

**2015-16**

**6.3.3 List of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during academic year 2015-16**

<b>Dates (from-to) (DD-MM-YYYY)</b>	<b>Title of the professional development program organized for teaching staff</b>	<b>Title of the administrative training program organized for non-teaching staff</b>	<b>Page NO</b>
20/6/2016 - 24/6/2016	Deep Learning		<b>3—10</b>
6/6/2016		Effects of Narcotic Drugs	<b>11—16</b>
1/4/2016 - 3/4/2016	Awareness on Accreditation Process		<b>17—26</b>
12/1/2016	Optical Fiber Transmission system in Industry		<b>27—32</b>
5/1/2016 - 9/1/2016	Nanophysics		<b>33—42</b>
5/1/2016 - 9/1/2016	Pre stressed Concrete		<b>43—50</b>
5/1/2016 - 9/1/2016	Current Trends in Big data Analytics		<b>51—57</b>
5/1/2016 - 9/1/2016	Introduction to basics of Python Programming		<b>58—67</b>
5/1/2016 - 9/1/2016	Emerging trends in power system & High voltage engineering		<b>68—75</b>
5/1/2016 - 9/1/2016	Advanced Java programming		<b>76—84</b>
5/1/2016 - 9/1/2016	Teaching techniques in Computer aided machine drawing		<b>85—90</b>
3/8/2015	Introduction to IPR		<b>91—95</b>
7/9/2015 to 11/9/2015		Staff development program on E-governance	<b>96—104</b>
27/7/2015 - 31/7/2015	Application Of Electrochemistry In Biotechnology		<b>105—114</b>
27/7/2015 - 31/7/2015	Analysis Of Indeterminate Structures		<b>115—122</b>
27/7/2015 - 31/7/2015	Digital image processing basics to recent trends		<b>123—130</b>
27/7/2015 - 31/7/2015	FDP on Networking & Application Development for IoT Environment		<b>131—138</b>
27/7/2015 - 31/7/2015	Recent trends in electrical transmission		<b>139—146</b>
27/7/2015 - 31/7/2015	Recent Trends on Software Testing		<b>147—155</b>
27/7/2015 - 31/7/2015	Design of Machine Elements		<b>156—161</b>
21/7/2015	Future of Internet-Economy of sharing		<b>162—167</b>

15-16  
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

ACADEMIC YEAR 2016-2017

Date: 15/05/2016

### CIRCULAR

Faculties are hereby informed that the department is conducting a Five days Faculty Development programme on "**Deep Learning**" for our faculties for their Technical Developments from 20<sup>th</sup> June 2016 to 24<sup>th</sup> June 2016. Interested Faculties can register their names with Prof. A Latna, Assistant Professor and Prof Kavitha G, Assistant Professor.

Copy to

1. The office of the Principal
2. HODs: CSE/ECE/EEE/IS/ME/CV/BT/PHYCHE/MATH

  
HOD

Professor & Head of the Department  
Computer Science Engineering  
Sapthagiri College of Engineering  
Bangalore-57

  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesarghatta Road,  
Bangalore-560 057





**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  
**SAPTHAGIRI COLLEGE OF ENGINEERING**  
 #14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru- 560 057

**ACADEMIC YEAR 2016-2017**

**Five days FDP on "Deep Learning" on 20<sup>th</sup> June 2016 to 24<sup>th</sup> June 2016**

**Programme schedule:**

DATE/DAY	TIME	EVENT,SPEAKER & TOPIC COVERED	VENUE
20/06/2016 MONDAY	9:00 AM-10:00 AM	Registration	Academic Block Entrance ALH-006
	10:00 AM -10:40 am	Inaugural Function	
	10:40 am -11 :00 am	Tea Break	
	11:00 am -1:00 pm	Lecture-1: Prof. Roopa Banakar • Introduction to deep learning	ALH-113
	1:00 pm- 2:00pm	Lunch Break	
	2:00pm -4:00 pm	Lecture-2: Prof. Roopa Banakar • Introduction to deep learning	ALH-113
21/06/2016 TUESDAY	9:00 AM-10:40 AM	Lecture-3: Prof. Suriya Prakash • Neural Networks Basics	ALH-113
	10:40 am -11 :00 am	Tea Break	
	11:00 am -1:00 pm	Lecture-4: Prof. Suriya Prakash • Shallow Neural Networks	ALH-113
	1:00 pm- 2:00pm	Lunch Break	
	2:00pm -4:00 pm	Lecture-5: Hands-on session	ALH-113
	9:00 AM-10:40 AM	Lecture-6: Prof. Sushmitha. J • Deep Neural Networks	ALH-113
22/06/2016 WEDNESDAY	10:40 am -11 :00 am	Tea Break	
	11:00 am -1:00 pm	Lecture-7: Prof. Sushmitha. J • Practical aspects of Deep Learning	ALH-113
	1:00 pm- 2:00pm	Lunch Break	
	2:00pm -4:00 pm	Lecture-8: Hands on session	ALH-113
	9:00 AM-10:40 AM	Lecture-9: Prof. Suriya Prakash • Optimization Algorithms	ALH-113
	10:40 am -11 :00 am	Tea Break	
23/06/2016 THURSDAY	11:00 am -1:00 pm	Lecture-9: Prof. Sushmitha. J • Hyper- Parameter Tuning	ALH-113
	1:00 pm- 2:00pm	Lunch Break	
	2:00pm -4:00 pm	Lecture-10: Hands on session	ALH-113
	9:00 AM-10:40 AM	Lecture-11: Prof. Suriya Prakash • Batch Normalization and Programming Frameworks	ALH-113
	10:40 am -11 :00 am	Tea Break	
	11:00 am -1:00 pm	Lecture-12: Prof. Roopa Banakar • Batch Normalization and Programming Frameworks	ALH-113
24/06/2016 FRIDAY	1:00 pm- 2:00pm	Lunch Break	
	2:00pm -4:00 pm	Valedictory Function	ALH-006

Principal  
 Sapthagiri College of Engineering  
 Chikkasandra, Hesaraghatta  
 Bengaluru- 560 057



### Registration Details

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

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

Qualification: \_\_\_\_\_

Experience (In Years) Teaching: \_\_\_\_\_

Industry: \_\_\_\_\_

Address for communication: \_\_\_\_\_

Phone Office: \_\_\_\_\_

Mobile: \_\_\_\_\_

E mail: \_\_\_\_\_

*Signature of Participant*

*Signature of the Head of the  
Organization/Department/Institute with Seal*

#### Chief Patrons:

Sri Dayanand G.  
Chairman  
Sri Srinivasa Educational & Charitable Trust

Sri G D Manoj  
Executive Director  
Sri Srinivasa Educational & Charitable Trust

#### Patrons:

Dr. Srinivasan N. Director, SCE  
Dr. M. Aswatha Kumar Principal, SCE

#### Organizing Chair:

Dr. C M Prashanth  
Professor & Head

#### Co-ordinator:

Prof. A Latha  
Assistant Professor

Prof. Kavitha G  
Assistant Professor



**SAPTHAGIRI COLLEGE OF  
ENGINEERING**  
*Five days Faculty Development*

*Programme on*

**“Deep Learning”**

20<sup>th</sup> June to 24<sup>th</sup> June 2016



Organized by:

Department of Computer Science & Engineering  
**SAPTHAGIRI COLLEGE OF ENGINEERING**

Recognized by AICTE, New Delhi & Affiliated to VTU, Belgaum

#14/5, Chikkasandra, Hesarghatta Main Road  
Bangalore-560057. Phone No. 080-28372801/221  
Fax: 28372797. [www.sapthagiri.edu.in](http://www.sapthagiri.edu.in)

