



# ADITYA COLLEGE OF ENGINEERING

Approved by AICTE, Affiliated to JNTUK & Accredited by NAAC

Recognized by UGC under Section 2(f) of UGC Act, 1956

Aditya Nagar, ADB Road, Surampalem - 533 437, E.G.Dist., Ph: 99631 76662.

## **Faculty Development Programs/administrative training programs organized by the institution for teaching/non-teaching staff.**

### **Academic Year 2018-19**

Sl.No	Type of Event	Department	Title of the program	Name of the Co-ordinator	Name of the Resource person	Date/s
1.	FDP	ECE	Wireless and Data Communications	Mr.M.Venkateswarulu, Assoc.Professor, Dept.of ECE	Mr.M.suresh Kumar, Telecom Engineer, BSNL, Rajamundry	13-04-2018 to 17-04-2018
2.	FDP	ECE	Recent Advancements in Image Processing	Mr.P.Ramesh, Asst.Professor, Dept.of ECE	Dr.Ch.Srinivasa Rao, Professor, JNTUK	22-09-2018 to 26-09-2018
3.	FDP	CIVIL	Sustainable Urban Transport Planning	Mr.V.Tamil Selvan Asst.Professor,	Dr.Alif Ali BaigMoghal, Professor Dept.of Civil, NITWarangal	06-08-2018 to 11-08-2018
4.	Workshop	CIVIL	Light Weight Concrete	Mr.V.TamilSelvan Asst.Professor,	Mr.J.S.Kalyana Rama, Assoc.Professor, VBIT, Hyderabad	26-12-2018 to 31-12-2018
5.	FDP	EEE	Power Electronic Converters for Electrical Vehicles and Renewable Energy applications	Mr.D.TataRao, Assoc.Professor	Mr.Ravindra Dogga, Founder and CTO, Zunik Energies	12-11-2018 to 17-11-2018



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6.	FDP	EEE	Advances in Computational Techniques for Electrical systems	Dr. Y.Srinivasa Rao Professor	1)Dr.M.Jayaram Dept.of EEE, NIT,A.P 2)Dr.P.Satish Kumar, Associate Professor, Dept.of EEE, Osmania University	27-05-2019 to 31-05-2019
7.	FDP	ME	New Trends in IC Engines	Mr.M.Prem Kumar Reddy Assistant Professor	Dr.V.Ramachandra Raju, Professor, Dept.of Mechanical Engineering, Puducherry Technological University	12-11-2018 to 17-11-2018
8.	FDP	ME	Recent Advances in Materials and challenges in Manufacturing Techniques	Dr.M.AnjiBabu Associate Professor	Dr.JayaPrakash, Assoc.Professor, VNR Vignan Jyoti Engineering College, Hyderabad.	27-05-2019 to 31-05-2019
9.	FDP	MBA	Personality Development and Life Skills	Mr.M.Govardhan Reddy Assistant Professor	Dr.K.MadhavaRao, Professor, MBA Dept., Gitam Institute of Management, Visakhapatnam	15-10-2018 to 19-10-2018
10.	FDP	CSE	Artificial Intelligence and Machine Learning	Mr.N.Praveen Associate Professor	Dr.M.Vamsi Krishna, Principal, Chaitnya Institute of Engineering and Technology, Kakinada	08-04-2019 to 12-04-2019
11.	Training Program	Admin	Fire Safety and Protection	Mr.T.N.V.S. Ramachandran, Administrative Officer	J.Ramanaiah, Asst.District fire officer,kakinada	07-06-2018



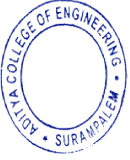
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12.	Training Program	Admin	Road Safety Awareness Program	Mr.TNVS Ramachandran, Administrative Officer	G.Jaswanth rao. Retired Asst.RTO,Kakinada	11-06-2018
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**Principal**

PRINCIPAL  
Aditya College of Engineering  
SURAMPALEM-533 437

### Faculty Development Program Description

This Faculty Development Program is designed to offer the practical guidelines and direct the researchers through all the stages of research from identifying a research problem to the submission of a dissertation, report writing and research article. The course intends to deal with variety of quantitative and qualitative research methods used in social science research. By the end of the program, they are expected to develop conceptual clarity and practical knowledge to undertake quality research and writing good research papers, field-reports and project proposals etc.

### RESOURCE PERSONS:

**Dr. Ch.Srinivasa Rao**

**Professor**

**JNTUK**

### PARTICIPANTS

This Faculty Development Program is open to the academicians, Industrial practitioners & PG Students desiring to enhance their knowledge in Image Processing.

### Chief patron

**Sri N.Sesha Reddy**, Chairman,  
Aditya Educational Group.

### Patron

**Sri N.Satish Reddy**, Vice – Chairman,  
Aditya Educational Group.

### Chairman

**Prof Dr.T.Ramakrishna**,  
Principal,  
Aditya College of Engineering.

### Convenor

**Prof.G.Rama Krishna**  
HOD, ECE Department

### Co-ordinator

Asst.Proff.  
Aditya College of Engineering

### REGISTRATION

Application in the prescribed format should reach **THE CONVENOR** on or before **11-09-2018** and may be sent to:

**ADITYA COLLEGE OF ENGINEERING,**

ADB Road, Surampalem, Pin: 533 437.

***hodece@acoe.edu.in***

### **A Five Day**

### **Faculty Development Program on Recent Advancements in Image Processing**

**22<sup>nd</sup> September 2018 to 26<sup>th</sup> September  
2018**

Venue:

Seminar Hall

Aditya College of Engineering

Surampalem,

East Godavari District.



Organised by:

**Department of ECE**

**ADITYA COLLEGE OF  
ENGINEERING**

*ADB Road, Surampalem, E.G.Dt*

*Pin: 533 437, Andhra Pradesh, India*

*Phone: 08852 – 252250, 252243, 200007*

*Cell: 99498 76662*

*email: **hodece@acoe.edu.in***

*eSign*

Signed by: Adireddy Ramesh  
Reason: Self-Attestation  
Location: Kakinada, India  
Date: 24-Jun-2023 (02:54 PM)

### Registration Form

Name of the Applicant:

(Block Letters)

Designation: .....

Gender:

(M/F): .....

Educational Qualification: .....

Organization: .....

Address for Correspondence:

Email: .....

Contact Number:

Date:

Signature

### About the College

Aditya College of Engineering, established in the year 2008, has been sponsored by Aditya Academy, Srinagar, Kakinada, East Godavari District, Andhra Pradesh. This was started in the year 2001 with a quality & excellence as the guiding principles. The college has state-of-art infrastructure and resource facility with qualified & experienced faculty. It is recognized by AICTE and approved by Govt. of Andhra Pradesh and permanently affiliated to Jawaharlal Nehru Technological University Kakinada (JNTUK).

The Department of ECE was started in the year 2008 with an intake of 60 students. The intake was increased to 240 in the year 2012. The department has established laboratories namely Communication, Lab Microwave Lab, PDC Lab, ECAD Lab, ICA lab, EDC lab, MP Lab etc...

### DEPARTMENT VISION:

"To be a center of excellence and renowned for Electronics & Communication Engineering education and research"

### DEPARTMENT MISSION:

- Enlighten the graduates in the basic concepts underlying the principles of analog and digital electronics communication systems and advanced technologies.

### Registration & Fee particulars

Faculty participant : Nil

Industry participant : Nil

P.G student in engineering : Nil

### Important Dates

Last date of registration: 11-09-

2018 (Through email)

Intimation of acceptance: 13-09-

2018 (Through email in advance)

### Accommodation

Lodging and Boarding will be provided with minimum cost for the outstation participants on prior request. All participants will be provided with lunch, tea and snacks.

### Points to note

- ✓ Brochure & application form can also be downloaded from our Website: <http://www.acoe.edu.in>
- ✓ List of participants selected for the Faculty Development Program will be displayed in the Institute website

### Important Contacts

College Office 99498 76662

Vice Principal 98665 76665

Convener 94410 36921

*eSign*

Signed by: Adireddy Ramesh  
Reason: Self-Attestation  
Location: Kakinada, India  
Date: 24-Jun-2023 (02:54 PM)





# ADITYA COLLEGE OF ENGINEERING

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Recognized by UGC under Section 2(f) of UGC Act, 1956

Aditya Nagar, ADB Road, Surampalem - 533 437, E.G.Dist., Ph: 99631 76662.

## A REPORT ON

### FDP on "Recent Advancements in Image Processing"

Date: 22-09-2018 to 26-09-2018

#### FDP Overview:

The primary focus of this FDP is to give insights on Recent Advancements in Image Processing.

