

# ADITYA ENGINEERING COLLEGE

An Autonomous Institution

Approved by AICTE • Permanently Affiliated to JNTUK • Accredited by NAAC with 'A' Grade

Recognised by UGC under sections 2(f) and 12(B) of UGC Act, 1956

Aditya Nagar, ADB Road, Surampalem - 533437, Near Kakinada, E.G.Dt., Ph:99498 76662

## Number of professional development /administrative training programs organized by the institution for teaching and non teaching staff

### Academic Year 2019-20

Faculty Development Programs					
S.No	Title	Department	Date(s)	No. of Participants	Page Number
1	FDP on "Natural Gas Hazards"	CE	04-06-2019 to 08-06-2019	35	1
2	FDP on "Modeling and analysis using solid works"	CE	16-09-2019 to 20-09-2019	33	8
3	FDP on "Stress Ribbon Bridge"	CE	16-03-2020 to 20-03-2020	34	16
4	FDP on Recent Trends and Application's in Smart Grid and Microgrids	EEE	08-07-2019 to 12-07-2019	35	23
5	FDP on Structural Analysis Using Abacus	ME	14-11-2019 to 16-11-2019	30	31
6	FDP on "Internal Combustion Engine"	ME	09-12-2019 to 11-12-2019	38	38
7	FDP on Recent Research Trends in Image Processing	ECE	18-11-2019 to 23-11-2019	33	45
8	FDP on Electromagnetics, RF and radar Signal Processing	ECE	17-02-2020 to 22-02-2020	48	52
9	5-day FDP on Distributed Computing using Spark	CSE	22-07-2019 to 26-07-2019	35	59
10	FDP on Python Web Application Development Using Flask and Django	CSE	15-07-2019 to 20-07-2019	32	68
11	FDP on Bigdata & Hadoop	IT	03-02-2020 to 07-02-2020	30	77
12	Workshop on "Downstream Processing of oil and Gas, Petroleum refining"	PT	03-06-2019 to 07-06-2019	15	85

13	FDP on "Flow Assurance in Upstream Oil and Gas Industry"	PT	13-08-2019 to 17-08-2019	15	91
14	FDP on "Python programming for petroleum engineers"	PT	02-01-2020 to 06-01-2020	15	97
15	FDP on IoT and its applications in Petroleum industry	PT	03-02-2020 to 07-02-2020	15	104
16	FDP on Mathematical Science and Its Recent Advancements	H&BS	16-08-2019 to 20-08-2019	35	111
17	FDP on Strategies for Management Research	MS	07-10-2019 to 11-10-2019	36	119
18	FDP on Big data & Hadoop	MCA	10-03-2020 to 14-03-2020	40	128



## FDP on "Natural Gas Hazards"

### 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) .....
11. DD No and date: .....

Signature  
(Participant)

(Head of the Institution)

### Chief Patron

**Sri. N. Sessa Reddy**

Chairman,  
Aditya Educational Group

**Sri. N. Satish Reddy**

Vice-Chairman,  
Aditya Educational Group

### Patron

**Dr. M. Srinivasa Reddy**

Principal,  
ADITYA ENGINEERING COLLEGE

### Convenor

Mr. Pilla Ravi Kishore  
Assistant Professor & HOD  
Department of Civil Engineering

### Coordinator

Mr. Gaddam Dinesh  
Assistant Professor,  
Department of Civil Engineering

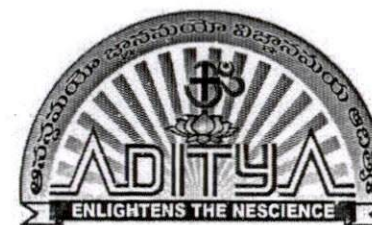
### Organizing Committee

Mr. Pilla Ravi Kishore  
Assistant Professor  
Department of Civil Engineering

Mr. Hemanth Jamisetty  
Assistant Professor  
Department of Civil Engineering

## FDP on "Natural Gas Hazards"

04-06-2019 to 08-06-2019



Organised by  
**Department of Civil Engineering**

**ADITYA ENGINEERING COLLEGE**  
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Aditya Nagar, ADB Road, Surampalem - 533 437



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ADITYA ENGINEERING COLLEGE  
SURAMPALAM - 533 437



### **ABOUT ADITYA ENGINEERING COLLEGE**

Aditya Engineering College was established in the academic year 2001-02 under the aegis of Aditya Academy, Kakinada with the approval of AICTE and Affiliated to JNTU with an intake of 180 in three UG Courses in Engineering & Technology.

The College has four academic Buildings with a total carpet area of 35,425 Sq. Mts. apart from two boys hostels and one girls hostel buildings.

It is approved by AICTE, recognized by Govt. of Andhra Pradesh, permanently affiliated to Jawaharlal Nehru Technological University Kakinada (JNTUK) and is accredited by National Assessment And Accreditation Council (NAAC) with 'A' Grade. The college also received UGC recognition under Sections 2(f) and 12 (B) of the UGC Act.

### **About the Department of Civil Engineering**

'Apara Bhageeratha' - Sir Arthur Cotton remains revered and enjoys the pride of place in the hearts of the people in coastal Andhra Pradesh for being the genius architect behind the projects that made the delta region the 'Rice Bowl' for the state. With this inspiration taken from the genius architect, the department of Civil Engineering at Aditya transfers innovative applications to improve Civil Engineering practices which fulfill the requirements of civil construction industry.

### **ABOUT FDP**

While natural gas is considered the safest and cleanest fossil fuel for domestic and industrial use, there are inherent dangers to remember. Natural gas is non-toxic (non-poisonous), but can cause death by suffocation if the gas displaces the air in a confined space. A person will experience the following effects as gas concentration increases: At 25 to 30% gas in air, the oxygen deficiency can cause ringing ears, euphoria, and unexplained behavioral changes.

#### **Agenda/Event Flow:**

- Day:1 Introduction to natural hazards and its causes.
- Day:2 Overview of several case studies on natural hazards.
- Day:3 Discussion on causes, remedies and precautions to reduce the vulnerability and casualties.
- Day:4 Modern solutions for natural hazards and queries on the session

#### **Outcomes**

- ☐ Participants are able to give precautions and find the solutions to natural gas hazards.
- ☐ Participants learn the concept of natural gas hazards.

### **RESOURCE PERSON**

#### **1. Mr. K Narendra Brahmaji**

Assistant Professor,  
Department of Civil Engineering  
Lenora Engineering College  
Rampachodavaram

#### **2. Dr. Srinivas Palanki**

Professor,  
Chemical Engineering Department  
Pandit Deendayal Energy university  
Ghandinagar

#### **Address for Correspondance**

Mr. Gaddam Dinesh  
Assistant Professor,  
Department of Civil Engineering,  
Aditya Engineering College,  
Surampalem.  
E.G.Dist. A.P-533437  
MobileNo.7446190014

*Dr. S. N.*  
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**SURAMPALEM - 533 437**



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## Department of Civil Engineering

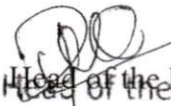
Date: 03-06-2019

### CIRCULAR

All the faculty Members are hereby informed that a FDP is being organized by Department of Civil Engineering on "**Natural Gas Hazards**" from 04-06-2019 to 08-06-2019. Hence, the interested faculty from Civil, Mechanical and Agricultural Engineering are advised to register their names with the programme coordinator **Mr. Gaddam Dinesh**, Assistant Professor, Department of C.E. on or before 04-06-2019.

**Venue:** Bill Gates Bhavan -301

**Timings:** 9:30 AM to 3:30 PM

  
Head of the Department  
Dept. of Civil Engineering  
ADITYA ENGINEERING COLLEGE (A9)

  
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## FDP on "Natural Gas Hazards"

### Attendance sheet of participants

S.no	Name	College	04-06-2019	05-06-2019	06-06-2019	07-06-2019	08-06-2019
1	MR. GADDAM DINESH	AEC	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
2	MR. GOUTHAM VALLOJU	AEC	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
3	MR. HEMANTH JAMISSETTY	AEC	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
4	MR. KRISHNAKANTH GUMMIDI	AEC	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
5	MR. PILLA RAVI KISHORE	AEC	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
6	MR. SEELAM NAGENDRA	AEC	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
7	MR. SHIVA KUMAR PENUGONDA	AEC	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
8	MR. TIRIVEEDI SAI KRISHNA	AEC	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
9	MS. DEVI CHUKKALA	AEC	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
10	MS. JYOTHSUSHMA BANDARU	AEC	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
11	MR. MUDDIDI RAMBABU	ACET	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
12	MR. PANDIRI JAI KISHAN	ACET	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
13	MS. KODIMELA KEERTHI	ACET	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
14	MR. KUNCHA SATYANARAYANA	ACET	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
15	MR. CHALLA NAGAVARDHAN	ACET	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
16	MR. CHITTURI RAMPRASAD	ACET	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
17	MS. RASAMSETTI SIVA MANGA JYOTHI	ACET	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
18	MS. AYITHAMPUDI SWATHI	ACET	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
19	MR. PENUMUTCHI SATEESH	ACET	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
20	MR. ABDUL ARIF	ACET	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
21	DR. SANTOSH KUMAR DASH	AEC	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
22	DR. VALETI SRINIVAS VISWANATH	AEC	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
23	DR. VARAPRASAD BHEMUNI	AEC	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
24	DR. VENKATA KAMESH VINJAMURI	AEC	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
25	MR. D V V S BHIMESHWAR REDDY SARAGADA	AEC	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
26	MR. AKBARBASHA SHAIK	AEC	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
27	MR. DEVARAPALLI RAVITEJA	AEC	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
28	MR. DURGA VENKATESH JANAKI	AEC	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
29	MR. JAGATHANI RAJASEKHAR	AEC	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
30	MR. KAGITHAPU RAJENDRA	AEC	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
31	Y DINESH	PEC	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
32	M MEGHANADH	PEC	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
33	N RAGHAVENDRA	PEC	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
34	D RAM RAHUL	PEC	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
35	Y RAMBABU	PEC	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]

Coordinator

[Signature]

Head of the Department

Head of the Department  
Dept. of Civil Engineering  
ADITYA ENGINEERING COLLEGE

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ADITYA ENGINEERING COLLEGE  
SURAMPALAM



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## Department of Civil Engineering

Date: 11-06-2019

### Report on

### FDP on "Natural Gas Hazards"

**Title:** FDP on Natural Gas Hazards.

#### **Introduction to Event:**

A One-week FDP on "Natural Gas Hazards" was conducted at Aditya Engineering College (A), Surampalem by the department of CE to make awareness and to improve the skills of faculty in the concept of Natural Gas Hazards. Potential hazards include fire, explosion or suffocation, however natural gas alone will not burn or explode. It needs the right amount of air and an ignition source. More than half of the reported natural gas accidents are caused by people digging before utility lines are marked. Present FDP deals with different natural hazard causes, precautions and remedies.

**Event Dates:** 04-06-2019 to 08-06-2019

**Number of Days:** One week

**Co-Ordinator:** Mr. Gaddam Dinesh, Assistant Professor, Department of CE.

#### **Agenda/Event Flow:**

1. Introduction to natural hazards and its causes.
2. Overview of several case studies on natural hazards.
3. Discussion on causes, remedies and precautions to reduce the vulnerability and casualties.
4. Modern solutions for natural hazards and queries on the session.

**No. of Participants:** 35

**Experts with Designation:** Mr. K Narendra Brahmaji, Assistant Professor

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**SURAMPALAM - 533 437**



**Experts' Profile:** Mr. K Narendra Brahmaji is an Assistant Professor in civil department of Lenora Engineering College, Rampachodavaram. Mr. K Narendra Brahmaji completed post-graduation in Structural engineering specialization.

**Venue:** Seminar Hall, Aditya Engineering College.

**Hospitality/Accommodation:** Yes

**Staffing:**

1. Ms. Garaga Rajyalakshmi, Assistant Professor.
2. Mr. Seelam Nagendra, Assistant Professor.

**Outcomes:**

- Participants are able to give precautions and find the solutions to natural gas hazards.
- Participants learn the concept of natural gas hazards.

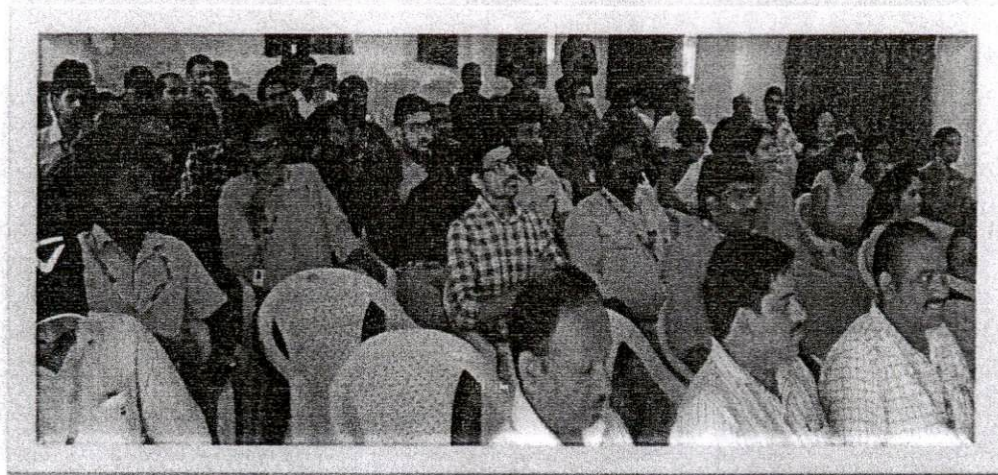
**Conclusive Remarks:**

This FDP on “**Natural Gas Hazards**” was conducted successfully fulfilling the goal of making faculty from CE department learn about “**Natural Gas Hazards**”. As it was one of the good opportunities, all the participants were involved and interacted well. Finally, the program successfully came to end by giving necessary knowledge to faculty in the field of “**hazard management**” in Civil Engineering.




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**SURAMPALEM - 533 437**

Photos:



Participants at FDP on "Natural Gas Hazards"

  
Co-Ordinator

  
Head of the Department  
Head of the Department  
Dept. of Civil Engineering  
ADITYA ENGINEERING COLLEGE (A9)

  
**PRINCIPAL**  
**ADITYA ENGINEERING COLLEGE**  
**SURAMPalem - 533 437**

## FDP on "Modeling and analysis using solidworks"

### 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) .....
11. DD No and date: .....

Signature  
(Participant)

(Head of the Institution)

### Chief Patron

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

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

### Patron

**Dr. M. Srinivasa Reddy**  
Principal  
ADITYA ENGINEERING COLLEGE

### Convenor

Mr. P. Ravikishore,  
Assistant Professor & HOD  
Department of Civil Engineering

### Coordinators

Ms. Kotapalli Lakshmi  
Assistant Professor  
Department of Civil Engineering

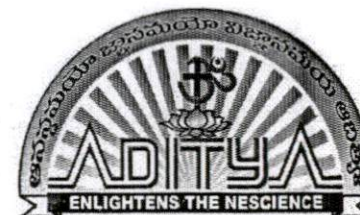
### Organizing Committee

Mr. Goutham Valloju  
Assistant Professor  
Department of Civil Engineering

Ms. Devi Chukkala  
Assistant Professor  
Department of Civil Engineering

## FDP on "Modeling and analysis using solid works"

16-09-2019 to 20-09-2019



Organised by  
**Department of Civil Engineering**

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Sri  
PRINCIPAL  
ADITYA ENGINEERING COLLEGE  
SURAMPALAM - 533 437



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### **ABOUT FDP**

SOLIDWORKS focuses on quickly creating 3D solid models of your design, rapidly creating both complex parts and assemblies on screen in 3D as oppose to flat 2D drawings which in turn leads to: Faster design development and detailing Improved visualization and communication Assess design functionality and performance prior to prototype production Auto generated manufacturing data for 3D solid models which use programming CNC machine tools.

#### **Agenda/Event Flow:**

- Day:1 Introduction to Solid works.
- Day:2 Applications of solid works over other software.
- Day:3 Generation of models in solid works.
- Day:4 Introduction to analysis and detailed analysis.

#### **Outcomes**

- ☐ Participants will be familiarized with the usage of solidworks.
- ☐ Participants can apply the knowledge gained in the modelling and analysis using solidworks.

### **RESOURCE PERSON**

#### **1. Dr. Thainswemong Choudhury**

Associate Professor  
Department of Civil  
SRM University  
Amaravathi.

#### **2. Dr. Amirtham Rajagopal**

Professor  
Department of Civil Engineering  
Indian Institute of Technology Hyderabad

#### **Address for Correspondance**

Ms. Kotapalli Lakshmi  
Assistant Professor  
Department of Civil Engineering  
Aditya Engineering College,  
Surampalem.  
E.G.Dist. A.P. -533437  
Mobile No. 8001677784

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**PRINCIPAL**  
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**SURAMPalem - 533 437**



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## Department of Civil Engineering

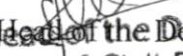
Date: 14-09-2019

### CIRCULAR

All the faculty Members are hereby informed that a FDP is being organized by Department of Civil Engineering on "**Modeling and analysis using solid works**" from 16-09-2019 to 20-09-2019. Hence, the interested faculty from Civil, Mechanical and Agricultural Engineering are advised to register their names with the programme coordinator **Ms. Kotapalli Lakshmi**, Assistant Professor, Department of C.E. on or before 16-09-2019.

**Venue:** Bill Gates Bhavan -301

**Timings:** 9:30 AM to 3:30 PM

  
Head of the Department  
Dept. of Civil Engineering  
ADITYA ENGINEERING COLLEGE (A9)

  
PRINCIPAL  
ADITYA ENGINEERING COLLEGE  
SURAMPAL E.M.T.





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## FDP on "Modeling and analysis using solid works"


Attendance sheet of participants							
S.no	Name	College	16-09-2019	17-09-2019	18-09-2019	19-09-2019	20-09-2019
1	DR. KONDAPPAGARI NARASIMHULU	AEC	Narasim	Narasim	Narasim	Narasim	Narasim
2	DR. N. L. NARASIMHA RAO	AEC	Rao	Rao	Rao	Rao	Rao
3	DR. S. GOVINDARAJAN	AEC	S. Govin	S. Govin	S. Govin	S. Govin	S. Govin
4	MR. ADARI SATISH KUMAR	AEC	Kumar	Kumar	Kumar	Kumar	Kumar
5	MR. DAMMALA PRADEEP KUMAR	AEC	Pradeep	Pradeep	Pradeep	Pradeep	Pradeep
6	MR. GADDAM DINESH	AEC	Gaddam	Gaddam	Gaddam	Gaddam	Gaddam
7	MR. GOUTHAM VALLOJU	AEC	G	G	G	G	G
8	MR. HEMANTH JAMISSETTY	AEC	Hemant	Hemant	Hemant	Hemant	Hemant
9	MR. KRISHNAKANTH GUMMIDI	AEC	Krishna	Krishna	Krishna	Krishna	Krishna
10	MR. PILLA RAVI KISHORE	AEC	P. Ravi	P. Ravi	P. Ravi	P. Ravi	P. Ravi
11	MR. SEELAM NAGENDRA	AEC	S. Nagendra	S. Nagendra	S. Nagendra	S. Nagendra	S. Nagendra
12	MR. SHIVA KUMAR PENUGONDA	AEC	Shiv Kumar	Shiv Kumar	Shiv Kumar	Shiv Kumar	Shiv Kumar
13	MR. TIRIVEEDHI SAI KRISHNA	AEC	Sai	Sai	Sai	Sai	Sai
14	MS. DEVI CHUKKALA	AEC	D. Chuk	D. Chuk	D. Chuk	D. Chuk	D. Chuk
15	MS. JYOTHSUSHMA BANDARU	AEC	Bandaru	Bandaru	Bandaru	Bandaru	Bandaru
16	MS. K. HIMA BINDU	AEC	K. Hima	K. Hima	K. Hima	K. Hima	K. Hima
17	MR. E. NANDISH GOUD	AEC	E. Nandish	E. Nandish	E. Nandish	E. Nandish	E. Nandish
18	MS. M. INDRAJA	AEC	M. Indraj	M. Indraj	M. Indraj	M. Indraj	M. Indraj
19	MR. Y. JESUS SARATH CHANDRA	AEC	Sarath	Sarath	Sarath	Sarath	Sarath
20	MR. T. RAJA AVINASH	AEC	T. Raj	T. Raj	T. Raj	T. Raj	T. Raj
21	MR. N.V. GOWTHAM DEEKSHITHULU	AEC	Gowtham	Gowtham	Gowtham	Gowtham	Gowtham

  
Coordinator

  
PRINCIPAL  
ADITYA ENGINEERING COLLEGE  
SURAMPALAM - 533 437

S.no	Name	College	16-09-2019	17-09-2019	18-09-2019	19-09-2019	20-09-2019
22	MR. YATHAM VENKATA KRISHNA REDDY	AEC	<i>Yatham</i>	<i>Yatham</i>	<i>Yatham</i>	<i>Yatham</i>	<i>Yatham</i>
23	MR. RAHUL KUMAR GUPTA	AEC	<i>Rahul</i>	<i>Rahul</i>	<i>Rahul</i>	<i>Rahul</i>	<i>Rahul</i>
24	MR. VIKRAM SINGH	AEC	<i>Lee</i>	<i>Lee</i>	<i>Lee</i>	<i>Lee</i>	<i>Lee</i>
25	MS. GAYAM SUJATHA	AEC	<i>Say</i>	<i>Say</i>	<i>Say</i>	<i>Say</i>	<i>Say</i>
26	MS. JARUGULA PAVANI	AEC	<i>Pavani</i>	<i>Pavani</i>	<i>Pavani</i>	<i>Pavani</i>	<i>Pavani</i>
27	MR. VEDANTAM SAI KRISHNA	AEC	<i>vedant</i>	<i>vedant</i>	<i>vedant</i>	<i>vedant</i>	<i>vedant</i>
28	MS. YARLAGADDA NAGA LAKSHMI	AEC	<i>Naga</i>	<i>Naga</i>	<i>Naga</i>	<i>Naga</i>	<i>Naga</i>
29	MS. SAGILI JHANSI LAKSHMI	AEC	<i>Sagili</i>	<i>Sagili</i>	<i>Sagili</i>	<i>Sagili</i>	<i>Sagili</i>
30	DR. A. NEERAJA	AEC	<i>Neeraj</i>	<i>Neeraj</i>	<i>Neeraj</i>	<i>Neeraj</i>	<i>Neeraj</i>
31	DR. BADAMPUDI KRISHNAVENI	AEC	<i>Krishna</i>	<i>Krishna</i>	<i>Krishna</i>	<i>Krishna</i>	<i>Krishna</i>
32	DR. CHENNAMSETTY VENKATA SIVARAM PRASAD	AEC	<i>Chennam</i>	<i>Chennam</i>	<i>Chennam</i>	<i>Chennam</i>	<i>Chennam</i>
33	DR. GIRAJALA CHINNA RAM	AEC	<i>Girajala</i>	<i>Girajala</i>	<i>Girajala</i>	<i>Girajala</i>	<i>Girajala</i>

  
Coordinator

  
Head of the Department  
Head of the Department  
Dept. of Civil Engineering  
ADITYA ENGINEERING COLLEGE (A9)

  
PRINCIPAL  
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SURAMPALAM - 533 437





# ADITYA ENGINEERING COLLEGE

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## Department of Civil Engineering

Date: 23-09-2019

### Report on

### FDP on "Modelling and analysis using solidworks"

**Title:** FDP on Modelling and analysis using solid works.

#### **Introduction to Event:**

A Five-day FDP on "Modelling and analysis using solidworks" was conducted at Aditya Engineering College (A), Surampalem by the department of CE to make faculty to improve their skills in solidworks. Solidworks is a solid modelling computer aided design application. It has wide range of applications in mechanical as well as in structural fields. Solidworks gives users to generate 3D and 2d models. By using solidworks one can generate and model critical sections and analysis can be carried out. In this FDP, faculty are going to learn the procedure of modelling, analysis and the knowledge of solidworks usage in civil engineering.

**Event Dates:** 16-09-2019 to 20-09-2019

**Number of Days:** Five days

**Co-Ordinator:** Ms. Kotapalli Lakshmi, Associate Professor, Department of CE.

#### **Agenda/Event Flow:**

1. Introduction to Solidworks.
2. Applications of solidworks over other software.
3. Generation of models in solidworks.
4. Introduction to analysis and detailed analysis.

**No. of Participants:** 33

**Experts with Designation:** Dr. Thainswemong Choudhury, Associate Professor

**Experts' Profile:** Dr. Thainswemong Choudhury is an Associate Professor and Web coordinator in civil department of SRM University, Amaravathi. Dr. Thainswemong Choudhury has major interest on Seismic assessment and strengthening of masonry buildings and Numerical simulation and design of structures.

  
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SURAMPALAM

**Experts' Profile:** Dr. Thainswemong Choudhury is an Associate Professor and Web coordinator in civil department of SRM University, Amaravathi. Dr. Thainswemong Choudhury has major interest on Seismic assessment and strengthening of masonry buildings and Numerical simulation and design of structures.

**Venue:** Seminar Hall, Aditya Engineering College.

**Hospitality/Accommodation:** Yes

**Staffing:**

1. Ms. Devi Chukkala, Assistant Professor.
2. Mr. Dammala Pradeep Kumar, Assistant Professor.

**Outcomes:**

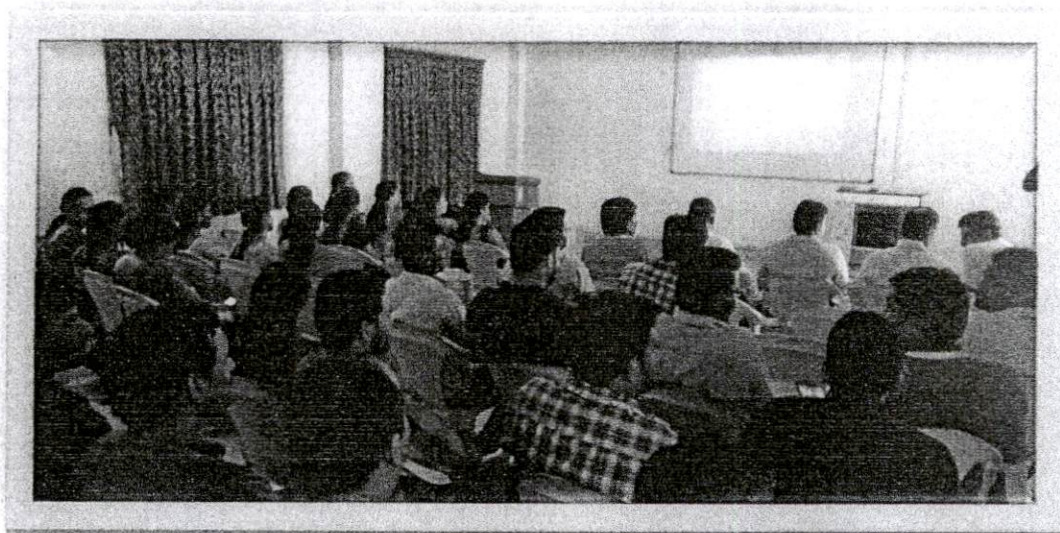
- Participants have become familiarized with the usage of solidworks.
- Participants applied the knowledge gained in the modelling and analysis using solidworks.

**Conclusive Remarks:**

This PDP on “**Modelling and analysis using solidworks**” was conducted successfully fulfilling the goal of making faculty from CE department learn about “**Solidworks**”. As it was one of the good opportunities, all the participants were involved and interacted well. Finally, the program successfully came to end by giving necessary knowledge to faculty in the field of “**Solidworks modelling**” in Civil Engineering. This learning experience covered a wide range of application and time saving techniques in the field of tool-based learning.

  
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**SURAMPALEM - 522 001**

Photos:



Participants at FDP on "Modelling and analysis using solidworks"

Co-Ordinator

Head of the Department  
Head of the Department  
Dept. of Civil Engineering  
ADITYA ENGINEERING COLLEGE (A9)

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CHITAMPAL



## FDP on "Stress Ribbon Bridge"

### 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) .....
11. DD No and date: .....

Signature  
(Participant)

(Head of the Institution)

### Chief Patron

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

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

### Patron

**Dr. M. Srinivasa Reddy**  
Principal,  
ADITYA ENGINEERING COLLEGE

### Convenor

Mr. P. Ravikishore  
Asst. Professor & HOD,  
Department of Civil Engineering

### Coordinators

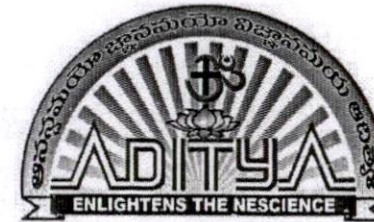
Dr. Kondappagari Narasimhulu  
Professor,  
Department of Civil Engineering

### Organizing Committee

Mr. Adari Satish Kumar  
Assistant Professor  
Department of Civil Engineering

Mr. Hemanth Jamisetty  
Assistant Professor  
Department of Civil Engineering

## FDP on "Stress Ribbon Bridge" 16-03-2020 to 20-03-2020



Organised by  
**Department of Civil Engineering**

**ADITYA ENGINEERING COLLEGE**  
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Recognized by UGC under section 2(f) & 12(b) of UG act, 1956  
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**SURAMPALAM - 533 437**



### ABOUT ADITYA ENGINEERING COLLEGE

Aditya Engineering College was established in the academic year 2001-02 under the aegis of Aditya Academy, Kakinada with the approval of AICTE and Affiliated to JNTU with an intake of 180 in three UG Courses in Engineering & Technology.

The College has four academic Buildings with a total carpet area of 35,425 Sq. Mts. apart from two boys hostels and one girls hostel buildings.

It is approved by AICTE, recognized by Govt. of Andhra Pradesh, permanently affiliated to Jawaharlal Nehru Technological University Kakinada (JNTUK) and is accredited by National Assessment And Accreditation Council (NAAC) with 'A' Grade. The college also received UGC recognition under Sections 2(f) and 12 (B) of the UGC Act.

### About the Department of Civil Engineering

'Apara Bhageeratha' - Sir Arthur Cotton remains revered and enjoys the pride of place in the hearts of the people in coastal Andhra Pradesh for being the genius architect behind the projects that made the delta region the 'Rice Bowl' for the state. With this inspiration taken from the genius architect, the department of Civil Engineering at Aditya transfers innovative applications to improve Civil Engineering practices which fulfill the requirements of civil construction industry.

### ABOUT FDP

The suspension cables are embedded in the deck, which follows a catenary arc between supports. Unlike the simple span, the ribbon is stressed in traction, which adds to the stiffness of the structure (simple suspension spans tend to sway and bounce).he supports in turn sustain upward-thrusting arcs that allow the grade to be changed between spans (where multiple spans are used).

### Agenda/Event Flow:

Day1: Introduction to Stress Ribbon Bridge.

Day2: Comparison and applications among other bridges.

Day3: Super structure, substructure and ground conditions for stress ribbon bridge.

Day4: Comparison with a simple suspension bridge and construction techniques.

Day5: Advantages and conclusions and queries discussion.

### Outcomes

☐ Participants able to learn the usage of slender decks and post tensioning techniques in the bridges.

☐ Participants can apply the knowledge gained in the designing of Innovative Structures

### RESOURCE PERSON

1. Dr. Anil Agarwal  
Assistant Professor  
Department of Civil Engineering  
Indian Institute of Technology Hyderabad

2. Mr. Yetirajulu Amara  
Associate Professor  
Department of Civil  
Lenora Engineering college  
Rampachodavaram.

### Address for Correspondance

Dr. Kondappagari Narasimhulu  
Professor,  
Department of Civil Engineering  
Aditya Engineering College,  
Surampalem.  
E.G. Dist. A.P-533437  
MobileNo.7396872976.

*Signature*  
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## Department of Civil Engineering

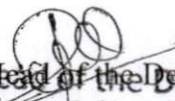
Date: 14-03-2020

### CIRCULAR

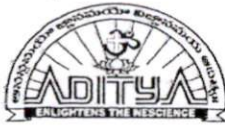
All the faculty Members are hereby informed that an FDP is being organized by Department of Civil Engineering on “**Stress Ribbon Bridge**” from 16-03-2020 to 20-03-2020. Hence, the interested faculty from Civil, Mechanical and Agricultural Engineering are advised to register their names with the programme coordinator **Dr. Kondappagari Nārasimhulu**, Professor, Department of C.E. on or before 16-03-2020.