  
**Principal**

**Sapthagiri College of Engineering**  
Chikkasandra, Hesarghatta Road,  
Bangalore- 560 057



# SAPTHAGIRI COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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

FIVE days FDP on "Deep Learning "from 20/6/2016 to 24/06/2016

## ATTENDANCE REPORT

SL. No.	Name	Day 1 20/06/2016 MONDAY		Day 2 21/06/2016 TUESDAY		Day 3 22/06/2016 WEDNESDAY		Day 4 23/06/2016 THURSDAY		Day 5 24/06/2016 FRIDAY	
		FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	Dr.C.M.Prashanth	CP	CP	CP	CP	CP	CP	CP	CP	CP	CP
2	Mrs.KamalakshiNaganna	ka	ka	ka	ka	ka	ka	ka	ka	ka	ka
3	Mr. Rajeev Bilagi	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
5	Mrs.Chaithra	ch	ch	ch	ch	ch	ch	ch	ch	ch	ch
6	Mrs.Ancy Thomas	Ans	Ans	Ans	Ans			Ans		Ans	Ans
7	Mrs.Ragini Krishna	P	P	AB	P	AB	P	P	P	P	P
8	Mrs.Latha.A	LA	LA	LA	LA	LA	LA	LA	LA	LA	LA
9	Mrs.Roopabakar	BR	BR	BR	BR	BR	BR	BR	BR	BR	BR
10	Mrs.Poorinima.G J	GP	GP	GP	GP	GP	GP	GP	GP	GP	GP
11	Mrs.Sushmitha.J	S	S	S	S	S	S	S	S	S	S
12	Mrs.Madhushree	M	M	M	M	M	M	M	M	M	M
13	Ms.Veena K R	ve	ve	ve	ve	ve	ve	ve	ve	ve	ve

# SAPTHAGIRI COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

#14/5, Chikkasandra, Hesarachatta Main Road, Bengaluru 560 057

14	MrsAnuradhaBadage	<i>mm</i>	<i>mm</i>	<i>mm</i>	<i>mm</i>	<i>mm</i>	<i>mm</i>	<i>mm</i>	<i>mm</i>	<i>mm</i>	<i>mm</i>
15	MrsKavitha G	<i>th</i>	<i>th</i>	<i>th</i>	<i>th</i>	<i>th</i>	<i>th</i>	<i>th</i>	<i>th</i>	<i>th</i>	<i>th</i>
16	Mr.Anoop N Prasad	<i>ap</i>	<i>ap</i>	<i>ap</i>	<i>ap</i>	<i>ap</i>	<i>ap</i>	<i>ap</i>	<i>ap</i>	<i>ap</i>	<i>ap</i>
17	Mr.Chethan M	<i>ch</i>	<i>ch</i>	<i>ch</i>	<i>ch</i>	<i>ch</i>	<i>ch</i>	<i>ch</i>	<i>ch</i>	<i>ch</i>	<i>ch</i>
18	MrsAkshatha B R	<i>Ab</i>	<i>Ab</i>	<i>Ab</i>	<i>Ab</i>	<i>Ab</i>				<i>Ab</i>	<i>Ab</i>
19	MrsAkshatha G C	<i>th</i>	<i>th</i>	<i>th</i>	<i>th</i>	<i>th</i>	<i>th</i>	<i>th</i>	<i>th</i>	<i>th</i>	<i>th</i>
20	Mr.Suriya Prakash J	<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>
21	MrsShruthi N	<i>sh</i>	<i>sh</i>	<i>sh</i>	<i>sh</i>	<i>sh</i>	<i>sh</i>	<i>sh</i>	<i>sh</i>	<i>sh</i>	<i>sh</i>
22	MrsVidya J	<i>th</i>	<i>th</i>	<i>th</i>	<i>th</i>	<i>th</i>	<i>th</i>	<i>th</i>	<i>th</i>	<i>th</i>	<i>th</i>
23	Ms.Kavya N L	<i>ky</i>	<i>ky</i>	<i>ky</i>	<i>ky</i>	<i>ky</i>	<i>ky</i>	<i>ky</i>	<i>ky</i>	<i>ky</i>	<i>ky</i>



## **Report On Five days FDP on “Deep Learning”**

This FDP will elevates overall knowledge of the Deep Learning concepts to the teaching community by giving them in depth understanding of most popular Deep Learning Architecture such as Deep Neural Networks, Deep Belief Networks, Recurrent Neural Networks and hands on expertise.

The technical session was very helpful in enhancing the technical knowledge amongst the faculty members. Overall the faculties felt that the session was very Informative and gain Knowledge about the Deep Learning and its applications. The session ended with Feedback session and Valedictory function



Participant's Feedback



Interactive session

  
Convener

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

  
Chairman



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING  
SAPTHAGIRI COLLEGE OF ENGINEERING**

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi.)  
#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru- 560 057.

**ACADEMIC YEAR 2015-2016**



Session Pre Discussion



Last Day Valedictory Photo Session

  
Convener

  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road,  
B: 560 057

  
Chairman



**SAPTHAGIRI COLLEGE OF ENGINEERING**  
#14/5, HESARAGHATTA MAIN ROAD, BENGALURU - 560057

*Certificate of Participation*

This is to certify that

Mr./Ms. Prof. Shobha. Chandra. K.  
Successfully participated in the Faculty Development Program on "Deep Learning" from 20/06/2016 to 24/06/2016 organized by Department of Computer Science & Engineering, Sapthagiri College of Engineering, Bengaluru-560057.

  
HOD

Professor & Head of the Dept.  
of Computer Science Engineering

  
Principal

Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road,  
Bangalore-560057

  
PRINCIPAL  
Principal

Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road,  
Bangalore-560057




CIRCULAR

04/06/2016

Non-Teaching Staffs are hereby informed that Information Science and Engineering Department is conducting a staff development program on 6<sup>th</sup> June 2016 at 10.30AM in the Seminar Hall on Effects of Narcotic Drugs. All the non teaching staffs are hereby informed to attend the program.

  
HOD ISE

Department of  
Information Science & Engg.  
Sapthagiri College of Engineering  
#14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

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

**Schedule**

**Date: 06/06/2016**

Time	Topics
10:30 am To 12:00 pm	Seminar on Effects of Narcotic Drugs.



HOD  
Dept. of ISE



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

Department of  
Information Science & Engg.  
Sapthagiri College of Engineering  
45, Chikkasandra, Hesaraghatta Main Road  
BANGALORE - 560 057



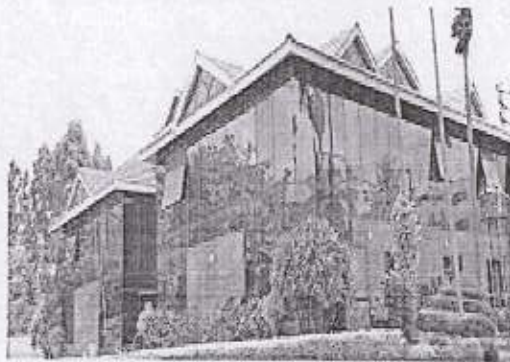


**Seminar for Non teaching faculties  
On**

**“Effects of Narcotic Drugs”**

**On 06/06/2016**

**Organized by  
Department of  
Information Science and  
Engineering**



**Sapthagiri College of Engineering**  
#14/5, Chikkasandra, Hesaraghatta Main Road,  
Bengaluru 560057  
Phone: 080-28372800/01/02/03

**Principal**  
**Sapthagiri College of Engineering**  
Chikkasandra, Hesaraghatta Road,  
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, Karanataka. 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. The college has secured 22 University ranks and 4 Gold medals.