#### Resource Person:

Dr. CH Srinivas Rao  
Professor  
JNTUK

**Title:** FDP on "Recent Advancements in Image Processing."

#### Schedule of FDP:

**Date:** 22-09-2018 to 26-09-2018

**Duration:** 5 Days

**Timing:** 09:30 A.M to 03:30 PM

#### Target Audience:

Faculty of ECE Department


**No of Faculty Attended:** 40

Department of ECE conducted an FDP on "Recent Advancements in Image Processing" with the permission from principal. The FDP started on 22<sup>nd</sup> September 2018. Dr. CH Srinivas Rao who is working as Professor, JNTUK was invited to be the resource person. Prepared poster and schedule for the program and sent circular to all faculty members.

The speaker described about Recent Advancements in Image Processing very effectively. The event ended on 26<sup>th</sup> September 2018. Resource person and the Participants gave the feedback form. Concluded the program with Thanks note to the speaker followed by Refreshments.

  
Coordinator

  
Head of the Department

  
Signed by: Adireddy Ramesh  
Reason: Self-Attestation  
Location: Kakinada, India  
Date: 24-Jun-2023 (02:54 PM)  
Aditya College of Engineering  
SURAMPATEM - 533 437

### Faculty Development Program Description

This Faculty Development Program is designed to offer the practical guidelines and direct the researchers through all the stages of research from identifying a research problem to the submission of a dissertation, report writing and research article. The course intends to deal with variety of quantitative and qualitative research methods used in social science research. By the end of the program, they are expected to develop conceptual clarity and practical knowledge to undertake quality research and writing good research papers, field-reports and project proposals etc.

### RESOURCE PERSONS:

Mr. M.Suresh Kumar,  
Telecom Engineer,  
BSNL, Rajahmundry

### PARTICIPANTS

This Faculty Development Program is open to the academicians, Industrial practitioners & PG Students desiring to enhance their knowledge in Image Processing.

### Chief patron

Sri N.Sesha Reddy, Chairman,  
Aditya Educational Group.

### Patron

Sri N.Satish Reddy, Vice – Chairman,  
Aditya Educational Group.

### Chairman

Prof Dr.T.Ramakrishna,  
Principal,  
Aditya College of Engineering.

### Convenor

Prof.G.Rama Krishna  
HOD, ECE Department

### Co-ordinator

Mr. Kalesh Busa,  
Asst.Proff.  
Aditya College of Engineering.

### REGISTRATION

Application in the prescribed format should reach **THE CONVENOR** on or before **03-04-2018** and may be sent to:

**ADITYA COLLEGE OF ENGINEERING,**  
ADB Road, Surampalem, Pin: 533 437.  
[hodece@acoe.edu.in](mailto:hodece@acoe.edu.in)

A Five Day

### **Faculty Development Program on Wireless and Data Communications**

13<sup>th</sup> April 2018 to 17<sup>th</sup> April 2018

Venue:

Seminar Hall

Aditya College of Engineering

Surampalem,

East Godavari District.



Department of ECE

**ADITYA COLLEGE OF  
ENGINEERING**

ADB Road, Surampalem, E.G.Dt

Pin: 533 437. Andhra Pradesh, India

Phone: 08852 – 252250, 252243, 200007

Cell: 99498 76662

email: [hodece@acoe.edu.in](mailto:hodece@acoe.edu.in)

*eSign*

Signed by: Adireddy Ramesh  
Reason: Self-Attestation  
Location: Kakinada, India  
Date: 24-Jun-2023 (02:54 PM)

**Registration Form**

Name of the Applicant:

(Block Letters)

.....

Designation: .....

Gender:

(M/F):.....

Educational Qualification.....

Organization: .....

Address for Correspondence:

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Email:.....

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Contact Number:

.....

Date:

Signature

**About the College**

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**The Department of ECE** was started in the year 2008 with an intake of 60 students. The intake was increased to 240 in the year 2012. The department has established laboratories namely Communication, Lab Microwave Lab, PDC Lab, ECAD Lab, ICA lab, EDC lab, MP Lab etc...

**DEPARTMENT VISION:**

"To be a center of excellence and renowned for Electronics & Communication Engineering education and research"

**DEPARTMENT MISSION:**

- Enlighten the graduates in the basic concepts underlying the principles of analog and digital electronics communication systems and advanced technologies.

**Registration & Fee particulars**

Faculty participant : Nil

Industry participant : Nil

P.G student in engineering : Nil

**Important Dates**

Last date of registration: 03-04-2018 (Through email)

Intimation of acceptance: 05-04-2018 (Through email in advance)

**Accommodation**

Lodging and Boarding will be provided with minimum cost for the outstation participants on prior request. All participants will be provided with lunch, tea and snacks.

**Points to note**

- ✓ Brochure & application form can also be downloaded from our Website: <http://www.acoe.edu.in>
- ✓ List of participants selected for the Faculty Development Program will be displayed in the Institute website

**Important Contacts**

College Office 99498 76662

Vice Principal 98665 76665

Convener 94410 36921

*eSign*

Signed by: Adireddy Ramesh  
Reason: Self-Attestation  
Location: Kakinada, India  
Date: 24-Jun-2023 (02:54 PM)





## A REPORT ON

### FDP on "Wireless and Data Communications"

Date: 13-04-2018 to 17-04-2018

#### FDP Overview:

The primary focus of this FDP is to give insights on Wireless and Data Communications.

#### Resource Person:

Mr. M. Suresh Kumar,  
Telecom Engineer,  
BSNL,  
Rajahmundry

**Title:** FDP on "Wireless and Data Communications."

#### Schedule of FDP:

**Date:** 13-04-2018 to 17-04-2018

**Duration:** 5 Days

**Timing:** 09:30 A.M to 03:30 PM

#### Target Audience:

Faculty of ECE Department

**No of Faculty Attended:** 40

Department of ECE conducted an FDP on "Wireless and Data Communications" with the permission from principal. The FDP started on 13<sup>th</sup> April 2018. Mr. M. Suresh Kumar who is working as Telecom Engineer, BSNL, Rajahmundry, was invited to be the resource person. Prepared poster and schedule for the program and sent circular to all faculty members.

The speaker described about Wireless and Data Communications very effectively. The event ended on 17<sup>th</sup> April 2018. Resource person and the Participants gave the feedback form. Concluded the program with Thanks note to the speaker followed by Refreshments.



Coordinator



Head of the Department



Signed by: Adireddy Ramesh  
Reason: Self-Attestation  
Location: Kakinada, India  
Date: 24-Jun-2023 (02:54 PM)

Aditya College  
SURAMPALAM 533 437

A Six Day FDP on Sustainable  
Urban Transport Planning

REGISTRATION FORM

Name of the participant :

Name of the Organization :

Designation :

Qualification :

Experience :

Address for communication:

E-mail :

Phone No. :

Registration fee of Rs.500/-can be paid by cash at

The time of registration.

Signature  
(Participant)



Photocopies of this form can be used.

== Chief Patron

Sri N.Sesha Reddy , Chairman  
Aditya Educational Group

== Patron

Sri N.Satish Reddy , Vice Chairman  
Aditya Educational Group

== Chairman

Dr.T.RamaKrishna  
Principal,  
ADITYA COLLEGE OF ENGINEERING

== Convener

Dr.Giriprasad  
HOD,Dept. of Civil Engineering

Co-ordinators:

1. Mr. Tamilselvan V  
Assistant Professor, Dept. of CE

Organizing Committee:

Mr. Chinthu Naresh  
Assistant Professor, Dept. of CE

Mr.P.Ravi Kishore  
Assistant Professor, Dept. of CE

Mr.B.Konda Babu  
Assistant Professor, Dept. of CE

A Six Day FDP on Sustainable  
Urban Transport Planning

6th 2018 to 11th Aug 2018



Department of

Civil Engineering

**ADITYA COLLEGE OF ENGINEERING**

Surampalem, ADB Road, E.G. Dt.

Pin 533 437, Andhra Pradesh, India

Phone: 08852-252250, 252243, 200007

Cell: 99496 76662



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Signed by: Adireddy Ramesh  
Reason: Self-Attestation  
Location: Kakinada, India  
Date: 24-Jun-2023 (02:54 PM)

## ABOUT THE INSTITUTION

Aditya College of Engineering, established in the year 2008 is affiliated to JNTUK, Kakinada, approved by AICTE, New Delhi. The institute was established with a well-defined motive of serving the Society by making a humble contribution to Education especially through Technical Education. The Institution, situated in calm and beautiful natural surrounding at Surampalem in the District of East Godavari, offers Civil Engineering, Electrical & Electronics Engineering, Mechanical Engineering, Electronics and Communication Engineering, Computer Science & Engineering, Petroleum Technology. These courses are approved by AICTE and University to which the institute is affiliated.