**Venue:** Cotton bhavan

**Timings:** 9:30 AM to 3:30 PM

  
Head of the Department  
Dept. of Civil Engineering  
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## FDP on "Stress Ribbon Bridge"

Attendance sheet of participants							
S.no	Name	College	16-03-2020	17-03-2020	18-03-2020	19-03-2020	20-03-2020
1	DR. KONDAPPAGARI NARASIMHULU	AEC	K. Kondappagari	K. Kondappagari	K. Kondappagari	K. Kondappagari	K. Kondappagari
2	DR. N. L. NARASIMHA RAO	AEC	N. L. Narasimha Rao	N. L. Narasimha Rao	N. L. Narasimha Rao	N. L. Narasimha Rao	N. L. Narasimha Rao
3	DR. S. GOVINDARAJAN	AEC	S. Govindarajan	S. Govindarajan	S. Govindarajan	S. Govindarajan	S. Govindarajan
4	MR. ADARI SATISH KUMAR	AEC	Adari Satish Kumar	Adari Satish Kumar	Adari Satish Kumar	Adari Satish Kumar	Adari Satish Kumar
5	MR. DAMMALA PRADEEP KUMAR	AEC	Dammala Pradeep Kumar	Dammala Pradeep Kumar	Dammala Pradeep Kumar	Dammala Pradeep Kumar	Dammala Pradeep Kumar
6	MR. GADDAM DINESH	AEC	Gaddam Dinesh	Gaddam Dinesh	Gaddam Dinesh	Gaddam Dinesh	Gaddam Dinesh
7	MR. GOUTHAM VALLOJU	AEC	Goutham Valloju	Goutham Valloju	Goutham Valloju	Goutham Valloju	Goutham Valloju
8	MR. HEMANTH JAMISSETTY	AEC	Hemant Jamisetty	Hemant Jamisetty	Hemant Jamisetty	Hemant Jamisetty	Hemant Jamisetty
9	MR. KRISHNAKANTH GUMMIDI	AEC	Krishnakanth Gummidi	Krishnakanth Gummidi	Krishnakanth Gummidi	Krishnakanth Gummidi	Krishnakanth Gummidi
10	MR. PILLA RAVI KISHORE	AEC	Pilla Ravi Kishore	Pilla Ravi Kishore	Pilla Ravi Kishore	Pilla Ravi Kishore	Pilla Ravi Kishore
11	MR. SEELAM NAGENDRA	AEC	Seelam Nagendra	Seelam Nagendra	Seelam Nagendra	Seelam Nagendra	Seelam Nagendra
12	MR. SHIVA KUMAR PENUGONDA	AEC	Shiva Kumar Penugonda	Shiva Kumar Penugonda	Shiva Kumar Penugonda	Shiva Kumar Penugonda	Shiva Kumar Penugonda
13	MR. TIRIVEEDHI SAI KRISHNA	AEC	Tiriveedhi Sai Krishna	Tiriveedhi Sai Krishna	Tiriveedhi Sai Krishna	Tiriveedhi Sai Krishna	Tiriveedhi Sai Krishna
14	MS. DEVI CHUKKALA	AEC	Devi Chukkala	Devi Chukkala	Devi Chukkala	Devi Chukkala	Devi Chukkala
15	MS. JYOTHSUSHMA BANDARU	AEC	Jyothsushma Bandaru	Jyothsushma Bandaru	Jyothsushma Bandaru	Jyothsushma Bandaru	Jyothsushma Bandaru
16	MS. KOTAPALLI LAKSHMI	AEC	Kotapalli Lakshmi	Kotapalli Lakshmi	Kotapalli Lakshmi	Kotapalli Lakshmi	Kotapalli Lakshmi
17	MR. MARABATHINA MAHESWARA RAO	ACET	Marabathina Maheswara Rao	Marabathina Maheswara Rao	Marabathina Maheswara Rao	Marabathina Maheswara Rao	Marabathina Maheswara Rao
18	MR. AYINALA NAGA SAI	ACET	Ayinala Naga Sai	Ayinala Naga Sai	Ayinala Naga Sai	Ayinala Naga Sai	Ayinala Naga Sai
19	MR. SAYAPANAYANI SIVACHARAN	ACET	Sayapanayani Sivacharan	Sayapanayani Sivacharan	Sayapanayani Sivacharan	Sayapanayani Sivacharan	Sayapanayani Sivacharan
20	MR. SHUKOOR MOHAMMAD ABDUL	ACET	Shukoor Mohammad Abdul	Shukoor Mohammad Abdul	Shukoor Mohammad Abdul	Shukoor Mohammad Abdul	Shukoor Mohammad Abdul
21	MS. VASAMSETTY NAGA KALYANI	ACET	Vasamsetty Naga Kalyani	Vasamsetty Naga Kalyani	Vasamsetty Naga Kalyani	Vasamsetty Naga Kalyani	Vasamsetty Naga Kalyani
22	MR. CHALUMURI BHASKARA RAO	ACET	Chalumuri Bhaskara Rao	Chalumuri Bhaskara Rao	Chalumuri Bhaskara Rao	Chalumuri Bhaskara Rao	Chalumuri Bhaskara Rao
23	MS. KESANAKURTHI DURGA BHAVANI	ACET	Kesanakurthi Durga Bhavani	Kesanakurthi Durga Bhavani	Kesanakurthi Durga Bhavani	Kesanakurthi Durga Bhavani	Kesanakurthi Durga Bhavani
24	MS. DIVYA TEJASWI MUNDURI	ACET	Divya Tejaswi Munduri	Divya Tejaswi Munduri	Divya Tejaswi Munduri	Divya Tejaswi Munduri	Divya Tejaswi Munduri
25	MS. ASAPU SATYA SWETHA SRI	ACET	Asapu Satya Swetha Sri	Asapu Satya Swetha Sri	Asapu Satya Swetha Sri	Asapu Satya Swetha Sri	Asapu Satya Swetha Sri
26	MR. MATTAPALLI MALLIKARJUN	ACET	Mattapalli Mallikarjun	Mattapalli Mallikarjun	Mattapalli Mallikarjun	Mattapalli Mallikarjun	Mattapalli Mallikarjun
27	SRI K. KRISHNA	AITAM	K. Krishna	K. Krishna	K. Krishna	K. Krishna	K. Krishna
28	SRI B. VENKATA RAMANA	AITAM	B. Venkata Ramana	B. Venkata Ramana	B. Venkata Ramana	B. Venkata Ramana	B. Venkata Ramana
29	MS. K. DIVYA	AITAM	K. Divya	K. Divya	K. Divya	K. Divya	K. Divya
30	DR. G SANTOSH KUMAR	AITAM	G. Santosh Kumar	G. Santosh Kumar	G. Santosh Kumar	G. Santosh Kumar	G. Santosh Kumar
31	DR. MEDAPATI SREENIVASA REDDY	AEC	Medapati Sreenivasa Reddy	Medapati Sreenivasa Reddy	Medapati Sreenivasa Reddy	Medapati Sreenivasa Reddy	Medapati Sreenivasa Reddy
32	DR. PRITAM KUMAR DAS	AEC	Pritam Kumar Das	Pritam Kumar Das	Pritam Kumar Das	Pritam Kumar Das	Pritam Kumar Das
33	DR. S. RANJIT PASUPULETI	AEC	S. Ranjit Pasupuleti	S. Ranjit Pasupuleti	S. Ranjit Pasupuleti	S. Ranjit Pasupuleti	S. Ranjit Pasupuleti
34	DR. SANTOSH KUMAR DASH	AEC	Santosh Kumar Dash	Santosh Kumar Dash	Santosh Kumar Dash	Santosh Kumar Dash	Santosh Kumar Dash

Coordinator

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ADITYA ENGINEERING COLLEGE  
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Head of the Department  
Head of the Department  
Dept. of Civil Engineering  
ADITYA ENGINEERING COLLEGE (AEC)





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## Department of Civil Engineering

Date: 24-03-2020

### Report on

### FDP on "Stress Ribbon Bridge"

**Title:** FDP on Stress Ribbon Bridge.

#### **Introduction to Event:**

A 1-Week FDP on "Stress Ribbon Bridge" was conducted at Aditya Engineering College (A), Surampalem by the department of CE to make faculty learn how to generate most economical stress ribbon bridge. A stress ribbon bridge is a tension structure, similar in many ways to a simple suspension bridge. The stress ribbon design is rare. Few people including bridge engineers are familiar with this form and fewer than 50 have been built worldwide. The suspension cables are embedded in the deck which follows a catenary arc between supports. Unlike the simple span the ribbon is stressed in compression which adds to the stiffness of the structure. Such bridges are typically made from concrete reinforced by steel tensioning cables. They are used mainly for pedestrian and cycling traffic. Stress ribbon bridges are very economical, aesthetic and almost maintenance free structure. They require minimal quantity of materials. Present FDP deals on combining stress ribbon bridges with cables or arches, to build most economical stress ribbon bridges. It makes the study of features of these particular bridges as an important one.

**Event Dates:** 16-03-2020 to 20-03-2020

**Number of Days:** 5 days

**Co-Ordinator:** Dr. Kondappagari Narasimhulu, Professor, Department of CE.

#### **Agenda/Event Flow:**

Day1: Introduction to Stress Ribbon Bridge.

Day2: Comparison and applications among other bridges.

  
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Day3: Super structure, substructure and ground conditions for stress ribbon bridge.

Day4: Comparison with a simple suspension bridge and construction techniques.

Day5: Advantages and conclusions and queries discussion.

**No. of Participants: 34**

**Experts with Designation:** Mr. Yetirajullu Amara, Associate Professor

**Experts' Profile:** Mr. Yetirajullu Amara is an Associate Professor of Lenora Engineering college, Rampachodavaram. Mr. Yetirajullu Amara completed post graduation in Soil Mechanics and Foundation Engineering specialization.

**Venue:** Seminar Hall, Cotton Bhavan, Aditya Engineering College.

**Hospitality/Accommodation:** Yes

**Staffing:**

1. Mr. Adari Satish Kumar, Assistant Professor.
2. Ms. Garaga Rajyalakshmi, Assistant Professor.

**Outcomes:**

- Participants have become familiarized with the usage of slender decks and post tensioning techniques in the bridges.
- Participants applied the knowledge gained in the designing of Innovative Structures.

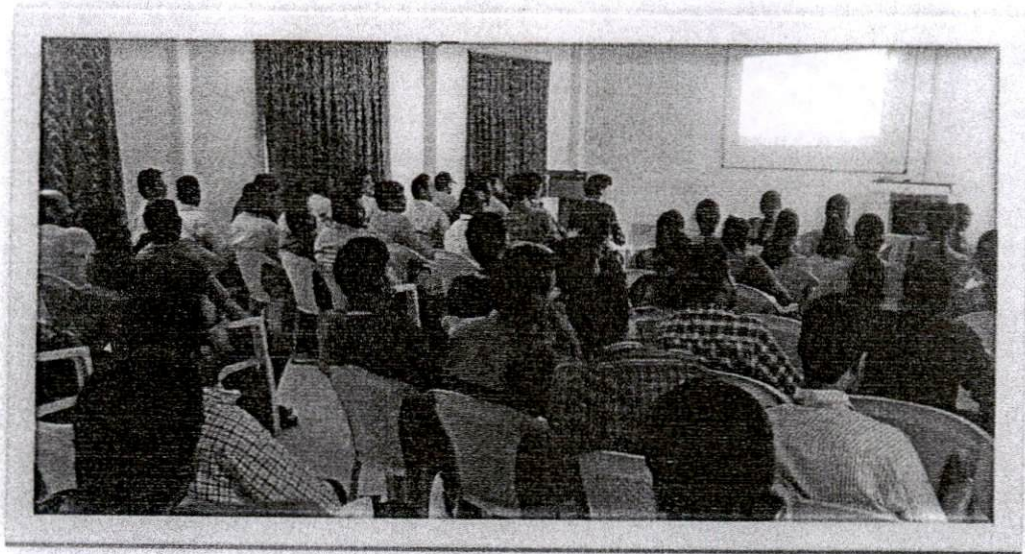
**Conclusive Remarks:**

This FDP on “**Stress Ribbon Bridge**” was conducted successfully fulfilling the goal of making faculty from CE department learn the concept of “**Stress Ribbon Bridge**”. As it was one of the good opportunities, all the participants were involved and interacted well. Finally, the program successfully came to end by giving necessary knowledge to faculty in the field of “**Bridge engineering & prestressed concrete**” in Civil Engineering. This learning experience covered a wide range of application and modern solutions for the structural engineers to meet the challenges of architects.


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Photos:



Participants at FDP on "Stress Ribbon Bridge"

  
Co-Ordinator

  
Head of the Department  
Head of the Department  
Dept. of Civil Engineering  
ADITYA ENGINEERING COLLEGE (A9)

  
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SIIRAMPAL FM - 500

## ADITYAENGINEERINGCOLLEGE(A)

AdityaNagar,ADB Road,Surampalem-533437

FDP on

### “Recent Trends and Application’s in Smart Grid and Microgrids”

08-07-2019 to 12-07-2019

RegistrationForm

Name of the Participant: \_\_\_\_\_

Department: \_\_\_\_\_

College Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Mobile No.: \_\_\_\_\_

EmailID: \_\_\_\_\_

AccommodationRequired: YES/NO

DD.No.& Date: \_\_\_\_\_

Bank& Branch: \_\_\_\_\_

Signatureof the Participant

#### Eligibility:

- AcademicFaculty,ResearchScholars,PGst udents&PersonsfromIndustry.
- Limitedto50participants only.

#### Registration Fee: Rs.200

- DD to be drawn in favor of Principal, Aditya Engineering College, Surampalem.
- Accommodation will be provided onnominal paymentbasis

#### Chief Patron:

Dr.N.Sesha Reddy, Chairman

Dr.N.Satish Reddy, Vice-Chairman

#### Patron:

Dr.M.Sreenivasa Reddy, Principal

#### Convener:

Dr. Srinivasa Rao Veeranki, HOD. EEE

#### Coordinator:

Mr. J.Pavan, Assoc Professor, EEE

Mr. Ch.Amarendra, Asst. Professor, EEE

#### Advisory Committee:

- Dr. K.V.S.Ramachandra Murthy, Professor, EEE
- Mr.Pavan Jonnalagadda, Assoc Professor & Dean-Evaluation
- Mr. J D Venkatesh, Assistant Professor (Sr.) & Dean-Student Affairs

#### Organizing Committee:

- Dr. K. Ganapathy, Professor, EEE
- Mr. Ch.Bapi Ayyapa Raju,Assoc. Prof, EEE
- Dr. M Surender Reddy, Assoc. Professor, EEE
- Mr. P.S. Datta Bhimaraju, Assoc. Professor, EEE
- Dr. V. Balaji, Asst.Prof,EEE
- Mr. K. Ganapathy, Assoc. Professor, EEE
- Mr. B.S.S Ganesh Pardhu,Asst.Professor,EEE
- Mr. B.Veeranarayana,Asst.Professor,EEE
- Mr. Maloth Srinivasa Rao.Asst.Professor,EEE

#### Contact Persons

Mr. Ch.Amarendra, Asst. Professor, EEE

Ph.No:8099903403

FDP on

### “RECENT TRENDS AND APPLICATION’S IN SMART GRID AND MICROGRIDS”

08-07-2019 to 12-07-2019

Organized by

***ELECTRICAL & ELECTRONICS ENGINEERING***



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**SURAMPALAM - 533 437**



### **About the Institution:**

Aditya Engineering College was established in the academic year 2001-02 under the aegis of Aditya Academy, Kakinada with the approval of AICTE and Affiliated to JNTU with an intake of 180 in three UG Courses in Engineering & Technology.

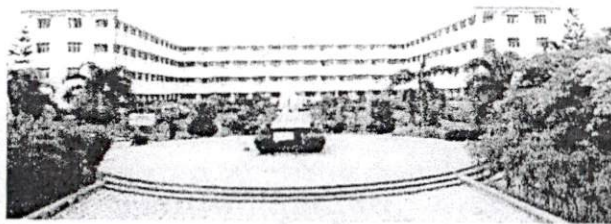
The College is situated in an eco-friendly area of 180 acres with thick greenery at Surampalem, Gandepalli Mandal, East Godavari District, Andhra Pradesh. The College is 15 KM away from Samalkot Railway Station on Howrah- Chennai Railway line in South Central Railway. The College is 35 Km away from Kakinada and Rajahmundry on ADB Road.

The college proudly offers 9 UG and 8 PG programmes in engineering, MCA, MBA and MBA (Integrated) with 15 years of rich standing in the educational era. Besides, the college has added many feathers in its cap which include AA+ Grade by Careers 360. It is approved by AICTE, recognized by Govt. of Andhra Pradesh, permanently affiliated to Jawaharlal Nehru Technological University Kakinada (JNTUK) and is accredited by National Assessment And Accreditation Council (NAAC) with 'A' Grade. The college also received UGC recognition under Sections 2(f) and 12 (B) of the UGC Act.

### **About the EEE Department:**

Established as one of the major department of the Institute. The Department of Electrical and Electronics Engineering at Aditya strives to produce highly competent engineers equipped with advanced professional knowledge,

entrepreneurial thinking, professional and ethical attitude, critical problem solving and analytical skills through effective teaching learning process, research and industrial collaboration. The faculty of the department, a rich blend with academic and industrial experience, have been constantly carrying out research on many cutting-edge technologies with regular publications in IEEE, ELSEVIER, Taylor & Fransis, Springer and other top international journals. The academic quality of the department is reflected by the laurels won by the students and the distinguished positions in industry and academia occupied by alumni. The department strives to upgrade the knowledge of faculty and students by organizing FDPs, various Workshops, Industry-Institute Interactions, Continuous Improvement Programs by eminent personalities from Industry and Academia.



### **About the FDP:**

Electricity grids need to be modernized to meet growing demand and integrate new applications. Power grids, which bring electricity to 85% of the world's population, are arguably one of the most important engineering achievements of the 20th century. Today's grids, century-old by design, were built to accommodate centralized generators, unidirectional electricity transport through high-voltage transmission lines, dispatch to consumer via lower-voltage distribution lines, and centralized control centers collecting information from a limited number of network hubs called substations.

#### **Resource Persons:**

1. Dr.S.RamSubbanna, Associate Professor, Sasi Institute of Technology And Engineering
2. Dr.R.Sathish Kumar, Associate Professor, Pragati Engineering College(A)







# ADITYA ENGINEERING COLLEGE

An Autonomous Institution

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Aditya Nagar, ADB Road, Surampalem - 533437, Near Kakinada, E.G.Dt., Ph:99498 76662

## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Date: 03.07.2019

### CIRCULAR

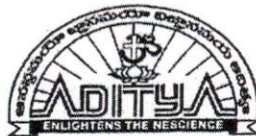
All the faculty members of EEE are hereby informed that the department of Electrical and Electronics Engineering is organizing a Faculty Development Programme on “**Recent Trends and Application's in Smart Grid and Microgrids**” from 08-07-2019 to 12-07-2019. Hence, the interested faculty from EEE is advised to register their names with the programme coordinator Mr. Jonnalagadda Pavan, Professor, EEE and Mr.Ch.Amarendra Asst.Prof .EEE on or before 07-07-2019.

**Venue:** K.L.Rao Bhavan-201

**Timings:** 9:30 AM to 3:30 PM

HOD-EEE  
Head of The Department  
Dept. Of Electrical & Electronics Engineering,  
Aditya Engineering College (A9)

**PRINCIPAL**  
**ADITYA ENGINEERING COLLEGE**  
**SURAMPALAM - 533 437**



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## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

FDP on

### “RECENT TRENDS AND APPLICATION’S IN SMART GRID AND MICROGRIDS”

During: 08-07-2019 to 12-07-2019

S.No	Name of the Faculty	Name of the College	08-07-2019		09-07-2019		10-07-2019		11-07-2019		12-07-2019	
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	Dr. Boddepalli Rajani	ACET, Surampalem	Raji	Raji	Raji	Raji	Raji	Raji	Raji	Raji	Raji	Raji
2	Dr. K.R.K.V Prasad	ACET, Surampalem	Pras	Pras	Pras	Pras	Pras	Pras	Pras	Pras	Pras	Pras
3	Mrs. Koneti Varalakshmi	ACET, Surampalem	Kon	Kon	Kon	Kon	Kon	Kon	Kon	Kon	Kon	Kon
4	Mr. Ramakrishna Vadrevu	ACET, Surampalem	Ram	Ram	Ram	Ram	Ram	Ram	Ram	Ram	Ram	Ram
5	Mr. Srinivas Rayudu	ACET, Surampalem	Ray	Ray	Ray	Ray	Ray	Ray	Ray	Ray	Ray	Ray
6	Mrs. Sana Vani	ACET, Surampalem	Vani	Vani	Vani	Vani	Vani	Vani	Vani	Vani	Vani	Vani
7	Mr. M P Subba Raju	ACET, Surampalem	Raju	Raju	Raju	Raju	Raju	Raju	Raju	Raju	Raju	Raju
8	Mrs. V U P Lavanya	ACET, Surampalem	Lav	Lav	Lav	Lav	Lav	Lav	Lav	Lav	Lav	Lav
9	Mr. S Reddy Ramesh	ACET, Surampalem	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red
10	Dr. A. Ramesh	ACE, Surampalem	Ram	Ram	Ram	Ram	Ram	Ram	Ram	Ram	Ram	Ram
11	Mr. Karri Manoj Kumar Reddy	ACE, Surampalem	Kar	Kar	Kar	Kar	Kar	Kar	Kar	Kar	Kar	Kar
12	Dr. M. Ravindra	ACE, Surampalem	Rav	Rav	Rav	Rav	Rav	Rav	Rav	Rav	Rav	Rav
13	Dr. A.S.S. Veerendra Babu	ACE, Surampalem	Babu	Babu	Babu	Babu	Babu	Babu	Babu	Babu	Babu	Babu
14	Mr. D. Tata Rao	ACE, Surampalem	Tata	Tata	Tata	Tata	Tata	Tata	Tata	Tata	Tata	Tata
15	Mr. CH U Phanendra Kumar	ACE, Surampalem	Pha	Pha	Pha	Pha	Pha	Pha	Pha	Pha	Pha	Pha
16	Mrs. K. Lakshmi	ACE, Surampalem	Lak	Lak	Lak	Lak	Lak	Lak	Lak	Lak	Lak	Lak
17	Mr. M.V. Kumar Reddy	ACE, Surampalem	Kum	Kum	Kum	Kum	Kum	Kum	Kum	Kum	Kum	Kum
18	Mr. M. Satyanarayana Raju	ACE, Surampalem	Raju	Raju	Raju	Raju	Raju	Raju	Raju	Raju	Raju	Raju
19	Mrs. K. Sandhya Rani	AEC, Surampalem	Rani	Rani	Rani	Rani	Rani	Rani	Rani	Rani	Rani	Rani
20	Ms. S. Varalakshmi	AEC, Surampalem	Vara	Vara	Vara	Vara	Vara	Vara	Vara	Vara	Vara	Vara

A  
Co-ordinator

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SURAMPALAM - 533 437



S.No	Name of the Faculty	Name of the College	08-07-2019		09-07-2019		10-07-2019		11-07-2019		12-07-2019	
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
21	Dr. K V S RChandra Murthy	AEC,Surampalem	M	M	M	M	M	M	M	M	M	M
22	Dr. Kommula Bapayyanaidu	AEC,Surampalem	R	R	R	R	R	R	R	R	R	R
23	Dr. Mandadi Surender Reddy	AEC,Surampalem	S	S	S	S	S	S	S	S	S	S
24	Dr. Mohammed Ishak Abdul Rahuman	AEC,Surampalem	Md	Md	Md	Md	Md	Md	Md	Md	Md	Md
25	Dr. V. Balaji	AEC,Surampalem	B	B	B	B	B	B	B	B	B	B
26	Dr. Veeranki Srinivasa Rao	AEC,Surampalem	C	C	C	C	C	C	C	C	C	C
27	Mr. Balla Sri Satya Ganesh Pardhu	AEC,Surampalem	P	P	P	P	P	P	P	P	P	P
28	Mr. Ballekura Veeranarayana	AEC,Surampalem	B	B	B	B	B	B	B	B	B	B
29	Mr. Chakka Bapi Ayyappa Raju	AEC,Surampalem	P	P	P	P	P	P	P	P	P	P
30	Ms. T.Padmajarani	Bapatla Women's Engineering College, Bapatla	Padi	Padi	Padi	Padi	Padi	Padi	Padi	Padi	Padi	Padi
31	Mr.D.Prakasa Rao	CIST,Madhavapatnam	Rao	Rao	Rao	Rao	Rao	Rao	Rao	Rao	Rao	Rao
32	Veeraju Barla	Indraredy College of Engineering	veeraju	veeraju	veeraju	veeraju	veeraju	veeraju	veeraju	veeraju	veeraju	veeraju
33	Mr.N.Kalyan Chakravarthy	KITS,RCPM	chak	chak	chak	chak	chak	chak	chak	chak	chak	chak
34	Mr.I. murali Krishna	PEC,Surampalem	MK	MK	MK	MK	MK	MK	MK	MK	MK	MK
35	Mr.I.Srinu	PEC,Surampalem	S	S	S	S	S	S	S	S	S	S

Coordinator

PRINCIPAL  
ADITYA ENGINEERING COLLEGE  
SURAMPALAM - 533 4379

HOD-EEE  
Dept. Of Electrical & Electronics Engineering  
Aditya Engineering College (A9)



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## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Date:13-07-2019

### Report on

### Faculty Development programme on "Recent Trends and Application's in Smart Grid and Microgrids"

**Title:** Recent Trends and Application's in Smart Grid and Microgrids

#### **Introduction to Event:**

Development Programme on "Recent Trends and Application's in Smart Grid and Microgrids" was conducted at Aditya Engineering College (A), Surampalem by the department of EEE. Electricity grids need to be modernized to meet growing demand and integrate new applications. Power grids, which bring electricity to 85% of the world's population, are arguably one of the most important engineering achievements of the 20th century. Today's grids, century-old by design, were built to accommodate centralized generators, unidirectional electricity transport through high-voltage transmission lines, dispatch to consumer via lower-voltage distribution lines, and centralized control centers collecting information from a limited number of network hubs called substations. Keeping this in view, the department has organized this Faculty Development programme for the benefit of the faculty.

**Event Dates:** 08-07-2019 to 12-07-2019

**Number of Days:** 5 days

**Co-ordinator:** Mr. Jonnalagadda Pavan, Professor of EEE,

Mr. Chennapragada Amarendra, Asst professor of EEE

#### **Agenda/Event Flow:**

**Day-1:** Smart grid –Architecture and Models Grid integration of renewable energy sources, Cyber, physical and system security of smart grid, Data communication for the smart grid

**Day-2:** Power trading, market regulation and policies, Case studies

**Day-3:** Basic distribution load flow Design of a micro grid based on -load curve Reactive compensation using capacitor banks – utility side and customer side

**Day-4:** Energy pricing – using normal tariffs and TOU tariffs – costs of active and reactive powers/ energy units Case studies

**Day-5:** Pressing DERs into micro grid – PV cells – load curves with and without DERs, savings for the customer, savings for the utility Impact of location and size of DERs on losses and voltage profile Customer decision support for TOU tariffs & utility decision support. Case studies



**No. of Participants:** 35

**Experts with Designation:**

1. **Dr.S.Ram Subbanna**, Associate Professor, Sasi Institute of Technology And Engineering
2. **Dr.R.Sathish Kumar**, Associate Professor, Pragati Engineering College(A)

**Experts' Profile:**

1. **Dr.S.Ram Subbanna**

He completed Ph.D from J.N.T.U.A., Anantapur in the Faculty of Electrical and Electronics Engineering, India. Presently He is Working as Associate professor in Sasi Institute of Technology And Engineering His interested areas are Digital Protection Algorithms for EHV Teed & Multi-Terminal Transmission Circuits. He published 9 papers in National and International Journals. He published 5 papers in National and International Conferences

2. **Dr.R.Sathish Kumar**,

He completed Ph.D. from Anna University. He is working as Professor at Pragati Engineering College, Surampalem, Andhra Pradesh, India. He published 12 papers in National and International Journals. He published 5 papers in National and International Conferences

**Venue:** K.L. Rao Bhavan (Room No: 201)

**Hospitality/Accommodation:** Yes

**Staffing:**

1. Mr. Nekkanti Rajesh, Assistant Professor
2. Ms. Penke Satya, Assistant Professor

**Outcomes:**

- Participants have updated with the background of Smart Grid, and the differences between the future Smart Grid and today's power system, as well as have knowledge about important terminology.
- Participants learned the knowledge about challenges faced by the Indian energy sector in the years ahead, such as challenges regarding the deployment of smart meters and to Know the electric power engineering basis for Smart Grid

**Conclusive Remarks:**

This Faculty Development Programme was conducted successfully fulfilling the goal of making faculty from EEE department learn the Recent Trends and Application's in Smart Grid and Microgrids. This learning experience covered a wide breadth of topics from the key steps involved in Recent Trends and Application's in Smart Grid and Microgrids. This training showcased a wide variety of examples to illustrate the key points in Recent Trends and Application's in Smart Grid and Microgrids



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**SURAMPALEM - 533 437**



Resource person delivering the content



Participants interacting with the resource person

*J. Praveen*  
Coordinator

*Suk*  
**PRINCIPAL**  
**ADITYA ENGINEERING COLLEGE**  
**SURAMPALEM - 533 437**

*Geetha*  
**HOD-EEE**  
Head of The Department  
Dept. Of Electrical & Electronics Engineering  
Aditya Engineering College (A9)



### PARTICIPANTS (who should attend):

This workshop is meant for faculty from Academic institutes, Research scholars, Industry Personnel and PG Students.

**Accommodation** will be arranged if required for outstation participants on payment basis

### Course Content:

Finite Element Analysis of Composite Material Parts	
No.of Days	Topics Covered
Day-1	Introduction to Composite Materials
	Analysis of Lamina
	Micromechanical Analysis of Laminates
	Analysis of Laminated Composite Structure
	Composite Material FEA Use Cases
Day-2	Introduction to Abaqus CAE
	User interface
	The workflow in Composite Modeling
	Analysis of Barely visible impact damage for aerospace structures
Day-3	Analysis of DCB using cohesive behaviour
	Buckling of Composite plate

### RESOURCE PERSON:

**Mr. K. Dinesh Tej**

**Mr. D. Murthy**

### CHIEF PARTON

**Sri. Challa Madhusudan Reddy**

Chairman - APSSDC

**Dr. Arja Srikanth, IRTS**

MD & CEO – APSSDC

**Dr. N. Sessa Reddy**

Chairman

Aditya Educational Institutions

### PARTON

**Dr. Ravi Gujjula**

Chief General Manager, APSSDC

**Sri N. Satish Reddy**

Vice Chairman, Aditya Educational Institutions

**Mr. Deepak NG**

Industry Leader, Head Global Affairs-DS India Pvt.Ltd

**Mr. Rajiv Armadaka**

CATIA-Brand Leader-DS India Pvt. Ltd

### CONVENER

**Dr. M. Sreenivasa Reddy**

Principal, Aditya Engineering College (A)

### CO-CONVENER

**Dr. V. Srinivasa Rao**

Professor & Vice-Principal, AEC (A)

**Dr. Bh. Varaprasad**

Professor & HOD, Dept. of Mech.

**Mr. K. L. Kishore**

Associate Professor, Dept. of Mech.

Dassault Systems Lab - SPOC

**Mr. S.D.V.V.S.B. Reddy**

Sr. Asst. Professor, Dept. of Mech.

Dassault Systems Lab - Incharge

### ORGANIZING COMMITTEE

KYN Venkat	APSSDC
A. Abhilash Reddy	APSSDC
A. Satya Raj	APSSDC
M. Chandra Sekhara Reddy	APSSDC
A. Rama Krishna Reddy	APSSDC
S. Sagar Reddy	APSSDC

## 3- Day Faculty Development Program on

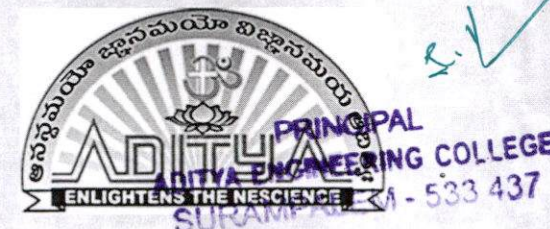
## “Structural Analysis Using Abaqus” (14<sup>th</sup> – 16<sup>th</sup> November 2019) by



APSSDC (Govt. of Andhra Pradesh)  
in Association with



Organized by  
Department of Mechanical Engineering



**ADITYA ENGINEERING COLLEGE (A)**

ADB Road, Aditya Nagar, Surampalem

Andhra Pradesh, INDIA

www.aec.edu.in





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## Department of Mechanical Engineering

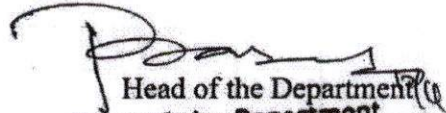
Date: 12.11.2019

### CIRCULAR

All the faculty members of ME and Civil are hereby informed that the department of Mechanical Engineering is organizing a Three Day Faculty Development Programme on "Structural Analysis using ABACUS" from 14-11-2019 to 16-11-2019. Hence, all the ME staff are advised to register their names with the Programme coordinator Mr. D.Ravi Teja Assistant Professor, Department of ME on or before 13-11-2019.