### 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 Information Science and Engineering Department had its beginning in the year 2001 with an intake of 120 students, and 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 will be striving in the progressive path to achieve

excellence in academics and research activities. Apart from the qualified faculty and staff, the Department has state-of-the-art laboratories and latest software's.

### About the FDP:

The objective is to create the awareness on bad effects of alcohol and drugs to the society.

### Resource Persons:

**Prof Prerana Chaithra**  
Associate Professor  
Dept of ISE  
Sapthagiri College Of Engineering

### Address for Communication/Registration

**Prof. Gayatri R**  
Assistant Professor, CSE  
Ph: 8147290734

**Prof.Ramya R.**  
Asistant Professor  
Ph: 8884816537

### Email-id for registration:

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



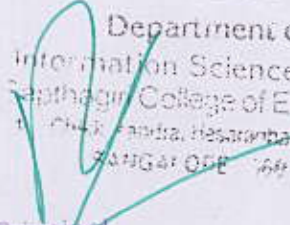
Seminar on "Awareness on Narcotic drugs" Attendance

Date: 6.6.2016

Sl No.	Name	Sign
1	Mr. ESHAB	[Signature]
2	Mr. K. K. K. K.	[Signature]
3	KAMALA	[Signature]
4	Shagun	[Signature]
5	Mangalabangi	[Signature]
6	Umaparvate	[Signature]
7	Veeragouda	[Signature]
8	Nagendra	[Signature]
9	K. K. K. K.	[Signature]
10	Giddagangotri	[Signature]
11	Ashwini. B	[Signature]
12	Nagesh	[Signature]
13	[Signature]	[Signature]
14	Pragathi	[Signature]
15	Praveethamma	[Signature]
16	Archana	[Signature]
17		

  
**HOD**

Department of  
Information Science & Engg  
Sapthagiri College of Engineering  
#14/5, Chikkasandra, Hesaraghatta Main Road  
BANGALORE - 560 057

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

### **Report on Effects of Narcotic Drugs**


No of participants=16

Sapthagiri College of Engineering conducted a seminar on Effects of Narcotic Drugs for non teaching staff members by Prof Prerana Chaithra HOD Department of ISE on 6.6.2016 in the seminar hall to create the awareness in Effects of Narcotic Drugs. Speaker clearly explained the bad effects of the drugs and alcohol in the society. All the Non teaching faculties actively participated in the seminar.



Prof Prerana Chaithra talks on Effects of Narcotic Drugs

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

  
Coordinator






# Sapthagiri College of Engineering

Bangalore-560057

## Certificate

This is to certify that Mr. /Ms. PRAKATHI  
Of SAPTHAGIRI COLLEGE OF ENGINEERING has participated  
in the seminar on "*Effects of Narcotic Drugs*" on 6<sup>th</sup> June 2016  
organized by the Department of Information Science & Engineering,  
Sapthagiri College of Engineering.

  
HOD, Dept of ISE

  
Principal  
Sapthagiri College of Engineering  
Chikkasani, Hesaraghatta Road,  
Bangalore-560057

  
Principal





## Sapthagiri College of Engineering

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

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Phone: 080-28372800/1/2

www.sapthagiri.edu.in

Fax: 080-28372797

### Internal Quality Assurance Cell

Date: 16/03/2016

To,

The Principal

Sapthagiri College of Engineering

Bangalore-560057

From,

IQAC Coordinator

Sapthagiri College of Engineering

Bangalore-560057

Respected sir,

SUBJECT: Requisition for permission to conduct three days Workshop on  
"Awareness of Accreditation Process"

IQAC is planning to conduct a workshop titled "awareness of Accreditation process" from 01/04/2016 to 03/04/2016 for the faculties of our institute to enhance the knowledge on Accreditation Process. So in this regard we request you to permit for the workshop conduction.

Thanking you sir

Principal

Sapthagiri College of Engineering

Chikkasandra, Hesaraghatta Road,

Bangalore- 560 057

IQAC Coordinator

# **INVITATION**

*Cordially invite you for*

*Threedays Workshop on*

**"Awareness of Accreditation Process"**

**1-3<sup>rd</sup> April, 2016**

**Resource person**

**Dr. Sripad Markande**

**Dean Academics of Alliance University**

**Bangalore.**

**Venue: Seminar hall    Time :9:00 AM**

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

  
**IQAC Co-ordinator**





## Sapthagiri College of Engineering

(Affiliated to Visvesvaraya Technological University Belagavi & Approved by AICTE, New Delhi)  
#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560057

Phone: 080-28372800/1/2

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Fax: 080-28372797

### Internal Quality Assurance Cell

Circular

Date: 29/3/2016

Three days workshop on "Awareness of accreditation process is organized from 01-04-2016 to 03-04-2016 for the faculties of all the departments, so all the faculties are requested to attend the workshop.

  
Coordinator

  
Chairman

CC:

1. The Principal, for Kind information
2. To All HODs
3. Notice Boards
4. IQAC file

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

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





**SAPTHAGIRI COLLEGE OF ENGINEERING**

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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

Academic Year: 2015- 2016


*Three days workshop on "Awareness of Accreditation Process "*

**from**

**April 1st-3<sup>rd</sup>, 2016**

Program schedule:

DATE/DAY	TIME	EVENT,SPEAKER & TOPIC COVERED	VENUE
01/04/2016, MONDAY	9:00 AM-10:00 AM	Registration	Academic Block Entrance
	10:00 AM -10:40 am	Inaugural Function	Seminar Hall
	10:40 am -11 :00 am	Tea Break	Seminar Hall
	11:00 am -1:00 pm	<b>Lecture-1:</b> <ul style="list-style-type: none"><li>• Introduction</li></ul>	Seminar Hall
	1:00 pm- 2:00pm	Lunch Break	Seminar Hall
	2:00pm -4:00 pm	<b>Lecture-2:</b> <ul style="list-style-type: none"><li>• Why accreditation</li><li>• Importance of accreditation process</li></ul>	Seminar Hall
02/04/2016, TUESDAY	9:00 AM-10:40 AM	<b>Lecture-3:</b> <ul style="list-style-type: none"><li>• Self-assessment</li></ul>	Seminar Hall

  
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Bangalore- 560 057



		• evaluation	
	10:40 am -11 :00 am	Tea Break	
	11:00 am -1:00 pm	<b>Lecture-5:</b> • standard • accreditation process	Seminar Hall Seminar Hall
	1:00 pm- 2:00pm	Lunch Break	
	2:00pm -4:00 pm	<b>Lecture 6</b>  • benefits of accreditation	Seminar Hall Seminar Hall
03/09/2016, WEDNESDAY	9:00 AM-10:40 AM	<b>Lecture-7:</b> • Optimization • Model based Optimization	Seminar Hall
	10:40 am -11 :00 am	Tea Break	
	11:00 am -1:00 pm	<b>Lecture-8:</b> • Current scope in on-line optimization	Seminar Hall Seminar Hall
	1:00 pm- 2:00pm	Lunch Break	
	2:00pm -4:00 pm	<b>Certificate Distribution</b>	Seminar Hall Seminar Hall

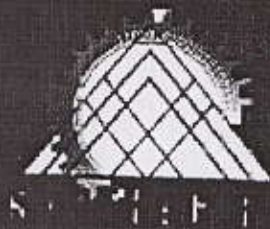
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road,  
Bangalore- 560 067

*Sau*  
IQAC Co-ordinator



# SAPTHAGIRI COLLEGE OF ENGINEERING

## 3 DAYS WORKSHOP ON



## AWARENESS OF ACCREDITATION PROCESS

COORDINATOR  
DR. KRISHNA

The objective of this workshop is to create awareness of accreditation process along with the importance of outcomes based on education system. Process of accreditation along with phases.