The Institution follows all the norms and decisions as per the regulatory bodies – JNTUK University as well as AICTE for the required physical infrastructure, recruitment of the faculty, admission procedure, fee structure and curriculum to enact.

Away from the hustle-bustle of the city life, the institute is spread over an area of 11.27 Acres of lush greenness and is centrally located between Kakinada and Rajahmundry. This Professional college has been established with a cherished vision to provide quality education and to be among the best of the institutions for the budding engineers and technologists.

## ABOUT THE DEPARTMENT

Civil Engineering department, Aditya College of Engineering, comprise of experienced faculty who are actively involved in research besides teaching. With an intake of 60, and over 60 well qualified teaching and non-teaching staff. The department aim at promoting quality and value based education by harnessing skills of students creating awareness on the advancements in civil engineering and preparing them for agile industry.

The department has state-of-the-art facilities, latest software like STAAD.Pro, AUTOCAD, Revit Structures, Robot Structure analysis etc. and well-equipped laboratories with costly equipment such as Total Station, Universal Testing Machine, Tri-axle Shear Testing Machine, Kaplan turbine, Francis turbine, Pelton wheel testing rig, Compression testing machine, Ultrasonic pulse velocity

### Objective

Learn Feasibility of new technologies in construction  
Learn about Integrated Work Space Systems  
Instrument manufacturers

### WHO CAN ATTEND

Any Faculty of Civil Engineering Department are eligible to attend this FDP which is very useful for Clear understanding of earthquake resistant design.

## RESOURCE PERSONS

Dr. Arif Ali Baig Moghal, professor, Civil Department, NIT Warangal has his passion towards making the people strong in latest technologies and his expertise in thermal system Development has made the Civil department shine. To provide efficient and innovative design solutions which complement the best training needs, to be the leader in providing quality training to students. His areas of interest are Structural engineering. He always catches up with latest technologies in civil engineering.

### REGISTRATION FEE

Faculty registering for the FDP are required to pay Rs.300/- by Cash at registration time.

The registration fee includes course material, Lunch & snacks.

You may confirm your participation through mail on or before 04-08-2022.

### ACCOMMODATION:

Accommodation will be provided on request on first-come first-served basis.

For any further information, please contact the Conveners.

Address for Correspondence:

1. Mr.V.Tamilselvan

Assistant Professor, Dept. of CE

Mobile No: 9908903748

Mail Id: tamilselvan\_civil@acoe.edu.in

*eSign*

Signed by: Adireddy Ramesh  
Reason: Self-Attestation  
Location: Kakinada, India  
Date: 24-Jun-2023 (02:54 PM)





# ADITYA COLLEGE OF ENGINEERING

Approved by AICTE, Permanently Affiliated to JNTUK & Accredited by NAAC

Recognized by UGC under Sections 2(f) and 12(B) of UGC Act, 1956

Aditya Nagar, ADB Road, Surampalem - 533 437, E.G. Dist., Ph: 99631 76662

Date: 11-08-2018

## Department of Civil Engineering

### Report on FDP

Title:	A Six Day FDP on Sustainable Urban Transport Planning
Date:	6th Aug 2018 to 11th Aug 2018
Venue:	Seminar hall, Department of Civil Engineering
Resource Person:	Dr. Arif Ali Baig Moghal, Professor, Civil Department, NIT Warangal.

#### Report:

The objective of the FDP is, Sustainable transportation consists of the efficient use of existing resources to increase mobility while positively impacting economic development, quality of life, and the preservation of the natural environment. The primary objective of SUTP is to facilitate urban transport infrastructure development in a sustainable manner and under the ambit of the National Urban Transport Policy (NUTP).

Urban environmental sustainability encourages revitalization and transition of urban areas and cities to improve liveability, promote innovation and reduce environmental impacts while maximizing economic and social co-benefits. Green public transport vehicles including electric trains, trams and electric buses combine the advantages of green vehicles with those of sustainable transport choices. Other transport choices with very low environmental impact are cycling and other human-powered vehicles, and animal powered transport

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Signed by: Adireddy Ramesh  
Reason: Self-Attestation  
Location: Kakinada, India  
Date: 24-Jun-2023 (02:54 PM)



A Five Day Workshop on Light  
weight concrete

REGISTRATION FORM

Name of the participant :

Name of the Organization :

Designation :

Qualification :

Experience :

Address for communication:

E-mail :

Phone No. :

Registration fee of Rs.500/-can be paid by cash at

The time of registration.

Signature  
(Participant)

Photocopies of this form can be used.

== Chief Patron

Sri N.Sesha Reddy , Chairman  
Aditya Educational Group

== Patron

Sri N.Satish Reddy , Vice Chairman  
Aditya Educational Group

== Chairman

Dr.A.Ramesh  
Principal,  
ADITYA COLLEGE OF ENGINEERING

== Convener

Dr.R.Giriprasad  
HOD,Dept. of Civil Engineering

Co-ordinators:

1. Mr.V.Tamilselvan  
Assistant Professor, Dept. of CE

Organizing Committee:

Miss.D.Ganga  
Assistant Professor, Dept. of CE

Mr.B.Konda Babu  
Assistant Professor, Dept. of CE

Mrs.B.jyothi Sushma  
Assistant Professor, Dept. of CE

A Five Day Workshop on Light  
weight concrete

26th 2018 to 31st Dec 2018



Department of

Civil Engineering

**ADITYA COLLEGE OF ENGINEERING**

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Pin 533 437, Andhra Pradesh, India

Phone: 08852-252250, 252243, 200007

Cell: 99496 76662



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The department has state-of-the-art facilities, latest software like STAAD.Pro, AUTOCAD, Revit Structures, Robot Structure analysis etc. and well-equipped laboratories with costly equipment such as Total Station, Universal Testing Machine, Tri-axle Shear Testing Machine, Kaplan turbine, Francis turbine, Pelton wheel testing rig, Compression testing machine, Ultrasonic pulse velocity

### Objective

- Finite Element Methods
- Basics on latest computation tools
- 3D-Model analysis and design of different structures

### WHO CAN ATTEND

Any Faculty Civil Engineering Department are eligible to attend this FDP which is very useful for Clear understanding of earthquake resistant design.

### Resource Person:

Mr. Kalyana Rama J S, Associate Professor, VBIT, Hyderabad. He is expert in Concrete technology. He worked with various companies for economical construction materials. his area of research is on analysis of structures with various tools such as abqus, anasys, matlab ..Etc. and he has good sound of knowledge in all latest design softwares. analysis by FEM methods for effective result. Material properties and thier behaviour for various load considerations.

### REGISTRATION FEE

Faculty registering for the FDP are required to pay Rs.300/- by Cash at registration time.

The registration fee includes course material, lunch & snacks.

You may confirm your participation through mail on or before 24-12-2018.

### ACCOMMODATION:

Accommodation will be provided on request on First-come first-served basis.

For any further information, please contact the Co-ordinators.

Address for Correspondence:

Mr. V. Tamilselvan, 8489308017

tamilselvan\_civil@acoe.edu.in

*eSign*

Signed by: Adireddy Ramesh  
Reason: Self-Attestation  
Location: Kakinada, India  
Date: 24-Jun-2023 (02:54 PM)



Date: 31-12-2018

## Department of Civil Engineering

### Report on Workshop

Title:	A Five Day Workshop on Light weight concrete
Date:	26 <sup>th</sup> Dec to 31 <sup>st</sup> Dec 2018
Venue:	Seminar hall, Department of Civil Engineering
Resource Person:	Mr. Kalyana Rama J S Associate Professor, VBIT.Hyderabad
Workshop Convener:	Dr.Giriprasad
Coordinators:	Mr.V.Tamilselvan
No. of Participants:	16

#### Report:

The objective of the workshop is, Practical Applications of Lightweight Concrete, as such; it can be used to successfully build bridges, decks, girders, piers, precast constructions, and high rise buildings with reduced density. Using less sand can make the product lighter, but it can also make the concrete weaker structurally. A simple recipe for basic lightweight concrete is to combine 8 parts sand, 8 parts cement and 8 parts prelate to 5 parts water. A number of advantages in using low-density lightweight concrete in construction are due to its low density, low thermal conductivity, low shrinkage and high heat resistance, in addition to reduction in dead load, lower haulage cost and faster building rate. What material is used in light weight concrete?