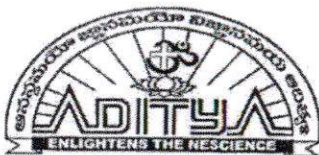
Venue: K.L Rao Bhavan Dassault Lab

Timings: 9:30 AM to 3:30 PM

  
Head of the Department  
Head of the Department  
Department of Mechanical Engineering  
Aditya Engineering College (A)  
SURAMPALEM-533 437

  
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## Department of Mechanical Engineering

### Three Day Faculty Development Program on Structural Analysis Using ABAQUS

#### Attendance Sheet

SL. NO.	NAME OF THE FACULTY	NAME OF THE COLLEGE	14/11/2019 SIGNATURE		15/11/2019 SIGNATURE		16/11/2019 SIGNATURE	
			FN	AN	FN	AN	FN	AN
1	Dr.A. Saravanan	Aditya Engineering College						
2	Dr. Venkata Kamesh Vinjamuri	Aditya Engineering College						
3	Mrs Sirisha Bhadrakali	Aditya Engineering College						
4	Mrs V.Pragna	Aditya Engineering College						
5	Mr.Rajesh Kumar	Aditya Engineering College						
6	Ms.G.SnehaLatha	Aditya Engineering College						
7	Mr. Subrahmanyam Sigatapu	Aditya Engineering College						
8	Ms. Sanipina Anjani Devi	Aditya Engineering College						
9	Mr. Sivaprakash Kapu	Aditya Engineering College						
10	Mr.R.Raja	Aditya Engineering College						
11	Mr. Mule Prem Kumar Reddy	Aditya Engineering College						
12	Ms. Vijetha Kadamanchi	Aditya Engineering College						
13	Mr. Hussain Mohammad	Aditya Engineering College						
14	Mr. Srihari Anusuri	Aditya Engineering College						
15	Ms. Naga Mahalakshmi Chillingi	KITS						
16	Mr. Lakshman Rao Kolla	BVC						
17	Mr. Veerni Hemanth Kumar	Ideal College of Engineering						
18	Mr.B. Chenna Kesava	Aditya College of Engineering						
19	Mr.P.Hari Chandra Prasad	Aditya College of Engineering						
20	Ms.P.Sridevi	GIET						

*Ravi Teja*  
Coordinator

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SL. NO.	NAME OF THE FACULTY	NAME OF THE COLLEGE	14/11/2019 SIGNATURE		15/11/2019 SIGNATURE		16/11/2019 SIGNATURE	
			FN	AN	FN	AN	FN	AN
21	Mr.U.Mohan Srinivas	GIET	Mohan	Mohan	Mohan	Mohan	Mohan	Mohan
22	Mr.M.Sunil Raj	Pragati Engineering College	Sunil	Sunil	Sunil	Sunil	Sunil	Sunil
23	Mr.M.Paruchuri krishna	Ideal College of Engineering	MParuchuri	MParuchuri	MParuchuri	MParuchuri	MParuchuri	MParuchuri
24	Mrs.G.Varalakshmi	Aditya College of Engineering and Technology	Varalakshmi	Varalakshmi	Varalakshmi	Varalakshmi	Varalakshmi	Varalakshmi
25	Mr.G.Ramakrishna	GIET	GRamakrishna	GRamakrishna	GRamakrishna	GRamakrishna	GRamakrishna	GRamakrishna
26	Ms.T.Prashanthi	Aditya College of Engineering	Prashanthi	Prashanthi	Prashanthi	Prashanthi	Prashanthi	Prashanthi
27	Ms Gayathri Devi	Aditya College of Engineering and Technology	Gayathri	Gayathri	Gayathri	Gayathri	Gayathri	Gayathri
28	Mr.A.Suman Babu	GIET	ASuman Babu	ASuman Babu	ASuman Babu	ASuman Babu	ASuman Babu	ASuman Babu
29	Mr. P.Srinivas	KIET	PSrinivas	PSrinivas	PSrinivas	PSrinivas	PSrinivas	PSrinivas
30	Mr K.Srikanth	KIET	KSrikanth	KSrikanth	KSrikanth	KSrikanth	KSrikanth	KSrikanth

*Pavithra*  
Coordinator

*P. Srinivas*  
Convener  
Head of the Department  
Department of Mechanical Engineering  
Aditya Engineering College (A)  
SURAMPALAM-533 437

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## Department of Mechanical Engineering

Date: 18.11.2019

### Report on

### Three Day FDP on "Structural analysis using ABAQUS"

**Title:** Structural Analysis using ABAQUS

**Introduction to Event:** The Abaqus Unified FEA product suite offers powerful and complete solutions for both routine and sophisticated engineering problems covering a vast spectrum of industrial applications. In the automotive industry engineering work groups are able to consider full vehicle loads, dynamic vibration, multibody systems, impact/crash, nonlinear static, thermal coupling, and acoustic-structural coupling using a common model data structure and integrated solver technology. Best-in-class companies are taking advantage of Abaqus Unified FEA to consolidate their processes and tools, reduce costs and inefficiencies, and gain a competitive advantage.

**Event Dates:** 14-11-2019 to 16-11-2019

**Number of Days:** 3 days

**Co-ordinator:** Mr.D.RaviTeja, Asst.Professor, Department of ME.

#### **Agenda/Event Flow:**

Day-1: Introduction to Composite Materials, Analysis of Lamina, Micromechanical Analysis of Laminates, Analysis of Laminated Composite Structure, Composite Material FEA Use Cases

Day-2: Introduction to Abaqus CAE, User interface, The workflow in Composite Modeling, Analysis of Barely visible impact damage for aerospace structures

Day-3: Analysis of DCB using cohesive behaviour, Buckling of Composite plate

**No. of Participants:** 30


**Experts with Designation:** 1.Mr.K.DineshTej. APSSDC

2. MrD.Murthy, APSSDC

#### **Experts' Profile:**

1. .Mr.K.DineshTej. APSSDC

2. MrD.Murthy, APSSDC

  
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**Staffing:**

1. Mr. K. L. Kishore, Assoc. Professor
2. Mr. S.D.V.V.S.B. Reddy, Senior Assistant Professor

**Outcomes:**

- Understand the structural behaviour of composite materials
- Apply the principles of Micro and Macro mechanics onto laminated composites.
- Analyze the failure of laminated composites.
- Use Abaqus/CAE to create complete finite element models
- Use Abaqus/CAE to Submit and monitor analysis jobs.
- Use Abaqus/CAE to view and evaluate simulation results.

**Conclusive Remarks:** On first day of the program, the brief description of Composite Materials and Laminates and its importance. The total participants practiced on almost 30 members.

**Photos:**

Speech by Mr K Dinesh Tej, APSSDC, Chief Guest

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SURAMPalem - 533 437





Participants Photo Session

*D. Ravi Teja*  
Coordinator

*Poornima*  
Head of the Department  
Head of the Department  
Department of Mechanical Engineering  
Aditya Engineering College (A)  
SURAMPALEM-533 437

*Sul*  
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## ADITYA ENGINEERING COLLEGE(A)

Aditya Nagar, ADB Road, Surampalem-533437

THREE DAY FACULTY DEVELOPMENT  
PROGRAM  
ON  
“ INTERNAL COMBUSTIONS ENGINE ”  
09-12-2019 to 11-12-2019

### Registration Form

Name of the Participant: \_\_\_\_\_

Department: \_\_\_\_\_

College Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Mobile No. : \_\_\_\_\_

Email ID: \_\_\_\_\_

Accommodation Required : YES / NO

Signature of the Participant

### Eligibility :

- Academic Faculty, Research Scholars, PG students & Persons from Industry.
- Limited to 50 participants only.

There is no registration fees for the course

### Chief Patron:

Dr. N Sessa Reddy, Chairman

Sri. N Satish Reddy, Vice-chairman

### Patron:

Dr. M Sreenivasa Reddy, Principal

### Convener:

Dr. Bh Vara Prasad, HOD, ME

### Coordinator:

Dr. P S Ranjit, Professor, ME

### Co-Convener:

Dr. A Saravanan, Professor, ME

Dr. V V Kamesh, Professor, ME

### Organizing Committee:

Mr. J D Venkatesh, Associate Professor ,ME

Mr. V S N Ch Dattu, Associate Professor , ME

Mr. Pritham, Associate Professor ,ME

Ms. S Anjani Devi, Asst Professor , ME

Ms. G Sneha Latha, Asst Professor ,ME

Dr Santhosh Kumar Dash, Asst Professor ,ME

Ms. K Vijetha, Asst Professor ,ME

Ms. M Anusha, Asst. Professor, ME

Mr. K Siva Prakash, asst. Professor, ME

Mr. K Rajendra ,Asst. Professor, ME

### Contact Persons

Ms. S Anjani Devi  
Ph No: 7013370966

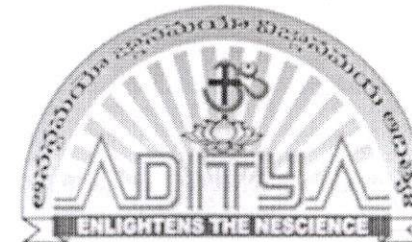
Mr. Rajendra  
Ph No: 8008287177

## THREE DAY FACULTY DEVELOPMENT PROGRAM ON “ INTERNAL COMBUSTION ENGINE ”

(09-12-2019 to 11-12-2019)

*Organized by*

Department of Mechanical Engineering



## ADITYA ENGINEERING COLLEGE (A)

An Autonomous Institution

Approved by AICTE, Permanently Affiliated to  
JNTUK, Accredited by NAAC with 'A' Grade,  
Recognized by UGC under sections 2(f) and 12(B) of  
UGC Act, 1956.S

PRINCIPAL  
ADITYA ENGINEERING COLLEGE  
SURAMPALEM - 533 437



### **About the Institution:**

Aditya Engineering College was established in the academic year 2001-02 under the aegis of Aditya Academy, Kakinada with the approval of AICTE and Affiliated to JNTU with an intake of 180 in three UG Courses in Engineering & Technology.

The College is situated in an eco-friendly area of 180 acres with thick greenery at Surampalem, Gandepalli Mandal, East Godavari District, Andhra Pradesh. The College is 15 KM away from Samalkot Railway Station on Howrah-Chennai Railway line in South Central Railway. The College is 35 Km away from Kakinada and Rajahmundry on ADB Road.

The college proudly offers 9 UG and 8 PG programmes in engineering, MCA, MBA and MBA (Integrated) with 15 years of rich standing in the educational era. Besides, the college has added many feathers in its cap which include AA+ Grade by Careers 360 It is approved by AICTE, recognized by Govt. of Andhra Pradesh, permanently affiliated to Jawaharlal Nehru Technological University Kakinada (JNTUK) and is accredited by National Assessment And Accreditation Council (NAAC) with 'A' Grade. The college also received UGC recognition under Sections 2(f) and 12 (B) of the UGC Act.

### **About the Mechanical Department :**

The Mechanical Engineering department at Aditya has earned a place of high repute through its quality teaching rendered by highly qualified and experienced faculty with umpteen number of research publications in reputed journals like ASME, ELSEVIER etc. and rigorous practical training creating an ambience of excitement in all the stages of study.

The department lays impetus on hands-on training with the support of simulation packages such as CATIA, ANSYS, I-DEAS, PRO-E, UNIGRAPHICS and SOLID WORKS.

The professional activities include guest lectures, industrial visits, workshops, seminars, technical festivals VEDA and programs under Mechanical Engineering Students Association (MESA), collegiate club of the Society of Automotive Engineers (SAE) and Auto gear club.

The projects that received appreciation in various events organized at state and national level are Go-Kart, Quad bike, Solar powered wheel chair, LPG bike, Reaping Machine and many more such highly relevant contraptions.

Students are encouraged to do internships in reputed industries like TATA Motors PVT. LTD., Hindustan Shipyard, BHEL PVT. LTD., Bhilai Steel Plant, Bokaro Thermal Power Station, Nalco Mining Division etc.

**Last Date for Submission of Registration form:**

06/12/2019

**Intimation of selection through mail:** 07/12/2019

### **Resource Persons:**


- 1) Dr Srinivasan, Asst. Professor, JNTUA, CEK.
- 2) Dr R Dharma Lingam, Associate Professor, PEC.

### **About the FDP:**

Energy consumption has become a yardstick to rate a nation whether it is developed or a developing one. Life style has drastically improved and is simplified with the invention of IC Engine. IC engine as a prime mover for the automobile has undergone multitude of developments. Though the fossil fuel driven automobile is serving mankind successfully over the past 2 centuries, many issues have cropped up due to heavy clogging of traffic and associated pollution problems. Efforts are being made in order to make eco-friendly IC Engines by adopting various in-cylinder techniques, using after-treatment devices and alternate fuels. In recent times, hybrid power sources and fuel cells are emerging as potential energy sources for automobiles. In this background, a FACULTY DEVELOPMENT PROGRAM (FDP) is planned to enable the faculty to understand in depth, the subject of IC engines and Alternate Power Sources for automobiles, with an emphasis on fuel cells.

### **Outcomes:**

- Participants can teach effectively courses on (i) Combustion (ii) Alternate fuels for IC engines and (iii) Alternate power sources for automobiles
- Apply principles of thermodynamics to the engine cycle analysis and combustion phenomenon of SI and CI engines.

  
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**533 437**



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Aditya Nagar, ADB Road, Surampalem - 533437, Near Kakinada, E.G.Dt., Ph:99498 76662

## Department of Mechanical Engineering

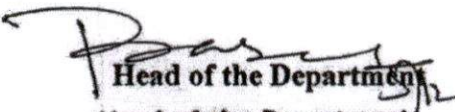
Date: 05.12.2019

### CIRCULAR

All the faculty members of ME are hereby informed that the department of Mechanical Engineering is organizing a Three Day Faculty Development Program on "Internal Combustion Engines" from 09-12-2019 to 11-12-2019. Hence, all the ME Staff are advised to register their names with the programme coordinator **Dr Santosh Kumar Dash** Asst Professor, Department of ME on or before 07-12-2019.

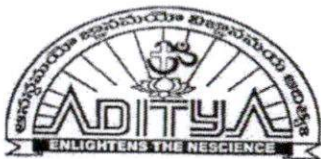
Venue: K.L Rao Bhavan Seminar Hall

Timings: 9:30 AM to 3:30 PM

  
Head of the Department  
Head of the Department  
Department of Mechanical Engineering  
Aditya Engineering College (A)  
SURAMPALEM-533 437

  
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Department of Mechanical Engineering

Three Day Faculty Development Program on Internal Combustion Engines

## Attendance Sheet

SL. NO.	NAME OF THE FACULTY	NAME OF THE COLLEGE	09/12/2019 SIGNATURE		10/12/2019 SIGNATURE		11/12/2019 SIGNATURE	
			FN	AN	FN	AN	FN	AN
1	Dr.A. Saravanan	Aditya Engineering College						
2	Dr. Venkata Kamesh Vinjamuri	Aditya Engineering College						
3	Mrs Sirisha Bhadrakali	Aditya Engineering College						
4	Mrs V.Pragna	Aditya Engineering College						
5	Mr.Rajesh Kumar	Aditya Engineering College						
6	Mr. Jagathani Rajasekhar	Aditya Engineering College						
7	Mr. Kiran Kumar Vallem	Aditya Engineering College						
8	Ms. Sanipina Anjani Devi	Aditya Engineering College						
9	Mr. Sivaprakash Kapu	Aditya Engineering College						
10	Mr.R.Raja	Aditya Engineering College						
11	Mr. Mule Prem Kumar Reddy	Aditya Engineering College						
12	Mr. Kagithapu Rajendra	Aditya Engineering College						
13	Mr. Hussain Mohammad	Aditya Engineering College						
14	Mr. Srihari Anusuri	Aditya Engineering College						
15	Mr. Veeranjanyulu Itha	Aditya Engineering College						
16	Mr. Satish Allimalli	Aditya Engineering College						
17	Mr. Mehar Krishna Malakapalli	Aditya Engineering College						
18	Ms. Gunnam Sneha Latha	Aditya Engineering College						
19	Mr. Devarapalli Raviteja	Aditya Engineering College						
20	Dr. Valeti Srinivas Viswanath	Aditya Engineering College						

*Santoshan*  
Coordinator

PRINCIPAL

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SURAMPALAM - 533 437



21	Mr. Sundarapalli Ganapathi	Aditya Engineering College	Ganp	Ganp	Ganp	Ganp	Ganp	Ganp
22	Mr.M.Sunil Raj	Pragati Engineering College	Sunil	Sunil	Sunil	Sunil	Sunil	Sunil
23	Mr.M.Paruchuri krishna	Ideal College of Engineering	PK	PK	PK	PK	PK	PK
24	Mrs K.Aravinda	Pragati Engineering College	Ar	Ar	Ar	Ar	Ar	Ar
25	Mr.G.Ramakrishna	GIET	Krish	Krish	Krish	Krish	Krish	Krish
26	Ms.Swathi	Aditya college of Engineering and Technology	Swathi	Swathi	Swathi	Swathi	Swathi	Swathi
27	Ms Gayathri Devi	Aditya college of Engineering and Technology	G.Dei	G.Dei	G.Dei	G.Dei	G.Dei	G.Dei
28	Mr.A.Suman Babu	GIET	ASB	ASB	ASB	ASB	ASB	ASB
29	Mr. P.Srinivas	Ideal College of Engineering	Srin	Srin	Srin	Srin	Srin	Srin
30	Mr K.Srikanth	Pragati Engineering College	SK	SK	SK	SK	SK	SK
31	Mr A Srinivas	BVC	AS	AS	AS	AS	AS	AS
32	Ms Hareesha	Aditya college of Engineering	HS	HS	HS	HS	HS	HS
33	Ms T Prasanthi	Aditya college of Engineering	TP	TP	TP	TP	TP	TP
34	Ms P Jyothi	Aditya college of Engineering	PJ	PJ	PJ	PJ	PJ	PJ
35	Mr.B. Chenna Kesava	Aditya college of Engineering	BCK	BCK	BCK	BCK	BCK	BCK
36	Mr.P.Hari Chandra Prasad	Aditya college of Engineering	HP	HP	HP	HP	HP	HP
37	Miss Upasana Chaini	Aditya college of Engineering	UC	UC	UC	UC	UC	UC
38	Mr.U.Mohan Srinivas	Aditya college of Engineering and Technology	UMS	UMS	UMS	UMS	UMS	UMS

*Sundarapalli Ganapathi*  
Coordinator

*P. Srinivas*  
Head of the Department  
Department of Mechanical Engineering  
Aditya Engineering College (A)  
SURAMPALEM-533 437

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ADITYA ENGINEERING COLLEGE  
SURAMPALEM - 533 437





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Aditya Nagar, ADB Road, Surampalem - 533437, Near Kakinada, E.G.Dt., Ph:99498 76662

## Department of Mechanical Engineering

Date: 12.12.2019

### Report on

### A 3-Day Faculty Development Programme on "IC Engines"

**Title:** Internal Combustion Engines

#### **Introduction to Event:**

Energy consumption has become a yardstick to rate a nation whether it is developed or a developing one. Life style has drastically improved and is simplified with the invention of IC Engine. IC engine as a prime mover for the automobile has undergone multitude of developments. This Program is planned to enable the faculty to understand in depth, the subject of IC engines Keeping this in view, the department has organized this programme for the benefit of the faculty.

**Event Dates:** 09-12-2019 to 11-12-2019

**Number of Days:** 3 days

**Co-ordinator:** Dr Santosh Kumar Das, Asst. Professor, Department of ME.

#### **Agenda/Event Flow:**

Day-1: Overview of I.C. Engines and the Combustion Phenomenon

Day-2: Determination of Performance Characteristics of I.C. Engines and solving the related problems

Day-3: Alternate fuels for IC Engines

**No. of Participants:** 38

**Experts with Designation:** 1. Dr.D.R. Srinivasan ,Assistant Professor,  
2. Dr.R.Dharmalingam, Associate Professor

#### **Experts' Profile:**

1. Dr.D.R. Srinivasan , Assistant Professor, JNTUA College of Engg Kalikiri
2. Dr.R.Dharmalingam, Associate Professor. Pragati Engineering College, Surampalem

**Hospitality/Accommodation:** Yes

#### **Staffing:**

1. Mr.Dr Pritam Kumar Das, Assoc. Professor
2. Mr.K.Rajendra, Asst. Professor

*Sw.* ✓

**Outcomes:**

- Participants can teach effectively courses on (i) Combustion (ii) Alternate fuels for IC engines and (iii) Alternate power sources for automobiles
- Apply principles of thermodynamics to the engine cycle analysis and combustion phenomenon of SI and CI engines

**Conclusive Remarks:**

This programme was organized in view of upgrading the knowledge of teachers working in affiliated Institutions of JNTUK in the field of Engineering Thermodynamics. Total of 38 faculty members participated in FDP. The participants expressed their full satisfaction through Feedback. The lecture sessions and the practical sessions were very much appreciated by the participants. The programme was very well received by the participants

**Photos:**

Dr D R Srinivasan delivering lecture on IC Engines

*[Signature]*  
Coordinator

*[Signature]*  
PRINCIPAL  
ADITYA ENGINEERING COLLEGE  
SURAMPALEM - 533 437

*[Signature]*  
Head of the Department  
Department of Mechanical Engineering  
Aditya Engineering College (A)  
SURAMPALEM-533 437



**A Six-Day FDP on  
"Recent Research Trends in  
Image Processing"  
(18-11-2019 to 23-11-2019)**

**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):

Signature  
(Participant)

(Head of the Department)

**Chief Patron**

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

**Patron**

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

**Convener**

Dr. M. Srinivasa Reddy, Principal

**Co-Convener**

Mrs. G.Sridevi, Assoc. Prof & H.O.D  
ECE Department.

**Coordinator**

Mrs.B.Satya Sridevi  
Assoc. Professor, ECE.  
Aditya Engineering College

**Organizing Committee**

Mr.M.Neeladri  
Associate Professor, Dept. of ECE

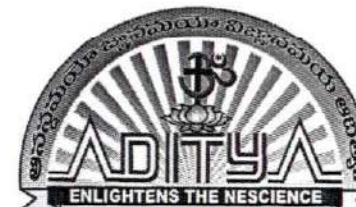
Mr.T.Srinivas Rao  
Associate Professor, Dept. of ECE

Mr.G.Rama Naidu,  
Asst. Professor, Dept. of ECE

**A Six-Day FDP on  
"Recent Research Trends in  
Image Processing"  
During  
18-11-2019 to 23-11-2019**

**Organized by**

**Department of Electronics  
&  
Communication Engineering**



**ADITYA ENGINEERING  
COLLEGE**

(Approved by AICTE, Affiliated to JNTUK)  
Recognized by UG under section 2(f) of UG act, 1956  
Aditya Nagar, ADB Road, Surampalem - 533 437



*S. L. V.*  
**PRINCIPAL**  
**Aditya Engineering College**  
**SURAMPALAM**

## ABOUT ADITYA ENGINEERING COLLEGE

Aditya Engineering College was established in the academic year 2001-02 under the aegis of Aditya Academy, Kakinada with the approval of AICTE and Affiliated to JNTU with an intake of 180 in three UG Courses in Engineering & Technology. Sri Nallamilli Seshareddy, as a founder chairman, promoted the educational society in the name and style of Aditya Academy at Kakinada in the year 1984, with a vision and mission to create a platform for holistic growth and success for students at all levels.

The college is situated in an eco-friendly area of 180 acres with thick greenery at Surampalem, Gandepalli Mandal, East Godavari District, and Andhra Pradesh. Through diverse programs and updated curriculum by imparting industry exposure and hands-on skills, AEC trains its students into competitive and global professionals, imbued with ethical consciousness and social awareness. The sophisticated laboratories and research centres make it one of the most preferred institutions for the aspirants of engineering studies. It is approved by AICTE, recognized by Govt. of Andhra Pradesh, permanently affiliated to Jawaharlal Nehru Technological University Kakinada (JNTUK).

## ABOUT THE DEPARTMENT

The Department was established in the year 2001 with an intake of 60 students. Intake was increased by 30 in the years 2004 and 2005. In 2011, the intake was increased to 180 and from 2015 onwards the strength was 240 in take. The department is offering graduation and post-graduation programs with PG specializations VLSI and Embedded Systems for enthusiastic students. With new ideas emerging relentlessly, both the UG and PG programs of Electronics and Communication Engineering Department try to excel by focusing on the needs of industry and society through student centric methodologies which is reflected in placements every year. The department is well-equipped with the state-of-art laboratories which encompass the wide area of applied and fundamental aspects of the prescribed curriculum as Contemporary industry ready. In addition, the department enables training on advanced technologies through Texas Instruments Innovation lab, E-Yantra Robotics Lab, Intel Intelligent Systems Lab etc. The faculty of the department persistently carries out research and are specialists from the fields of device electronics, signal and image processing, antennas, microwave & optical engineering, wireless communication, embedded systems and VLSI design.

### Address for Correspondance

Mrs.B.Satya Sridevi  
Assoc. Professor, ECE.  
Email: sridevi.badireddy@aec.edu.in

## ABOUT FDP

### This FDP COVERS

- Fundamentals of Image Processing
- Mathematical tools for Image processing
- Morphological Image Processing
- Compression
- Soft Computing Techniques
- Digital Mammographic Analysis
- Human Behaviour Analysis.

### OBJECTIVES

The main objective of the Program is:

- The programme is designed to enhance the learning and research skills of the participants, to make them aware about modern analytical tools and methodologies.
- To acquire knowledge about current technological developments in relevant fields
- The programme mainly focuses on Deep Learning Algorithms for solving real world problems

### RESOURCE PERSON

1. **Dr.Durgesh Nandan**, Assistant Professor (SG), Symbiosis Institute of Technology.
2. **Dr.Sanjeev Kumar**, Research Advisor, AEC, Surampalem.
3. **Dr.Sanjeev Kumar**, Research Advisor, AEC, Surampalem.
4. **S.Jagadeesh**, Assoc. Prof, ECE, AEC, Surampalem..

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Aditya Nagar, ADB Road, Surampalem - 533437, Near Kakinada, E.G.Dt., Ph:99498 76662

14-11-2019

## CIRCULAR

All the faculty members of ECE are hereby informed that the department of Electronics and Communication Engineering is organizing a Six-Days Faculty Development Programme on "Recent Research Trends in Image Processing" from 18-11-2019 to 23-11-2019. Hence, the interested faculty from ECE are advised to register their names with the programme coordinator Ms.B.Satya Sri Devi, Assoc. Professor, Department of ECE on or before 16-11-2019 .

Venue: Cotton Bhavan-108

Timings: 9:30 AM to 3:30 PM

Head Of The Department

Head of the Department

Department of E.C.E.

Aditya Engineering College ( )

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## FDP on Recent Research Trends in Image Processing

S. No.	Name of the Faculty	Dates											
		18/11/2019		19/11/2019		20/2/2020		21/11/2019		22/11/2019		23/11/2019	
		FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	Mr.V.Satya Narayana	V.S.Narayana	V.S.Narayana	V.S.Narayana	V.S.Narayana	V.S.Narayana	V.S.Narayana	V.S.Narayana	V.S.Narayana	V.S.Narayana	V.S.Narayana	V.S.Narayana	V.S.Narayana
2	Mr.I.Raja	I.Raja	I.Raja	I.Raja	I.Raja	I.Raja	I.Raja	I.Raja	I.Raja	I.Raja	I.Raja	I.Raja	I.Raja
3	Mr.T.Arun Kumar	T.Arun Kumar	T.Arun Kumar	T.Arun Kumar	T.Arun Kumar	T.Arun Kumar	T.Arun Kumar	T.Arun Kumar	T.Arun Kumar	T.Arun Kumar	T.Arun Kumar	T.Arun Kumar	T.Arun Kumar
4	Mr.M.Neeladri	M.Neeladri	M.Neeladri	M.Neeladri	M.Neeladri	M.Neeladri	M.Neeladri	M.Neeladri	M.Neeladri	M.Neeladri	M.Neeladri	M.Neeladri	M.Neeladri
5	Mr.G.Ajay Shankar	G.Ajay Shankar	G.Ajay Shankar	G.Ajay Shankar	G.Ajay Shankar	G.Ajay Shankar	G.Ajay Shankar	G.Ajay Shankar	G.Ajay Shankar	G.Ajay Shankar	G.Ajay Shankar	G.Ajay Shankar	G.Ajay Shankar
6	Mr.T.Srinivas Rao	T.Rao	T.Rao	T.Rao	T.Rao	T.Rao	T.Rao	T.Rao	T.Rao	T.Rao	T.Rao	T.Rao	T.Rao
7	Mr.A.KondaBabu	A.Konda	A.Konda	A.Konda	A.Konda	A.Konda	A.Konda	A.Konda	A.Konda	A.Konda	A.Konda	A.Konda	A.Konda
8	Mr.G.Rama Naidu	G.Rama Naidu	G.Rama Naidu	G.Rama Naidu	G.Rama Naidu	G.Rama Naidu	G.Rama Naidu	G.Rama Naidu	G.Rama Naidu	G.Rama Naidu	G.Rama Naidu	G.Rama Naidu	G.Rama Naidu
9	Mr.G.Anjali	G.Anjali	G.Anjali	G.Anjali	G.Anjali	G.Anjali	G.Anjali	G.Anjali	G.Anjali	G.Anjali	G.Anjali	G.Anjali	G.Anjali
10	Mr.Tilak Babu	T.Babu	T.Babu	T.Babu	T.Babu	T.Babu	T.Babu	T.Babu	T.Babu	T.Babu	T.Babu	T.Babu	T.Babu
11	Mr.P.B.Srinivas	P.B.Srinivas	P.B.Srinivas	P.B.Srinivas	P.B.Srinivas	P.B.Srinivas	P.B.Srinivas	P.B.Srinivas	P.B.Srinivas	P.B.Srinivas	P.B.Srinivas	P.B.Srinivas	P.B.Srinivas
12	Mrs.V.Chandini	V.Chandini	V.Chandini	V.Chandini	V.Chandini	V.Chandini	V.Chandini	V.Chandini	V.Chandini	V.Chandini	V.Chandini	V.Chandini	V.Chandini
13	Ms. N. Sri Kala	N. Sri Kala	N. Sri Kala	N. Sri Kala	N. Sri Kala	N. Sri Kala	N. Sri Kala	N. Sri Kala	N. Sri Kala	N. Sri Kala	N. Sri Kala	N. Sri Kala	N. Sri Kala
14	Mr. K.Srinu Babu	K.Srinu Babu	K.Srinu Babu	K.Srinu Babu	K.Srinu Babu	K.Srinu Babu	K.Srinu Babu	K.Srinu Babu	K.Srinu Babu	K.Srinu Babu	K.Srinu Babu	K.Srinu Babu	K.Srinu Babu
15	Ms. B. S.Srinivas Naidu	B.S.Srinivas Naidu	B.S.Srinivas Naidu	B.S.Srinivas Naidu	B.S.Srinivas Naidu	B.S.Srinivas Naidu	B.S.Srinivas Naidu	B.S.Srinivas Naidu	B.S.Srinivas Naidu	B.S.Srinivas Naidu	B.S.Srinivas Naidu	B.S.Srinivas Naidu	B.S.Srinivas Naidu
16	Ms. K.Devi Bhavani	K.Devi Bhavani	K.Devi Bhavani	K.Devi Bhavani	K.Devi Bhavani	K.Devi Bhavani	K.Devi Bhavani	K.Devi Bhavani	K.Devi Bhavani	K.Devi Bhavani	K.Devi Bhavani	K.Devi Bhavani	K.Devi Bhavani

