



## SAPTHAGIRI COLLEGE OF ENGINEERING

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi.)

#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru- 560 057.

Web: [www.sapthagiri.edu.in](http://www.sapthagiri.edu.in), Email: [principal@sapthagiri.edu.in](mailto:principal@sapthagiri.edu.in)

Phone: 080-28 372800/1/2

Fax: 080-28 372797

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Date: 12/06/2014

### CIRCULAR

Faculties are hereby informed that department is conducting following FDP:


**Subject:** "Pollution performance of insulators/ arrestors".

**Date:** 22<sup>nd</sup> July 2014 to 26<sup>th</sup> July 2014.

All are requested to attend the FDP without fail.

HOD 

Dept. of EEE

  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road,  
Bangalore- 560 057

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**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**

### Minutes of Meeting

A meeting of the academic committee was held on 09/06/2014 at HOD's office of EEE Department.

Dr. K N Ravi, Professor & HOD chaired the meeting.

Committee discussed the syllabus, schedule, etc. to conduct five days FDP on "Pollution performance of insulators/ arrestors" from 22<sup>nd</sup> July 2014 to 26<sup>th</sup> July 2014 and the same was approved by the HOD.

#### Detailed Syllabus & Schedule:

##### DAY 1 - Date: 22/07/2014

Time	Topics
09:30 am To 11:00 am	Inauguration, Invocation, welcome speech, Introduction of resource person, presidential address
<b>Tea Break</b>	
11:30 am To 12:30 pm	Introduction to Insulators/ Arrestor.
<b>Lunch Break</b>	
02:30 pm To 04:00 pm	Pollution Testing on Insulators & Arrestors.

##### DAY 2 - Date: 23/07/2014

Time	Topics
09:30 am To 11:00 am	DC pollution Performance of Insulators.
<b>Tea Break</b>	
11:30 am To 1:30 pm	Profile of Insulators for DC Applications.
<b>Lunch Break</b>	
02:30 pm To 04:00 pm	Ion Migration & Thermal Run-away of DC Insulators.

  
Principal

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### DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

#### DAY 3 – Date: 24/07/2014

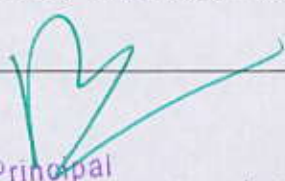
Time	Topics
09:30 am To 11:00 am	Pollution Performance of Polymeric Insulators.
<b>Tea Break</b>	
11:30 am To 1:30 pm	Performance of Fibre Glass rod for Brittle Fracture.
<b>Lunch Break</b>	
02:30 pm To 04:00 pm	Pollution Performance Of Insulator/ Arrestor

#### DAY 4 – Date: 25/07/2014

Time	Topics
09:30 am To 11:00 am	Source Requirement of DC Pollution Testing
<b>Tea Break</b>	
11:30 am To 1:30 pm	Recent trends in Insulating materials
<b>Lunch Break</b>	
02:30 pm To 04:00 pm	Recent trends in surge arrestors

#### DAY 5 – Date: 26/07/2014

Time	Topics
09:30 am To 2.00 pm	Industrial visit
<b>Lunch Break</b>	
02:30 pm To 04:00 pm	Question / Answer session, Feed Back, Valedictory Function e.t.c

  
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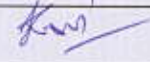
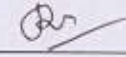
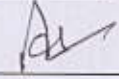


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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

### Academic Committee:

1	Dr. K N Ravi,	Chairman	
2	Prof Rekha S N.	Convenor	
3	Prof A Dhamodaran	Member	
4	Prof. Guruprasanna P	Member	
5	Prof Rukmangada R	Member	

  
Principal

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Bangalore- 560 057

## About the College

Sapthagiri Group of Institutions is the creation of Sri Srinivasa Educational & Charitable trust, Bengaluru. Sapthagiri College of Engineering is the brainchild of honorable Sri Giriappa, Founder Chairman and Sri. G. Dayanand, Chairman of Sri Srinivasa Educational & Charitable trust. Sri G.D. Manoj, is the Executive Director of SCE. SCE began its glorious journey in the year 2004. It is approved and accredited by AICTE, New Delhi and is affiliated to VTU Belagavi, Karnataka. The campus of Sapthagiri College of Engineering is spread across 6.5 acres of lush green land with beautiful landscape. The area enjoys pleasant atmosphere throughout the year.

## Vision

To create and maintain an enabling learning environment for the students to transform them as thorough professionals to meet diverse professional demands of global environments.

## Mission

To provide quality education to the students to pursue courses in different engineering disciplines and to transform their professional dreams into reality and to offer competent budding professionals to the society.

## About the Department:

The Electrical and Electronics Engineering Department had its beginning in the year 2001 and has an intake of 120 students. It is one of the pioneering departments at Sapthagiri College of Engineering. The Department has well qualified and dedicated faculty members, who always put in their best efforts to ensure that quality education is imparted to students. The Department is striding in the progressive path to achieve excellence in academics and research activities. The Department has state-of-the-art laboratories and latest software. Students are thoroughly trained in electrical engineering applications to meet the challenges of the Electrical industry. Department conducts various workshops and FDPs to enhance the skillset of Faculties and students.