Lightweight concrete can be produced by introducing: (i) gassing agents such as aluminum powder or foaming agents, (ii) lightweight mineral aggregate such as perlite, vermiculite, pumice, expanded shale, slate, and clay, or (iii) plastic granules as aggregate, e.g., expanded polystyrene foam (EPS), polyurethane

*eSign*

Signed by: Adireddy Ramesh  
Reason: Self-Attestation  
Location: Kakinada, India  
Date: 24-Jun-2023 (02:54 PM)



### FDP Description

The main aim of 'Artificial Intelligence and Machine Learning' is to impart knowledge and training on the fundamentals of machine learning. Expert lectures are delivered by the resource person. The main objective is to make the participants familiar with artificial Intelligence and machine learning. By the end of the program, they are expected to develop conceptual clarity on AIML and it may be beneficial to Faculty member & Research Scholars who intend to begin and practice research in the field of AI/ML/DL.

### RESOURCE PERSONS:

Dr.M Vamsi Krishna ,  
Associate Professor in CSE,  
Chaitanya Institute of Engineering and  
Technology.

He has passion towards research in latest technologies and has specialization in Artificial Intelligence and Machine Learning. He is the reviewer member of reputed National conference and currently working in Chaitanya Institute of Engineering and Technology, Kakinada.

### PARTICIPANTS

This FDP is open to the academicians, Industrial practitioners & PG Students desiring to enhance their knowledge in Artificial Intelligence and Machine Learning.

### Chief patron

Sri Dr. N.Sesha Reddy, Chairman,  
Aditya Educational Group.

### Patron

Sri N.Satish Reddy, Vice – Chairman,  
Aditya Educational Group.

### Chairman

Prof. Dr. T. K. Rama Krishna,  
Principal,  
Aditya College of Engineering.

### Coordinator

Mr. N. Praveen  
Assistant Professor

### Convenor

Prof. Dr. Pullela S.V.V.S.R. Kumar  
HOD, CSE Department

### Members

Prof. G S N Murthy  
Prof. Dr. B. Annapurna  
Mr. T. Veeraju  
Mr. V. Chandra Sekhara Rao  
Mrs. T. Satya Kumari  
Mr. N. Praveen

### REGISTRATION

Application in the prescribed format along with registration fee should reach **THE CONVENOR** on or before **05-04-2019** and maybe sent to:

**ADITYA COLLEGE OF ENGINEERING,**  
ADB Road, Surampalem, Pin: 533 437.  
[hodcse@acoe.edu.in](mailto:hodcse@acoe.edu.in)

An

Five-Day Faculty Development Program

on

'Artificial Intelligence and Machine  
Learning'

8<sup>th</sup> April to 12<sup>th</sup> April, 2019

Venue:

Seminar Hall (First Floor)  
Aditya College of Engineering  
Surampalem,  
East Godavari District.



Organised by:

Department of CSE  
**ADITYA COLLEGE OF  
ENGINEERING**

ADB Road, Surampalem, E.G.Dt

Pin: 533 437. Andhra Pradesh, India

Phone: 08852 – 252250, 252243

Cell: 98481 63227

email: [hodcse@acoe.edu.in](mailto:hodcse@acoe.edu.in)

*eSign*

Signed by: Adireddy Ramesh  
Reason: Self-Attestation  
Location: Kakinada, India  
Date: 24-Jun-2023 (02:54 PM)



**Registration Form**

Name of the Applicant:

(Block Letters)

Designation: .....

Gender: .....

(M/F): .....

Educational Qualification: .....

Organization: .....

Address for Correspondence: .....

Email: .....

Contact Number: .....

Date: .....

Signature .....

**About the College**

Aditya College of Engineering, established in the year 2008, has been sponsored by Aditya Academy, Srinagar, Kakinada, East Godavari District, Andhra Pradesh. This was started in the year 2001 with a quality & excellence as the guiding principles. The college has state-of-art infrastructure and resource facility with qualified & experienced faculty. It is recognized by AICTE and approved by Govt. of Andhra Pradesh and permanently affiliated to Jawaharlal Nehru Technological University Kakinada (JNTUK). The College proudly offers 6 UG and 8 PG Programmes in Engineering, 2 Professional Courses in MCA and MBA and 5 programmes in Diploma Course.

**The Department of CSE** The department has been Well-equipped class rooms, well networked Lab setups with latest software, Industry-Integrated projects, creative teaching-learning process, research-based activities in the emerging areas, impressive placements, certification courses make the department well advanced on the professional front.

**Registration & Fee particulars**

Faculty participant : Nil

Industry participant : Nil

P.G student in engineering : Nil

**Important Dates**

Last date of registration: 5-04-2019

(Through email)

Intimation of acceptance: 6-04-2019

(Through email in advance)

**Accommodation**

Lodging and Boarding will be provided with minimum cost for the outstation participants on prior request. All participants will be provided with lunch, tea and snacks.

**Points to note**

- ✓ Brochure & application form can also be downloaded from our Website: <http://www.acoe.edu.in>
- ✓ List of participants selected for the FDP will be displayed in the Institute website

**Important Contacts**

College Office 99498 76662

Vice Principal 98665 76665

Convener 98481 63227



Signed by: Adireddy Ramesh  
Reason: Self-Attestation  
Location: Kakinada, India  
Date: 24-Jun-2023 (02:54 PM)



Date: 12-04-2019

## Department of Computer Science and Engineering

### Report on the Faculty Development Program

**Title of the FDP:** Five Days Faculty Development Program on “**Artificial Intelligence and Machine Learning**” in the year 2019

**Date:** From 8<sup>th</sup> to 12<sup>th</sup> April 2019

**Venue:** Seminar hall (1<sup>st</sup> Floor), Ramanujan Bhavan

**Resource person:** Dr. M Vamsi Krishna,  
Associate Professor,  
Department of Computer Science and Engineering ,  
Chaitanya Institute of Science and Technology,  
Kakinada

### Objectives of the Faculty Development Program:

The objective of “Artificial Intelligence and Machine Learning” is to impart knowledge and training on the fundamentals of Artificial Intelligence and machine learning. The goal of machine learning, closely coupled with the goal of AI, is to achieve understanding about the nature of learning process, about the computational aspects of learning behaviors, and to implant the learning capability in computer systems/ The main objective is to make the participants familiar with Artificial Intelligence and Machine Learning. By the end of the program, they are expected to develop conceptual clarity to Faculty member & Research Scholars who intend to begin and practice research in the field of AI/ML/DL

Number of Participants: 25

Overall assessment: Good

*N. Manjunath*  
Coordinator

*PSVVS*  
Head of the Department

Head of the Department  
Department of Computer Science & Engineering  
Aditya College of Engineering  
SURAMPAL - 533 437

*eSign*

Signed by: Adireddy Ramesh  
Reason: Self-Attestation  
Location: Kakinada, India  
Date: 24-Jun-2023 (02:54 PM)

**A Six Day FDP on "Power Electronics Converters for Electric Vehicles and Renewable Energy Applications"**

Name of the participant :

Name of the Organization :

Designation :

Qualification :

Experience :

Address for communication :

E-mail :

Phone No. :

Registration fee of Rs.500/-can be paid by cash at the time of registration.

Signature  
(Participant)

**= Chief Patron**

Sri N.Sesha Reddy , Chairman  
Aditya Educational Group

**= Patron**

Sri N.Satish Reddy , Vice Chairman  
Aditya Educational Group

**= Chairman**

Prof. PSVVS Ravi Kumar  
Principal,  
ADITYA COLLEGE OF ENGINEERING

**= Conveners**

Prof A Ramesh  
Vice Principal,  
ADITYA COLLEGE OF ENGINEERING

Mr.K.M.K.Reddy  
HOD,Dept. of Electrical and  
Electronics Engineering

**= Co-ordinator**

Mr.D.Tata Rao  
Associate Professor,Dept.of EEE

**Organizing Committee**

- 1.Dr. Y. Srinivasa Rao  
Associate Professor, Dept. of EEE
2. Mr. K.K.Pavan Kumar  
Assistant Professor, Dept. of EEE

**A Six Day FDP on "Power Electronics Converters for Electric Vehicles and Renewable Energy Applications"**

12<sup>th</sup> to 17<sup>th</sup> Nov-2018



Department of

Electrical and Electronics Engineering

**ADITYA COLLEGE OF ENGINEERING**

Surampalem, ADB Road, E.G. Dt.