CO-ORDINATOR

PRINCIPAL  
Aditya Engineering College  
SURAMPALAM



S. No.	Name of the Faculty	Dates											
		18/11/2019		19/11/2019		20/2/2020		21/11/2019		22/11/2019		23/11/2019	
		FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
17	Mr. Koteswara Rao	K. K. Rao	K. K. Rao	K. K. Rao	K. K. Rao	K. K. Rao	K. K. Rao	K. K. Rao	K. K. Rao	K. K. Rao	K. K. Rao	K. K. Rao	K. K. Rao
18	Mr. I. V. N. Srinivas	I. V. N. Srinivas	I. V. N. Srinivas	I. V. N. Srinivas	I. V. N. Srinivas	I. V. N. Srinivas	I. V. N. Srinivas	I. V. N. Srinivas	I. V. N. Srinivas	I. V. N. Srinivas	I. V. N. Srinivas	I. V. N. Srinivas	I. V. N. Srinivas
19	Mr. B. S. Srinivas Nair	B. S. S. Nair	B. S. S. Nair	B. S. S. Nair	B. S. S. Nair	B. S. S. Nair	B. S. S. Nair	B. S. S. Nair	B. S. S. Nair	B. S. S. Nair	B. S. S. Nair	B. S. S. Nair	B. S. S. Nair
20	Mr. N. Venkatesh	N. Venkatesh	N. Venkatesh	N. Venkatesh	N. Venkatesh	N. Venkatesh	N. Venkatesh	N. Venkatesh	N. Venkatesh	N. Venkatesh	N. Venkatesh	N. Venkatesh	N. Venkatesh
21	Mr. N. Tilak Babu	N. Tilak Babu	N. Tilak Babu	N. Tilak Babu	N. Tilak Babu	N. Tilak Babu	N. Tilak Babu	N. Tilak Babu	N. Tilak Babu	N. Tilak Babu	N. Tilak Babu	N. Tilak Babu	N. Tilak Babu
22	Mr. K. L. Prasad	K. L. Prasad	K. L. Prasad	K. L. Prasad	K. L. Prasad	K. L. Prasad	K. L. Prasad	K. L. Prasad	K. L. Prasad	K. L. Prasad	K. L. Prasad	K. L. Prasad	K. L. Prasad
23	Mr. V. Jashwant	V. Jashwant	V. Jashwant	V. Jashwant	V. Jashwant	V. Jashwant	V. Jashwant	V. Jashwant	V. Jashwant	V. Jashwant	V. Jashwant	V. Jashwant	V. Jashwant
24	Ms. B. Satya Sridevi	B. Satya Sridevi	B. Satya Sridevi	B. Satya Sridevi	B. Satya Sridevi	B. Satya Sridevi	B. Satya Sridevi	B. Satya Sridevi	B. Satya Sridevi	B. Satya Sridevi	B. Satya Sridevi	B. Satya Sridevi	B. Satya Sridevi
25	Mr. B. V. Mahesh	B. V. Mahesh	B. V. Mahesh	B. V. Mahesh	B. V. Mahesh	B. V. Mahesh	B. V. Mahesh	B. V. Mahesh	B. V. Mahesh	B. V. Mahesh	B. V. Mahesh	B. V. Mahesh	B. V. Mahesh
26	Ms. S. Sridevi	S. Sridevi	S. Sridevi	S. Sridevi	S. Sridevi	S. Sridevi	S. Sridevi	S. Sridevi	S. Sridevi	S. Sridevi	S. Sridevi	S. Sridevi	S. Sridevi
27	Mr. K. Satya Suresh	K. Satya Suresh	K. Satya Suresh	K. Satya Suresh	K. Satya Suresh	K. Satya Suresh	K. Satya Suresh	K. Satya Suresh	K. Satya Suresh	K. Satya Suresh	K. Satya Suresh	K. Satya Suresh	K. Satya Suresh
28	Mrs. V. Chandini	V. Chandini	V. Chandini	V. Chandini	V. Chandini	V. Chandini	V. Chandini	V. Chandini	V. Chandini	V. Chandini	V. Chandini	V. Chandini	V. Chandini
29	Ms. N. Sri Kala	N. Sri Kala	N. Sri Kala	N. Sri Kala	N. Sri Kala	N. Sri Kala	N. Sri Kala	N. Sri Kala	N. Sri Kala	N. Sri Kala	N. Sri Kala	N. Sri Kala	N. Sri Kala
30	Mr. K. Srinu Babu	K. Srinu Babu	K. Srinu Babu	K. Srinu Babu	K. Srinu Babu	K. Srinu Babu	K. Srinu Babu	K. Srinu Babu	K. Srinu Babu	K. Srinu Babu	K. Srinu Babu	K. Srinu Babu	K. Srinu Babu
31	Mr. K. Satya Narayana	K. Satya Narayana	K. Satya Narayana	K. Satya Narayana	K. Satya Narayana	K. Satya Narayana	K. Satya Narayana	K. Satya Narayana	K. Satya Narayana	K. Satya Narayana	K. Satya Narayana	K. Satya Narayana	K. Satya Narayana
32	Ms. J. Sasi Priya	J. Sasi Priya	J. Sasi Priya	J. Sasi Priya	J. Sasi Priya	J. Sasi Priya	J. Sasi Priya	J. Sasi Priya	J. Sasi Priya	J. Sasi Priya	J. Sasi Priya	J. Sasi Priya	J. Sasi Priya
33	Ms. K. Pavani	K. Pavani	K. Pavani	K. Pavani	K. Pavani	K. Pavani	K. Pavani	K. Pavani	K. Pavani	K. Pavani	K. Pavani	K. Pavani	K. Pavani

CO-ORDINATOR

PRINCIPAL  
Aditya Engineering College  
SURAMPALLEM

Head of the Department  
Department of E.C.E.  
Aditya Engineering College (A9)



# ADITYA ENGINEERING COLLEGE

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Aditya Nagar, ADB Road, Surampalem - 533437, Near Kakinada, E.G.Dt., Ph:99498 76662

## Department of Electronics and Communication Engineering

Date: 23-11-2019

### Report on

### A Six-Days "FDP on Recent Research Trends in Image Processing"

**Title:** Recent Research Trends in Image Processing

#### **Introduction to Event:**

A Six-Days "FDP on Recent Research Trends in Image Processing" was conducted at Aditya Engineering College (A), Surampalem by the department of ECE to make faculty learn how to image into greyscale from pencil colour effect, Dilation or erosion for better output accordingly. Keeping this in view, the department has organized this Faculty Development programme for the benefit of the faculty.

**Event Dates:** 18-11-2019 to 23-11-2019

**Number of Days:** 6 days.

**Co-ordinator:** Dr.G.Sridevi, Assoc. Professor, Department of ECE.

#### **Agenda/Event Flow:**

Emphasized on the fact that a good research should be socially relevant and contemporary nature, research, objectivity, potential to edit the document and ensuring proper acknowledgement of the sources from which relevant ideas have been taken for carrying out the research.

**No. of Participants:** 33

**Experts with Designation:** Dr.Durgesh Nandan, Assistant Professor (SG) Symbiosis Institute of Technology

#### **Experts' Profile:**

Dr.Durgesh Nandan, Assistant Professor (SG), Symbiosis Institute of Technology Experienced Mentor with a demonstrated history of working in the education management industry, Skilled in Lecturing, Mat-lab, Data Analysis, Science, and Research. Strong professional with a Ph.D. focused in MFCC feature Extraction..

**Venue:** Project Lab (Room No: 107)

**Hospitality/Accommodation:** Yes

#### **Staffing:**

1. Mrs.Ch.V.Kiranmai, Asst. Professor

*Sridevi*  
PRINCIPAL  
Aditya Engineering College  
SURAMPALAM



**Hospitality/Accommodation:** Yes

**Staffing:**

1. Mrs.Ch.V.Kiranmai, Asst. Professor
2. Mr.M.Neeladri, Asst. Professor

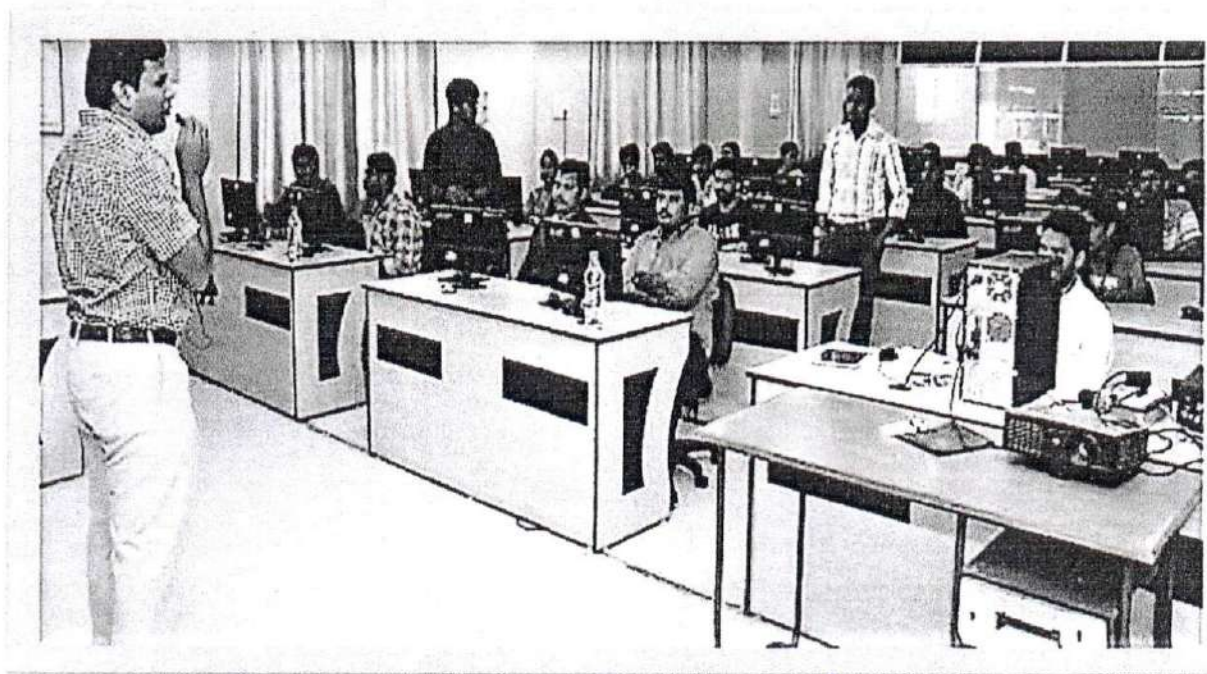
**Outcomes:**

- Participants have become familiarized with the Official documentation, books, and links..
- Participants applied the knowledge gained in socially relevant and contemporary nature, research, objectivity, potential to edit the document.

**Conclusive Remarks:**

This 6-Day programme was conducted successfully fulfilling the goal of making faculty from ECE department learn to convert a given Colored Image of a Monument into corresponding Pencil Sketch without additional inputs from the user. Finally, the program successfully came to end by giving necessary knowledge to faculty in the field of e tools available to make such sketches do not make sketches which resemble reality. This learning experience covered a wide breadth of topics from the key steps gained in selection of articles, slides, conference papers.

**Photo:**



*B. Sridhar*  
Co-ordinator

*S. Sridhar*  
PRINCIPAL  
Aditya Engineering College  
SURAMPALAM

*G. Sridhar*  
Head of the Department  
Head of the Department  
Department of E.C.E.  
Aditya Engineering College (A9)

**A Six-Day  
“FDP on Electromagnetic, RF and  
Radar Signal Processing”  
(17-02-2020 to 22-02-2020)**

**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):

Signature  
(Participant)

(Head of the Department)

**Chief Patron**

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

**Patron**

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

**Convener**

Dr. M. Srinivasa Reddy, Principal

**Co-Convener**

Mrs. G.Sridevi, Assoc. Prof & H.O.D  
ECE Department,

**Coordinator**

Mrs.B.Satya Sridevi  
Assoc. Professor, ECE.  
Aditya Engineering College

**Organizing Committee**

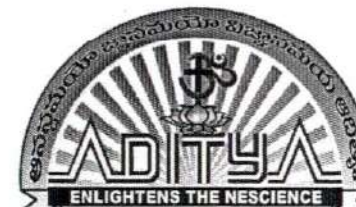
Mr.M.Neeladri  
Associate Professor, Dept. of ECE

Mr.T.Srinivas Rao  
Associate Professor, Dept. of ECE

Mr.G.Rama Naidu,  
Asst. Professor, Dept. of ECE

**A  
Six-Day FDP  
on  
“Electromagnetic, RF and Radar  
Signal Processing”  
during  
(17-02-2020 to 22-02-2020)**

**Organized by  
Department of Electronics  
&  
Communication Engineering**



**ADITYA ENGINEERING  
COLLEGE**

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Recognized by UG under section 2(f) of UG act, 1956  
Aditya Nagar, ADB Road, Surampalem - 533 437



*S. Jay*  
**PRINCIPAL**  
**Aditya Engineering College**  
**SURAMPALAM**



## ABOUT ADITYA ENGINEERING COLLEGE

Aditya Engineering College was established in the academic year 2001-02 under the aegis of Aditya Academy, Kakinada with the approval of AICTE and Affiliated to JNTU with an intake of 180 in three UG Courses in Engineering & Technology. Sri Nallamilli Seshareddy, as a founder chairman, promoted the educational society in the name and style of Aditya Academy at Kakinada in the year 1984, with a vision and mission to create a platform for holistic growth and success for students at all levels.

The college is situated in an eco-friendly area of 180 acres with thick greenery at Surampalem, Gandepalli Mandal, East Godavari District, and Andhra Pradesh. Through diverse programs and updated curriculum by imparting industry exposure and hands-on skills, AEC trains its students into competitive and global professionals, imbued with ethical consciousness and social awareness. The sophisticated laboratories and research centres make it one of the most preferred institutions for the aspirants of engineering studies. It is approved by AICTE, recognized by Govt. of Andhra Pradesh, permanently affiliated to Jawaharlal Nehru Technological University Kakinada (JNTUK).

## ABOUT THE DEPARTMENT

The Department was established in the year 2001 with an intake of 60 students. Intake was increased by 30 in the years 2004 and 2005. In 2011, the intake was increased to 180 and from 2015 onwards the strength was 240 in take. The department is offering graduation and post-graduation programs with PG specializations VLSI and Embedded Systems for enthusiastic students. With new ideas emerging relentlessly, both the UG and PG programs of Electronics and Communication Engineering Department try to excel by focusing on the needs of industry and society through student centric methodologies which is reflected in placements every year. The department is well-equipped with the state-of-art laboratories which encompass the wide area of applied and fundamental aspects of the prescribed curriculum as Contemporary industry ready. In addition, the department enables training on advanced technologies through Texas Instruments Innovation lab, E-Yantra Robotics Lab, Intel Intelligent Systems Lab etc. The faculty of the department persistently carries out research and are specialists from the fields of device electronics, signal and image processing, antennas, microwave & optical engineering, wireless communication, embedded systems and VLSI design.

### Address for Correspondance

Mrs.B.Satya Sridevi  
Assoc. Professor,ECE.  
Email: sridevi.badireddy@aec.edu.in

## ABOUT FDP

This FDP COVERS

- DAY-1: Radar Frequency Band
- DAY-2: Target Detection & Detection Range.
- DAY-3: Pulsed Radar, Doppler Radar.
- DAY-4: How to Find Range?Range (A/D) Sampling Process.
- DAY-5: Target Detection & L- amp.
- DAY-6: Final target Detection & amp.

### OBJECTIVES

The main objective of the Program is:

- The programme is designed to enhance the learning and research skills of the participants, to make them aware about modern analytical tools and methodologies.
- To acquire knowledge about current technological developments in relevant fields
- The programme mainly focuses on Deep Learning Algorithms for solving real world problems

### RESOURCE PERSON

1. **Mr.G.RamaKrishna**, Assoc.Professor, ECE, ACOE, Surampalem.
2. **Mr.D.Kishore**, Assoc.Professor,ECE, ACET,Surampalem.
3. **Mr.S.BasheerAli**, Sr.Asst.Professor, ECE, ACET,Surampalem.
- 4.**Mr.K.L.V.Prasad**, Asst.Professor,ECE, ACET,Surampalem.

*Satya*  
PRINCIPAL  
Aditya Engineering College  
SURAMPALAM



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14.02.2020

## CIRCULAR

All the faculty members of ECE are hereby informed that the department of Electronics and Communication Engineering is organizing a Six-Days Faculty Development Programme on "Electromagnetics, RF and radar Signal Processing" from 17-02-2020 to 22-02-2020. Hence, the interested faculty from ECE are advised to register their names with the programme coordinator **Ms.B.Satya Sri Devi**, Assoc. Professor, Department of ECE on or before 15-02-2020.

Venue: Cotton Bhavan-108

Timings: 9:30 AM to 3:30 PM

*G. Sridhar*

Head Of The Department

Head of the Department

Department of E.C.E

Aditya Engineering College

*S. K. S.*  
PRINCIPAL  
Aditya Engineering College  
SURAMPALAM





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## FDP on Electromagnetics, RF and radar Signal Processing

S. No.	Name of the Faculty	Dates											
		17/2/2020		18/2/2020		19/2/2020		20/2/2020		21/2/2020		22/2/2020	
		FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	Ms. Ch.Arunadevi	Ch.Aruna	Ch.Aruna	Ch.Aruna	Ch.Aruna	Ch.Aruna	Ch.Aruna	Ch.Aruna	Ch.Aruna	Ch.Aruna	Ch.Aruna	Ch.Aruna	Ch.Aruna
2	Mr. K.V.Mahesh Babu	Babu	Babu	Babu	Babu	Babu	Babu	Babu	Babu	Babu	Babu	Babu	Babu
3	Mr.I V N Srinivas	Srin	Srin	Srin	Srin	Srin	Srin	Srin	Srin	Srin	Srin	Srin	Srin
4	Mr. N.Rajakumar	N.Raj	N.Raj	N.Raj	N.Raj	N.Raj	N.Raj	N.Raj	N.Raj	N.Raj	N.Raj	N.Raj	N.Raj
5	Mr.B.H.K. Bhagath Kumar	Bh	Bh	Bh	Bh	Bh	Bh	Bh	Bh	Bh	Bh	Bh	Bh
6	Ms.CH V Kiranmayi	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran
7	Mr. G. Usandra Babu	usandra Babu	usandra Babu	usandra Babu	usandra Babu	usandra Babu	usandra Babu	usandra Babu	usandra Babu	usandra Babu	usandra Babu	usandra Babu	usandra Babu
8	Ms. K. Divya Madhuri	madhuri	madhuri	madhuri	madhuri	madhuri	madhuri	madhuri	madhuri	madhuri	madhuri	madhuri	madhuri
9	Mr. K. Ayyappa Swamy	Swamy	Swamy	Swamy	Swamy	Swamy	Swamy	Swamy	Swamy	Swamy	Swamy	Swamy	Swamy
10	Mrs.V. Vamsi	Vamsi	Vamsi	Vamsi	Vamsi	Vamsi	Vamsi	Vamsi	Vamsi	Vamsi	Vamsi	Vamsi	Vamsi
11	Mr.S.Jagadeesh	jagadeesh	jagadeesh	jagadeesh	jagadeesh	jagadeesh	jagadeesh	jagadeesh	jagadeesh	jagadeesh	jagadeesh	jagadeesh	jagadeesh
12	Mrs.V.Chandini	chandini	chandini	chandini	chandini	chandini	chandini	chandini	chandini	chandini	chandini	chandini	chandini
13	Ms. N. Sri Kala	M.S.N.Kala	M.S.N.Kala	M.S.N.Kala	M.S.N.Kala	M.S.N.Kala	M.S.N.Kala	M.S.N.Kala	M.S.N.Kala	M.S.N.Kala	M.S.N.Kala	M.S.N.Kala	M.S.N.Kala
14	Mr. K.Srinu Babu	K.S.Babu	K.S.Babu	K.S.Babu	K.S.Babu	K.S.Babu	K.S.Babu	K.S.Babu	K.S.Babu	K.S.Babu	K.S.Babu	K.S.Babu	K.S.Babu
15	Ms. B. S.Srinivas Naidu	Naidu	Naidu	Naidu	Naidu	Naidu	Naidu	Naidu	Naidu	Naidu	Naidu	Naidu	Naidu
16	Ms. K.Devi Bhavani	Bh	Bh	Bh	Bh	Bh	Bh	Bh	Bh	Bh	Bh	Bh	Bh
17	Mr. Koteswara Rao	Rao	Rao	Rao	Rao	Rao	Rao	Rao	Rao	Rao	Rao	Rao	Rao
18	Mr.I V N Srinivas	Srin	Srin	Srin	Srin	Srin	Srin	Srin	Srin	Srin	Srin	Srin	Srin
19	Mr. B. S.Srinivas Nair	Srin	Srin	Srin	Srin	Srin	Srin	Srin	Srin	Srin	Srin	Srin	Srin
20	Mr.N.Venkatesh	Venke	Venke	Venke	Venke	Venke	Venke	Venke	Venke	Venke	Venke	Venke	Venke
21	Mr.N.Tilak Babu	Babu	Babu	Babu	Babu	Babu	Babu	Babu	Babu	Babu	Babu	Babu	Babu
22	Mr.K.L.Prasad	K.L.Prasad	K.L.Prasad	K.L.Prasad	K.L.Prasad	K.L.Prasad	K.L.Prasad	K.L.Prasad	K.L.Prasad	K.L.Prasad	K.L.Prasad	K.L.Prasad	K.L.Prasad
23	Mr.V.Jashwant	jashwant	jashwant	jashwant	jashwant	jashwant	jashwant	jashwant	jashwant	jashwant	jashwant	jashwant	jashwant



S. No	Name of the Faculty	Dates											
		17/2/2020		18/2/2020		19/2/2020		20/2/2020		21/2/2020		22/2/2020	
24	Ms. B.Satya Sridevi	Batya	Saty	Saty	Saty	Saty	Saty	Saty	Saty	Saty	Saty	Saty	Saty
25	Mr. B.V. Mahesh	B.V.M	B.V.M	B.V.M	B.V.M	B.V.M	B.V.M	B.V.M	B.V.M	B.V.M	B.V.M	B.V.M	B.V.M
26	Ms. S. Sridevi	S.Sridevi	S.Sridevi	S.Sridevi	S.Sridevi	S.Sridevi	S.Sridevi	S.Sridevi	S.Sridevi	S.Sridevi	S.Sridevi	S.Sridevi	S.Sridevi
27	Mr. K.Satya Suresh	K.Suresh	K.Suresh	K.Suresh	K.Suresh	K.Suresh	K.Suresh	K.Suresh	K.Suresh	K.Suresh	K.Suresh	K.Suresh	K.Suresh
28	Mrs.V.Chandini	Mrs.V.Ch	Mrs.V.Ch	Mrs.V.Ch	Mrs.V.Ch	Mrs.V.Ch	Mrs.V.Ch	Mrs.V.Ch	Mrs.V.Ch	Mrs.V.Ch	Mrs.V.Ch	Mrs.V.Ch	Mrs.V.Ch
29	Ms. N. Sri Kala	Srikala	Srikala	Srikala	Srikala	Srikala	Srikala	Srikala	Srikala	Srikala	Srikala	Srikala	Srikala
30	Mr. K.Srinu Babu	K.S.babu	K.S.babu	K.S.babu	K.S.babu	K.S.babu	K.S.babu	K.S.babu	K.S.babu	K.S.babu	K.S.babu	K.S.babu	K.S.babu
31	Dr.N.Dhinesh Babu	N.Dhinesh	N.Dhinesh	N.Dhinesh	N.Dhinesh	N.Dhinesh	N.Dhinesh	N.Dhinesh	N.Dhinesh	N.Dhinesh	N.Dhinesh	N.Dhinesh	N.Dhinesh
32	Dr.Jagat Pati Rai Guru	Guru	Guru	Guru	Guru	Guru	Guru	Guru	Guru	Guru	Guru	Guru	Guru
33	Mr. B.Srinivas	B.Srinivas	B.Srinivas	B.Srinivas	B.Srinivas	B.Srinivas	B.Srinivas	B.Srinivas	B.Srinivas	B.Srinivas	B.Srinivas	B.Srinivas	B.Srinivas
34	Mr.T.Srinivas Rao	T.Sri	T.Sri	T.Sri	T.Sri	T.Sri	T.Sri	T.Sri	T.Sri	T.Sri	T.Sri	T.Sri	T.Sri
35	Mr.A.KondaBabu	Konde	Konde	Konde	Konde	Konde	Konde	Konde	Konde	Konde	Konde	Konde	Konde
36	Mr.G.Rama Naidu	Naidu	Naidu	Naidu	Naidu	Naidu	Naidu	Naidu	Naidu	Naidu	Naidu	Naidu	Naidu
37	Mr.G.Anjali	Ani	Ani	Ani	Ani	Ani	Ani	Ani	Ani	Ani	Ani	Ani	Ani
38	Mr.Tilak Babu	Babu	Babu	Babu	Babu	Babu	Babu	Babu	Babu	Babu	Babu	Babu	Babu
39	Mr.P.B.Srinivas	P.B.Srinivas	P.Srinivas	P.Srinivas	P.Srinivas	P.Srinivas	P.Srinivas	P.Srinivas	P.Srinivas	P.Srinivas	P.Srinivas	P.Srinivas	P.Srinivas
40	Mr.V.Satya Narayana	Mr.V.Na	Mr.V.Na	Mr.V.Na	Mr.V.Na	Mr.V.Na	Mr.V.Na	Mr.V.Na	Mr.V.Na	Mr.V.Na	Mr.V.Na	Mr.V.Na	Mr.V.Na
41	Mr.I.Raja	I.Raja	I.Raja	I.Raja	I.Raja	I.Raja	I.Raja	I.Raja	I.Raja	I.Raja	I.Raja	I.Raja	I.Raja
42	Mr.T.Arun Kumar	Kumar	Kumar	Kumar	Kumar	Kumar	Kumar	Kumar	Kumar	Kumar	Kumar	Kumar	Kumar
43	Mr.M.Neeladri	N	N	N	N	N	N	N	N	N	N	N	N
44	Mr.G.Ajay Shankar	Shankar	Shankar	Shankar	Shankar	Shankar	Shankar	Shankar	Shankar	Shankar	Shankar	Shankar	Shankar
45	Mr.K.Suresh	K.Suresh	K.Suresh	K.Suresh	K.Suresh	K.Suresh	K.Suresh	K.Suresh	K.Suresh	K.Suresh	K.Suresh	K.Suresh	K.Suresh
46	Mr.K.SatyaNarayana	Satya	Satya	Satya	Satya	Satya	Satya	Satya	Satya	Satya	Satya	Satya	Satya
47	Ms.J.Sasi Priya	Sasi	Sasi	Sasi	Sasi	Sasi	Sasi	Sasi	Sasi	Sasi	Sasi	Sasi	Sasi
48	Ms.K.Pavani	K.Pavani	K.Pavani	K.Pavani	K.Pavani	K.Pavani	K.Pavani	K.Pavani	K.Pavani	K.Pavani	K.Pavani	K.Pavani	K.Pavani

CO-ORDINATOR

PRINCIPAL  
Aditya Engineering College  
SUTAR NLEM

HOD  
Head of the Department  
Department of E.C.E.  
Aditya Engineering College (A9)





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Aditya Nagar, ADB Road, Surampalem - 533437, Near Kakinada, E.G.Dt., Ph:99498 76662

## Department of Electronics and Communication Engineering

Date: 22-02-2020

### Report on

### A Six Days FDP on "Electromagnetics, RF and radar Signal Processing"

**Title:** Electromagnetics, RF and radar Signal Processing

#### **Introduction to Event:**

A Six Day FDP on "Electro-magnetic, RF and radar Signal Processing" was conducted at Aditya Engineering College (A), Surampalem by the department of ECE to make faculty learn how to consider design metrics. The objective of this programme is to impart the knowledge on the mathematical equations formulated by Maxwell incorporated light and wave phenomena into electromagnetism. Radar signal processing encompasses computing the inverse of the covariance matrix. Keeping this in view, the department has organized this Faculty Development programme for the benefit of the faculty.

**Event Dates:** 17-02-2020 to 22-02-2020

**Number of Days:** 6 day

**Co-ordinator:** Ms. G.Jyothirmmai, Assoc. Professor, Department of ECE.

#### **Agenda/Event Flow:**

Introduction to Network, Video Channels, Live Chat. Customer Feedback, Call Centre Software, Video Conferencing, Text Messages and Whatsapp.

**No. of Participants:** 48

**Experts with Designation:** 1. Dr.D.Kishore, Assoc. Professor

#### **Experts' Profile:**

Dr.D.Kishore, Assoc. Professor, completed PhD. from JNTUK. His expertise is in implementing knowledge on R Social Media Platforms with real-time performance on the edge devices. He had working experience with Video Channels, Live Chat, Video Conferencing, and Text Messages.

**Venue:** Computer Lab-1 (BGB Room No: 101)

S. G.  
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Aditya Engineering College  
SURAMPALAM

**Venue:** Computer Lab-1 (BGB Room No: 101)

**Staffing:**

1. Mr.M.Neeladri, Assoc. Professor
2. Mr.A.Konda Babu, Asst. Professor

**Outcomes:**

- Participants have become familiarized with the mathematical equations formulated by Maxwell incorporated light and wave phenomena into electromagnetism..
- Participants applied the knowledge gained in the Recent trends computing the inverse of the covariance matrix.

**Conclusive Remarks:**

This 1-Day Workshop was conducted successfully fulfilling the goal of making faculty from ECE department learn the covariance matrix and electro magnetism. As it was one of the good opportunities, all the participants were involved and interacted well. Finally, the program successfully came to end by giving necessary knowledge to faculty in the field of computing the inverse of the covariance matrix. This learning experience covered a wide breadth of topics from the key steps involved in system..

**Photo:**



*RS*  
Co-ordinator

*S. Niv*  
PRINCIPAL  
Aditya Engineering College  
SIPAMPAL EM

*G. Sridhar*  
Head of the Department  
Head of the Department  
Department of E.C.E.  
Aditya Engineering College (A9)



**5-day FDP on "Distributed  
Computing using Spark "**

**(22-07-2019 to 26-07-2019)**

**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):

Signature  
(Participant)

(Head of the Department)

**Chief Patrons**

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

**Patron**

Dr. M. Sreenivasa Reddy, Principal  
Aditya Engineering College.

**Chairman**

Dr. S. Rama Sree,  
Professor in CSE, Dean (Academics)

**Coordinator**

Mr. Chada Udaya Bhaskar,  
Associate Professor, Dept. of CSE

**Organizing Committee**

Mr. Phani Sridhar Addepalli,  
Associate Professor, Dept. of CSE

Mr. Rajakala Jaladi  
Asst. Professor, Dept. of CSE

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**5-day FDP on "Distributed  
Computing using Spark "**

**(22-07-2019 to 26-07-2019)**



**Department of Computer  
Science & Engineering**

**ADITYA ENGINEERING  
COLLEGE(A)**

(Approved by AICTE, Affiliated to JNTUK)  
Recognized by UG under section 2(f) of UG act, 1956  
Aditya Nagar, ADB Road, Surampalem - 533 437

**Head of the Department**

Mrs. A Vanati,  
Associate Professor,  
Department of CSE,  
Aditya Engineering College,  
Email: hod\_cse@aec.edu.in





## ABOUT ADITYA ENGINEERING COLLEGE

Aditya Engineering College was established in the academic year 2001-02 under the aegis of Aditya Academy, Kakinada with the approval of AICTE and Affiliated to JNTU with an intake of 180 in three UG Courses in Engineering & Technology. Sri.Nallamilli Sesha Reddy, as a founder chairman, promoted the educational society in the name and style of Aditya Academy at Kakinada in the year 1984, with a vision and mission to create a platform for holistic growth and success for students at all levels.

The College is situated in serene, scenic, wi-fi enabled and eco-friendly area of 180 acres with thick greenery at Surampalem, Gandepalli Mandal, East Godavari District, Andhra Pradesh. The College is 15 KM away from Samalkot Railway Station on Howrah-Chennai Railway line in South Central Railway. The College is 35 Km away from Kakinada and Rajahmundry on ADB Road. The college received UGC recognition under Sections 2(f) and 12 (B) of the UGC Act.

### ABOUT DEPARTMENT OF

### COMPUTER SCIENCE & ENGINEERING

The Department of Computer Science & Engineering is established with the inception of college in the year 2001. It administers bachelor's programs in Computer Science and Engineering with an intake of 180 students, as well as master's programs in Computer Science and Engineering with intake of 120 students. The skilled faculty members with high qualification are dynamic in teaching, research consultancy programs.

## About PDP

PDP is to provide insights on Distributed Computing using Spark for CSE & IT faculty.