080  
28372 800  
/1/2



01-03 APRIL  
2016



FARADAY  
BLOCK

### CHIEF GUEST

**SRI. SRIPAD MARKANDE,**  
(DEAN OF ACADEMICS, ALLIANCE UNIVERSITY, BENGALURU)

### 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,  
Bengaluru)

**SRI. G D MANOJ**

(Executive Director, Sri. Srinivasa  
Educational & Charitable trust,  
Sapthagiri group of institutions,  
Bengaluru)

**DR ASHWATH KUMAR**

(Principal, Sapthagiri College of  
Engineering, Bengaluru)



Attendance Report of Awareness of Accreditation Process  
From 1/4/2016 to 3/4/2016

Sl	Name of the faculty						
1	Prashanth	Present	Present	Present	Present	Present	Present
2	Shobhas	Present	Present	Present	Present	Present	Present
3	Nandini R	Present	Present	Present	Present	Present	Present
4	Ranya M	Present	Present	Present	Present	Present	Present
5	Thansik	Present	Present	Present	Present	Present	Present
6	Divya N	Present	Present	Present	Present	Present	Present
7	Charlin	Present	Present	Present	Present	Present	Present
8	Bhargya N.P	Present	Present	Present	Present	Present	Present
9	Ashwini	Present	Present	Present	Present	Present	Present
10	Ragini Krishna	Ragini	Ragini	Ragini	Ragini	Ragini	Ragini
11	Paride	Present	Present	Present	Present	Present	Present
12	Aneel	Present	Present	Present	Present	Present	Present
13	Roopu R	Present	Present	Present	Present	Present	Present
14	Swig Patel	Present	Present	Present	Present	Present	Present
15	Indira N	Present	Present	Present	Present	Present	Present
16	Yousuf N	Present	Present	Present	Present	Present	Present
17	Prathibha	Present	Present	Present	Present	Present	Present
18	Ashwini	Present	Present	Present	Present	Present	Present
19	Shalini	Present	Present	Present	Present	Present	Present
20	A-Dhanu Lakshmi	Present	Present	Present	Present	Present	Present
21	S.N. Petha	Present	Present	Present	Present	Present	Present
22	Shivraj A	Present	Present	Present	Present	Present	Present
23	Ankur	Present	Present	Present	Present	Present	Present
24	Hemant	Present	Present	Present	Present	Present	Present
25	Anil Kumar	Present	Present	Present	Present	Present	Present
26	Sanjay H	Present	Present	Present	Present	Present	Present
27	Sanjay H	Present	Present	Present	Present	Present	Present
28	Devaraj C	Present	Present	Present	Present	Present	Present
29	Lata A	Present	Present	Present	Present	Present	Present
30	Mahesh	Present	Present	Present	Present	Present	Present
31	Gravendri	Present	Present	Present	Present	Present	Present
32	Nandini	Present	Present	Present	Present	Present	Present
33	Dr. Kishore	Present	Present	Present	Present	Present	Present
34	Roopu N.P	Present	Present	Present	Present	Present	Present

Principal



**SAPTHAGIRI COLLEGE OF ENGINEERING**  
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**Attendance Report of Awareness of Accreditation Process**  
From 1/4/2016 to 3/4/2016

38.	Ramesh NG	(R)	(R)	(R)	(R)	(R)	(R)
39.	Poornima SV	PM	PM	PM	PM	PM	PM
40.	Natasha M	NHN	NHN	NHN	NHN	NHN	NHN
41.	Madhavi	M	M	M	M	M	M
42.	Mphakshi	MPH	MPH	MPH	MPH	MPH	MPH
43.	Padma	P	P	P	P	P	P
44.	Karthi N.C	K	K	K	K	K	K
45.	Rajesh	R	R	R	R	R	R
46.	Chithra B	CBP	CBP	CBP	CBP	CBP	CBP
47.	Dr. Roopa KP	R	R	R	R	R	R
48.	Salishy D	S	S	S	S	S	S
49.	Veena S	V	V	V	V	V	V
50.	Shobha	S	S	S	S	S	S
51.	Ramkumar	RM	RM	RM	RM	RM	RM
52.	Krupa	K	K	K	K	K	K
53.	Shivraj	S	S	S	S	S	S
54.	Mohan D	MDE	MDE	MDE	MDE	MDE	MDE
55.	Divyashree	D	D	D	D	D	D
56.	Maharishan	M	M	M	M	M	M
57.	TULSIPAS	T	T	T	T	T	T
58.	Preetha	P	P	P	P	P	P
59.	Muralikrishna	M	M	M	M	M	M
60.	Anurag	A	A	A	A	A	A
61.	Dr. R. G. Dhanraj	RGD	RGD	RGD	RGD	RGD	RGD

Principal

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Phone: 080-28 372800/1/2 Fax: 080-28 372797

Academic Year: 2015- 2016

# Workshop Report

On

## “Awareness of Accreditation Process”

April 1<sup>st</sup> -3<sup>rd</sup>, 2016

The workshop was inaugurated by Dr. SripadMarkande, Dean, Academics of Alliance University Bengaluru and was followed by keynote delivery regarding the importance to know about research and project proposal.

### SUMMARY:

The speaker explained about awareness of accreditation process along with the importance of outcome based education system. Process of accreditation along with phases

The program was conducted to get importance of the accreditation process to various department faculty attended the faculty development program from all the department from April 1<sup>st</sup> 2016 to April 3<sup>rd</sup> 2016 sapthagiri college of engineering. while designing the structure of programme it was kept in mind that all the faculties should aware of importance of accreditation process. Objectives:

The speaker discussed the importance of accreditation process. Along with the cycles.

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Bangalore- 560 057





Principal

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Phone: 080-28 372800/1/2


Fax: 080-28 372797

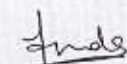
ACADEMIC YEAR 2015-2016

Date: 08/01/2016

## CIRCULAR

Department of Electronics and Communication Engineering is conducting one day faculty development program on "Optical fiber transmission system in industry" for the technical developments of the faculty on 12<sup>th</sup> January 2016. All the faculty can register names with Prof. Prathiba.P

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

  
HOD  
Head of the Department  
Electronics & Communication  
Sapthagiri College of Engineering  
Department of ECE  
Bangalore- 560 057



## SAPTHAGIRI COLLEGE OF ENGINEERING

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Phone: 080-28 372800/1/2

Fax: 080-28 372797

**ACADEMIC YEAR 2015-2016**

Program schedule:

**Date 12-01-2016**

Detailed Syllabus & Schedule

Time	Topics
11 am To 12 am	Concepts of optical fibre communication .
Tea Break	
12:15 pm To 12:30 pm	Industries and Researches in this field.
12:30 pm To 1:30 pm	Opportunities in this field and questionnaire

Head of the Department  
Electronics & Communication  
Sapthagiri College of Engineering  
Bangalore - 560 057.