Pin 533 437, Andhra Pradesh, India

Phone: 08852-252250, 252243, 200007

Cell: 99496 76662



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Signed by: Adireddy Ramesh  
Reason: Self-Attestation  
Location: Kakinada, India  
Date: 24-Jun-2023 (02:56 PM)

## ABOUT THE INSTITUTION

Aditya College of Engineering, established in the year 2008 is affiliated to JNTUK, Kakinada, approved by AICTE, New Delhi. The institute was established with a well-defined motive of serving the Society by making a humble contribution to Education especially through Technical Education. The Institution, situated in calm and beautiful natural surrounding at Surampalem in the District of East Godavari, offers Civil Engineering, Electrical & Electronics Engineering, Mechanical Engineering, Electronics and Communication Engineering, Computer Science & Engineering, Petroleum Technology. These courses are approved by AICTE and University to which the institute is affiliated.

The Institution follows all the norms and decisions as per the regulatory bodies – JNTUK University as well as AICTE for the required physical infrastructure, recruitment of the faculty, admission procedure, fee structure and curriculum to enact.

Away from the hustle-bustle of the city life, the institute is spread over an area of 11.27 Acres of lush greenness and is centrally located between Kakinada and Rajahmundry. This Professional college has been established with a cherished vision to provide quality education and to be among the best of the institutions for the budding engineers and technologists.

## ABOUT THE DEPARTMENT

Electrical and Electronics department, Aditya College of Engineering, comprise of experienced faculty who are actively involved in research besides teaching. With an intake of 120, and over 22 well qualified teaching and non-teaching staff. The department aim at promoting quality and value based education by harnessing skills of students creating awareness on the advancements in mechanical engineering and preparing them for agile industry.

The Department is Equipped with state of Art facilities and Infrastructure for the Students with Leased Line Internet Connectivity.

The Department is offering both U.G and P.G programmes.

## FDP OBJECTIVES

The FDP Aimed at imparting knowledge regarding the Power Electronics converters Design for the Electrical Vehicles.

## Who Can Attend

Any Faculty or students of Electrical and Electronics Engineering Department are eligible to attend this FDP which is very useful for clear understanding and development.

## RESOURCE PERSONS

Mr.Raveendra Dogga  
Founder and CTO  
Zunik Energies  
Vijayawada

## REGISTRATION FEE

Faculty registering for the FDP are required to pay Rs.500/- by Cash at registration time.

The registration fee includes course material, lunch & snacks.

You may confirm your participation through mail on or before 12-11-2018.

## ACCOMMODATION:

Accommodation will be provided on request on first-come first-served basis.

For any further information, please contact the conveners.

Address for Correspondence:

Mr V.Srinivasa Rao  
info@acoe.edu.in

*eSign*

Signed by: Adireddy Ramesh  
Reason: Self-Attestation  
Location: Kakinada, India  
Date: 24-Jun-2023 (02:56 PM)





# ADITYA COLLEGE OF ENGINEERING

Approved by AICTE, Affiliated to JNTUK & Accredited by NAAC  
Recognized by UGC under Section 2(f) of UGC Act, 1956

Aditya Nagar, ADB Road, Surampalem - 533 437, E.G.Dist., Ph: 99631 76662.

17-11-2018

## Department of Electrical and Electronics Engineering

### Report on FDP

Title : Six Days Faculty Development Program on Power Electronic Converters for Electric Vehicle and Renewable Energy Applications

Resource Person: Mr.Ravindra Dogga

Founder and CTO,Zunik Energies

Vijayawada

Dates: 12<sup>th</sup> to 17<sup>th</sup> November, 2018

Venue: Department Seminar Hall

Ramanujan Bhavan

#### Report

The FDP with the aim of imparting knowledge in the area of design of power electronic converters for the Electrical Hybrid Vehicles. It covers a wide range of topics ranging from fundamentals of EV, Hybrid EV and its stepwise approach for the simulation of proposed converters for Real Time applications and corresponding Experimental results, Performance Improvement Paradigms. The Workshop helps in gaining exclusive information on power electronics in EV including Traction Drives, Different Topologies having different isolated and non isolated converters. The Control System design including Renewable Energy and Electrical Drives. The use of inverters can increase or decrease the power or torque of motor by adjusting the amplitude and signal.

Co-ordinator

D.Tata Rao

Assoc.Professor

Dept.of EEE


No. of Participants-36

Overall Assessment: Good

  
Co-ordinator



Signed by: Adireddy Ramesh  
Reason: Self-Attestation  
Location: Kakinada, India  
Date: 24-Jun-2023 (02:56 PM)

  
Head of the Department

A Five Day FDP on "Advances  
in Computational Techniques  
for Electrical Systems"

REGISTRATION FORM

Name of the participant :

Name of the Organization :

Designation :

Qualification :

Experience :

Address for communication :

E-mail :

Phone Number :

Registration fee of Rs.500/-can be  
paid by cash at the time of Registration

Signature  
(Participant)

= Chief Patron

Sri N.Sesha Reddy, Chairman  
Aditya Educational Group

= Patron

Sri N.Satish Reddy,Vice Chairman  
Aditya Educational Group

= Chairman

Prof. A.Ramesh  
Principal,  
ADITYA COLLEGE OF ENGINEERING

= Conveners

Mr K.M.K.Reddy  
HOD,Dept. of Electrical and Electronics  
Engineering

=

Co-ordinator  
Mr.D.Tata Rao  
Associate Professor,Dept.of EEE  
Mr.Y.Srinivasa Rao Associate  
Professor,Dept.of EEE

Organizing Committee

Mrs.K.Lakshmi  
Assoc. Professor, Dept. of EEE  
Mr K.K.Pavan Kumar  
Asst.Professor,Dept.of EEE

=

A Five Day FDP on "Advances  
in Computational Techniques for  
Electrical Systems"

27<sup>th</sup> to 31<sup>st</sup> May-2019



Department of

Electrical and Electronics Engineering

**ADITYA COLLEGE OF ENGINEERING**

Surampalem, ADB Road, E.G. Dt.

Pin 533 437, Andhra Pradesh, India

Phone: 08852-252250, 252243, 200007

Cell: 99496 76662

Email: office@acoe.edu.in



*eSign*

Signed by: Adireddy Ramesh  
Reason: Self-Attestation  
Location: Kakinada, India  
Date: 24-Jun-2023 (02:56 PM)

## ABOUT THE INSTITUTION

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This Professional college has been established with a cherished vision to provide quality education and to be among the best of the institutions for the budding engineers and technologists.

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Electrical and Electronics Engineering Department, Aditya College of Engineering, comprise of experienced faculty who are actively involved in research besides teaching. With an intake of 120, and over 22 well qualified teaching and non-teaching staff. The department aim at promoting quality and value based education by harnessing skills of students creating awareness on the advancements in electrical and electronics engineering and preparing them for agile industry.

The department is equipped with state of art laboratories and infrastructure for the students with leased Line Internet Connectivity.

The department is offering both U.G and P.G Programmes.

## FDP OBJECTIVES

The main objective of FDP is to provide an Idea about Recent Advances in electrical Engineering. Overview of Mathematical optimization and artificial intelligent techniques.

## WHO CAN ATTEND

Any Faculty or students of Electrical and Electronics Engineering Department are eligible to attend this FDP which is very useful for clear understanding and development.

## RESOURCE PERSONS

1. Dr. N. Jayaram  
Asst. Prof, EEE Department  
NIT, AP

2. Dr. P. Satish Kumar  
Associate Professor, EEE Department  
Osmania University

3. Dr. Mukesh Singh  
Associate Professor, EIE Department  
Thapar University

## REGISTRATION FEE

Faculty registering for the FDP are required to pay Rs.500/- by Cash at registration time.

The registration fee includes course material, lunch & snacks.

You may confirm your participation through mail on or before 26-05-2019

## ACCOMMODATION:

Accommodation will be provided on request on first-come first-served basis.

For any further information, please contact the conveners.

Address for Correspondence:  
Mr. M. Ravindra 9705869368  
info@acoe.edu.in

*eSign*

Signed by: Adireddy Ramesh  
Reason: Self-Attestation  
Location: Kakinada, India  
Date: 24-Jun-2023 (02:56 PM)





# ADITYA COLLEGE OF ENGINEERING

Approved by AICTE, Affiliated to JNTUK & Accredited by NAAC  
Recognized by UGC under Section 2(f) of UGC Act, 1956

Aditya Nagar, ADB Road, Surampalem - 533 437, E.G.Dist., Ph: 99631 76662.