Tentative Schedule:

Day	Tentative Topic
Day-1	• Uni- and Multi-Processor Programming
Day-2	• Parallel Programming Paradigms and Algorithms
Day-3	• Performance and Scalability Analysis
Day-4	• Shared Memory Programming—OpenMP: Directive Based Parallel Programming
Day-5	• Explicit Message Passing—MPI Library

### Resource Person:

Mr. N. Uday Kumar  
Associate Professor, Dept. of CSE  
GVP College

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## Objectives

The main objective of the Program is:

- To gain basic Knowledge about Distributed Computing
- To gain basic knowledge about Distributed Computing advantages and Applications

## Outcomes:

On successful completion the PDP,

participants will be able to:

Learn basics about Distributed Computing and Uni- and Multi-Processor Programming

Learn basics about Parallel Programming Paradigms and Algorithms

Learn basics about Shared Memory Programming—OpenMP: Directive Based Parallel

### Address for Correspondance

Mr. Chada Udaya Bhaskar,  
Associate Professor, Dept. of CSE,  
Aditya Engineering College,  
Surampalem.  
E.G. Dist. A.P-533437  
Mobile No. 8374155124.





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## Department of Computer Science and Engineering

Date: 12-07-2019

### CIRCULAR

All the faculty members of CSE, IT are hereby informed that the department of Computer Science and Engineering is Organizing 5-day FDP on **Distributed Computing using Spark** from 22-07-2019 to 26-07-2019. Hence, the interested faculty from CSE, IT are advised to register their names with the programme coordinator Mr. Chada Udaya Bhaskar, Associate Professor, Department of CSE on or before 19-07-2019.

Venue: Billgates Bhavan-Room No124

Timings: 10:00 AM to 4:00 PM

Head of the Department

Head of the Department  
Department of CSE

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## Department of Computer Science and Engineering 5 day FDP on "Distributed Computing using Spark"

### Attendance Sheet

S. No	Faculty Name	College Name	22-07-2019		23-07-2019		24-07-2019		25-07-2019		26-07-2019	
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	Mr. Makineedi Rajababu	Aditya Engineering College	Rajababu	Rajababu	Rajababu	Rajababu	Rajababu	Rajababu	Rajababu	Rajababu	Rajababu	Rajababu
2	Mr. Arun Bhaskar Karri	Aditya Engineering College	Arun	Arun	Arun	Arun	Arun	Arun	Arun	Arun	Arun	Arun
3	Mr. Siddanathi Veera Venkata Durga Jagadeesh	Aditya Engineering College	Jagadeesh	Jagadeesh	Jagadeesh	Jagadeesh	Jagadeesh	Jagadeesh	Jagadeesh	Jagadeesh	Jagadeesh	Jagadeesh
4	Ms. Sadineni Neelima	Aditya Engineering College	Neelima	Neelima	Neelima	Neelima	Neelima	Neelima	Neelima	Neelima	Neelima	Neelima
5	Mr. Gunnam Srinivas	Aditya Engineering College	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas
6	Mr. Grandhi Siva Shankar	Aditya Engineering College	Shankar	Shankar	Shankar	Shankar	Shankar	Shankar	Shankar	Shankar	Shankar	Shankar

*[Signature]*  
Co-ordinator

*[Signature]*  
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7	Mr. Kalyan Chakravarthy Antharaju	Aditya Engineering College	Kalyan	Kalyan	Kalyan	Kalyan	Kalyan	Kalyan	Kalyan	Kalyan	Kalyan	Kalyan	Kalyan
8	Ms. Sunkara Sushma	Aditya Engineering College	Sushma	Sushma	Sushma	Sushma	Sushma	Sushma	Sushma	Sushma	Sushma	Sushma	Sushma
9	Ms. Indira Spandana Singetham	Aditya Engineering College	Indira	Indira	Indira	Indira	Indira	Indira	Indira	Indira	Indira	Indira	Indira
10	Ms. Dokiburra Beulah	Aditya Engineering College	Beulah	Beulah	Beulah	Beulah	Beulah	Beulah	Beulah	Beulah	Beulah	Beulah	Beulah
11	Mr. Neelam Venkata Satyanarayana Murthy	Aditya Engineering College	Neelam	Neelam	Neelam	Neelam	Neelam	Neelam	Neelam	Neelam	Neelam	Neelam	Neelam
12	Mr. Gokeda Simhadri	Aditya Engineering College	Simhadri	Simhadri	Simhadri	Simhadri	Simhadri	Simhadri	Simhadri	Simhadri	Simhadri	Simhadri	Simhadri
13	Mr. Sri Satya Sudhir Reddy	Aditya Engineering College	Sudhir	Sudhir	Sudhir	Sudhir	Sudhir	Sudhir	Sudhir	Sudhir	Sudhir	Sudhir	Sudhir
14	Mr. Baliredi Ramesh	Aditya Engineering College	Ramesh	Ramesh	Ramesh	Ramesh	Ramesh	Ramesh	Ramesh	Ramesh	Ramesh	Ramesh	Ramesh
15	Mr. Hanumantu Gautam	Aditya Engineering College	Gautam	Gautam	Gautam	Gautam	Gautam	Gautam	Gautam	Gautam	Gautam	Gautam	Gautam
16	Ms. Tadi Satya Chellayi	Aditya Engineering College	Satya	Satya	Satya	Satya	Satya	Satya	Satya	Satya	Satya	Satya	Satya
17	Dr. Sripada Rama Sree	Aditya Engineering	Rama	Rama	Rama	Rama	Rama	Rama	Rama	Rama	Rama	Rama	Rama

*Coordinator*

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SURAMPALEM - 533 437

		College										
18	Dr. Rama Reddy Tetali	Aditya Engineering College	Ramreddy	Reddy	Ramreddy	Reddy	Ramreddy	Reddy	Ramreddy	Reddy	Ramreddy	Reddy
19	Dr. Srinivas Rayudu	Aditya Engineering College	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas
20	Dr. Vamsi Krishna Mangalapalli	Aditya Engineering College	V. Krishna	V. Krishna	V. Krishna	V. Krishna	V. Krishna	V. Krishna	V. Krishna	V. Krishna	V. Krishna	V. Krishna
21	Dr. P. Udayakumar	Aditya Engineering College	Kumar	Kumar	Kumar	Kumar	Kumar	Kumar	Kumar	Kumar	Kumar	Kumar
22	Ms. A. Vanathi	Aditya Engineering College	Vanathi	Vanathi	Vanathi	Vanathi	Vanathi	Vanathi	Vanathi	Vanathi	Vanathi	Vanathi
23	Mr. Venkata Rajesh Masina	Aditya Engineering College	Rajesh	Rajesh	Rajesh	Rajesh	Rajesh	Rajesh	Rajesh	Rajesh	Rajesh	Rajesh
24	Mr. Prasada Rao Chatla	Aditya Engineering College	Prasada Rao	Prasada Rao	Prasada Rao	Prasada Rao	Prasada Rao	Prasada Rao	Prasada Rao	Prasada Rao	Prasada Rao	Prasada Rao
25	Ms. Sudha Rani Tirukoti	Aditya Engineering College	Sudha Rani	Sudha Rani	Sudha Rani	Sudha Rani	Sudha Rani	Sudha Rani	Sudha Rani	Sudha Rani	Sudha Rani	Sudha Rani
26	Mr. Kaladi Govinda Raju	Aditya Engineering College	Raju	Raju	Raju	Raju	Raju	Raju	Raju	Raju	Raju	Raju
27	Mr. Chada Udaya Bhaskar	Aditya Engineering College	Udaya Bhaskar	Udaya Bhaskar	Udaya Bhaskar	Udaya Bhaskar	Udaya Bhaskar	Udaya Bhaskar	Udaya Bhaskar	Udaya Bhaskar	Udaya Bhaskar	Udaya Bhaskar

*(Signature)*  
Co-ordinator


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28	Mr. Phani Sridhar Addepalli	Aditya Engineering College	Phani	Phani	Phani	Phani	Phani	Phani	Phani	Phani	Phani	Phani
29	Ms. Kamparapu Devi Priya	Aditya Engineering College	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya
30	Ms.A.Harini	Pragati Engineering College	Harini	Harini	Harini	Harini	Harini	Harini	Harini	Harini	Harini	Harini
31	Mr.U. Veera Ramesh	Pragati Engineering College	Ramesh	Ramesh	Ramesh	Ramesh	Ramesh	Ramesh	Ramesh	Ramesh	Ramesh	Ramesh
32	Mrs. S. Surya Sri	Pragati Engineering College	Surya	Surya	Surya	Surya	Surya	Surya	Surya	Surya	Surya	Surya
33	Mrs.Divya Karri	Pragati Engineering College	Divya	Divya	Divya	Divya	Divya	Divya	Divya	Divya	Divya	Divya
34	Mrs. T.N.V. Durga	Pragati Engineering College	Durga	Durga	Durga	Durga	Durga	Durga	Durga	Durga	Durga	Durga
35	Ms. M. Uma Devi	Pragati Engineering College	Uma	Uma	Uma	Uma	Uma	Uma	Uma	Uma	Uma	Uma

  
Coordinator

  
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SURAMPALAM - 533 437

  
Head of the Department  
Head of the Department  
Department of CSE  
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Aditya Nagar, ADB Road, Surampalem - 533437, Near Kakinda, E.G.Dt., Ph:99498 76662

## Department of Computer Science and Engineering

Date: 26.07.2019

### Report on

### 5 day FDP on Distributed Computing using Spark

**Introduction to Event:** 5 day FDP on Distributed Computing using Spark was conducted at Aditya Engineering College (A), Surampalem by the department of CSE to acquire knowledge about current technological developments in relevant field. The objective of this programme is to impart the knowledge on Distributed Computing, to give basic knowledge about Distributed Computing. It is useful for teaching staff to do data day to day activities of the organization the department has organized this 5 day FDP on Distributed Computing using Spark programme for the benefit of the faculty those involve in teaching CSE and IT departments.

**Event Dates:** 22-07-2019 to 26-07-2019

**Number of Days:** 5 days

**Co-ordinator:** Mr. Chada Uday Bhaskar,  
Associate Professor, Dept. of CSE, Aditya Engineering College.

#### Agenda/Event Flow:

- Day-1 Uni- and Multi-Processor Programming
- Day-2 Parallel Programming Paradigms and Algorithms
- Day-3 Performance and Scalability Analysis
- Day-4 Shared Memory Programming-OpenMP: Directive Based Parallel Programming
- Day-5 Explicit Message Passing-MPI Library

**No. of Participants:** 35

**Experts with Designation:** Mr. N. Uday Kumar  
Associate Professor, Dept. of CSE  
GVP College.

**Venue:** Billgates Bhavan- Seminar Hall

#### Staffing:

1. Mr. Phani Sridhar Addepalli, Associate Professor, Dept. of CSE
2. Mr. Rajakala Jaladi, Asst. Professor, Dept. of CSE

**Outcomes:** Participants have become familiarized on basics about Python programming and also basic knowledge about how to download and install Python 3 latest version and also familiarized about Python Basics and Python Applications

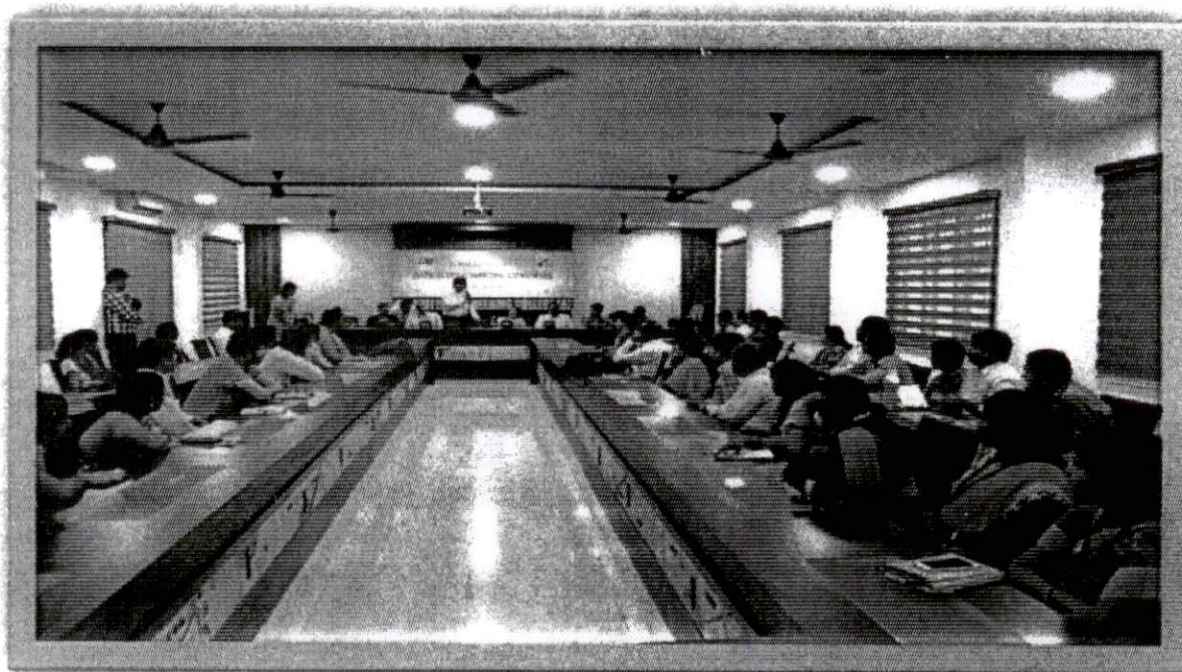
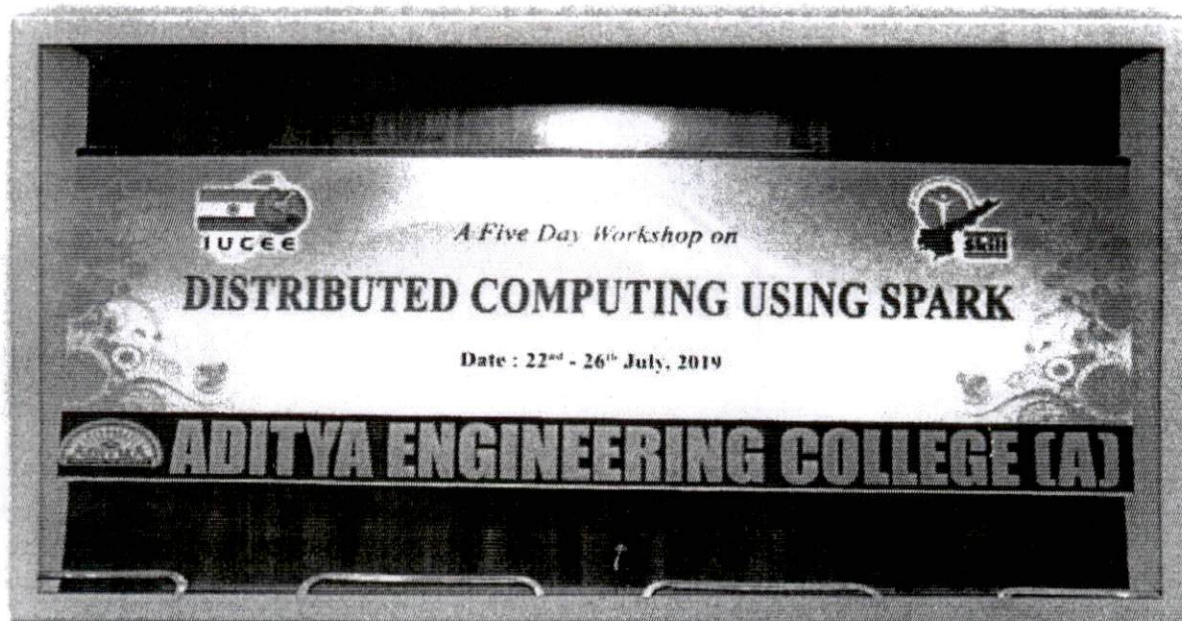
**Conclusive Remarks:** This 5-day FDP on Distributed Computing using Spark was conducted successfully fulfilling the goal of making faculty from PDP on Distributed Computing. As it was one of the good opportunities, all the participants were involved and interacted well. Finally, the

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SURAMPALAM - 533 43



program successfully came to end by giving necessary knowledge to faculty in the field of Distributed Computing. The resource person presented the topics with relevant examples and provided learning resources to all the participants.

Photos:



**FDP on Distributed Computing using Spark**

*Chava*  
Coordinator

*2d*

*BNM*  
Head of the Department

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**SURAMPalem - 533 437**

**Head of the Department**  
**Department of CSE**  
**ADITYA ENGINEERING COLLEGE (A9)**



**FDP on "Python Web  
Application Development  
Using Flask and Django"  
(15-07-2019 to 20-07-2019)**

**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):

Signature  
(Participant)

(Head of the Department)

**Chief Patrons**

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

**Patron**

Dr. M. Sreenivasa Reddy, Principal  
Aditya Engineering College.

**Chairman**

Dr. S. Rama Sree,  
Professor in CSE, Dean (Academics)

**Coordinator**

Dr. T.Rama Reddy,  
Associate Professor, Dept. of CSE

**Organizing Committee**

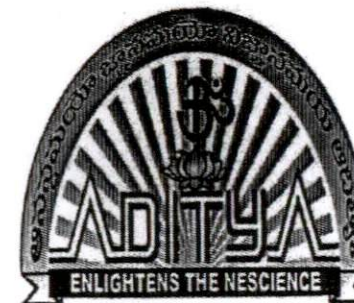
T.Sudharani,  
Associate Professor, Dept. of CSE

K.Vydehi,  
Asst. Professor, Dept. of CSE

*[Handwritten Signature]*

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**SURAMPALEM - 533 437**

**FDP on "Python Web  
Application Development  
Using Flask and Django"  
(15-07-2019 to 20-07-2019)**



**Department of Computer  
Science & Engineering**

**ADITYA ENGINEERING  
COLLEGE(A)**

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**Head of the Department**

**Mrs. A Vanati,**  
**Associate Professor,**  
**Department of CSE,**  
**Aditya Engineering College,**  
**Email: hod\_cse@aec.edu.in**





## ABOUT ADITYA ENGINEERING COLLEGE

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### COMPUTER SCIENCE & ENGINEERING

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## About PDP

FDP provide insights on Python Web Application Development Using Flask and Django for CSE & IT faculty.

Tentative Schedule:

Day	Tentative Topic
Day-1	<ul style="list-style-type: none"><li>Python Basics, classes, object</li><li>Python different modules</li><li>Python control statements</li></ul>
Day-2	<ul style="list-style-type: none"><li>Flask Framework</li></ul>
Day-3	<ul style="list-style-type: none"><li>HTTP Methods, Flask framework mail</li></ul>
Day-4	<ul style="list-style-type: none"><li>Django Framework</li></ul>
Day-5	<ul style="list-style-type: none"><li>Bootstrap 4 Forms with Django</li></ul>
Day-6	<ul style="list-style-type: none"><li>Django 404 Error Handling Page</li></ul>

### Resource Person:

Mr.Ch.UdayaBhaskar,  
Associate Professor, Dept. of CSE

## Objectives

The main objective of the Program is:

- To gain basic Knowledge about Python programming
- To gain basic knowledge about Flask Framework
- To learning about Django Framework

## Outcomes

On successful completion the FDP

participants will be able to Learn

Basics about Python

Able to Use different modules in Python

Learn about Django Framework

### Address for Correspondance

Dr. T.Rama Reddy  
Associate Professor, Dept. of CSE,  
Aditya Engineering College,  
Surampalem.  
E.G.Dist. A.P-533437  
Mobile No. 9892656664

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## Department of Computer Science and Engineering

Date: 05-07-2019

### CIRCULAR

All the faculty members of CSE are hereby informed that the department of Computer Science and Engineering is organizing a 3-Days Faculty Development Programme on "Python Web Application Development using Flask and Django" from 15-07-2019 to 20-07-2019. Hence, the interested faculty from CSE, IT are advised to register their names with the programme coordinator **Mr. T.Rama Reddy**, Associate Professor, Department of CSE on or before 11-07-2019.

Venue: Billgates Bhavan-Room No 223

Timings: 10:00 AM to 1:00 PM

Head of the Department

Head of the Department  
Department of CSE  
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## Department of Computer Science and Engineering 6-Days PDP on "Python Web Application Development using Flask and Django"

### Attendance Sheet

S. No	Faculty Name	College Name	15-07-2019		16-07-2019		17-07-2019		18-07-2019		19-07-2019		20-07-2019	
			FN	AN	FN	FN	AN	FN	FN	AN	FN	AN	FN	AN
1	Dr. Naveen Nrusimhadri	Aditya Engineering college	Naveen	Naveen	Naveen	Naveen	Naveen	Naveen	Naveen	Naveen	Naveen	Naveen	Naveen	Naveen
2	Dr. P. Udayakumar	Aditya Engineering college	Udaya	Udaya	Udaya	Udaya	Udaya	Udaya	Udaya	Udaya	Udaya	Udaya	Udaya	Udaya
3	Dr. Rama Reddy Tetali	Aditya Engineering college	Ramareddy	Ramareddy	Ramareddy	Ramareddy	Ramareddy	Ramareddy	Ramareddy	Ramareddy	Ramareddy	Ramareddy	Ramareddy	Ramareddy
4	Dr. Srinivas Rayudu	Aditya Engineering college	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas
5	Dr. Sripada Rama Sree	Aditya Engineering college	Ramasree	Ramasree	Ramasree	Ramasree	Ramasree	Ramasree	Ramasree	Ramasree	Ramasree	Ramasree	Ramasree	Ramasree
6	Dr. Thatavarti Satish	Aditya Engineering college	Satish	Satish	Satish	Satish	Satish	Satish	Satish	Satish	Satish	Satish	Satish	Satish
7	Dr. Vamsi Krishna Mangalapalli	Aditya Engineering	Vamsi	Vamsi	Vamsi	Vamsi	Vamsi	Vamsi	Vamsi	Vamsi	Vamsi	Vamsi	Vamsi	Vamsi

*Traka*  
Co-ordinator

PRINCIPAL  
ADITYA ENGINEERING COLLEGE  
SURAMPALEM - 533 437



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Thakur  
Co-ordinator

PRINCIPAL  
ADITYA ENGINEERING COLLEGE  
SURAMPALEM - 533 437



19	Mr. Sivakumar Nalla	Aditya Engineering college	<u>Sivakumar</u>	<u>Sivakumar</u>	<u>Sivakumar</u>	<u>Sivakumar</u>	<u>Sivakumar</u>	<u>Sivakumar</u>	<u>Sivakumar</u>	<u>Sivakumar</u>	<u>Sivakumar</u>	<u>Sivakumar</u>	<u>Sivakumar</u>	<u>Sivakumar</u>
20	Mr. Tirupathi Rao Gullipalli	Aditya Engineering college	<u>Tirupathi Rao</u>	<u>Tirupathi Rao</u>	<u>Tirupathi Rao</u>	<u>Tirupathi Rao</u>	<u>Tirupathi Rao</u>	<u>Tirupathi Rao</u>	<u>Tirupathi Rao</u>	<u>Tirupathi Rao</u>	<u>Tirupathi Rao</u>	<u>Tirupathi Rao</u>	<u>Tirupathi Rao</u>	<u>Tirupathi Rao</u>
21	Ms. A S S D Toyaza	Aditya Engineering college	<u>Toyaza</u>	<u>Toyaza</u>	<u>Toyaza</u>	<u>Toyaza</u>	<u>Toyaza</u>	<u>Toyaza</u>	<u>Toyaza</u>	<u>Toyaza</u>	<u>Toyaza</u>	<u>Toyaza</u>	<u>Toyaza</u>	<u>Toyaza</u>
22	Ms. A. Vanathi	Aditya Engineering college	<u>Vanathi</u>	<u>Vanathi</u>	<u>Vanathi</u>	<u>Vanathi</u>	<u>Vanathi</u>	<u>Vanathi</u>	<u>Vanathi</u>	<u>Vanathi</u>	<u>Vanathi</u>	<u>Vanathi</u>	<u>Vanathi</u>	<u>Vanathi</u>
23	Ms. Akhila Nalla	Aditya Engineering college	<u>Akhila</u>	<u>Akhila</u>	<u>Akhila</u>	<u>Akhila</u>	<u>Akhila</u>	<u>Akhila</u>	<u>Akhila</u>	<u>Akhila</u>	<u>Akhila</u>	<u>Akhila</u>	<u>Akhila</u>	<u>Akhila</u>
24	Ms. Aparna Ganni	Aditya Engineering college	<u>Aparna</u>	<u>Aparna</u>	<u>Aparna</u>	<u>Aparna</u>	<u>Aparna</u>	<u>Aparna</u>	<u>Aparna</u>	<u>Aparna</u>	<u>Aparna</u>	<u>Aparna</u>	<u>Aparna</u>	<u>Aparna</u>
25	Ms. Devi Bondada	Aditya Engineering college	<u>Devi</u>	<u>Devi</u>	<u>Devi</u>	<u>Devi</u>	<u>Devi</u>	<u>Devi</u>	<u>Devi</u>	<u>Devi</u>	<u>Devi</u>	<u>Devi</u>	<u>Devi</u>	<u>Devi</u>
26	Ms. Kamparapu Devi Priya	Aditya Engineering college	<u>Devi</u>	<u>Devi</u>	<u>Devi</u>	<u>Devi</u>	<u>Devi</u>	<u>Devi</u>	<u>Devi</u>	<u>Devi</u>	<u>Devi</u>	<u>Devi</u>	<u>Devi</u>	<u>Devi</u>
27	Ms. Sarita Kilarapu	Aditya Engineering college	<u>Sarita</u>	<u>Sarita</u>	<u>Sarita</u>	<u>Sarita</u>	<u>Sarita</u>	<u>Sarita</u>	<u>Sarita</u>	<u>Sarita</u>	<u>Sarita</u>	<u>Sarita</u>	<u>Sarita</u>	<u>Sarita</u>
28	Dr. S Suresh	Pragti Engineering College	<u>Suresh</u>	<u>Suresh</u>	<u>Suresh</u>	<u>Suresh</u>	<u>Suresh</u>	<u>Suresh</u>	<u>Suresh</u>	<u>Suresh</u>	<u>Suresh</u>	<u>Suresh</u>	<u>Suresh</u>	<u>Suresh</u>
29	Mr. M V Rajesh	Pragti Engineering College	<u>Rajesh</u>	<u>Rajesh</u>	<u>Rajesh</u>	<u>Rajesh</u>	<u>Rajesh</u>	<u>Rajesh</u>	<u>Rajesh</u>	<u>Rajesh</u>	<u>Rajesh</u>	<u>Rajesh</u>	<u>Rajesh</u>	<u>Rajesh</u>
30	Mrs. Kumari Gorle	Pragti Engineering College	<u>Kumari</u>	<u>Kumari</u>	<u>Kumari</u>	<u>Kumari</u>	<u>Kumari</u>	<u>Kumari</u>	<u>Kumari</u>	<u>Kumari</u>	<u>Kumari</u>	<u>Kumari</u>	<u>Kumari</u>	<u>Kumari</u>

*TR*  
Co-ordinator

PRINCIPAL  
ADITYA ENGINEERING COLLEGE  
SURAMPALAM - 533 437

31	Mrs. G Suryakala Eswari	Pragti Engineering College	G. Suryakala Eswari	G. Suryakala Eswari	G. Suryakala Eswari	G. Suryakala Eswari	G. Suryakala Eswari	G. Suryakala Eswari	G. Suryakala Eswari	G. Suryakala Eswari	G. Suryakala Eswari	G. Suryakala Eswari	G. Suryakala Eswari
32	Mr. Manas Kumar Yogi	Pragti Engineering College	Mr. Manas Kumar Yogi	Manas Kumar Yogi	Manas Kumar Yogi	Manas Kumar Yogi	Manas Kumar Yogi	Manas Kumar Yogi	Manas Kumar Yogi	Manas Kumar Yogi	Manas Kumar Yogi	Manas Kumar Yogi	Manas Kumar Yogi

  
Coordinator

  
Head of the Department

Head of the Department  
Department of CSE  
ADITYA ENGINEERING COLLEGE (A9)



PRINCIPAL  
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SURAMPALAM - 533 437





# ADITYA ENGINEERING COLLEGE

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Aditya Nagar, ADB Road, Surampalem - 533437, Near Kakinada, E.G.Dt., Ph:99498 76662

## Department of Computer Science and Engineering

Date: 20.07.2019

### Report

**Title: FDP on Python Web Application Development using Flask and Django**

**Introduction to Event:** A Faculty Development Programme on Python Web Application Development using Flask and Django was conducted at Aditya Engineering College (A), Surampalem by the department of CSE to acquire knowledge about current technological developments in relevant field. The objective of this programme is to impart the knowledge on Python Web Application Development using Flask and Django, to give basic knowledge about Python Programming and a basic knowledge on Flask Framework to give basic knowledge Django framework for teaching staff. PDP on "Python Web Application Development using Flask and Django" is useful for teaching staff to do data to day activities of the organization. The department has organized this Faculty Development programme for the benefit of the faculty those involve in teaching CSE and IT departments.

**Event Dates:** 15-07-2019 to 20-07-2019

**Number of Days:** 6 days

**Co-ordinator:** Dr. T.Rama Reddy

Associate Professor, Dept.of CSE, Aditya Engineering College.

#### **Agenda/Event Flow:**

- Day-1 Python basics, classes, objects,
- Day-2 Python different modules, Python control statements
- Day-3 Flask Framework, HTTP Methods,
- Day-4 Flask Framework mail
- Day-5 Django Framework, Bootstrap 4 forms with Django,
- Day-6 Django 404 error handling page

**No. of Participants:** 32

**Experts with Designation:** Mr.Ch.UdayaBhaskar,

Associate Professor, Dept. of CSE

  
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**Experts' Profile:** He completed M.Tech from JNTUK, working as Associate Professor, Dept. of CSE. His expertise in python programming, web applications, AI and Deep Learning. He published several research papers in National and International Journals.

**Venue:** Billgates Bhavan-Room No 223

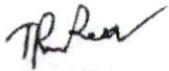
**Staffing:**

1. T.Sudharani, Associate Professor, Dept. of CSE
2. K.Vydehi, Asst. Professor, Dept. of CSE

**Outcomes:**

Participants have become familiarized on basics about Python programming and also basic knowledge about Flask Framework and also familiarized about Django Framework

**Conclusive Remarks:** This 3-Days programme was conducted successfully fulfilling the goal of making faculty from PDP on Python Web Application Development using Flask and Django. As it was one of the good opportunities, all the participants were involved and interacted well. Finally, the program successfully came to end by giving necessary knowledge to faculty in the field of Python Web Application Development using Flask and Django. This learning experience covered a wide breadth of topics from the key steps involved in basic knowledge about Python using Flask Framework and Django Framework. The resource person presented the topics with relevant examples and provided learning resources to all the participants.

  
Coordinator

  
Head of the Department

Head of the Department  
Department of CSE  
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SURAMPALEM - 533 437



**A Faculty Development Program  
On  
"Bigdata & Hadoop"  
(03-02-2020 to 07-02-2020)**

**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):

Signature  
(Participant)

(Head of the Department)

**Chief Patron**

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

**Patron**

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

**Convener**

Dr. M. Srinivasa Reddy, Principal

**Co-Convener**

M. Raja Babu, Associate Professor &  
HOD-IT

**Coordinator**

S. Neelima,  
Asst. Professor, Dept. of IT,  
Aditya Engineering College

**Organizing Committee**

A. K. Chakravarthy,  
Assistant Professor, Dept. of IT

S. Sushma,  
Asst. Professor, Dept. of IT

G. Siva Shankar,  
Asst. Professor, Dept. of IT

**A Faculty Development Program  
On  
"Bigdata & Hadoop"  
(03-02-2020 to 07-02-2020)**

**Organized by**

**Department of Information  
Technology**



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*S. Sushma*  
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**Aditya Engineering College**  
**SURAMPALEM**

## ABOUT ADITYA COLLEGE OF ENGINEERING

Aditya Engineering College was established in the academic year 2001-02 under the aegis of Aditya Academy, Kakinada with the approval of AICTE and Affiliated to JNTU with an intake of 180 in three UG Courses in Engineering & Technology. Sri Nallamilli Seshareddy, as a founder chairman, promoted the educational society in the name and style of Aditya Academy at Kakinada in the year 1984, with a vision and mission to create a platform for holistic growth and success for students at all levels.

The College is situated in serene, scenic, wi-fi enabled and eco-friendly area of 180 acres with thick greenery at Surampalem, Gandepalli Mandal, East Godavari District, Andhra Pradesh. The College is 15 KM away from Samalkot Railway Station on Howrah-Chennai Railway line in South Central Railway. The College is 35 Km away from Kakinada and Rajahmundry on ADB Road. The college received UGC recognition under Sections 2(f) and 12 (B) of the UGC Act.