Principal  
Sapthagiri College of Engineering  
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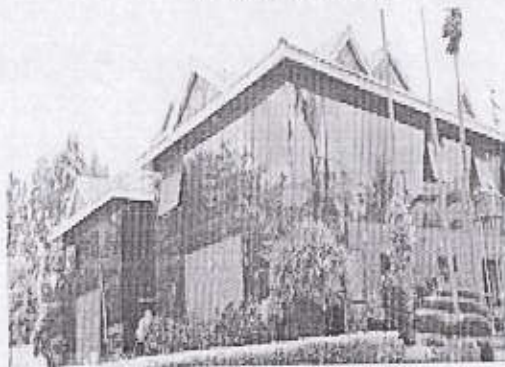




One Day FDP  
on

"Optical fiber transmission system"  
12<sup>th</sup> January 2016

Organized by  
Department of  
Electronics & Communication  
Engineering



Sapthagiri College of  
Engineering

#14/5, Chikkasandra, Hesaraghatta  
Main Road, Bengaluru 560057

Phone: 080-28372800/01/02/03

### 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 2001. 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. The college has secured 22 University ranks and 4 Gold medals.

### 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 Department of Electronics and Communication Engineering (ECE), one of the evergreen and core departments in the Institution was established in the year 2001, is affiliated to Visvesvaraya Technological University (VTU), Belagavi and approved by All India Council for Technical Education (AICTE). The Department offers full-time UG programme in Electronics & Communication Engineering with an intake of 120, PG Programme in VLSI Design and Embedded systems with an intake of 24 and has a research center offering Ph.D/M.Sc (Engg.) in Electronics and Communication Engineering recognized by VTU, Belagavi.

### About the Faculty Development Programme:

Its objectives are

- To enhance the Professional skill in the faculty in the field of materials processing.
- To develop the research culture and motivate the faculty to involve in research.

### Topics Covered

- Concepts of optical fiber transmission systems.
- Industries and Research.
- Opportunities

### Resource Persons:

Dr. Rajappa Pappannna Reddy  
PRLightCOM Broadband Solution Pvt. Ltd  
Marathahalli outer ring road  
Bangalore 560037

### Address for Registration/Communication

**Prof.Prathiba P: 9448914448**

  
Principal

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Chikkasandra, Hesaraghatta Road,  
Bangalore- 560 057

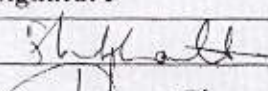
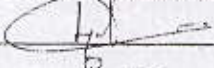


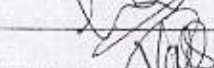
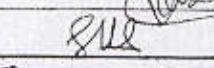
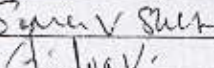
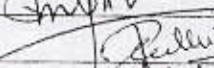

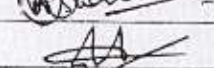








SAPTHAGIRI COLLEGE OF ENGINEERING, BENGALURU.

DEPARTMENT OF ECE

Attendance

Date 12/01/2016

S.No	Name of the Faculty	Signature
1	Shobha Hugar	
2	P. Ananya	
3	Shobha S	
4	Sucha M.S	
5	Vani A	
6	Prasanna P	
7	Varshini K	
8	Sanjeela Siri	
9	Suma V Shetty	
10	SHILPA V.	
11	Preethi T S	
12	Karthick N.C	
13	Ravi Shankar M. N	
14	Vani V	
15	Sethish Murthy	
16	Sasmita M	



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Sapthagiri College of Engineering  
- Chikkasandra, Hesaraghatta Road,  
Chikkasandra, Hesaraghatta Road,  
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Index

Head of the Department  
Electronics & Communication  
Sapthagiri College of Engineering  
Bangalore-560 057



**SAPTHAGIRI COLLEGE OF ENGINEERING**  
Department of Electronics and Communication Engineering

Report on FDP

Topic: Optical Fiber transmission systems

Date: 11.01.2018

Time: 11:00am to 01:30pm

Speaker: Dr. Rajappa Papannareddy

PRLightCOM Broadband Solutions Pvt. Ltd

Marathiahalli Outer Ring Road

Bangalore-560037

**Guest Profile:**

Rajappa Papannareddy received his Ph.D. Degree in electrical engineering from Southern Methodist University in 1987, MSEE from the University of Maryland in 1983, and B.E. (Electronics) from Bangalore University in 1975. He has published several journal papers and presented many papers & invited talks at several IEEE & ASEE conferences during his tenure at Purdue University (Indiana, U.S.A). In addition, he has published two textbooks in the area of optical fiber communication systems. He has been a visiting professor with the JISC photonics group and his previous work experience includes a lecturer position at R.V. College of Engineering, Senior Engineer at ISRO Satellite Centre, Staff Engineer at ARRIS corporation (Atlanta, U.S.A) and a Principal Engineer at CIENA corporation (Maryland, U.S.A). He is currently a Professor (Emeritus) of Electrical Engineering of Purdue University and is a founder and managing director of PRLightCOM Broadband Solutions Pvt. Ltd. ([www.prlbroadband.in](http://www.prlbroadband.in)) in Bangalore.

**Summary of the FDP:**

During the last few decades, optical fiber transmission systems have evolved from a low speed (Mbps) to ultra-high speed data links in the range of 100 to 400 Gbps. The FDP emphasized on the recent advances of optical fiber transmission systems and systems.

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**Electronics & Communication**  
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560057



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## Certificate

***This is to Certify that Mr./Mrs. Vani.A of has participated and successfully completed one day Workshop on "optical fiber transmission systems" from 12<sup>th</sup> January 2016 organized by the Electronics and communication Engineering Department, Sapthagiri College of Engineering.***

**HOD**

**Dept. of ECE**

**Principal**

**Sapthagiri College of Engineering**  
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Bangalore- 560 057


**Principal**



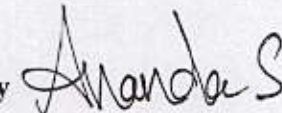
**Date: 22/12 /2015**

**Meeting Circular**

A meeting is schedule on 22/12/2015 at 3:30 AM in Department of Physics. This meeting will be a discussion regarding conduction of FDP.

  
**HOD**  
**Dr. Jagadeesha Gowda.G.V**  
Msc, BEd, MPhil, PhD  
**Dept of Physics**  
Professor & Head  
Department of Physics  
Sapthagiri College of Engineering  
Bengaluru-560 057.  
Copy To,

1. HOD of Biotechnology



2. HOD of Chemistry







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



### Circular

Faculty are here by informed to attend five days faculty development programme titled as Nanophysics from 5-1-2016 to 09-01-2016. All the Faculty register their names with Faculty Coordinator Prof. Gnanendra D.S, Department of Physics.