Date: 31-05-2019

## Department of Electrical and Electronics Engineering

### Report on the FDP

Title: A Five Day FDP on “Advances in Computational Techniques for Electrical Systems”

Date : 27/05/2019 to 31/05/2019

Venue: Dept. Seminar hall, Ramanujan bhavan

Resourceperson: 1. Dr. N. Jaya Ram, Asst. Professor, EEE Dept. NITAP  
2. Dr. P. Satish Kumar, Assoc. Professor, EEE Dept. Osmania University.  
3. Dr. Mukesh Singh, Assoc. Professor, EIE Dept. Thapar University.

### Report

The main objective of this Faculty Development Program (FDP) is giving a suitable platform to involve for discussion and presentations of the recent advances in the field of Electrical Engineering. It is a valuable course for academicians, industrial professionals to share their knowledge. The various topics will be taught by prominent experts in the field, having adequate teaching and industrial experience. This workshop will offer a unique opportunity to the research scholars, academicians working in these areas to gain knowledge in current and relevant areas in electrical engineering. This FDP contributes deeper insight and awareness to the participants about the recent advances in Electrical Systems. Power systems optimizations problems are very difficult to solve because power systems are very large, complex, geographically widely distributed and are influenced by many unexpected events. It is therefore necessary to employ most efficient optimization methods to take full advantages in simplifying the formulation and implementation of the problem. This article presents an overview of important mathematical optimization and artificial intelligence (AI) techniques used in power optimization problems. Applications of hybrid AI techniques have also been discussed. Mathematical formulations of real-world problems are derived under certain assumptions and even with these assumptions; the solution of large-scale power systems is not simple. On the other hand, there are many uncertainties in power system problems because power systems are large, complex, and geographically widely distributed. More recently deregulation of power utilities has introduced new issues into the existing problems. It is desirable that solution of power system problems should be optimum globally, but solution searched by mathematical optimization is normally optimum locally. These facts make it difficult to deal effectively with many power system problems through strict mathematical formulation alone. This workshop presents an overview of important mathematical optimization and AI techniques used in power optimization problems, applications of hybrid AI techniques also discussed.

*Sign*

Signed by: Adireddy Ramesh  
Reason: Self-Attestation  
Location: Kakinada, India  
Date: 24-Jun-2023 (02:56 PM)





# ADITYA COLLEGE OF ENGINEERING

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Recognized by UGC under Sections 2(f) of UGC Act, 1956  
Aditya Nagar, ADB Road, Surampalem - 533 437, E.G.Dist., Ph: 99631 76662.

## ఆదిత్యలో కొనసాగుతున్న ఫ్యాకల్టీ డెవలప్ మెంట్ ప్రోగ్రాం



గంటేపల్లి, పెన్ పేపర్

గంటేపల్లి మండలం సూరంపాలెం గ్రామంలోని ఆదిత్య కాలేజ్ ఆఫ్ ఇంజనీరింగ్ కళాశాలలో ఎలక్ట్రీకల్ అండ్ ఎలక్ట్రానిక్స్ విభాగం అధ్యాపకులపై ఎన్ పీఓ ఫ్యాకల్టీ డెవలప్ మెంట్ ప్రోగ్రాం ను రోమవారం నాడు కళాశాల

ప్రిన్సిపాల్ దాశ్ నర్ అధిరెడ్డి రమేష్ టీకీ ప్రజ్వలన చేసి ప్రారంభించిన సంగతి పాఠకులకు విదితమే. వారు రోజుల పాటు కొనసాగే ఈ ఫ్యాకల్టీ డెవలప్ మెంట్ ప్రోగ్రాం నందు "అద్వాన్స్ న్ ఇన్ కంప్యూటేషనల్ లెక్చర్స్ ఇన్ ఎలక్ట్రీకల్ సిస్టమ్స్" పై నిపుణులు శిక్షణ అందిస్తున్నారు. మొదటి రెండు రోజులు ఎన్ పీఓ డి అండ్ ప్రొఫెసర్ డి సింగిల్ దాశ్ నర్ సత్య జయరామ్ "గ్లోబల్ ఇండిగ్రేటెడ్ స్ట్రాటజీ రెవ్యూయాలిజ్ ఎన్నో సిస్టమ్స్ మరియు సై పవర్ ఫ్యాక్టర్ కంప్యూటర్స్" పైన శిక్షణ ఇచ్చారు. తదుపరి బుధవారం నాడు ఉస్మానియా యూనివర్సిటీ డి సింగిల్ దాశ్ నర్ సతీష్ కుమార్ ముఖ్య అతిథిగా హాజరయ్యి "పర్ఫెక్ట్ లెవల్ ఇన్ఫర్మర్స్" అనే అంశంపై అధ్యాపకులకు శిక్షణ అందించారు. ఈ సందర్భంగా ప్రిన్సిపాల్ దాశ్ నర్ అధిరెడ్డి రమేష్ మాట్లాడుతూ అధ్యాపకులు ఎప్పటికప్పుడూ టెక్నాలజీలో సూతనవిప్లవానికి అనుగుణంగా తమని తాము మలుచుకోవడానికి ఫ్యాకల్టీ డెవలప్ మెంట్ ప్రోగ్రాం లు ఎంతో ఉపయోగపడతాయని అన్నారు. ఈ కార్యక్రమంలో క్యాంపస్ డైరెక్టర్ దాశ్ నర్ ఎమ్ శ్రీనివాసరెడ్డి, ప్రిన్సిపాల్ దాశ్ నర్ డి.కీ.రామకృష్ణారావు, డ్రిఫ్టర్ ఈ విభాగధిపతులు దాశ్ నర్ వి.శ్రీనివాసరావు, ఎమ్ రాజేష్ డి.మనోజ్ కుమార్ రెడ్డి మరియు అధ్యాపకులు పాల్గొన్నారు.

### News Paper Ad

No. of Participants: 39

Overall Assessment: Good

Convener:

Prof.K.M.K.Reddy, HOD, Dept. of EEE

Coordinators:

Dr. Y.Srinivasa Rao, Professor, Dept. of EEE

Mr.D.Tata Rao, Assoc. Professor, Dept. of EEE

Coordinator

Kmk Reddy

Head of the Department

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Signed by: Adireddy Ramesh  
Reason: Self-Attestation  
Location: Kakinada, India  
Date: 24-Jun-2023 (02:56 PM)

**"Faculty Development Program on  
New Trends In IC Engines "**

**REGISTRATION FORM**

Name of the participant :

Name of the Organization :

Designation :

Qualification :

Experience :

Address for communication :

E-mail :

Phone No. :

Registration fee of Rs.500/-can be paid by cash at  
the time of registration.

Signature  
(Participant)

**= Chief Patron**

Sri N.Sesha Reddy , Chairman  
Aditya Educational Group

**= Patron**

Sri N.Satish Reddy , Vice Chairman  
Aditya Educational Group

**= Chairman**

Prof. A.Ramesh  
Principal,  
ADITYA COLLEGE OF ENGINEERING

**= Conveners**

Mr Y.K. S. Subbarao  
Hod of Mechanical Engineering,  
Aditya College of Engineering  
Dr M AnjiBabu  
Assistant Professor

**=**

**Organizing Committee**

1. Dr M Anjibabu
2. Mr I Manoj Krishna
3. Mr G.V.A Swamy
4. Mr P Satish
5. Mr CH Ramesh

**=**

**Faculty Development Program on  
New Trends In IC Engines  
(12-11-2018 to 17-11-2018)**

**12-11-2018 to 17-11-2018**



Department of

Mechanical Engineering

**ADITYA COLLEGE OF ENGINEERING**

Surampalem, ADB Road, E.G. Dt.

Pin 533 437, Andhra Pradesh, India

Phone: 08852-252250, 252243, 200007

Cell: 99496 76662



*eSign*

Signed by: Adireddy Ramesh  
Reason: Self-Attestation  
Location: Kakinada, India  
Date: 24-Jun-2023 (02:56 PM)

## ABOUT THE INSTITUTION

Aditya College of Engineering, established in the year 2008 is affiliated to JNTUK, Kakinada, approved by AICTE, New Delhi. The institute was established with a well-defined motive of serving the Society by making a humble contribution to Education especially through Technical Education. The Institution, situated in calm and beautiful natural surrounding at Surampalem in the District of East Godavari, offers Civil Engineering, Electrical & Electronics Engineering, Mechanical Engineering, Electronics and Communication Engineering, Computer Science & Engineering, Petroleum Technology. These courses are approved by AICTE and University to which the institute is affiliated.