## ABOUT DEPARTMENT OF INFORMATION TECHNOLOGY

Aditya Engineering College established the Department of Information Technology (IT) in 2001 with an initial intake of 60 students. The department has the professional association with CSI. The skilled faculty members with high qualification are dynamic in teaching, research consultancy programs.

## About FDP

The FDP is to provide insights on the topic "Bigdata & Hadoop" for CSE, IT & MCA faculty.

Date	Topic
03-02-20	Introduction to Bigdata, Hadoop & Big Data Analytics
04-02-20	Hadoop Design and Environment Setup
05-02-20	HDFS Overview and Operations, Basics of Map Reduce Programming
06-02-20	Basics of HIVE & PIG Tools Business Intelligence Concepts and Application
07-02-20	Managing Hadoop with Apache Ambari

## RESOURCE PERSONS

1. Dr. A. Venkata Ramana, Department of CSE, GMR Institute of Technology, Rajam.
2. H. Gautam, Assistant Professor, Department of MCA, Aditya Engineering College, Surampalem.
3. Dr. M. Ben Swarup, Professor, Department of CSE, Vignana's Institute of Information Technology, Visakhapatnam

## Objectives

The main objective of the Program is:

- The programme is designed to enhance the learning and research skills of the participants, to make them aware about modern analytical tools and methodologies.
- To acquire knowledge about current technological developments in relevant fields
- The programme mainly focuses on Big Data Analytics and the different computational approaches with primary concern and motivation for application development.

## Outcomes

- To gain mere knowledge between structured and unstructured databases
- To implement Map-Reduce Programming, for structured, unstructured data processing
- To acquire practical knowledge on HIVE, PIG, MongoDB, NoSQL.

## Address for Correspondance

S. Neelima,  
Asst. Professor, IT Department,  
Aditya Engineering College,  
Surampalem.  
E.G. Dist. A.P-533437  
Mobile No. 7036042972.

  
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## DEPARTMENT OF INFORMATION TECHNOLOGY

Date:22-01-2020

### CIRCULAR

All the faculty members of CSE, IT & MCA departments are hereby informed that the department of Information Technology is organizing a Faculty Development Program on "Bigdata & Hadoop" from 03-02-2020 to 07-02-2020. Hence, the interested faculty from CSE & IT are advised to register their names with the coordinator Mrs. S. Neelima, Asst. Professor, Department of IT on or before 02-02-2020.

**Venue:** Bill Gates Bhavan -102

**Timings:** 10:30 AM to 3:30 PM

  
HOD

Head of the Department  
Department of IT  
Aditya Engineering College

  
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## DEPARTMENT OF INFORMATION TECHNOLOGY

### Faculty Development Program on "Bigdata & Hadoop"

S.No	Name of the Faculty	Name of the College	03-02-2020		04-02-2020		05-02-2020		06-02-2020		07-02-2020	
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	M. Raja Babu	AEC, Surampalem										
2	K. Arun Bhaskar	AEC, Surampalem										
3	S. Sushma	AEC, Surampalem										
4	G.Siva Shankar	AEC, Surampalem										
5	S. Neelima	AEC, Surampalem										
6	S.V.V.D. Jagadeesh	AEC, Surampalem										
7	K. Sarita	AEC, Surampalem										
8	B.R.S.S.Raju	AEC, Surampalem										
9	A.K. Chakravarthy	AEC, Surampalem										
10	Dr. Srinivas Rayudu	AEC, Surampalem										
11	N. S. K. L. Kumar	AEC, Surampalem										
12	Dr. M. Kandan	AEC, Surampalem										
13	P. Srilatha	AEC, Surampalem										
14	V. Ravi Kishore	AEC, Surampalem										
15	K. Vydehi	AEC, Surampalem										

Coordinator

PRINCIPAL  
ADITYA ENGINEERING COLLEGE  
SURAMPALAM - 533 437



S.No	Name of the Faculty	Name of the College	03-02-2020		04-02-2020		05-02-2020		06-02-2020		07-02-2020	
			FN	AN	FN	AN	FN	FN	AN	FN	AN	FN
16	A S S D Toyaza	AEC, Surampalem	Toyaza	Toyaza	Toyaza	Toyaza	Toyaza	Toyaza	Toyaza	Toyaza	Toyaza	Toyaza
17	M. Srinu	AEC, Surampalem	M.Srinu	M.Srinu	M.Srinu	M.Srinu	M.Srinu		M.Srinu	M.Srinu	M.Srinu	M.Srinu
18	B. Devi	AEC, Surampalem	Devi	Devi	Devi	Devi	Devi	Devi	Devi	Devi	Devi	Devi
19	G. Swarnalatha	AEC, Surampalem	GS	GS	GS	GS	GS	GS	GS	GS	GS	GS
20	K. Govinda raju	AEC, Surampalem	K	K	K	K	K	K	K	K	K	K
21	Dr.M. Kandan	AEC, Surampalem	Kandan	Kandan	Kandan	Kandan		Kandan	Kandan	Kandan	Kandan	Kandan
22	D. Haritha	ACET, Surampalem	Haritha	Haritha	Haritha	Haritha	Haritha	Haritha	Haritha	Haritha		Haritha
23	K.S.B.Ambika	ACET, Surampalem	K.Ambika	K.Ambika	K.Ambika	K.Ambika	K.Ambika	K.Ambika	K.Ambika	K.Ambika	K.Ambika	K.Ambika
24	V.Chandra Sekhara Rao	ACOE, Surampalem	VS	VS	VS	VS	VS	VS	VS	VS	VS	VS
25	T.Veeraraju	ACOE, Surampalem	T.Veeraraju	T.Veeraraju	T.Veeraraju	T.Veeraraju	T.Veeraraju	T.Veeraraju		T.Veeraraju	T.Veeraraju	T.Veeraraju
26	K. Sai Sravani	SRKR Engineering College, Bhimavaram	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS
27	M. Raj Kumar	Pragati Engineering College	MRK	MRK	MRK	MRK	MRK	MRK	MRK	MRK	MRK	MRK
28	N. Satya Kala	Raghu Engineering College	Satya	Satya	Satya	Satya	Satya		Satya	Satya	Satya	Satya
29	K. Pavan	Pydah College Of Engineering	K.Pavan	K.Pavan	K.Pavan	K.Pavan	K.Pavan	K.Pavan	K.Pavan	K.Pavan	K.Pavan	K.Pavan
30	R. Prasanthi Kumari	SIET, Narsapur	Prasanthi	Prasanthi	Prasanthi	Prasanthi	Prasanthi	Prasanthi	Prasanthi	Prasanthi		Prasanthi

Coordinator

PRINCIPAL  
Aditya Engineering College  
SURAMPALAM

HOD  
Head of the Department  
Department of IT  
Aditya Engineering College



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## DEPARTMENT OF INFORMATION TECHNOLOGY

Date: 08.02.2020

### Report on

### A Faculty Development Program On "Bigdata & Hadoop"

**Title:** Bigdata & Hadoop

**Introduction to Event:**

A six Day Faculty Development Program on "Bigdata & Hadoop" was conducted at Aditya Engineering College (A), Surampalem by the department of IT to enhance the skills of faculty in the area of Bigdata & Hadoop.

**Event Dates:** 03-02-2020 to 07-02-2020

**Number of Days:** 6 days

**Co-ordinator:** Mrs. S. Neelima, Asst. Professor, Department of IT.

**Agenda/Event Flow:**

Day-1: Introduction to Bigdata, Hadoop & Big Data Analytics

Day-2: Hadoop Design and Environment Setup

Day-3: HDFS Overview and Operations, Basics of Map Reduce Programming

Day-4 Basics of HIVE & PIG Tools, Business Intelligence Concepts and Application

Day-5: Managing Hadoop with Apache Ambari

**No. of Participants:** 15

**Resource Person:**

1. Dr. A. Venkata Ramana, Department of CSE,

GMR Institute of Technology, Rajam.

2. H. Gautam, Assistant Professor,

Department of MCA, Aditya Engineering College, Surampalem.

3. Dr. M. Ben Swarup, Professor,

Department of CSE, Vignan's Institute of Information Technology, Visakhapatnam

  
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**Resource Persons' Profile:**

1. Dr. A. Venkata Ramana completed M.Tech in Computer Science & Engineering in Andhra University and Ph.D in CSE in Andhra University. He is working as Professor in CSE Dept in GMRIT, Rajam. His areas of interest are Bigdata & Hadoop, Deep Learning. He is life member of CSI, ISTE.

2. H. Gautam completed M.Tech in Computer Science & Engineering. He is working as Assistant Professor, MCA Dept in Aditya Engineering College. His areas of interest are Bigdata & Hadoop, Machine Learning, Network Security, etc.

3. Dr. M. Ben Swarup completed Ph.D in Computer Science & Engineering from Andhra University in 2012. She is working as Professor in Vignan's Institute of Information Technology, Visakhapatnam. Her areas of interest are Machine Learning, Data Science, Network Security etc.

**Venue:** Bill Gates Bhavan (Room No: 102)

**Hospitality/Accommodation:** No

**Outcomes:**

- Gain mere knowledge between structured and unstructured databases
- Implement Map-Reduce Programming, for structured, unstructured data processing
- Acquire practical knowledge on HIVE, PIG, MongoDB, NoSQL.

**Conclusive Remarks:**

The Department of Information Technology organized an FDP on "Bigdata & Hadoop." H. Gowtham, Associate Professor, MCA Department, Aditya Engineering College acted as a resource person for the FDP. The resource person provided great insight into the area of Bigdata and Hadoop technologies. The applications of Hadoop with hands on sessions are conducted to achieve practical insights. The participants actively implemented experiments along with the resource person.

  
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**Aditya Engineering College**  
**SURAMPalem**



**Mr. H. Gautam explaining importance of big data**

*HPL*  
**Coordinator**

*[Signature]*  
**HOD**  
Head of the Department  
Department of IT  
Aditya Engineering College

*[Signature]*  
**PRINCIPAL**  
Aditya Engineering College  
**SURAMPalem**



**A five day workshop  
on**

**“Downstream Processing of Oil and Gas, Petroleum  
refining” on 03<sup>rd</sup> June to 07<sup>th</sup> June 2019**

**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) .....
11. DD No and date: .....

Signature

**Chief Patron**

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

**Patron**

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

**Convener**

Dr. M. Srinivasa Reddy  
Principal

**Co-Convener**

Dr. R. Giri Prasad  
HOD, Dept of PT

**Coordinator**

Y.Jesus Sarath Chandra  
Asst. Professor, Dept. of PT

**Organizing Committee**

Y. R. C. S. Narayana  
Asst. Professor, Dept. of PT

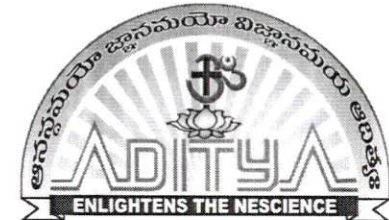
Pradip Gosh  
Asst. Professor, Dept. of PT

E. Nandish Goud  
Asst. Professor, Dept. of PT

**A five day workshop  
on**

**“Downstream Processing of oil and  
Gas, Petroleum refining”**

**03<sup>rd</sup> June 2019 to 07<sup>th</sup> June 2019**



Department of  
Petroleum Technology

**ADITYA ENGINEERING COLLEGE(A)**

(Approved by AICTE)  
Recognized by UG under section 2(f) of UG act, 1956  
Aditya Nagar, ADB Road, Surampalem - 533 437

Phone: 08011-919193

Email: pt\_hod@aec.edu.in



### **ABOUT ADITYA ENGINEERING COLLEGE**

Aditya Engineering College 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, and CS & SE. The College has state of the art infrastructure, resource facilities, lecture halls, highly equipped labs, library & well-furnished canteen.

### **ABOUT DEPARTMENT OF PETROLEUM TECHNOLOGY**

The Department runs B. Tech Engineering Course Under Jawaharlal Nehru Technological University, Kakinada. Department well connected with prestigious public and private sector oil and gas companies like ONGC, Oil India Limited, Indian Oil Corporation, Reliance Industries Limited, Halliburton International Limited and Oil Fields Instrumentation India. Students are studying graduate level from all over India

### **ABOUT WORKSHOP**

The priorities of petroleum exploration of India differ from other countries in view of its huge population. Needless to emphasize that India is not a leading producer of hydrocarbons and largely (80%) depends on the imports of oil resources. Refining of crude oil is an important aspect in oil and gas sector

### **OUTCOMES**

The faculty will have knowledge on downstream processing of oil and gas in the petroleum refineries

### **RESOURCE PERSON**

Mr. Naresh B Kumar,  
Reliance Industry Limited.

### **ELIGIBILITY**

The course is open to faculty from AICTE approved Engineering colleges / Institutions and working professionals from Industries / R&D organizations with basic degree in relevant field of Engineering.

### **REGISTRATION**

Free entry for all Aspirants

Duly filled up registration form as per the format given in the brochure sent to the Coordinator so as to reach on or before **03<sup>rd</sup> June 2019 to 07<sup>th</sup> June 2019.**

### **ACCOMMODATION**

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

### **Address for Correspondance**

Y. R. C. S. Narayana  
Asst. Professor, Dept. of PT,  
Aditya College of Engineering,  
Surampalem.  
E.G.Dist. A.P-533437  
Mobile No. 9000966106.





# ADITYA ENGINEERING COLLEGE

An Autonomous Institution

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Recognised by UGC under sections 2(f) and 12(B) of UGC Act, 1956

Aditya Nagar, ADB Road, Surampalem - 533437, Near Kakinada, E.G.Dt., Ph:99498 76662

## Department of Petroleum Technology

Date: 29.05.2019

### CIRCULAR

All the faculty members of PT are hereby informed that the department of Petroleum Technology is organizing a 5-Day workshop on "Downstream Processing of oil and Gas, Petroleum refining" on 03-06-2019 to 07-06-2019. Hence, the interested faculty from PT, Mining is advised to register their names with the programme coordinator Y.Jesus Sarat Chandra, Asst. Professor, Department of PT on or before 01-06-2019.

Venue: KL Rao Bhavan Seminar Hall

Timings: 9:30 AM to 3:30 PM

*Permitted*  
*Sch*

Head of the Department

Head of the Department  
Department of Petroleum Technology  
**Aditya Engineering College**  
- SURAMPALAM-533 437

PRINCIPAL  
**Aditya Engineering College**  
SURAMPALAM



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Aditya Nagar, ADB Road, Surampalem - 533437, Near Kakinada, E.G.Dt., Ph:99498 76662

## Workshop on "Downstream Processing of oil and Gas, Petroleum refining"

### Attendance Sheet

S.no	Faculty name	03-06-2019		04-06-2019		05-06-2019		06-06-2019		07-06-2019	
		FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1.	Dr.R.Giri Prasad	RG	RG	RG	RG	RG	RG	RG	RG	RG	RG
2.	Mr.MVVS Anuprakash	MA	MA	MA	MA	MA	MA	MA	MA	MA	MA
3.	Mr.N.V Goutham Deekshithulu	GD	GD	GD	GD	GD	GD	GD	GD	GD	GD
4.	Ms.M.Indraja	MI	MI	MI	MI	MI	MI	MI	MI	MI	MI
5.	Mr.JesusSarath Chandra	JS	JS	JS	JS	JS	JS	JS	JS	JS	JS
6.	Mr.E.Nandish goud	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
7.	Mr.J.Naresh babu	JB	JB	JB	JB	JB	JB	JB	JB	JB	JB
8.	Mr. V. Vijay Kumar	VV	VV	VV	VV	VV	VV	VV	VV	VV	VV
9.	Mr.T.Raja Avinash	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA
10.	Ms.K. Himabindu	KB	KB	KB	KB	KB	KB	KB	KB	KB	KB
11.	Mr.Y.R.C.S.Narayana	YN	YN	YN	YN	YN	YN	YN	YN	YN	YN
12.	Mr. Satyajeet Parida	SP	SP	SP	SP	SP	SP	SP	SP	SP	SP
13.	Mr.R.Srinivasa Rao	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS
14.	Mr. V. Vinod Kumar	VV	VV	VV	VV	VV	VV	VV	VV	VV	VV
15.	Mr.Subha Ranjan Paul	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR

  
Coordinator

  
Head of the Department

Head of the Department  
Department of Petroleum Technology  
Aditya Engineering College  
SURAMPALAM-533 437

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Aditya Nagar, ADB Road, Surampalem - 533437, Near Kakinada, E.G.Dt., Ph:99498 76662

## Department of Petroleum Technology

Date: 10-06-2019

### Report on

#### Workshop on "Downstream Processing of oil and Gas, Petroleum refining"

**Title:** Workshop on "Downstream Processing of oil and Gas, Petroleum refining"

#### **Introduction to Event:**

A 5-Day Workshop on "Downstream Processing of oil and Gas, Petroleum refining" was conducted at Aditya Engineering College (A), Surampalem by the department of PT to make faculty learn the process that is used to deal with Downstream Processing of oil and Gas, Petroleum refining. In order to meet the current trends in petroleum industry, faculty need to equip with the basic knowledge of Downstream Processing of oil and Gas, Petroleum refining. Keeping this in view, the department has organized this Workshop for the benefit of the faculty.

**Event Dates:** 03-06-2019 to 07-06-2019

**Number of Days:** 5days

**Co-ordinator:** Mr Y. Jesus Sarath Chandra, Asst. Professor, Department of PT.

#### **Agenda/Event Flow:**

Day-1: Overview of Downstream Processing of oil and Gas, Petroleum refining.

Day-2: Basics of Downstream Processing of oil and Gas.

Day-3: Basics of Petroleum refining.

Day-4: Problems faced while Petroleum refining.

Day-5: Future of Downstream Processing of oil and Gas, Petroleum refining.

**No. of Participants:** 15

**Experts with Designation:** Dr.G.N.Rao,

Andhra University

**Experts' Profile:** Dr.G.N.Rao, has more than 38 years of experience as geologist in oil and gas exploration, including HPHT well completion. He completed his Ph.D from Andhra University and worked as exploration geo scientist in ONGC. He worked as Independant consulting geologist and consultant for sonogal. He is working as Adjunct Professor of Geology in Andhra University

**Venue:** KL Rao Bhavan Seminar Hall

  
PRINCIPAL  
Aditya Engineering College  
SURAMPALAM

**Hospitality/Accommodation:** Yes

**Staffing:**

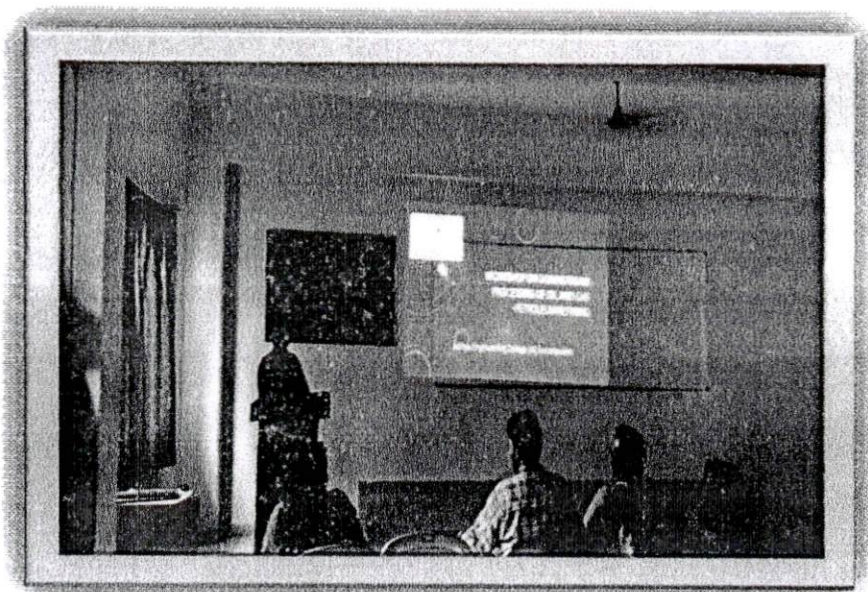
- 1.Y.R.C.S Narayana, Asst. Professor
- 2.E. Nandish Goud, Asst. Professor

**Outcomes:**

- Participants have become familiarized with the Downstream Processing of oil and Gas, Petroleum refining.
- Participants applied the knowledge gained in the Downstream Processing of oil and Gas, Petroleum refining


**Conclusive Remarks:**


This 5-Day Workshop was conducted successfully fulfilling the goal of making faculty from PT department learn the Concepts of Downstream Processing of oil and Gas, Petroleum refining. As it was one of the good opportunities, all the participants were involved and interacted well. Finally, the program successfully came to end by giving necessary knowledge to faculty in the field of Downstream Processing of oil and Gas, Petroleum refining. This learning experience covered a wide breadth of topics from the Downstream Processing of oil and Gas, Petroleum refining. This training showcased a wide variety of examples to illustrate the key points of Downstream Processing of oil and Gas, Petroleum refining.



**Workshop on Downstream Processing of oil and Gas, Petroleum refining held on 03-06-2019**

  
**Coordinator**

  
**PRINCIPAL**  
**Aditya Engineering College**  
**SURAMPALEM**

  
**Head of the Department**  
Head of the Department  
Department of Petroleum Technology  
**Aditya Engineering College**  
**SURAMPALEM-533 437**



FDP  
on

“Flow Assurance in Upstream Oil and Gas Industry”  
13<sup>th</sup> August 2019 TO 17<sup>th</sup> August 2019

**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) .....
11. DD No and date: .....

Signature

**Chief Patron**

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

**Patron**

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

**Convener**

Dr. M. Srinivasa Reddy  
Principal

**Co-Convener**

Dr. R. Giri Prasad  
HOD, Dept of PT

**Coordinator**

E. Nandish Goud  
Asst. Professor, Dept. of PT

**Organizing Committee**

K. Divya krishna  
Asst. Professor, Dept. of PT

P.Sasikanth  
Asst. Professor, Dept. of PT

Ch. D. Rupa devi  
Asst. Professor, Dept. of PT

FDP  
on

“Flow Assurance in Upstream Oil and  
Gas Industry”

13<sup>th</sup> August 2019 to 17<sup>th</sup> August 2019



Department of  
Petroleum Technology

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SURAMPALAM - 533 437



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Aditya Engineering college 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, and CS & SE. The College has state of the art infrastructure, resource facilities, lecture halls, highly equipped labs, library & well-furnished canteen.

### **ABOUT DEPARTMENT OF PETROLEUM TECHNOLOGY**

The Department runs B. Tech Engineering Course Under Jawaharlal Nehru Technological University, Kakinada. Department well connected with prestigious public and private sector oil and gas companies like ONGC, Oil India Limited, Indian Oil Corporation, Reliance Industries Limited, Halliburton International Limited and Oil Fields Instrumentation India. Students are studying graduate level from all over India

### **ABOUT WORKSHOP**

The priorities of petroleum exploration of India differ from other countries in view of its huge population. Needless to emphasize that India is not a leading producer of hydrocarbons and largely (80%) depends on the imports of oil resources and the foreign exchange reserves decline impacting the growth of the Economy. Flow assurance deals with the estimation of flow rates, production and analysis

### **OUTCOMES**

The faculty will have knowledge on the flow assurance in upstream industry, production of oil and gas.

### **RESOURCE PERSON**

**Mr. Naresh B Kumar,**  
**Reliance Industry Limited.**

### **ELIGIBILITY**

The course is open to faculty from AICTE approved Engineering colleges / Institutions and working professionals from Industries / R&D organizations with basic degree in relevant field of Engineering.

### **REGISTRATION**

Free entry for all Aspirants

Duly filled up registration form as per the format given in the brochure sent to the Coordinator so as to reach on or before **13<sup>th</sup> August 2019 to 17<sup>th</sup> August 2019** .

### **ACCOMMODATION**

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

### **Address for Correspondance**

P.Sasikanth  
Asst. Professor, Dept. of PT  
Aditya College of Engineering,  
Surampalem.  
E.G.Dist. A.P-533437  
Mobile No. 9000966106.





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## Department of Petroleum Technology

Date: 08.08.2019

### CIRCULAR

All the faculty members of PT are hereby informed that the department of Petroleum Technology is organizing a 5-Day Faculty Development Program on **"Flow Assurance in Upstream Oil and Gas Industry"** on 13-08-2019 to 17-08-2019. Hence, the interested faculty from PT, Mining is advised to register their names with the programme coordinator Mr.E.Nandish Goud, Asst. Professor, Department of PT on or before 12-08-2019.

**Venue:** KL Rao Bhavan Seminar Hall

**Timings:** 9:30 AM to 3:30 PM

Head of the Department

Head of the Department  
Department of Petroleum Technology  
**Aditya Engineering College**  
SURAMPAL EM-533 437

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**ADITYA ENGINEERING COLLEGE**  
SURAMPAL - 533 437



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## FDP on "Flow Assurance in Upstream Oil and Gas Industry"

### Attendance Sheet

S.No	Faculty name	13-08-2019		14-08-2019		15-08-2019		16-08-2019		17-08-2019	
		FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1.	Dr.R.Giri Prasad	RG	RG	RG	RG	RG	RG	RG	RG	RG	RG
2.	Mr.MVVS Anuprakash	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA
3.	Mr.N.VGoutham Deekshithulu	G	G	G	G	G	G	G	G	G	G
4.	Ms.M.Indraja	I	I	I	I	I	I	I	I	I	I
5.	Mr.Jesus Sarath Chandra	Y.S	Y.S	Y.S	Y.S	Y.S	Y.S	Y.S	Y.S	Y.S	Y.S
6.	Mr.E.Nandish goud	Nand	Nand	Nand	Nand	Nand	Nand	Nand	Nand	Nand	Nand
7.	Mr.J.Naresh babu	Nar	Nar	Nar	Nar	Nar	Nar	Nar	Nar	Nar	Nar
8.	Mr. V. Vijay Kumar	V	V	V	V	V	V	V	V	V	V
9.	Mr.T.Raja Avinash	Tar	Tar	Tar	Tar	Tar	Tar	Tar	Tar	Tar	Tar
10.	Ms.K. Himabindu	Bindu	Bindu	Bindu	Bindu	Bindu	Bindu	Bindu	Bindu	Bindu	Bindu
11.	Mr.Y.R.C.S.Narayana	YRC	YRC	YRC	YRC	YRC	YRC	YRC	YRC	YRC	YRC
12.	Mr. Satya jeet Parida	SP	SP	SP	SP	SP	SP	SP	SP	SP	SP
13.	Mr.R.Srinivasa Rao	Rn	Rn	Rn	Rn	Rn	Rn	Rn	Rn	Rn	Rn
14.	Mr. V. Vinod Kumar	V	V	V	V	V	V	V	V	V	V
15.	Mr.Subha Ranjan Paul	S	S	S	S	S	S	S	S	S	S

Coordinator

Head of the Department

PRINCIPAL  
ADITYA ENGINEERING COLLEGE  
SURAMPALAM - 533 437

Head of the Department  
Department of Petroleum Technology  
Aditya Engineering College (A)  
SURAMPALAM-5 437





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## Department of Petroleum Technology

Date: 20-08-2019

### Report on

#### FDP on "Flow Assurance in Upstream Oil and Gas Industry"

**Title: FDP on "Flow Assurance in Upstream Oil and Gas Industry"**

#### **Introduction to Event:**

A 5-Day FDP on "Flow Assurance in Upstream Oil and Gas Industry" was conducted at Aditya Engineering College (A), Surampalem by the department of PT to make faculty learn the process that is used to deal with Flow Assurance in Upstream Oil and Gas Industry. In order to meet the current trends in petroleum industry, faculty need to equip with the basic knowledge of Flow Assurance in Upstream Oil and Gas Industry. Keeping this in view, the department has organized this FDP for the benefit of the faculty.

**Event Dates:** 13-08-2019 to 17-08-2019

**Number of Days:** 5days

**Co-ordinator:** Mr E. Nandish Goud, Asst. Professor, Department of PT.

#### **Agenda/Event Flow:**

Day-1: Overview of Flow Assurance in Upstream Oil and Gas Industry.

Day-2: Basics of Flow Assurance of oil.

Day-3: Basics of Flow Assurance of gas .

Day-4: Problems faced while Flow Assurance of Oil and Gas.

Day-5: Future of Flow Assurance in Upstream Oil and Gas Industry.

**No. of Participants:** 15

**Experts with Designation:** Dr.G.N.Rao,

Andhra University

**Experts' Profile:** Dr.G.N.Rao, has more than 38 years of experience as geologist in oil and gas exploration, including HPHT well completion. He completed his Ph.D from Andhra University and worked as exploration geo scientist in ONGC. He worked as Independent consulting geologist and consultant for sonogal. He is working as Adjunct Professor of Geology in Andhra University

**Venue:** KL Rao Bhavan Seminar Hall

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ADITYA ENGINEERING COLLEGE  
SURAMPALAM - 533 437

**Hospitality/Accommodation: Yes**

**Staffing:**

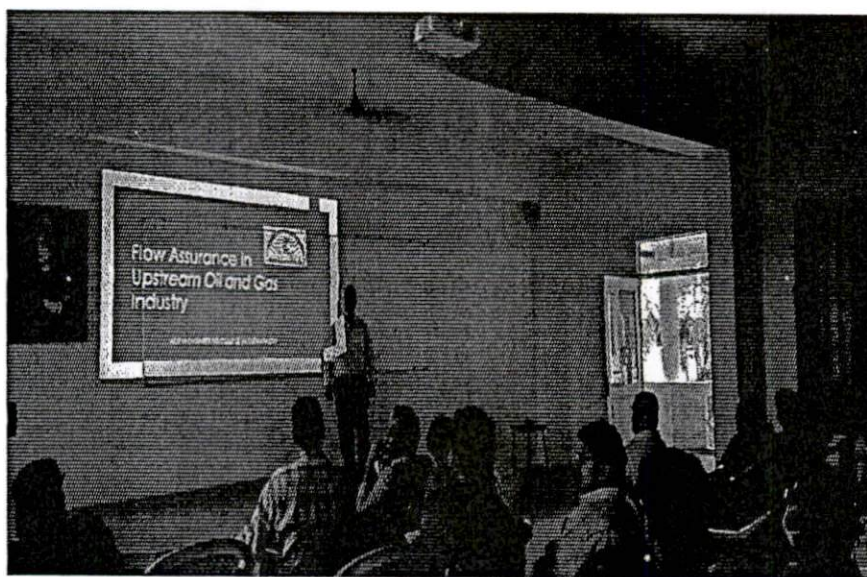
1. M. Indraja, Asst. Professor
2. Y.J. Sarath Chandra, Asst. Professor

**Outcomes:**

- Participants have become familiarized with the Flow Assurance in Upstream Oil and Gas Industry.
- Participants applied the knowledge gained in the Flow Assurance in Upstream Oil and Gas Industry.


**Conclusive Remarks:**

This 5-Day programme was conducted successfully fulfilling the goal of making faculty from PT department learn the Concepts of Flow Assurance in Upstream Oil and Gas Industry. As it was one of the good opportunities, all the participants were involved and interacted well. Finally, the program successfully came to end by giving necessary knowledge to faculty in the field of Flow Assurance in Upstream Oil and Gas Industry. This learning experience covered a wide breadth of topics from the Flow Assurance in Upstream Oil and Gas Industry. This training showcased a wide variety of examples to illustrate the key points of Flow Assurance in Upstream Oil and Gas Industry.



**FDP on "Flow Assurance in Upstream Oil and Gas Industry" held on 13-08-2019**

  
**Coordinator**

  
**Head of the Department**

Head of the Department  
Department of Petroleum Engineering  
Aditya Engineering College (A)  
SURAMPAL-5 437



## A 5-day FDP

on

“Python programming for petroleum engineers”  
02<sup>nd</sup> January 2020 TO 06<sup>th</sup> January 2020

### 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) .....
11. DD No and date: .....

Signature

### Chief Patron

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

### Patron

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

### Convener

Dr. M. Srinivasa Reddy  
Principal

### Co-Convener

Dr. R. Giri Prasad  
HOD, Dept of PT

### Coordinator

Mr. R.Srinivasa Rao  
Asst. Professor , Dept. of PT

### Organizing Committee

Pradeep Gosh  
Asst. Professor, Dept. of PT

T. Raja Avinash  
Asst. Professor, Dept. of PT

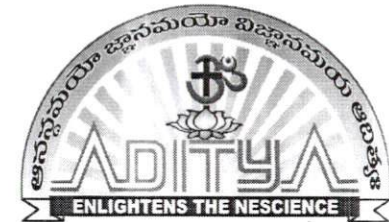
G.L. Papa Rao  
Asst. Professor, Dept. of PT

## A 5-day FDP

on

“Python programming for petroleum  
engineers”

02<sup>nd</sup> January 2020 to 06<sup>th</sup> January 2020



Department of  
Petroleum Technology

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### **ABOUT DEPARTMENT OF PETROLEUM TECHNOLOGY**

The Department runs B. Tech Engineering Course Under Jawaharlal Nehru Technological University, Kakinada. Department well connected with prestigious public and private sector oil and gas companies like ONGC, Oil India Limited, Indian Oil Corporation, Reliance Industries Limited, Halliburton International Limited and Oil Fields Instrumentation India. Students are studying graduate level from all over India

### **ABOUT THE FDP**

The priorities of petroleum exploration of India differ from other countries in view of its huge population. Needless to emphasize that India is not a leading producer of hydrocarbons and largely (80%) depends on the imports of oil resources and the foreign exchange reserves decline impacting the growth of the Economy. Python programming in petroleum industry is used to analyse the vast data related to the reservoir conditions and used for simulation.