  
HOD of Physics  
Dr. Jagadeesha Gowda.G.V  
Msc, BEd, MPhil, PhD  
Professor & Head  
Department of Physics  
Sapthagiri College of Engineering  
Bengaluru-560 057.  
Copy To

1. HOD of Department of Biotechnology 
2. HOD of Chemistry 

  
Principal  
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## Department of Biotechnology and Department of Basic Science


### Five days Faculty Development Programme

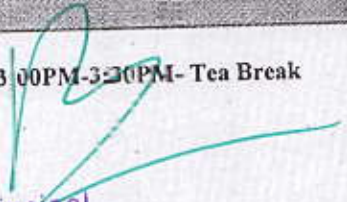
### "Nanophysics" (5-1-2016 to 9-1-2016)

### SCHEDULE

Time Date/Day	9:00AM- 0:30PM	11:00AM-12:30PM	1:30-3:00PM	3:30-4:30PM
5-1-2016 Tuesday	FDP Inaugural Function	Nanomaterials Dr Chandrashekar Naik, Professor, Dept of Biotechnology, Sir MVIT,Bangalore	Green synthesis of Nano particles Dr. Farhan Zameer School of Basic & Applied Sciences, DSU, Bangalore	Surface plasma resonance and its application in characterization of nanomaterials. Dr. Ramesh Hegde, Professor & Head, AIT,Bangalore
6-1-2016 Wednesday	Micro Nano-medical Device Dr Nagahannaiah, Director, CMIT		Dynamic Light Scattering in Nanotechnology Dr Dinesh Rangappa, Professor, Dept of Nanotechnology	Nanosensors as diagnostics Dr. Mahesh Professor,AIT Bangalore-
7-1-2016 Thursday	Lab Session: Synthesis of Nanoparticle by Chemical Method by Mrs. Shobha			
8-1-2016 Friday	Toxicity of nanoparticles Dr. K S Ananthrao Professor,DSCE, Bangalore	Microfluidics Dr Ravi K N Professor, Department of EEE, SCE	Nanolithography Dr. Shashidhara, Professor, JSSIT, Bangalore	Bionanotechnology  Dr. Kumudini Belur Satyan, Assoc. Professor, SBMJC,Bangalore
9-1-2016 Saturday	Bionanohybrids Dr Chandrashekar Professor Department of Biotechnology, SIET, Tumkur	Biomems Dr. Govindappa, DSCE, Bangalore		Valedictory Function

#10:30AM-11:00AM - Tea Break, 12:30PM-1:30PM-Lunch Break, 3:00PM-3:30PM- Tea Break

  
**Dr. Jagadeesha Gowda, G.V**  
MSc, BEd, MPhil, PhD  
Professor & Head  
Department of Physics  
Sapthagiri College of Engineering  
Bangaluru-560 057.

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



Registration Form  
*Faculty Development  
Programme*

***Nanophysics***  
5-1-2016 to 9-01-2016  
Tuesday-Saturday

*Participant Details*

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

Dept : \_\_\_\_\_

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

Mobile : \_\_\_\_\_

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

Signature of the Participant

*PATRONS*

Sri. G Dayanand  
Chairman, SCE

Sri. G D Manoj  
Executive Director, SCE

Dr. Puttamadappa C  
Principal, SCE

*ORGANISERS*

Dr. Jagadeesh Gowda  
HOD, Physics

Dr. Ananda S  
HOD, BT

Dr. Krishna B S  
HOD, Chemistry

*Co-ordinators*

Prof. Gnanendra D S  
AP, Dept of Phy

Prof. Prashanth Kumar H P  
AP, Dept of BT

Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Heeraghatta Main Road  
Bengaluru - 560 057

SAPTHAGIRI COLLEGE OF  
ENGINEERING

Affiliated to VTU, Belagavi



*Five Day Faculty  
Development Programme*  
on



5-1-2016 to 9-01-2016

Tuesday-Saturday

DEPARTMENT OF BIO-TECHNOLOGY  
AND  
DEPARTMENT OF BASIC SCIENCES



## Report

### NANOPHYSCIS

The overall goal of this Faculty Development Program (FDP) was to assist teachers in assessing the potential benefits of nanomaterials, quantify some of the potential improvements and provide a way forward for their translation from academic research topic to validated materials. Compared to traditional materials, nanomaterial promise an unfrequented degree of control of the material's structure, enabling improved performances, or the development of new breakthrough materials. While great progress has been made on engineering nanostructured materials, the degree of control that nanotechnology promises is not yet fully realized. This FDP programme summarized the aspects relating to the methods of synthesizing, analyzing and applicability in human life. This FDP intended to orient participants towards developing their own ideas with due attention to Nano-world.

#### Objectives

Nanomaterials exhibit some outstanding functional characteristics based on a large surface-to-volume ratio and on quantum confinement effects. These new properties represent an opportunity for all sectors, particularly for engineering and technological applications because they address some important design constraints. Therefore, the major objectives kept in mind while framing this Faculty Development Programme were as follows:

- To understand what Nanotechnology is?
- To understand about Nano composite for structural applications.
- To understand about advanced nano-coatings.
- To understand the use of nanomaterials in human day to day life.
- Funds required and sources of funds for execution of projects.

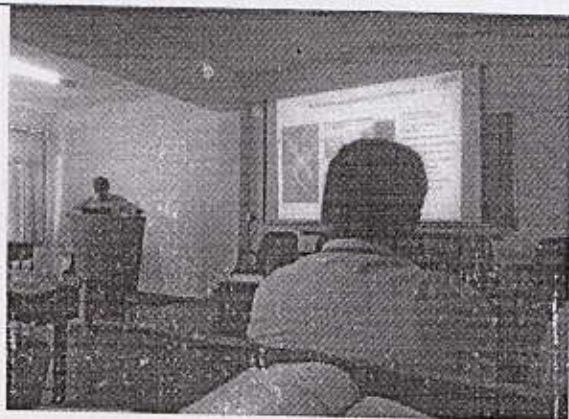
The programme was attended by around 30 participants from Sapthagiri College of Engineering from 5-1-2016 to 9-1-2016. Attendees included both technical and basic science staff from varied background. While designing the structure of the programme it was kept in mind that there are going to be people from different background that's why emphasis was given on Nanophysics as a whole not pertaining to one single field so that maximum can be benefitted out of it.



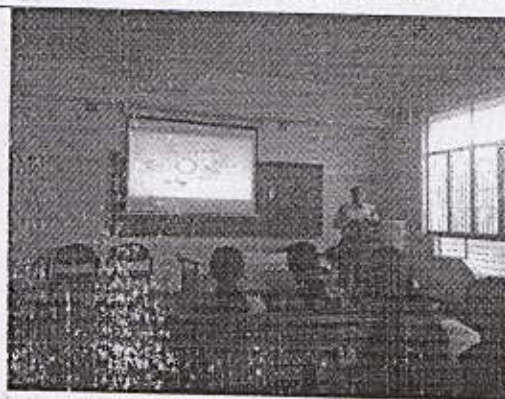
## Report

### NANOPHYSCIS

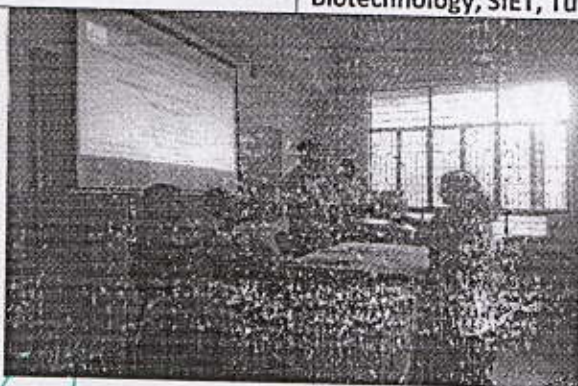
The speakers explained what Nanotechnology was all about? They connected things starting from the bulk material to Nano size materials. They described how the Nanotechnology has potential applications in many sectors of the world, including consumer products, health care, transportation, energy and agriculture. In addition, nanotechnology presents new opportunities to improve how we measure, monitor, manage, and minimize contaminants in the environment. Nanotechnology emerged as a growing and rapidly changing field. New generations of nanomaterials will evolve, and with them new and possibly unforeseen environmental issues. It will be crucial that the college's approaches to leveraging the benefits and assessing the impacts of nanomaterials continue to evolve in parallel with the expansion of and advances in these new technologies. They were made the sessions interactive and based on various examples for better understanding of the Nanophysics. Last but not the least when the houses were open for questions the staff were keen to ask and with the same level of enthusiasm they were justifiably answered by professors.