The Institution follows all the norms and decisions as per the regulatory bodies – JNTUK University as well as AICTE for the required physical infrastructure, recruitment of the faculty, admission procedure, fee structure and curriculum to enact.

Away from the hustle-bustle of the city life, the institute is spread over an area of 11.27 Acres of lush greenness and is centrally located between Kakinada and Rajahmundry. This Professional college has been established with a cherished vision to provide quality education and to be among the best of the institutions for the budding engineers and technologists.

## ABOUT THE DEPARTMENT

Mechanical Engineering, Aditya College of Engineering, comprise of experienced faculty who are actively involved in research besides teaching. With an intake of 120, and over 60 well qualified teaching and non-teaching staff. The department aim at promoting quality and value based education by harnessing skills of students creating awareness on the advancements in mechanical engineering and preparing them for agile industry.

It has well equipped lab facilities with high speed leased line internet connectivity. Our students get selected through campus recruitments in top most companies like Tech-Mahindra, AGI Glaspac, Triveni turbines and others.

## FDP OBJECTIVES

The Primary focus of this FDP is to give insights on present trending topic on "New Trends In IC Engines"

## WHO CAN ATTEND

Any Faculty or students of Mechanical Engineering Department are eligible to attend this workshop which is very useful for clear understanding and development.

## RESOURCE PERSONS

**Dr V RamaChandra Raju,**  
Professor,  
Dept. Of ME,  
Puduchery Technological University.

## REGISTRATION FEE

Faculty registering for the FDPs are Required to pay Rs.400/- by Cash at registration Time.

The registration fee includes course material, Lunch & snacks.

You may confirm your participation through mail On Or Before 10-11-2018

## ACCOMMODATION:

Accommodation will be provided on request on First-come first-served basis.

For any further information, please contact the conveners.

Address for Correspondence :  
Mr. Dr M AnjiBabu  
Assistant Professor,  
9959399198

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Signed by: Adireddy Ramesh  
Reason: Self-Attestation  
Location: Kakinada, India  
Date: 24-Jun-2023 (02:56 PM)



# ADITYA COLLEGE OF ENGINEERING

Approved by AICTE, Permanently Affiliated to JNTU & Accredited by NAAC  
Recognized by UGC under section 2(F) of UGC Act 1956

Aditya Nagar, ADB Road, Surampalem - 533 437, E.G Dist., Ph. 99631 76662

## A REPORT ON Faculty Development Program on "New Trends In IC Engines"

Date: 12-11-2018 to 17-11-2018

### FDP Overview:

The primary focus of this FDP is to give insights on present trending topic "New Trends In IC Engines"

### Resource Person:

Dr V Rama Chandra Raju,  
Professor,  
Dept. Of Mechanical Engineering,  
Puduchery Technological University.

**Title:** Faculty Development Program on "New Trends In IC Engines"

### Schedule of FDP:

Date: 12-11-2018 to 17-11-2018

Duration: 6 days

Timing: 09:30 A.M to 04:00 P.M

### Target Audience:

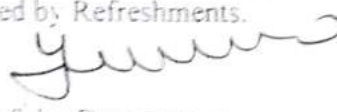
All the Faculty and students of Mechanical Department.

### No of Faculty attended: 20

Department of ME conducted FDP on New Trends in IC Engines with the permission from principal. Dr V Rama Chandra Raju, who is working as Professor Puduchery Technological University, Puduchery was invited to be the resource person. Prepared poster and schedule for the program and sent circular to all faculty members.

The speaker described about New Trends in IC Engines very effectively. On Last day, Participants gave the feedback. The sessions are concluded with Thanks note to the speaker followed by Refreshments.

  
Coordinator

  
Head of the Department



Signed by: Adireddy Ramesh  
Reason: Self-Attestation  
Location: Kakinada, India  
Date: 24-Jun-2023 (02:56 PM)



**"Faculty Development Program on  
Recent Advances in Materials and  
Challenges in Manufacturing"**

**REGISTRATION FORM**

Name of the participant :

Name of the Organization :

Designation :

Qualification :

Experience :

Address for communication :

E-mail :

Phone No. :

Registration fee of Rs. 500/- can be paid by cash at  
the time of registration.

Signature  
(Participant)

**Chief Patron**

Sri N.Sesha Reddy , Chairman  
Aditya Educational Group

**Patron**

Sri N.Satish Reddy , Vice Chairman  
Aditya Educational Group

**Chairman**

Prof. A Ramesh  
Principal,  
ADITYA COLLEGE OF ENGINEERING

**Conveners**

Mr Y.K. S. Subbarao  
Hod of Mechanical Engineering,  
Mr I Manoj Krishna  
Assistant Professor  
Aditya College of Engineering

**Organizing Committee**

1. Mr PSSVSR Krishna
2. Mr K VenuVardhan
3. Mr DVN Prasad
4. Mr M.PremKumarReddy
5. Mr MCH Prasad
6. Mr P HC Prasad

**Faculty Development Program  
on Recent Advances in Materials  
and Challenges in Manufacturing  
Techniques  
(27th may to 31 st may 2019)**

**27th may to 31 st may 2019**



Department of  
Mechanical Engineering

**ADITYA COLLEGE OF ENGINEERING**

Surampalem, ADB Road, E.G. Dt  
Pin 533 437, Andhra Pradesh, India  
Phone: 08852-252250, 252243, 200007  
Call: 99496 76662  
Email: office@acoe.edu.in



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Signed by: Adireddy Ramesh  
Reason: Self-Attestation  
Location: Kakinada, India  
Date: 24-Jun-2023 (02:56 PM)

## ABOUT THE INSTITUTION

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## ABOUT THE DEPARTMENT

Mechanical Engineering, Aditya College of Engineering, comprise of experienced faculty who are actively involved in research besides teaching. With an intake of 120, and over 60 well qualified teaching and non-teaching staff. The department aim at promoting quality and value based education by harnessing skills of students creating awareness on the advancements in mechanical engineering and preparing them for agile industry.

It has well equipped lab facilities with high speed leased line internet connectivity. Our students get selected through campus recruitments in top most companies like Tech-Mahindra, AGI Glaspac, Triveni turbines and others.

## FDP OBJECTIVES

The Primary focus of this FDP is to give insights on present trending topic on "Recent Advances in Materials and Challenges in Manufacturing Techniques"

## WHO CAN ATTEND

Any Faculty or students of Mechanical Engineering Department are eligible to attend this workshop which is very useful for clear understanding and development.

## RESOURCE PERSONS

Dr. JayaPrakash,  
Assoc Professor,  
VNR Vignan Joythi Engineering College  
Hyderabad.

## REGISTRATION FEE

Faculty registering for the FDPs are Required to pay Rs.500/- by Cash at registration Time.

The registration fee includes course material, Lunch & snacks.

You may confirm your participation through mail on or before 25-05-2019

## ACCOMMODATION:

Accommodation will be provided on request on First-come first-served basis.

For any further information, please contact the Conveners.

Address for Correspondence:

Mr. P HC Prasad  
Assistant Professor,  
9490072140

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Signed by: Adireddy Ramesh  
Reason: Self-Attestation  
Location: Kakinada, India  
Date: 24-Jun-2023 (02:56 PM)



# ADITYA COLLEGE OF ENGINEERING

Approved by AICTE, Permanently Affiliated to JNTUK & Accredited by NAAC

Recognized by UGC under section 2(f) of UGC Act 1956

Aditya Nagar, ADB Road, Surampalem - 533 437, E.G.Dist., Ph: 99631 76662.

## A REPORT ON

### Faculty Development Program on "Recent Advances in Materials and Challenges in Manufacturing Techniques"

Date: 27-05-2019 to 31-05-2019

#### FDP Overview:

The primary focus of this FDP is to give insights on present trending topic "Recent Advances in Materials and Challenges in Manufacturing Techniques"

#### Resource Person:

Dr. JayaPrakash,  
Assoc Professor,  
VNR Vignan Joythi Engineering College,  
Hyderabad

**Title:** Faculty Development Program on "Recent Advances in Materials and Challenges in Manufacturing Techniques"

#### Schedule of FDP:

Date: 27-05-2019 to 31-05-2019

Duration: 5 days

Timing: 09:30 A.M to 04:00 P.M

#### Target Audience:

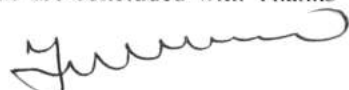
All the Faculty and students of Mechanical Department.

#### No of Faculty attended: 20

Department of ME conducted FDP on Solar Thermal Engineering for Sustainable Future with the permission from principal. Dr. Jaya Prakash, who is working as Assoc Professor VNR Vignan Joythi Engineering College Hyderabad was invited to be the resource person. Prepared poster and schedule for the program and sent circular to all faculty members.