### **OUTCOMES**

the faculty will have knowledge on python programming in petroleum sector at the end of the

### **RESOURCE PERSON**

**Mr. Naresh B Kumar,**  
**Reliance Industry Limited.**

### **ELIGIBILITY**

The course is open to faculty from AICTE approved Engineering colleges / Institutions and working professionals from Industries / R&D organizations with basic degree in relevant field of Engineering.

### **REGISTRATION**

Free entry for all Aspirants

Duly filled up registration form as per the format given in the brochure sent to the Coordinator so as to reach on or before **02<sup>nd</sup> Febuary 2020 to 06<sup>th</sup> Febuary 2020 .**

### **ACCOMMODATION**

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

### **Address for Correspondance**

Pradeep Gosh,  
Asst. Professor, PT Department,  
Aditya College of Engineering,  
Surampalem.  
E.G.Dist. A.P-533437  
Mobile No. 9000966106.





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Aditya Nagar, ADB Road, Surampalem - 533437, Near Kakinada, E.G.Dt., Ph:99498 76662

## Department of Petroleum Technology

Date: 27.12.2019

### CIRCULAR

All the faculty members of PT are hereby informed that the department of Petroleum Technology is organizing a 5-Day Faculty Development Program on "Python programming for petroleum engineers" on 02-01-2020 to 06-01-2020. Hence, the interested faculty from PT, Mining is advised to register their names with the programme coordinator Mr.R.Srinivasa Rao, Asst. Professor, Department of PT on or before 31-01-2019.

**Venue:** KL Rao Bhavan Seminar Hall

**Timings:** 9:30 AM to 3:30 PM

Head of the Department

Head of the Department  
Department of Petroleum Technology  
Aditya Engineering College  
SURAMPALEM-533 437

PRINCIPAL  
Aditya Engineering College  
SURAMPALEM



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## FDP on "Python programming for petroleum engineers"

### Attendance Sheet


S.no	Faculty name	02-01-2020		03-01-2020		04-01-2020		05-01-2020		06-01-2020	
		FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1.	Dr.R.Giri Prasad	<i>RG</i>	<i>RG</i>	<i>RG</i>	<i>RG</i>	<i>RG</i>	<i>RG</i>	<i>RG</i>	<i>RG</i>	<i>RG</i>	<i>RG</i>
2.	Mr.MVVS Anuprakash	<i>MA</i>	<i>MA</i>	<i>MA</i>	<i>MA</i>	<i>MA</i>	<i>MA</i>	<i>MA</i>	<i>MA</i>	<i>MA</i>	<i>MA</i>
3.	Mr.N.V Goutham Deekshithulu	<i>GV</i>	<i>GV</i>	<i>GV</i>	<i>GV</i>	<i>GV</i>	<i>GV</i>	<i>GV</i>	<i>GV</i>	<i>GV</i>	<i>GV</i>
4.	Ms.M.Indraja	<i>MI</i>	<i>MI</i>	<i>MI</i>	<i>MI</i>	<i>MI</i>	<i>MI</i>	<i>MI</i>	<i>MI</i>	<i>MI</i>	<i>MI</i>
5.	Mr.Jesus Sarath Chandra	<i>JS</i>	<i>JS</i>	<i>JS</i>	<i>JS</i>	<i>JS</i>	<i>JS</i>	<i>JS</i>	<i>JS</i>	<i>JS</i>	<i>JS</i>
6.	Mr.E.Nandish goud	<i>NG</i>	<i>NG</i>	<i>NG</i>	<i>NG</i>	<i>NG</i>	<i>NG</i>	<i>NG</i>	<i>NG</i>	<i>NG</i>	<i>NG</i>
7.	Mr.J.Naresh babu	<i>NB</i>	<i>NB</i>	<i>NB</i>	<i>NB</i>	<i>NB</i>	<i>NB</i>	<i>NB</i>	<i>NB</i>	<i>NB</i>	<i>NB</i>
8.	Mr. V. Vijay Kumar	<i>VK</i>	<i>VK</i>	<i>VK</i>	<i>VK</i>	<i>VK</i>	<i>VK</i>	<i>VK</i>	<i>VK</i>	<i>VK</i>	<i>VK</i>
9.	Mr.T.Raja Avinash	<i>RA</i>	<i>RA</i>	<i>RA</i>	<i>RA</i>	<i>RA</i>	<i>RA</i>	<i>RA</i>	<i>RA</i>	<i>RA</i>	<i>RA</i>


  
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**SURAMPALEM**



10.	Ms.K. Himabindu	<i>Binder</i>	<i>Binder</i>	<i>Binder</i>	<i>Binder</i>	<i>Binder</i>	<i>Binder</i>	<i>Binder</i>	<i>Binder</i>	<i>Binder</i>	<i>Binder</i>
11.	Mr.Y.R.C.S.N arayana	<i>YRC</i>	<i>YRC</i>	<i>YRC</i>	<i>YRC</i>	<i>YRC</i>	<i>YRC</i>	<i>YRC</i>	<i>YRC</i>	<i>YRC</i>	<i>YRC</i>
12.	Mr. Satyajeet Parida	<i>SP</i>	<i>SP</i>	<i>SP</i>	<i>SP</i>	<i>SP</i>	<i>SP</i>	<i>SP</i>	<i>SP</i>	<i>SP</i>	<i>SP</i>
13.	Mr.R.Srinivas a Rao	<i>R</i>	<i>R</i>	<i>R</i>	<i>R</i>	<i>R</i>	<i>R</i>	<i>R</i>	<i>R</i>	<i>R</i>	<i>R</i>
14.	Mr. V. Vinod Kumar	<i>V</i>	<i>V</i>	<i>V</i>	<i>V</i>	<i>V</i>	<i>V</i>	<i>V</i>	<i>V</i>	<i>V</i>	<i>V</i>
15.	Mr.Subha Ranjan Paul	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>

  
Coordinator

  
Head of the Department  
Head of the Department  
Department of Petroleum Technology  
**Aditya Engineering College**  
- SURAMPalem-533 437

  
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SURAMPalem



# ADITYA ENGINEERING COLLEGE

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Recognised by UGC under sections 2(f) and 12(B) of UGC Act, 1956

Aditya Nagar, ADB Road, Surampalem - 533437, Near Kakinada, E.G.Dt., Ph:99498 76662

## Department of Petroleum Technology

Date: 09-01-2020

### Report on

#### Faculty development programme on "Python programming for petroleum engineers"

**Title:** Faculty development programme on Python programming for petroleum engineers.

#### **Introduction to Event:**

A 5-Day FDP on "Python programming for petroleum engineers" was conducted at Aditya Engineering College (A), Surampalem by the department of PT to make faculty learn the process that is used to deal with Python programming for petroleum engineers. In order to meet the current trends in petroleum industry, faculty need to equip with the basic knowledge of Python programming for petroleum engineers. Keeping this in view, the department has organized this Faculty Development programme for the benefit of the faculty.

**Event Dates:** 02-01-2020 to 06-01-2020

**Number of Days:** 5 days

**Co-ordinator:** Mr R. Srinivasa Rao, Asst. Professor, Department of PT.

#### **Agenda/Event Flow:**

Day-1: Overview of Python programming.

Day-2: Basics of Python.

Day-3: Basics of Functions and Modules.

Day-4: Basics of Core Data Types.

Day-5: Basics of OOPS.

**No. of Participants:** 15

**Experts with Designation:** Dr.G.N.Rao,  
Andhra University

  
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**Experts' Profile:** Dr.G.N.Rao, has more than 38 years of experience as geologist in oil and gas exploration, including HPHT well completion. He completed his Ph.D from Andhra University and worked as exploration geo scientist in ONGC. He worked as Independent consulting geologist and consultant for sonogal. He is working as Adjunct Professor of Geology in Andhra University



**Venue:** KL Rao Bhavan Seminar Hall

**Hospitality/Accommodation:** Yes

**Staffing:**

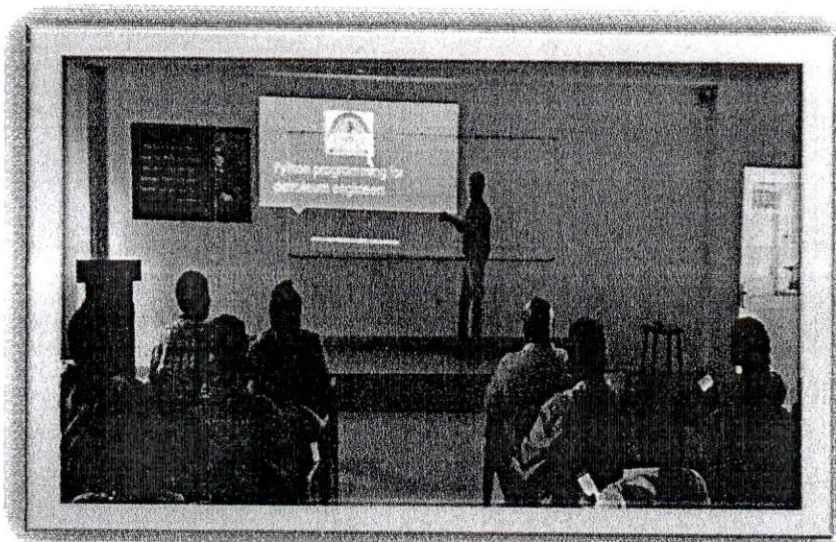
1. T. Raja Avinash, Asst. Professor
2. J. Naresh Babu, Asst. Professor

**Outcomes:**

- Participants have become familiarized with the Python programming for petroleum engineers.
- Participants applied the knowledge gained in the Python programming for petroleum engineers

**Conclusive Remarks:**


This 5-Day programme was conducted successfully fulfilling the goal of making faculty from PT department learn the Python programming for petroleum engineers. As it was one of the good opportunities, all the participants were involved and interacted well. Finally, the program successfully came to end by giving necessary knowledge to faculty in the field of Python programming for petroleum engineers. This learning experience covered a wide breadth of topics from the Python programming for petroleum engineers. This training showcased a wide variety of examples to illustrate the key points of Python programming for petroleum engineers.



**Faculty development programme on Python programming for petroleum engineers held  
on 02-01-2020**

  
**Coordinator**



  
**Head of the Department**

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**Aditya Engineering College**  
**SURAMPAL EM**

**A 5-day FDP  
on**

**“IoT and its applications in Petroleum industry”  
03<sup>rd</sup> February 2020 to 07<sup>th</sup> February 2020**

**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) .....
11. DD No and date: .....

Signature

**Chief Patron**

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

**Patron**

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

**Convener**

Dr. M. Srinivasa Reddy  
Principal

**Co-Convener**

Dr. R. Giri Prasad  
HOD, Dept of PT

**Coordinators**

M.V.V.S Anuprakash  
Asst. Professor, Dept. of PT

J. Naresh Babu  
Asst. Professor, Dept. of PT

**Organizing Committee**

R. Srinivasa Rao  
Asst. Professor, Dept. of PT

Y.R.C.S. Narayana  
Asst. Professor, Dept. of PT

M. Indraj  
Asst. Professor, Dept. of PT

*(Handwritten signature)*

**A 5-day FDP  
on**

**“IoT and its applications in Petroleum  
industry”**

**03<sup>rd</sup> February 2020 to 07<sup>th</sup> February 2020**



Department of  
Petroleum Technology

**ADITYA ENGINEERING COLLEGE**

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Aditya Nagar, ADB Road, Surampalem - 533 437

Phone: 08011-919193

Email: pt\_hod@aec.edu.in



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SURAMPALEM - 533 437**



### **ABOUT ADITYA ENGINEERING COLLEGE**

Aditya Engineering college 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, and CS & SE. The College has state of the art infrastructure, resource facilities, lecture halls, highly equipped labs, library & well-furnished canteen.

### **ABOUT DEPARTMENT OF PETROLEUM TECHNOLOGY**

The Department runs B. Tech Engineering Course Under Jawaharlal Nehru Technological University, Kakinada. Department well connected with prestigious public and private sector oil and gas companies like ONGC, Oil India Limited, Indian Oil Corporation, Reliance Industries Limited, Halliburton International Limited and Oil Fields Instrumentation India. Students are studying graduate level from all over India

### **ABOUT WORKSHOP**

The priorities of petroleum exploration of India differ from other countries in view of its huge population. Needless to emphasize that India is not a leading producer of hydrocarbons and largely (80%) depends on the imports of oil resources and the foreign exchange reserves decline impacting the growth of the Economy. Internet of things is very helpful for petroleum industry in the reservoir simulation techniques etc.,

### **OUTCOMES**

The faculty will gain knowledge on IoT and its applications in petroleum industry

### **RESOURCE PERSON**

Mr. Naresh B Kumar,  
Reliance Industry Limited.

### **ELIGIBILITY**

The course is open to faculty from AICTE approved Engineering colleges / Institutions and working professionals from Industries / R&D organizations with basic degree in relevant field of Engineering.

### **REGISTRATION**

Free entry for all Aspirants

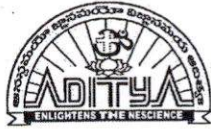
Duly filled up registration form as per the format given in the brochure sent to the Coordinator so as to reach on or before **03<sup>rd</sup> February 2020 to 07<sup>th</sup> February 2020.**

### **ACCOMMODATION**

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

### **Address for Correspondance**

P.Sasikanth  
Asst. Professor, Dept. of PT,  
Aditya College of Engineering,  
Surampalem.  
E.G.Dist. A.P-533437  
Mobile No. 9000966106.



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## Department of Petroleum Technology

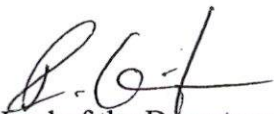
Date: 29.01.2020

### CIRCULAR

All the faculty members of PT are hereby informed that the department of Petroleum Technology is organizing a 5-Day Faculty Development Programme on **"IoT and its applications in Petroleum industry"** on 03-02-2020 to 07-02-2020. Hence, the interested faculty from PT, Mining is advised to register their names with the programme coordinator Mr.M.V.V.S.Anuprakash, Asst. Professor, Department of PT on or before 01-02-2020.

**Venue:** KL Rao Bhavan Seminar Hall

**Timings:** 9:30 AM to 3:30 PM

  
Head of the Department

Head of the Department  
Department of Petroleum Technology  
Aditya Engineering College (A)  
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## Department of Petroleum Technology

Date: 10-02-2020

### Report on

### FDP on "IoT and its applications in Petroleum industry"

**Title:** FDP on "IoT and its applications in Petroleum industry".

**Introduction to Event:**

A 5-Day FDP on "IoT and its applications in Petroleum industry" was conducted at Aditya Engineering College (A), Surampalem by the department of PT to make faculty learn the process that is used to deal with on "IoT and its applications in Petroleum industry". In order to meet the current trends in petroleum industry, faculty need to equip with the basic knowledge of Seminar on "IoT and its applications in Petroleum industry". Keeping this in view, the department has organized this FDP for the benefit of the faculty.

**Event Dates:** 03-02-2020 to 07-02-2020

**Number of Days:** 5 days

**Co-ordinator:** M.V.V.S Anuprakash, Asst. Professor, Department of PT.

**Agenda/Event Flow:**

Day-1: Overview of IOT and its applications in Petroleum industry.

Day-2: Basics of IOT.

Day-3: Basics of Home Automation.

Day-4: Basics of M2M.

Day-5: Basics of Building Blocks.

**No. of Participants:** 15

**Experts with Designation:** Dr.G.N.Rao,  
Andhra University

**Experts' Profile:** Dr.G.N.Rao, has more than 38 years of experience as geologist in oil and gas exploration, including HPHT well completion. He completed his Ph.D from Andhra University and worked as exploration geo scientist in ONGC. He worked as Independent consulting geologist and consultant for sonogal. He is working as Adjunct Professor of Geology in Andhra University

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SURAMPALEM - 533 437

**Venue:** KL Rao Bhavan Seminar Hall

**Hospitality/Accommodation:** Yes

**Staffing:**

1.Y.R.C.S Narayana, Asst. Professor

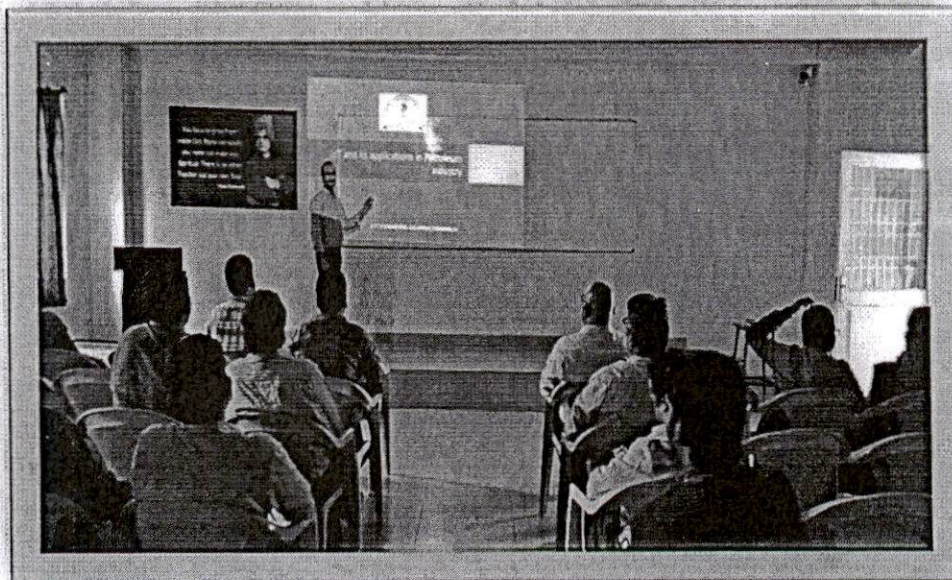
2.R.Srinivasa Rao, Asst. Professor

**Outcomes:**

- Participants have become familiarized with the IoT and its applications in Petroleum industry.
- Participants applied the knowledge gained in the IoT and its applications in Petroleum industry.

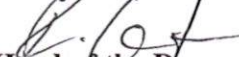
**Conclusive Remarks:**

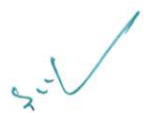
This 5-Day programme was conducted successfully fulfilling the goal of making faculty from PT department learn the IoT and its applications in Petroleum industry. As it was one of the good opportunities, all the participants were involved and interacted well. Finally, the program successfully came to end by giving necessary knowledge to faculty in the field of IoT and its applications in Petroleum industry. This learning experience covered a wide breadth of topics from the IoT and its applications in Petroleum industry. This training showcased a wide variety of examples to illustrate the key points of IoT and its applications in Petroleum industry.



**FDP on "IoT and its applications in Petroleum industry" held on 03-02-2020**

  
**Coordinator**

  
**Head of the Department**

  
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**SURAMPALEM - 533 437**

**Head of the Department**  
**Department of Petroleum Technology**  
**Aditya Engineering College**  
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## FDP on "IoT and its applications in Petroleum industry"

### Attendance Sheet

S.no	Faculty name	03-02-2020		04-02-2020		05-02-2020		06-02-2020		07-02-2020	
		FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1.	Dr.R.Giri Prasad	/	/	/	/	/	/	/	/	/	/
2.	Mr.MVVS Anuprakash	A	A	A	A	A	A	A	A	A	A
3.	Mr.N.V.Goutham Deekshithulu	G	G	G	G	G	G	G	G	G	G
4.	Ms.M.Indraja	I	I	I	I	I	I	I	I	I	I
5.	Mr.Jesus Sarath Chandra	J	J	J	J	J	J	J	J	J	J
6.	Mr.E.Nandish goud	E	E	E	E	E	E	E	E	E	E
7.	Mr.J.Naresh babu	N	N	N	N	N	N	N	N	N	N
8.	Mr.V.Vijay Kumar	V	V	V	V	V	V	V	V	V	V
9.	Mr.T.Raja Avinash	R	R	R	R	R	R	R	R	R	R

(Co-ordinator)

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SURAMPALAM - 533 437

10.	Ms.K. Himabindu	<i>Bindu</i>	<i>Bindu</i>	<i>Bindu</i>	<i>Bindu</i>	<i>Bindu</i>	<i>Bindu</i>	<i>Bindu</i>	<i>Bindu</i>	<i>Bindu</i>	<i>Bindu</i>
11.	Mr.Y.R.C.S.Narayana	<i>YRCS</i>	<i>YRCS</i>	<i>YRCS</i>	<i>YRCS</i>	<i>YRCS</i>	<i>YRCS</i>	<i>YRCS</i>	<i>YRCS</i>	<i>YRCS</i>	<i>YRCS</i>
12.	Mr.Satyajeet Parida	<i>SP</i>	<i>SP</i>	<i>SP</i>	<i>SP</i>	<i>SP</i>	<i>SP</i>	<i>SP</i>	<i>SP</i>	<i>SP</i>	<i>SP</i>
13.	Mr.R.Srinivasa Rao	<i>R</i>	<i>R</i>	<i>R</i>	<i>R</i>	<i>R</i>	<i>R</i>	<i>R</i>	<i>R</i>	<i>R</i>	<i>R</i>
14.	Mr.V. Vinod Kumar	<i>V</i>	<i>V</i>	<i>V</i>	<i>V</i>	<i>V</i>	<i>V</i>	<i>V</i>	<i>V</i>	<i>V</i>	<i>V</i>
15.	Mr.Subha Ranjan Paul	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>

*[Signature]*  
Coordinator

*[Signature]*  
Head of the Department

Head of the Department  
Department of Petroleum Technology  
Aditya Engineering College (A)  
SURAMPALAM-5 437

*[Signature]*  
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**FDP on "Mathematical  
Science and Its Recent  
Advancements"**  
(16-08-2019 to 20-08-2019)

**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):

Signature  
(Participant)

(Head of the Department)

**Chief Patrons**

Sri. N. Sesha Reddy, Chairman,  
Sri. N. Satish Reddy, Vice-Chairman  
Aditya Engineering College (A)

**Patron**

**Dr. M. Sreenivasa Reddy,**  
Principal,  
Aditya Engineering College (A)

**Convenor**

M.Bala Prabhakar,  
Associate Professor,  
H&BS Department  
Aditya Engineering College (A)

**Coordinator**

**Dr. CH.V.Sivaram Prasad,**  
Professor,  
H&BS Department  
Aditya Engineering College (A)

**Organizing Committee**

V.Venkata Kumar,  
Assoc. Professor, Dept. of H&BS

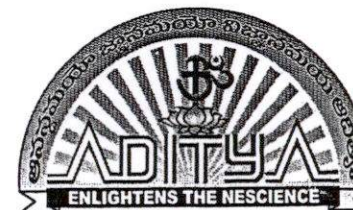
R.Kanaka Durga,  
Asst. Professor, Dept. of H&BS

M.Srikanth,  
Assoc. Professor, Dept. of H&BS

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**ADITYA ENGINEERING COLLEGE  
SURAMPALAM - 533 437**

**FDP on "Mathematical  
Science and Its Recent  
Advancements"**  
(16-08-2019 to 20-08-2019)



**Department of Humanities  
and Basic Sciences**

**ADITYA ENGINEERING COLLEGE**

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Recognized by UG under section 2(f) of UG act, 1956  
Aditya Nagar, ADB Road, Surampalem - 533 437

**Head of the Department**

M.Bala Prabhakar,  
Associate Professor,  
Department of H&BS,  
Aditya Engineering College,  
Email: hod\_hbs1@aec.edu.in



## ABOUT ADITYA ENGINEERING COLLEGE

Aditya Engineering College was established in the academic year 2001-02 under the aegis of Aditya Academy, Kakinada with the approval of AICTE and Affiliated to JNTU with an intake of 180 in three UG Courses in Engineering & Technology. Sri Nallamilli Seshareddy, as a founder chairman, promoted the educational society in the name and style of Aditya Academy at Kakinada in the year 1984, with a vision and mission to create a platform for holistic growth and success for students at all levels.

The College is situated in serene, scenic, wi-fi enabled and eco-friendly area of 180 acres with thick greenery at Surampalem, Gandepalli Mandal, East Godavari District, Andhra Pradesh. The College is 15 KM away from Samalkot Railway Station on Howrah-Chennai Railway line in South Central Railway. The College is 35 Km away from Kakinada and Rajahmundry on ADB Road.

The college received UGC recognition under Sections 2(f) and 12 (B) of the UGC Act.

## ABOUT DEPARTMENT

H&BS is the prime department in AEC. The department is a fusion of fundamental subjects – English, Mathematics, Chemistry, Physics and Environmental Studies. The primary goal of the department is to imbibe the fundamentals of the subjects to lay a foundation for engineering education in the students. The students are taught and trained by a well experienced and expertise faculty providing the learners an opportunity to acquire knowledge through hands on approach at smart classrooms and well established laboratories.

## About FDP

The FDP will focus on multidisciplinary nature of Mathematics and its role in decision making. This will provide a platform for discussing the recent advancement in Mathematics and allied areas including their applications and exploring the possibility of effective interactions between them

### Tentative Schedule:

Date	Tentative Topic
16-08-19	Number Theory
17-08-19	Analysis
18-08-19	Operation Research
19-08-19	Statistics
20-08-19	Graph theory

### Resource Person:

Dr. A.V.S.N.Murthy,  
Professor, VIT  
Vellore

## Objectives

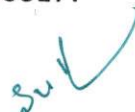
The main objective of the Program is: to bring all the aspiring and enthusiastic mathematical minds together and explore the interconnectedness of all streams of mathematical research. In this FDP, there is no barrier between intra and interdisciplinary mathematical research

## Outcomes

1. The programme will cover the field of Mathematical Sciences (Mathematics, Statistics, Computer Science etc.
2. It creates a platform to learn about the recent advances of various streams of mathematical sciences may it be intra or inter-disciplinary.

## Address for Correspondance

Dr.CH.V Sivaram Prasad, (Coordinator)  
Professor, H&BS Department,  
Aditya Engineering College,  
Surampalem.  
E.G.Dist. A.P-533437  
Mobile No. 9440346817.

  
**PRINCIPAL**  
**ADITYA ENGINEERING COLLEGE**  
**SURAMPALAM - 533 437**





# ADITYA ENGINEERING COLLEGE

An Autonomous Institution

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Recognised by UGC under sections 2(f) and 12(B) of UGC Act, 1956

Aditya Nagar, ADB Road, Surampalem - 533437, Near Kakinada, E.G.Dt., Ph:99498 76662

## Department of Humanities and Basic Sciences

Date: 09-08-2019

### CIRCULAR

All the faculty members of H&BS are hereby informed that the department of Humanities and Basic Sciences is organizing a 5-Day FDP on “**Mathematical Science and Its Recent Advancements**” from 16-08-2019 to 20-08-2019. Hence, the interested faculty from H&BS are advised to register their names with the programme coordinator **Dr.CH.V,Sivaram Prasad**, Professor, Department of H&BS on or before 14-08-2019.

**Venue:** Billgates Bhavan-301

**Timings:** 9:30 AM to 3:30 PM

  
Head of the Department

Head of the Department  
Department of H & BS  
Aditya Engineering College (A9)

  
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## FDP on " Mathematical Science and Its Recent Advancements"

### Attendance Sheet

Sl.No	Name of the Participant	Name of the College	16/08/2019	17/08/2019	18/08/2019	19/08/2019	20/08/2019
1	G.Aparna	Aditya Engineering College, Surampalem	<i>G.Aparna</i>	<i>G.Aparna</i>	<i>G.Aparna</i>	<i>G.Aparna</i>	<i>G.Aparna</i>
2	N Nalini Krupa	Aditya Engineering College, Surampalem	<i>N.Nalini</i>	<i>N.Nalini</i>	<i>N.Nalini</i>	<i>N.Nalini</i>	<i>N.Nalini</i>
3	M. Srikanth	Aditya Engineering College, Surampalem	<i>M.Srikanth</i>	<i>M.Srikanth</i>	<i>M.Srikanth</i>	<i>M.Srikanth</i>	<i>M.Srikanth</i>
4	T.Padma Praveen	Aditya College of Engineering & Technology, Surampalem	<i>T.Padma Praveen</i>	<i>T.Padma Praveen</i>	<i>T.Padma Praveen</i>	<i>T.Padma Praveen</i>	<i>T.Padma Praveen</i>
5	K.Vydehi	Aditya Engineering College, Surampalem	<i>K.Vydehi</i>	<i>K.Vydehi</i>	<i>K.Vydehi</i>	<i>K.Vydehi</i>	<i>K.Vydehi</i>
6	K.Durga Bhavani	Aditya College of Engineering, Surampalem	<i>K.Durga Bhavani</i>	<i>K.Durga Bhavani</i>	<i>K.Durga Bhavani</i>	<i>K.Durga Bhavani</i>	<i>K.Durga Bhavani</i>
7	M.Srinivasu	Aditya College of Engineering, Surampalem	<i>M.Srinivasu</i>	<i>M.Srinivasu</i>	<i>M.Srinivasu</i>	<i>M.Srinivasu</i>	<i>M.Srinivasu</i>
8	Dr.B.S.N Murthy	Aditya College of Engineering & Technology, Surampalem	<i>Dr.B.S.N Murthy</i>	<i>Dr.B.S.N Murthy</i>	<i>Dr.B.S.N Murthy</i>	<i>Dr.B.S.N Murthy</i>	<i>Dr.B.S.N Murthy</i>
9	Dr.A.Neeraja	Aditya College of Engineering, Surampalem	<i>Dr.A.Neeraja</i>	<i>Dr.A.Neeraja</i>	<i>Dr.A.Neeraja</i>	<i>Dr.A.Neeraja</i>	<i>Dr.A.Neeraja</i>

*G.V.S.*  
Co-ordinator

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ADITYA ENGINEERING COLLEGE  
SURAMPALAM - 533 437

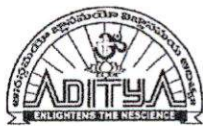


23	Ch. Satyasurya Murthy	Aditya Engineering College, Surampalem	<i>murthy</i>	<i>murthy</i>	<i>murthy</i>	<i>Murth</i>	<i>Murth</i>
24	G. Venkata Ramana	Aditya Engineering College, Surampalem	<i>s</i>	<i>s</i>	<i>s</i>	<i>s</i>	<i>s</i>
25	Dr. B. Krishnaveni	Aditya Engineering College, Surampalem	<i>BK</i>	<i>BK</i>	<i>BK</i>	<i>BK</i>	<i>BK</i>
26	K. Swamy	Aditya College of Engineering & Technology, Surampalem	<i>Ks</i>	<i>Ke</i>	<i>Ke</i>	<i>Ke</i>	<i>Ke</i>
27	V. Venkata Kumar	Aditya Engineering College, Surampalem	<i>v</i>	<i>v</i>	<i>v</i>	<i>v</i>	<i>v</i>
28	D. V. Saradhi	Aditya College of Engineering, Surampalem	<i>Saradh</i>	<i>Saradh</i>	<i>Saradh</i>	<i>Saradh</i>	<i>Saradh</i>
29	D. Varalakshmi Prasanna	Aditya Engineering College, Surampalem	<i>Devi</i>	<i>Devi</i>	<i>Devi</i>	<i>Devi</i>	<i>Devi</i>
30	PSSR. Sujatha	Aditya College of Engineering, Surampalem	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>
31	A. Phani Sridhar	Aditya Engineering College, Surampalem	<i>A</i>	<i>A</i>	<i>A</i>	<i>A</i>	<i>A</i>
32	S. Chandrika	Aditya Engineering College, Surampalem	<i>Sc</i>	<i>Sc</i>	<i>Sc</i>	<i>Sc</i>	<i>Sc</i>
33	G. Ananatha Lakshmi	Aditya College of Engineering, Surampalem	<i>CL</i>	<i>CL</i>	<i>CL</i>	<i>CL</i>	<i>CL</i>
34	P. Srilatha	Aditya Engineering College, Surampalem					
35	N. Selvamalar	Aditya Engineering College, Surampalem	<i>U</i>	<i>U</i>	<i>U</i>	<i>U</i>	<i>U</i>

*Qr8*  
Coordinator

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ADITYA ENGINEERING COLLEGE  
SURAMPALAM - 533 437

*MDS*  
Convenor



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Aditya Nagar, ADB Road, Surampalem - 533437, Near Kakinada, E.G.Dt., Ph:99498 76662

## Department of Humanities and Basic Sciences

Date: 21.08.2019

### Report on

### FDP on "Mathematical Science and Its Recent Advancements"

**Title:** Mathematical Science and Its Recent Advancements

#### **Introduction to Event:**

An FDP on "Mathematical Science and Its Recent Advancements" was conducted at Aditya Engineering College (A), Surampalem by the department of H&BS to provide a platform for discussing the recent advancement in Mathematics and allied areas including their applications and exploring the possibility of effective interactions between them

**Event Dates:** 16-08-2019 to 20-08-2019

**Number of Days:** 5 days

**Co-ordinator:** Dr. CH. V. Sivaram Prasad, Professor, Department of H&BS.

#### **Agenda/Event Flow:**

Day-1: Number Theory

Day-2: Analysis

Day-3: Operation Research

Day-4: Statistics

Day-5: Graph theory

**No. of Participants:** 35

**Experts with Designation:** Dr. A.V.S.N.Murthy,  
Professor, VIT  
Vellore

#### **Experts' Profile:**

**Dr. A.V.S.N.Murthy,**

He has more than 10 years of experience and presently working in VIT, Vellore. He completed Ph.D. from Andhra University and published 4 Scopus, 3 SCI and 6 conference papers. He is expertise in the area of Algebra (Group theory).