Dr Nagahanumalah, Director, CMTI -Micro Nano Biomedical Devices



Dr Chandrappa CP, Professor, Department of Biotechnology, SIET, Tumukur



Signature of the Coordinator

Principal

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

Signature of the HOD

Dr.Jagadeesha Gowda.G.V  
Msc, BEd, MPhil, PhD  
Professor & Head  
Department of Physics  
Sapthagiri College of Engineering  
Bengaluru-560 057.





## Sapthagiri College of Engineering

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)  
#14/5, Chikkasandra, Hesarghatta Main Road, Bengaluru - 560057

### ATTENDANCE LIST

Event Name: Nanophysics  
Date: 5-1-2016 to 09-01-2016

Sl. No	Faculty Name	DAY-1		DAY-2		DAY-3		DAY-4		DAY-5	
		MS	AS	MS	AS	MS	AS	MS	AS	MS	AS
1	Prashanth Kumar HP	HP	HP	HP	HP	HP	HP	HP	HP	HP	HP
2	Benny Baby Mathew	Bl	Bl	Bl	Bl	Bl	Bl	Bl	Bl	Bl	Bl
3	Vijay Kiran	NK	NK	NK	NK	NK	NK	NK	NK	NK	NK
4	Dr. Krishnamurthy NB	NK	NK	NK	NK	NK	NK	NK	NK	NK	NK
5	Shobha G	KS	KS	KS	KS	KS	KS	KS	KS	KS	KS
6	Krishnamurthy TP	Ky	Ky	Ky	Ky	Ky	Ky	Ky	Ky	Ky	Ky
7	Sourya.c	SP	SP	SP	SP	SP	SP	SP	SP	SP	SP
8	Vinutha More	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS
9	Sahanya D	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
10	Dr. Rohit R.C.	R	R	R	R	R	R	R	R	R	R

Dr. Jagadeesha Gowda.G.V  
Msc, BEd, MPhil, PhD  
Professor & Head  
Department of Physics  
Sapthagiri College of Engineering  
Bengaluru-560 057.

Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesarghatta Road,  
Bangalore-560 057




**ATTENDANCE LIST**

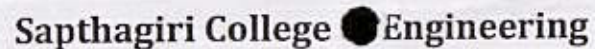
Event Name: Nanophysics  
Date: 5-1-2016 to 09-01-2016

Sl. No	Faculty Name	DAY-1		DAY-2		DAY-3		DAY-4		DAY-5	
		MS	AS	MS	AS	MS	AS	MS	AS	MS	AS
1	Dr. chaitanya Lakshmi	C	C	C	C	C	C	C	C	C	C
2	Doneswjee .M	C	C	C	C	C	C	C	C	C	C
3	Roopa. K.P.	C	C	C	C	C	C	C	C	C	C
4	Ravikanth N	C	C	C	C	C	C	C	C	C	C
5	Rhasath K Devendra	C	C	C	C	C	C	C	C	C	C

  
Dr. Jagadeesha Gowda. G.V  
Msc, BEd, MPhil, PhD  
Professor & Head  
Department of Physics  
Sapthagiri College of Engineering  
Bengaluru-560 057.

  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesarahatta Road,  
Bangalore- 560 057





#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560057

### ATTENDANCE LIST

**Event Name:** Nanophysics

**Date: 5-1-2016 to 09-01-2016**

Dr. Jagadeesha Gowda, G.V  
M.Sc., B.Ed., M.Phil., Ph.D  
Professor & Head  
Department of Physics  
Jain College of Engineering  
Bengaluru-560 057.

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





# SAPTHAGIRI COLLEGE OF ENGINEERING

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#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560057

Department of Biotechnology and Department of Basic Sciences

## Five Days Faculty Development Programme

on

## "Nanophysics"

### Certificate of Participation

This is to certify that Dr/Mr/Ms SOUMYA C of SAPTHAGIRI COLLEGE OF ENGINEERING has attended Five days Faculty Development Program on "Nanophysics" from 5-1-2016 to 09-01-2016 at Sapthagiri College of Engineering, Bengaluru - 560057.

  
Coordinators

  
Convener

  
Principal

Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road,  
Bengaluru - 560057



**SAPTHAGIRI COLLEGE OF ENGINEERING**

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Phone: 080-28 372800/1/2

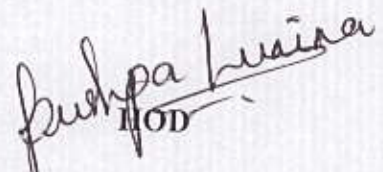
Fax: 080-28 372797

**ACADEMIC YEAR 2015-2016**

Date: 21/07/14

**CIRCULAR**

Faculties are hereby informed that the department is conducting a faculty development programme titled as 'prestressed concrete structure' for five days from 05<sup>th</sup> JAN 2016 to 09<sup>th</sup> JAN 2016. Interested faculties can register their names with Prof. Krupa T. L.

  
MOD  
Dept. of civil

  
Principal  
Sapthagiri College of Engineering  
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Bengaluru - 560 057



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Fax: 080-28 372797

**ACADEMIC YEAR 2015-2016**

**Detailed Syllabus & Schedule**

**DAY 1 - Introduction**

**Date: 5/01/2016**

Time	Topics
08:30 am To 10:15 am	Basic concepts – Advantages – Materials required – Systems and methods of prestressing
<b>Tea Break</b>	
10:30 am To 12:30 pm	Analysis of sections – Stress concept – Strength concept
<b>Lunch Break</b>	
01:30 pm To 03:00 pm	Load balancing concept – Effect of loading on the tensile stresses in tendons – Effect of tendon profile on deflections
<b>Tea Break</b>	
03:15 pm To 04:00 pm	Factors influencing deflections – Calculation of deflections – Short term and long term deflections – Losses of prestress – Estimation of crack width.

**DAY 2 - DESIGN FOR FLEXURE AND SHEAR**

**Date: 6/01/2016**

Time	Topics
08:30 am To 10:15 am	Basic assumptions for calculating flexural stresses – Permissible stresses in steel and concrete as per I.S. 1343 Code
10:30 am To 12:30 pm	Design of sections of Type I and Type II post-tensioned and pre-tensioned beams – Check for strength limit based on I.S. 134 Code
01:30 pm To 03:00 pm	Layout of cables in post-tensioned beams – Location of wires in pre-tensioned beams
03:15 pm To 04:00 pm	Design for shear based on I.S. 1343 Code

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**ACADEMIC YEAR 2015-2016**

**DAY 3 – DEFLECTION AND DESIGN OF ANCHORAGE ZONE**

**Date: 7/01/2016**

Time	Topics
08:30 am To 10:15 am	Factors influencing deflections – Short term deflections of uncracked members – Prediction of long term deflections due to creep and shrinkage
Tea Break	
10:30 am To 12:30 pm	Check for serviceability limit state of deflection. Determination of anchorage zone stresses in post-tensioned beams by Magnel's method
Lunch Break	
01:30 pm To 03:00 pm	Check for serviceability limit state of deflection. Determination of anchorage zone stresses in post-tensioned beams by Guyon's method
Tea Break	
03:15 pm To 04:15 pm	IS1343 code – design of anchorage zone reinforcement – Check for transfer bond length in pre-tensioned beams.