## About the FDP:

Its objectives are

- To enhance the skills of faculties in the field of insulators/ arrestors.
- To understand in detail about insulators and surge arrestors and their pollution performances.

## Resource Persons:

**Dr. K N Ravi, Professor & HOD,  
EEE, SCE, Bangalore**  
**Dr. Vasudev N, Addl. Director,  
CPRI, Bangalore**

## Who Can Attend the FDP?

The FDP is open for the all the faculties (EEE & ECE)

## Registration

The registration will be done at the place venue.

## Address for Communication/Registration

**Prof. A Dhamodaran**  
Assistant Professor, EEE  
Ph: 9620540352

**Prof. Jhansi**  
Asst. Professor, EEE  
Ph: 7411353490

## Email-id for registration:

[adhamodaran@sapthagiri.edu.in](mailto:adhamodaran@sapthagiri.edu.in)

REGISTRATION FORM  
5 Days Faculty Development  
Programme  
on

“Pollution performance of  
insulators/ arrestors”  
FROM  
22<sup>nd</sup> July 2014 to 26<sup>th</sup> July 2014

Name of the Participant:

.....

Gender:

.....

Department:

.....

Name & Address of Institution:

.....

.....

Address for Communication:

.....

.....

.....

Email ID:.....

Mobile: .....

Signature of  
the Applicant

Signature & Seal of  
the HOD/ Principal

**Chief Patrons**

**Sri. G. Dayanand,**  
Chairman, Sri. Srinivasa Educational & Charitable Trust,  
Sapthagiri Group of Institutions, Bengaluru

**Sri. G.D. Balaji,**  
Executive Director, Sri. Srinivasa Educational  
& Charitable Trust, Sapthagiri Group of Institutions

**Sri. G.D. Manoj,**  
Executive Director, Sri. Srinivasa Educational  
& Charitable Trust, Sapthagiri Group of Institutions

**Patrons**

**Dr. Ashwath Kumar,**  
Principal, SCE, Bengaluru

**Program Coordinator**

**Prof. A Dhamodaran**  
Assistant Professor., EEE, SCE, Bengaluru

**MEMBERS**

**Prof. Jhansi K.**  
Assistant Professor, EEE, SCE, Bengaluru

**Prof. Ashwini C.**  
Assistant Professor, EEE, SCE, Bengaluru

**Prof. Ramya M.**  
Assistant Professor, EEE, SCE, Bengaluru

**Prof. GuruPrasanna.**  
Senior Grade Lecturer, EEE, SCE, Bengaluru



5 Days Faculty Development Programme  
on

“Pollution performance of  
insulators/ arrestors”  
FROM  
22<sup>nd</sup> July 2014 to 26<sup>th</sup> July 2014

Organized by

Department of  
Electrical and Electronics  
Engineering



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### DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

2014-15 (ODD)

**List of participants and Attendance- FDP on "Pollution performance of insulators/ arrestors"  
from 22<sup>nd</sup> July 2014 to 26<sup>th</sup> July 2014**

Sl. No.	Name of the Faculty	22/07/14		23/07/14		24/07/14		25/07/14		26/07/14	
		FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	DO. K. N. RAVI	X	K	K	K	K	K	K	K	K	K
2	A. M. LEELA	X	L	L	L	L	L	L	L	L	L
3	Ashwini. C	X	A	A	A	A	A	A	A	A	A
4	A. Dhamodaran	X	D	D	D	D	D	D	D	D	D
5	Dnyu N. S	X	D	D	D	D	D	D	D	D	D
6	R. RUKMANGADA	X	R	R	R	R	R	R	R	R	R
7	Rajda S. N	X	R	R	R	R	R	R	R	R	R
8	Guru Prasanna	X	G	G	G	G	G	G	G	G	G
9	Jhanshi K	X	J	J	J	J	J	J	J	J	J
10	RANJYA. M.	X	R	R	R	R	R	R	R	R	R
11	YOUSUF NADAR	X	Y	Y	Y	Y	Y	Y	Y	Y	Y
12	Sushma. R.	X	S	S	S	S	S	S	S	S	S
13											

  
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14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057  
**Department of Electrical and Electronics and Engineering**  
**FACULTY DEVELOPMENT PROGRAMME COMMITTEE**

**AY 2014-15(ODD)**

**Report on FDP on “Pollution performance of insulators/ arrestors”**

Aiming to provide an additional skill and training on technical aspects of HV engineering, department conducted an FDP on “Pollution performance of insulators/ arrestors” from 22<sup>nd</sup> July 2014 to 26<sup>th</sup> July 2014, by Dr. K N Ravi and Dr. Vasudev N, Addl. Director (CPRD) experts in High Voltage Engineering subject. The technical session was very helpful in enhancing the technical knowledge amongst the faculty members. Summarizing the proceedings of the FDP, faculties felt that the session was very informative & was helpful to gain knowledge about the Insulators and its applications.







# Sapthagiri College of Engineering

Bangalore-560057

## Certificate

This is to certify that Mr. /Ms. Guru Prassanna  
of EEE has participated  
and successfully completed 05 days Faculty Development Program on  
"Pollution performance of insulators/ arrestors" from 22/7/2014  
to 26/7/2014 organized by the Department of Electrical & Electronics  
Engineering, Sapthagiri College of Engineering.

Dr. K N Ravi

HOD, Dept. of EEE

Principal

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Principal