S.V.  
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**Venue:** Bill gates Bhavan (Room No: 301)

**Hospitality/Accommodation:** Yes

**Staffing:**

1. Mr.P.Satish, Asst. Professor
2. Ms.D.V.L.Prasanna, Asst. Professor

**Outcomes:**

- The programme will cover the field of Mathematical Sciences (Mathematics, Statistics, Computer Science etc and their relevant applications in Engineering.

**Conclusive Remarks:**

This 5-Day programme was conducted successfully fulfilling the goal of making faculty from H&BS department to learn about the recent advances of various streams of mathematical sciences may it be intra or inter-disciplinary. This will provide a platform for discussing the recent advancement in Mathematics and allied areas including their applications and exploring the possibility of effective interactions between them.

**Photos:**




Presentation session on FDP

  
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**SURAMPALEM - 533 437**



Interaction session

  
Coordinator

  
Head of the Department

Head of the Department  
Department of H & BS  
Aditya Engineering College (A9)

  
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SURAMPALAM - 533 437



**A 5-day FDP  
On  
“Strategies For Management  
Research”**

**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) .....
11. DD No and date: .....

(Participant) Signature  
(Head of the Institution)

**Chief Patron**

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

**Patron**

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

**Convener**

Dr. M. Srinivasa Reddy  
Principal

**Co-Convener**

Dr. N. Visalakshi  
HoD, Dept. of MS

**Coordinator**

Mrs. V. Suneetha  
Associate Professor  
Contact No: 9848192604  
Email: suneethavemuri@aec.edu.in

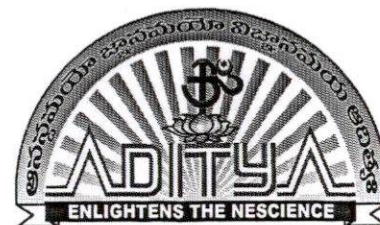
**Organizing Committee**

1. Mr. Channa Vinod Kumar  
Asst. Prof, Dept. of MS
2. Mr. Duvvuri Meherji  
Asst. Prof, Dept. of MS
3. Mr. K. Srinivasu  
Asst. Prof, Dept. of MS

*Suk*  
**PRINCIPAL**  
**Aditya Engineering College**  
**SURAMPALEM**

**5-Days Faculty Development Program  
On  
“Strategies For Management  
Research”**

**07-10-2019 to 11-10-2019**



**Department of Management Studies**

**ADITYA ENGINEERING COLLEGE (A)**  
(Approved by AICTE)  
Recognized by UGC under section 2(f) of UGC act, 1956  
Aditya Nagar, ADB Road, Surampalem – 533 437

Phone: 0884-2326202

Email: ms\_hod@aec.edu.in





### ABOUT ADITYA ENGINEERING COLLEGE

Aditya Engineering College 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, and CS & SE. The College has state of the art infrastructure, resource facilities, lecture halls, highly equipped labs, library & well-furnished canteen.

### ABOUT DEPARTMENT OF MANAGEMENT STUDIES

The department of management mainly focuses on interrogating the evidence, challenging the logic, questioning the existing ways of doing things and re-imagining business and management, the pre-requisites for business leaders and managers.

Case Study Approach, LPA (Learn, Practice and Apply), Activity Based Learning (ABL), Industrial visits, guest lectures, seminars, business fest, community initiatives Etc. are a part and parcel of the department. Interactive sessions with entrepreneurs and business professionals are organized where insights are provided on the academic fundamentals of contemporary entrepreneurship and innovation as well as hard-earned business experience.

### ABOUT THE FDP

The current FDP is an effort to enrich the Young Faculties & Research scholars in social science on research methodology. The present FDP on research methodology course in social science is expected to cover the basics of research methodology, focusing on theoretical and practical inputs. Specifically, it will focus on formulating a research problem, formulating the research hypothesis and testing of hypothesis, conducting literature review, data collection methods.

### OUTCOMES

- To Know Current Trends in Research
- To Do Research in a Better Way
- Apply the Updated Techniques
- Able to do Hypothesis Perfectly

### RESOURCE PERSON

**Dr. M. SREERAMA RAJU**

Assistant Professor

Department of Management Studies

Adikavi Nannaya University

M.S.N. Campus

Kakinada-533 001, Andhra Pradesh.

### ELIGIBILITY

The course is open to faculty from AICTE approved Management colleges / Institutions and working professionals from Industries / R&D organizations with basic degree in relevant field of Arts Colleges.

### REGISTRATION

Free registration to all participants

Duly filled up registration form as per the format given in the brochure sent to the coordinator so as to reach on or before  
**01 October 2019**

### ACCOMMODATION

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

### Address for Correspondence

Mr. K. Srinivasu  
Assistant Professor  
Department of Management Studies  
Aditya Engineering College (A)  
Surampalem, Andhra Pradesh-533 437.  
Contact No: 6301340121

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Aditya Engineering College  
SURAMPALEM





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## Department of Management Studies

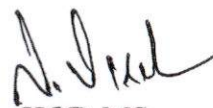
Date: 04.10.2019

### CIRCULAR

All the faculty members of MBA and IMBA are hereby informed that the department of Management Studies is organizing a 5-Day Faculty Development Programme on "Strategies for Management Research" from 07-10-2019 to 11-10-2019. Hence, all the faculty from MBA and IMBA are advised to register their names with the program coordinator Mrs. V.Suneetha, Associate Professor, MBA on or before 05-10-2019.

Venue: Abdul Kalam Bhavan-101

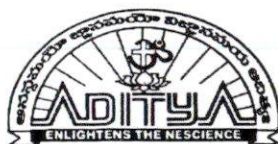
Timings: 9:30 AM to 3:30 PM

  
HOD-MS

Head of the Department  
Department of Management Studies  
Aditya Engineering College (A)  
SURAMPALEM



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## DEPARTMENT OF MANAGEMENT STUDIES

### ATTENDANCE SHEET

For FDP on the topic of "Strategies For Management Research"

S.No.	Name of the College	Name of the faculty	07/10/2019 Signature		08/10/2019 Signature		09/10/2019 Signature		10/10/2019 Signature		11/10/2019 Signature	
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	AEC	Narapareddi Visalakshi	N. Vis	N. Vis	N. Vis	N. Vis	N. Vis	N. Vis	N. Vis	N. Vis	N. Vis	N. Vis
2	AEC	Vemuri Suneetha	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun
3	AEC	Duvvuri Meherji	D. Me	D. Me	D. Me	D. Me	D. Me	D. Me	D. Me	D. Me	D. Me	D. Me
4	AEC	Challapalli Raj Kumar	Ch. Raj	Ch. Raj	Ch. Raj	Ch. Raj	Ch. Raj	Ch. Raj	Ch. Raj	Ch. Raj	Ch. Raj	Ch. Raj
5	AEC	Karri Srinivasu	K. Sri	K. Sri	K. Sri	K. Sri	K. Sri	K. Sri	K. Sri	K. Sri	K. Sri	K. Sri
6	AEC	Sudhamsetty Naveen	S. Naveen	S. Naveen	S. Naveen	S. Naveen	S. Naveen	S. Naveen	S. Naveen	S. Naveen	S. Naveen	S. Naveen
7	AEC	Kondipudi Jagadeesh	K. Jag	K. Jag	K. Jag	K. Jag	K. Jag	K. Jag	K. Jag	K. Jag	K. Jag	K. Jag
8	AEC	Gottipati Krishna Hari	G. Krishna	G. Krishna	G. Krishna	G. Krishna	G. Krishna	G. Krishna	G. Krishna	G. Krishna	G. Krishna	G. Krishna
9	AEC	Chirra Madhulatha	Ch. Mad	Ch. Mad	Ch. Mad	Ch. Mad	Ch. Mad	Ch. Mad	Ch. Mad	Ch. Mad	Ch. Mad	Ch. Mad

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10	AEC	Atapakala Jayanand										
11	AEC	Pulugu Srinivasa Subrahmanyam	PSS	PSS	PSS	PSS	PSS	PSS	PSS	PSS	PSS	PSS
12	AEC	V.V.Kamesh	VVK	VVK	VVK	VVK	VVK	VVK	VVK	VVK	VVK	VVK
13	AEC	V. Pragna	PV	PV	PV	PV	PV	PV	PV	PV	PV	PV
14	AEC	K.Rajendra	KR	KR	KR	KR	KR	KR	KR	KR	KR	KR
15	AEC	M. Anusha	M.Anu	M.Anu	M.Anu	M.Anu	M.Anu	M.Anu	M.Anu	M.Anu	M.Anu	M.Anu
16	BVC-O	Sambana Padmalatha										
17	BVC-O	Dangeti Gowri Kalyani	D.G.Kalyani	D.G.Kalyani	D.G.Kalyani	D.G.Kalyani	D.G.Kalyani	D.G.Kalyani	D.G.Kalyani	D.G.Kalyani	D.G.Kalyani	D.G.Kalyani
18	BVC-O	Nagatatish Undapalli	N.Undapalli	N.Undapalli	N.Undapalli	N.Undapalli	N.Undapalli	N.Undapalli	N.Undapalli	N.Undapalli	N.Undapalli	N.Undapalli
19	BVC-O	Sanivarapu Surya Kumari	SSKum	SSKum	SSKum	SSK	SSKum	S.SK	SSK	SSK	SSK	SSKum
20	BVC-O	Barla Vimala	B.Vil	B.Vil	B.Vil	B.Vil	B.Vil	B.Vil	B.Vil	B.Vil	B.Vil	B.Vil
21	BVC-A	Mashahaddi Sayyed Ali Nakhi Abed										
22	BVC-A	Bonam Satya Jyothi	Jyothi	Jyothi	Jyothi	Jyothi	Jyothi	Jyothi	Jyothi	Jyothi	Jyothi	Jyothi
23	BVC-A	Perabathula Jaya Lakshmi	Jalshi	Jalshi	Jalshi	Jalshi	Jalshi	Jalshi	Jalshi	Jalshi	Jalshi	Jalshi
24	BVC-A	Koka Chaitanya	Chaitanya	Chaitanya	Chaitanya		Chaitanya	Chaitanya	Chaitanya	Chaitanya	Chaitanya	Chaitanya
25	BVC-A	Kodati Veera Venkata Vijaya Durga	KVVD	KVVD	KVVD	KVVD	KVVD	KVVD	KVVD	KVVD	KVVD	KVVD

  
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26	PEC	S. Vamsi Kiran	<del>Kiran</del>	<del>Kiran</del>	<del>Kiran</del>	<del>Kiran</del>	<del>Kiran</del>	<del>Kiran</del>	<del>Kiran</del>	<del>Kiran</del>	<del>Kiran</del>	<del>Kiran</del>
27	PEC	K.S.V.G.K. Murthy	<del>murthy</del>	<del>murthy</del>	<del>murthy</del>	<del>murthy</del>	<del>murthy</del>	<del>murthy</del>	<del>murthy</del>	<del>murthy</del>	<del>murthy</del>	<del>murthy</del>
28	PEC	K. Anand	<del>KAnand</del>	<del>KAnand</del>	<del>KAnand</del>	<del>KAnand</del>	<del>KAnand</del>	<del>KAnand</del>	<del>KAnand</del>	<del>KAnand</del>	<del>KAnand</del>	<del>KAnand</del>
29	PEC	G. Prasanna Kumar	<del>G.P</del>	<del>G.P</del>	<del>G.P</del>	<del>G.P</del>	<del>G.P</del>	<del>G.P</del>	<del>G.P</del>	<del>G.P</del>	<del>G.P</del>	<del>G.P</del>
30	ICE,KKD	B. Venkateswara Rao	<del>VR</del>	<del>VR</del>	<del>VR</del>	<del>VR</del>	<del>VR</del>	<del>VR</del>	<del>VR</del>	<del>VR</del>	<del>VR</del>	<del>VR</del>
31	ICE,KKD	M.V. Madhava Rao	<del>MR</del>	<del>MR</del>	<del>MR</del>	<del>MR</del>	<del>MR</del>	<del>MR</del>	<del>MR</del>	<del>MR</del>	<del>MR</del>	<del>MR</del>
32	ICE,KKD	M. Pavana Kumari	<del>mPai</del>	<del>mPai</del>	<del>mPai</del>	<del>mPai</del>	<del>mPai</del>	<del>mPai</del>	<del>mPai</del>	<del>mPai</del>	<del>mPai</del>	<del>mPai</del>
33	ICE,KKD	P.S. Padmavathi	<del>P.S. Padma</del>	<del>P.S. Padma</del>	<del>P.S. Padma</del>	<del>P.S. Padma</del>	<del>P.S. Padma</del>	<del>P.S. Padma</del>	<del>P.S. Padma</del>	<del>P.S. Padma</del>	<del>P.S. Padma</del>	<del>P.S. Padma</del>
34	SCM	T. Uday Kumar	<del>Uday</del>	<del>Uday</del>	<del>Uday</del>	<del>Uday</del>	<del>Uday</del>	<del>Uday</del>	<del>Uday</del>	<del>Uday</del>	<del>Uday</del>	<del>Uday</del>
35	SCM	J. S. R. Prasad	<del>J.S.R. Prasad</del>	<del>J.S.R. Prasad</del>	<del>J.S.R. Prasad</del>	<del>J.S.R. Prasad</del>	<del>J.S.R. Prasad</del>	<del>J.S.R. Prasad</del>	<del>J.S.R. Prasad</del>	<del>J.S.R. Prasad</del>	<del>J.S.R. Prasad</del>	<del>J.S.R. Prasad</del>
36	SCM	Y. Naveen Kumar	<del>YNK</del>	<del>YNK</del>	<del>YNK</del>	<del>YNK</del>	<del>YNK</del>	<del>YNK</del>	<del>YNK</del>	<del>YNK</del>	<del>YNK</del>	<del>YNK</del>

  
Coordinator

  
Head of the Department

Head of the Department  
Department of Management Studies  
Aditya Engineering College (A)  
SURAMPALEM

  
PRINCIPAL

ADITYA ENGINEERING COLLEGE  
SURAMPALEM - 533 437





# ADITYA ENGINEERING COLLEGE

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Recognised by UGC under sections 2(f) and 12(B) of UGC Act, 1956

Aditya Nagar, ADB Road, Surampalem - 533437, Near Kakinada, E.G.Dt., Ph:99498 76662

## Department of Management Studies

Date: 27.02.2021

### Report on

### 5 Day FDP on "Strategies for Management Research"

#### Introduction to Event:

A 5 Day Seminar on "Strategies for Management Research" was conducted at Aditya Engineering College (A), Surampalem by the department of MBA to acquire knowledge about current Trends and developments in relevant field. The objective of this programme is to impart the knowledge on the banking system of India consists of the central bank (Reserve Bank of India - RBI), commercial banks, cooperative banks and development banks (development finance institutions). These institutions, which provide a meeting ground for the savers and the investors, form the core of India's financial sector.

**Event Dates:** 07-10-2019 To 11- 10-2019

**Number of Days:** 5 days

**Co-ordinator:** V.Suneetha,

Assistant Professor, Dept. of MBA, Aditya Engineering College.

#### **Agenda/Event Flow:**

- |       |   |
|-------|---|
| Day-1 | Introduction to Research Methodology.     |
| Day-2 | Overview of Present Research Methods.     |
| Day-3 | New Trends in management Research.        |
| Day-4 | Development in new Software of Research.  |
| Day-5 | How to Utilize new Software in Research . |

**No. of Participants:** 36

**Experts with Designation:** Dr. M.Sreerama Raju

Assistant Professor Adikavi Nannaya University,

M.S.N.Campus Kakinada.

#### **Experts' Profile:**

Dr. M.Sreerama Raju is currently working as an Assistant Professor and Head in the Department of Management Studies, Adikavi Nannaya University, M.S.N.Campus Kakinada, India. His doctoral dissertation was in the area of retail service quality, he completed M.B.A. in Marketing Management. He has 3 years of academic experience.

  
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**Venue:-**101 (Seminar Hall)

**Hospitality/Accommodation:** No

**Staffing:**

1. Channa Vinod Kumar,  
Assistant Professor, Dept. of MBA
2. Duvvuri Meherji,  
Asst. Professor, Dept. of MBA
- 3.. Suneetha Vemuri,  
Asst. Professor, Dept. of MBA

**Outcomes:**

Participants have become familiarized to Capital Markets and its Process, Steps  
Participants applied the knowledge gained in the design of Development of Indian Economy as a brief

**Conclusive Remarks:**

This 5-Day programme was conducted successfully fulfilling the goal of making faculty from Computer networks system design concepts and security issues in it. As it was one of the good opportunities, all the participants were involved and interacted well. Finally, the program successfully came to end by giving necessary knowledge to faculty in the field of Management. The resource person presented the topics with relevant examples and provided learning resource to all the participants.

**Photos:**



**Dr. M.Sreerama Raju Delivering lecture**

*V. Suneetha*  
**Coordinator**

*[Signature]*

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**SURAMPALEM - 533 437**

*[Signature]*  
**Head of the Department**  
Head of the Department  
Department of Management Studies  
Aditya Engineering College (A)  
SURAMPALEM





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## Department of Masters in Computer Applications

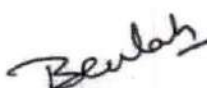
Date: 28.02.2020

### CIRCULAR

All the faculty members of MCA are hereby informed that the department of Master of Computer Applications is organizing a 5-Day Faculty Development Programme on "Big data & Hadoop" from 10-03-2020 to 14-03-2020. Hence, the interested faculty from MCA, CSE, and IT are advised to register their names with the programme coordinator Mrs. T. Satya Chellayi, Assoc. Professor, Department of MCA on or before 07-03-2020.

Venue: Bill Gates Bhavan- Room No-102

Timings: 9:30 AM to 3:30 PM

  
Head of the Department  
Head of the Department  
Department of MCA  
Aditya Engineering College

  
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**A Five days Faculty  
development program on  
"Bigdata & Hadoop"  
(10-03-2020 to 14-03-2020)**

**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) .....
11. DD No and date: .....

Signature

**Chief Patron**

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

**Patron**

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

**Principal**

Dr. M.Srinivasa Reddy  
Principal

**Convener**

Dr. Dokiburra Beulah  
HOD, Dept of MCA

**Coordinators**

T. Satya Chellayi,  
Assoc. Professor, Dept. of MCA

N.V.S. Murthy,  
Asst. Professor, Dept. of MCA

**Organizing Committee**

Ballredl Ramesh,  
Asst. Professor, Dept. of MCA

Hanumantu Gautam,  
Asst. Professor, Dept. of MCA

V. V. Gopala Rao,  
Asst. Professor, Dept. of MCA

**A Five days Faculty  
development program  
on  
"Bigdata & Hadoop"**

10<sup>th</sup> -14<sup>th</sup>, Mar 2020



**Department of  
Master of Computer Applications**

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Phone: 08011-919193

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### ABOUT ADITYA ENGINEERING COLLEGE

Aditya Engineering College was established in the academic year 2001-02 under the aegis of Aditya Academy, Kakinada with the approval of AICTE and Affiliated to JNTU with an intake of 180 in three UG Courses in Engineering & Technology.

The College is situated in an eco-friendly area of 180 acres with thick greenery at Surampalem, Gandepalli Mandal, East Godavari District, Andhra Pradesh. The College is 15 KM away from Samalkot Railway Station on Howrah-Chennai Railway line in South Central Railway. The College is 35 Km away from Kakinada and Rajahmundry on ADB Road.

The College has four academic Buildings with a total carpet area of 44,524 Sq. Mts. apart from two boys hostels and one girls hostel buildings

### ABOUT DEPARTMENT OF MASTER OF COMPUTER APPLICATION

The Department was established in the year 2004 with intake of 60. The department accredited by NAAC in the year 2015. Department has well experienced and qualified faculty. The department aims at promoting quality and value based education by harnessing the skills of students, creating awareness on the advancements in Computer Applications and preparing them for the agile industry. The department is offering UG & PG (CS, CSE & SE) programmes.

### ABOUT PROGRAMME

The FDP is to provide insights on the topic "Bigdata & Hadoop" for CSE&IT faculty.

Introduction to Bigdata, Hadoop & Big Data Analytics, Hadoop Design and Environment Setup, HDFS Overview and Operations, Basics of Map Reduce Programming, Basics of HIVE & PIG Tools Business Intelligence Concepts and Application, Managing Hadoop with Apache Ambari

### RESOURCE PERSON

**K. Veerendra Kumar**  
Asst. Professor,  
Department of CSE,  
BVC Engineering College, AP, India

### ELIGIBILITY

The main objective of the Program is:

- The programme is designed to enhance the learning and research skills of the participants, to make them aware about modern analytical tools and methodologies.
- To acquire knowledge about current technological developments in relevant fields
- The programme mainly focuses on Big Data Analytics and the different computational approaches with primary concern and motivation for application development.

### OUTCOMES

- To gain mere knowledge between structured and unstructured databases
- To implement Map-Reduce Programming, for structured, unstructured data processing
- To acquire practical knowledge on HIVE, PIG, MongoDB, NoSQL.

### ACCOMMODATION

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

### Address for Correspondance

T. Satya Chellayl,  
Assoc. Professor, MCA Department,  
Aditya Engineering College,  
Surampalem.  
E.G.Dist. A.P-533437  
Mobile No. 8500651724.

*Sat*

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## DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

### FDP On Big Data And Hadoop

#### ATTENDANCE LIST

S.NO	NAME OF ATTENDEES	10-03-2020	11-03-2020	12-03-2020	13-03-2020	14-03-2020
1	Mrs. Dokiburra Beulah	Beulah	Beulah	Beulah	Beulah	Beulah
2	Mr. Marni Srinu	M. Srinu	M. Srinu	M. Srinu	M. Srinu	M. Srinu
3	Mr. N. Venkata Satyanarayana Murthy	N. Venkata	N. Venkata	N. Venkata	N. Venkata	N. Venkata
4	Mrs. T. Satya Chellayi	T. Satya	T. Satya	T. Satya	T. Satya	T. Satya
5	Mr. Hanumantu Gautam	Gautam	Gautam	Gautam	Gautam	Gautam
6	Mr. Sri Satya Sudhir Reddy	Sudhir	Sudhir	Sudhir	Sudhir	Sudhir
7	Mr. Balireddi Ramesh	Ramesh	Ramesh	Ramesh	Ramesh	Ramesh
8	Mr. Gokeda Simhadri	Simhadri	Simhadri	Simhadri	Simhadri	Simhadri
9	Ms. S. Sushma	Sushma	Sushma	Sushma	Sushma	Sushma
10	Mrs. P. Srilatha	Srilatha	Srilatha	Srilatha	Srilatha	Srilatha
11	Mr. Phani Sridhar	Phani Sridhar	Phani Sridhar	Phani Sridhar	Phani Sridhar	Phani Sridhar
12	Mr. N. Siva Kumar	N. Siva	N. Siva	N. Siva	N. Siva	N. Siva
13	Mr. K. Govinda Raju	Kaladi	Kaladi	Kaladi	Kaladi	Kaladi
14	Mr. G. Srinivas	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas
15	Mrs. S. Neelima	Neelima	Neelima	Neelima	Neelima	Neelima
16	Mr. Grandhi Siva Shankar	Siva	Siva	Siva	Siva	Siva
17	Mr. Lakshmana Kumar Kurumeti Nagasurya	Nagasurya	Nagasurya	Nagasurya	Nagasurya	Nagasurya
18	Mr. Rajakala Jaladi	Jaladi	Jaladi	Jaladi	Jaladi	Jaladi
19	Mr. Ravi Kishore Veluri	Ravi	Ravi	Ravi	Ravi	Ravi
20	Mr. Ravi Shankara Subrahmanya Raju Battula	Ravi	Ravi	Ravi	Ravi	Ravi
21	Ms. Aparna Ganni	Aparna	Aparna	Aparna	Aparna	Aparna

N. Venkateswara  
Coordinator

SV ✓

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22	Ms. Devi Bondada	Devi	Devi	Devi	Devi	Devi
23	Ms. Kamparapu Devi Priya	Priya	Priya	Priya	Priya	Priya
24	Ms. Sarita Kilarapu	Sarita	Sarita	Sarita	Sarita	Sarita
25	Ms. Swarnalatha Garapati	Garapati	Garapati	Garapati	Garapati	Garapati
26	Ms. Vydehi Kasichainula	K. Vydehi	K. Vydehi	K. Vydehi	K. Vydehi	K. Vydehi
27	Mr. M. Kandan	M. Kandan	M. Kandan	M. Kandan	M. Kandan	M. Kandan
28	Mr. Nannababu Palla	Nannababu	Nannababu	Nannababu	Nannababu	Nannababu
29	Mr. T. K. Rama Krishna	Rama Krishna	Rama Krishna	Rama Krishna	Rama Krishna	Rama Krishna
30	Mr. Muthevi Anil Kumar	Anilkumar	Anilkumar	Anilkumar	Anilkumar	Anilkumar
31	Mr. S. S. R. K. M. Gupta	Gupta	Gupta	Gupta	Gupta	Gupta
32	Mr. Chakka SVSN Murty	Sus	Sus	Sus	Sus	Sus
33	Mr. BOLLU Manikayala Rao	B. Mani Rao	B. Mani Rao	B. Mani Rao	B. Mani Rao	B. Mani Rao
34	Ms. Shaik Vahida	V. Shaik	V. Shaik	V. Shaik	V. Shaik	V. Shaik
35	Mr. G A K S Rajeev Kumar	Kumar	Kumar	Kumar	Kumar	Kumar
36	Ms. N Mary Joce Debora	N. Mary	N. Mary	N. Mary	N. Mary	N. Mary
37	Mrs. TJL Sarwani	Sarwani	Sarwani	Sarwani	Sarwani	Sarwani
38	Mrs. JD Lalitha Sri	JD Lalitha Sri	JD Lalitha Sri	JD Lalitha Sri	JD Lalitha Sri	JD Lalitha Sri
39	Mrs. K. S. B. Ambika	Ambika	Ambika	Ambika	Ambika	Ambika
40	Mrs. R. Lalitha	R. Lalitha	R. Lalitha	R. Lalitha	R. Lalitha	R. Lalitha

N. Venkatesh  
Co-Ordinator

B. Venkatesh  
Signature of HOD  
Head of the Department  
Department of IT  
Aditya Engineering College

S. Venkatesh  
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## DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

Date: 14.03.2020

### Report on

### A Five day Faculty Development Program on "Big data & Hadoop"

Title: FDP on Big data & Hadoop

#### Introduction to Event:

A five Day Faculty Development Program on "Big data & Hadoop" was conducted at Aditya Engineering College (A), Surampalem by the Department of MCA, to enhance the expertise of MCA, CSE& IT faculty members to enhance the skills of faculty in the area of Bigdata & Hadoop. The main objective of the program is to enhance the learning and research skills of the participants in Big Data and to make them aware Technologies in Hadoop.

Event Dates: 10-03-2020 to 14-03-2020

Number of Days: 5 days

Co-ordinator: Mrs. T. Satya Chellayi, Asst. Professor, Department of MCA.

#### Agenda/Event Flow:

Day-1: Introduction to Bigdata, Hadoop & Big Data Analytics

Day-2: Hadoop Design and Environment Setup

Day-3: HDFS Overview and Operations, Basics of Map Reduce Programming

Day-4 Basics of HIVE & PIG Tools, Business Intelligence Concepts and Application

Day-5: Managing Hadoop with Apache Ambari

No. of Participants: 40

Resource Person:

K. Veerendra Kumar

Asst. Professor, Department of CSE,

BVC Engineering College

  
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**Resource Persons' Profile:**

K. Veerendra Kumar completed B.Tech (CSE) in Jawaharlal Nehru Technological University, Kakinada and M.Tech in Pragati Engineering College. He is working as Assistant Professor, Department of Computer Science and Engineering in BVC Engineering College. His areas of interest are Distributed data mining, Big Data Analytics, Web Mining, Text Mining, Big Data and Hadoop.

**Venue:** BGB Seminar Hall (Room No: 102)

**Hospitality/Accommodation:** Yes

**Staffing:**

N. Venkata Satyanarayana Murthy, Assoc. Professor, MCA Department

**Outcomes:**

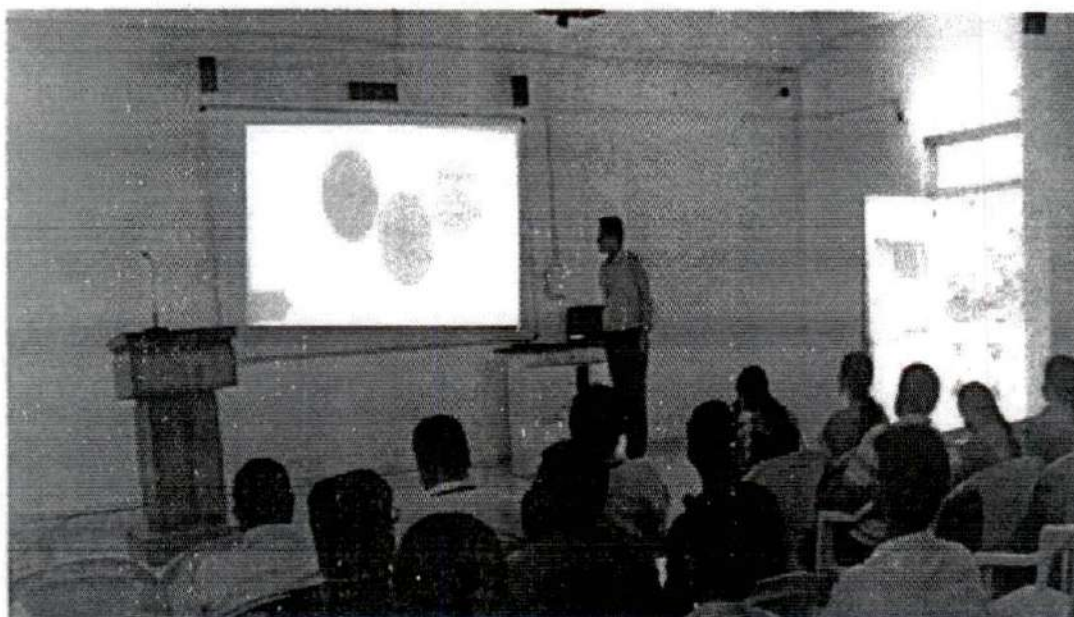
- Gain mere knowledge between structured and unstructured databases
- Implement Map-Reduce Programming, for structured, unstructured data processing
- Acquire practical knowledge on HIVE, PIG, MongoDB, NoSQL.

**Conclusive Remarks:**

Department of MCA organized an FDP on "Bigdata & Hadoop". K. Veerendra Kumar, Asst. Professor, BVC Engineering College acted as a resource person for the FDP. The resource person provided great insight into the area of Bigdata and Hadoop technologies. The applications of Hadoop with hands on sessions are conducted to achieve practical insights. The participants actively implemented experiments along with the resource person

  
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Photos:



*N. Venkateswamy*  
Coordinator

*Benlah*  
HOD  
Head of the Department  
Department of MCA  
Aditya Engineering College

*g.v.*  
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