The speaker described about Recent Advances in Materials and Challenges in Manufacturing Techniques very effectively. On Last day, Participants gave the feedback. The sessions are concluded with Thanks note to the speaker followed by Refreshments.

  
Coordinator

  
Head of the Department

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Signed by: Adireddy Ramesh  
Reason: Self-Attestation  
Location: Kakinada, India  
Date: 24-Jun-2023 (02:56 PM)

A FDP On  
"PERSONALITY DEVELOPMENT &  
LIFE SKILLS"  
15<sup>th</sup> – 19<sup>th</sup> October 2018

**REGISTRATION FORM**

1. Name: .....
2. Designation: .....
3. Highest Qualification: .....
4. Specialization: .....
5. Department: .....
6. Institution: .....
7. Address for communication: .....
- Pin ..... Mobile: .....
- E-mail: .....
8. Experience (Number of years): .....
- Teaching: ..... Industry: .....
10. Whether accommodation needed (Yes/No) .....

Participant: ..... Signature  
(Head of the Institution)

**Chief Patron**

Sri. N.Sesha Reddy,  
Chairman,  
Aditya Educational Group

**Patron**

Sri. N.Satish Reddy,  
Vice-Chairman,  
Aditya Educational Group

**Chairman**

Prof. A.Ramesh,  
Principal.

**Convener**

Dr.T. Durga Prasad  
HOD. Deat. of MBA

**Coordinators**

Mr. M. Govardhan Reddy  
Assistant Professor, Dept. of MBA

Mr. P. Sridevi,  
Assistant Professor, Dept. of MBA

**Organizing Committee**

Mr. V.Surendra  
Associate Professor, Dept. of MBA

Mr .N. Punnapu Chandrudu,  
Asst.Professor, Dept. of MBA

**A FACULTY DEVELOPMENT  
PROGRAMME on  
"PERSONALITY DEVELOPMENT  
& LIFE SKILLS"**

15<sup>th</sup> – 19<sup>th</sup> Oct 2018



Department of Management Studies

**ADITYA COLLEGE OF ENGINEERING**  
(Approved by AICTE, Affiliated to JNTUK)  
Aditya Nagar, ADB Road, Surampalem - 533 437

Phone: 08852-252243

Email: hodmba@acoe.edu.in



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### ABOUT ADITYA COLLEGE OF ENGINEERING

Aditya College of Engineering was established by Sarojini Educational Society in the year 2008 with the motto of providing quality education and quality training programmes to the young aspirants. It is a top ranked institution in engineering education in terms of academics & placements. It is situated in a serene, scenic, Wi-Fi enabled campus in Surampalem (between Kakinada and Rajahmundry in East Godavari District of Andhra Pradesh). Apart from continuous improvement of quality in teaching, the colleges lay significant emphasis on excellence in Research & Development. The college offers UG programs in EEE, ECE, ME, CSE, CE and PT, MBA and PG programs in PED, VLSID, CSE, CS & SE. The College has state of the art infrastructure, resource facilities, lecture halls, highly equipped labs, library & well-furnished canteen.

### ABOUT DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

The Department of Master of Business Administration comprises of experienced faculty who are actively involved in research besides teaching. The department aims at promoting quality and value based education by harnessing the skills of students, creating awareness on the advancement on Business Culture and preparing them for agile Industry.

### ABOUT FDP

The main theme of this FDP is "UNLEASH THE POTENTIAL OF WOMEN" and objective is to give a suitable platform to discussion and presentations about the part of women in entrepreneurship. It is a valuable for women in academicians, industrial professionals to rise in their respective field. The various aspects in entrepreneurship regarding women will be presented by prominent expert in the field of entrepreneurship, having adequate teaching and industrial experience. This workshop will offer a unique opportunity to the research scholars, academicians working in these areas to gain knowledge in current and relevant areas in entrepreneurship. This workshop contributes deeper insight and awareness to the participants about the recent advances in entrepreneurship.

### RESOURCE PERSON

Dr. K. Madhava Rao,  
Professor, MBA Dept.,  
GITAM - Vishakapatnam

### ELIGIBILITY

The FDP is for the faculty from AICTE approved Engineering colleges / Institutions and working professionals from Industries / R&D organizations with basic degree their respective discipline.

### REGISTRATION

Academia	Rs. 100/-
Industry	Rs. 500/-

Pay the fee at the time of registration at "Aditya College of Engineering", Surampalem.

### ACCOMMODATION

Accommodation will be provided on request on first-come first-serve basis. For further information, please contact the Coordinator.

### Address for Correspondance

Mr. M. Govardhan Reddy,  
Assistant Professor,  
MBA Department,  
Aditya College of Engineering,  
Surampalem.  
E.G.Dist. A.P-533437  
Mobile No. 9908049522.

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Signed by: Adireddy Ramesh  
Reason: Self-Attestation  
Location: Kakinada, India  
Date: 24-Jun-2023 (02:56 PM)



Date: 19-10-2018

## Department of Management Studies

### Report on Faculty Development Programme

Title: Five Days Faculty Development Program "Personality Development and life skills"

Date: 15<sup>th</sup> to 19<sup>th</sup>, October 2018

Venue: Seminar hall, Ramanujan Bhavan

Resource person: Dr. K. Madhava Rao, Professor, MBA Dept.,  
GITAM Institute of Management, Visakhapatnam.

### Report

Personality development and life skills are the collective exposure of personal character traits of an individual which can be his thought pattern, feelings, and emotional exuberance. Psychology treats personality development as an ongoing and dynamic process which is largely impacted by the atmosphere.

#### Basic Personality skills are

Thinking skills (critical thinking, creative thinking, problem solving, decision making)

Personal skills (self-awareness, self-management)

Interpersonal skills (communication skills, empathy, cooperation etc.)

It is important to each and every professional, academicians, should equip with

Personality development and life skills in Education about life skills **makes the individual able to improve**

**his knowledge, develop values and views**, meaning that the individual knows when and how to do a task. ☐

Life skills motivate healthy behavior and increase self-confidence.

Number of Participants: 21

Overall assessment: Good

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Signed by: Adireddy Ramesh  
Reason: Self-Attestation  
Location: Kakinada, India  
Date: 24-Jun-2023 (02:56 PM)

Academic year 2018-19

## Event Report

Name of the Program : Fire Safety and Protection  
Name of the Instructor : J.Ramanaiah, Assist. District Fire Officer, Kakinada.  
T N V S RAMACHANDRAN, Administrative Officer.  
Participants : Admin Staff and House Keepers.  
Duration of the Program : 1 day ( Morning 10am to 4pm on 07.06.2018)


### SUMMARY OF THE EVENT:

The course was inaugurated on 07.06.2018 at 9:30.AM by our respectable Principal Dr.T.RamaKrishna. As per the program plan, session was started and went smooth for rest of the day and training session was successfully completed.



ACOE\_Administrative Program on "Finance & Saving" on 07.06.2018

Total Strength : 51                      Mode of Program : Offline  
No of Participants appeared: 42

  
Administrative Office  
(A.O)

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Signed by: Adireddy Ramesh  
Reason: Self-Attestation  
Location: Kakinada, India  
Date: 13-Jul-2023 (03:15 PM)

  
PRINCIPAL  
PRINCIPAL  
Aditya College of Engineering  
SURAMPALAM-533 437





# ADITYA COLLEGE OF ENGINEERING

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Recognized by UGC under Section 2(f) of UGC Act, 1956

Aditya Nagar, ADB Road, Surampalem - 533 437, E.G.Dist., Ph: 99631 76662.

Academic year 2018-19

## Event Report

Name of the Program : Road Safety Awareness Program  
Name of the Instructor : G.Jaswanth rao, Retired Assistant RTO,Kakinada.

T N V S RAMACHANDRAN, Administrative Officer.

Participants : Drivers and Cleaners.  
Duration of the Program : 1 day ( Morning 10am to 4pm on 11.06.2018)


### SUMMARY OF THE EVENT:

The course was inaugurated on 11.06.2018 at 9:30.AM by our respectable Principal Dr.T.RamaKrishna. As per the program plan, session was started and went smooth for rest of the day and training session was successfully completed.



ACOE\_Administrative Program on "Road Safety Awareness Program" on  
11.06.2018

No of Participants appeared: 42      Mode of Program : Offline

  
Administrative Office  
(A.O)

  
PRINCIPAL  
Aditya College of Engineering  
SURAMPALAM-533 437

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