**DAY 4 – Losses in Prestress**

**Date: 8/01/2016**

Time	Topics
08:30 am To 10:15 am	, Geometric properties, Load variables Losses in Prestress, Elastic shortening, Pre-tensioned axial members
Tea Break	
10:30 am To 12:30 pm	Pre-tensioned bending members, Post-tensioned axial members, Post-tensioned bending members   Losses in Prestress
Lunch Break	
01:30 pm To 03:00 pm	, Friction, Anchorage slip Force Variation Diagram
Tea Break	
03:15 pm To 04:15 pm	Creep of concrete, Shrinkage of concrete, Relaxation of steel Total Time-dependent Loss 1

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**ACADEMIC YEAR 2015-2016**

**DAY 5 – Analysis of Members**

**Date: 9/01/2016**

Time	Topics
08:30 am To 10:15 am	Analysis of Members Under Axial Load , Analysis at transfer , Analysis at services loads, Analysis of ultimate strength , Analysis of behavior
<b>Tea Break</b>	
10:30 am To 12:30 pm	Analysis of Member Under Flexure ,Introduction Analysis at Service Loads , Based on stress concept ,Based on force concept , Based on load balancing concept
<b>Lunch Break</b>	
01:30 pm To 03:00pm	Calculation of Deflection , Deflection due to gravity loads , Deflection due to prestressing force , Total deflection , Limits of deflection ,
03:15 pm To 04:15 pm	Determination moment of inertia , Limits of span-to-effective depth ratio Calculation of Crack Width ,Method of calculation ,Limits of crack width.

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 Late 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 2001. 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 be a best institution imparting quality engineering education to deal with community needs through learning and performance.

### Mission

To implement path breaking student centric education methods. - To augment talent, nurture teamwork to transform to develop individual as responsible citizen. -To educate the students and faculties about entrepreneurship to meet vibrant requirements of the society. -Strengthen Industry-Institute Interaction for knowledge sharing.

### 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 T, Sapthagiri Group of Institutions

### Patrons

#### Dr.K N Ravi

Principal, SCE, Bengaluru

#### Convener

Prof.Pushpa Lumina

Prof.& HOD,Dept. of CV, SCE, Bengaluru

#### FDP Coordinator

Mrs.Krupa T L

Asst.Professor, SCE, Bengaluru

### Faculty Development Programme

On

**Prestressed Concrete structure**

On

**05<sup>th</sup> -09<sup>th</sup> Jan 2016**

**Organized by**

**Sapthagiri College of Engineering**

**Department of Civil Engineering**

#14/5 Chikkasandra, Hesaraghatta Main Road, Bengaluru  
560057

Phone: 080-28372800/01/02/03



### About the Course:

- Overview of Prestressed concrete, Basic concept
- Stress and Strength concept.
- Load balancing concept, Factors influencing.
- Design aspects, steps.
- Design of Type I&II Post tensioned and pre tensioned beam
- Factors influencing deflection
- Losses in PSC
- Analysis of members under Axial, Transfer and service load

*Principal*  
**Sapthagiri College of Engineering**  
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**FACULTY DEVELOPMENT PROGRAMME**

**ON**

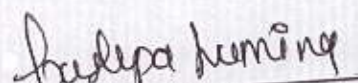
**Prestressed concrete structures**

**Faculty attendance**

Sl No.	Faculty Name	Designation	Signature
1	Prof. Pushpa Lumina	HOD	Pushpa Lumina
2	Prof. Hemalatha. K	Assistant professor	Hemalatha. K
3	Prof. Vindhya Bhagwan	Assistant professor	Vindhya
4	Prof. Vinchya R G	Assistant professor	Vinchya
5	Prof. Krupa. T. L	Assistant professor	Krupa
6	Prof. Arpitha D J	Assistant professor	Arpitha
7	Prof. Arjun C Haktoor	Assistant professor	Arjun

Hemalatha. K  
Signature of coordinator

  
Principal  
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Bengaluru - 560 057

  
Signature of HOD



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Fax: 080-28 372797

**ACADEMIC YEAR 2015-2016**

**Report On pre-stressed concrete structures**

Aiming to provide an intense training on pre-stressed concrete structures for our civil engineering faculties, Sapthagiri College of Engineering held during from 5<sup>th</sup> Jan 2016 to 9<sup>th</sup> Jan 2016. Overall the faculties felt that the session was informative & gain knowledge about stability of structures. Typical applications range through high-rise buildings, residential slabs, foundation systems, bridge and dam structures, silos and tanks, industrial pavements and nuclear containment structures has been discussed in the sessions.



*Pudupa Kumar*  
HOD

*[Signature]*  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

*[Signature]*  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057



# Sapthagiri College of Engineering

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

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



## Certificate

*This is to Certify that Mr./Mrs. Vindhya Bhagavan of has participated and successfully completed Five days Workshop on "Prestressed Concrete Structure" from 05<sup>th</sup> January to 09<sup>th</sup> January 2016 organized by the Civil Engineering Department, Sapthagiri College of Engineering.*

*Pushpa Kumari*  
HOD

Dept. of CIVIL

*[Signature]*  
Principal



# SAPTHAGIRI COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING  
#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru- 560 057  
Web: [www.sapthagiri.edu.in](http://www.sapthagiri.edu.in)

ACADEMIC YEAR 2015-16

Date: 01/01/2016

## CIRCULAR

All the Faculties are hereby informed about Department is Conducting a Five days Faculty Development Programme on “Current Trends in Big Data Analytics” from 5<sup>th</sup> Jan 2016 to 9<sup>th</sup> Jan 2016. Interested Faculties can register their names with Prof. Veena K R, Assistant Professor and Prof. Poornima G J, Assistant Professor.

Copy to

1. The office of the Principal
2. HODs: CSE/ECE/EEE/IS/ME/CV/BT/PHYCHE/MATH



HOD  
Professor & Head of the Department  
Computer Science Engineering  
Sapthagiri College of Engineering  
Bangalore-57



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



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  
**SAPTHAGIRI COLLEGE OF ENGINEERING**

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 Web: www.sapthagiri.edu.in, Email: principal@sapthagiri.edu.in

**ACADEMIC YEAR 2015-16**

**Five days FDP on "Current Trends in Big Data Analytics" on 05<sup>th</sup> Jan 2016 to 09<sup>th</sup> Jan 2016**  
**Programme schedule**

DATE/DAY	TIME	EVENT, SPEAKER & TOPIC COVERED	VENUE
05/01/2016 TUESDAY	9:00 AM-10:00 AM	Registration	Academic Block Entrance
	10:00 AM -10:40 am	Inaugural Function	Seminar Hall
	10:40 am -11 :00 am	Tea Break	
	11:00 am -1:00 pm	Lecture-1: Dr. C M Prashanth • Introduction to Big Data	ALH-114
	1:00 pm- 2:00pm	Lunch Break	
06/01/2016 WEDNESDAY	9:00 AM-10:40 AM	Lecture-3: Prof. Kamalakshi Naganna • Data Modelling and Warehousing	ALH-114
	10:40 am -11 :00 am	Tea Break	
	11:00 am -1:00 pm	Lecture-4: Prof. Poornima G J • Deep Learning Concepts	ALH-114
	1:00 pm- 2:00pm	Lunch Break	
	2:00pm -4:00 pm	Lecture-5: Hands-on session	ALH-114
07/01/2016 THURSDAY	9:00 AM-10:40 AM	Lecture-6: Prof. Ragini Krishna • Deep Neural Networks	ALH-114
	10:40 am -11 :00 am	Tea Break	
	11:00 am -1:00 pm	Lecture-7: Prof. Kamalakshi Naganna • Text Mining	ALH-114
	1:00 pm- 2:00pm	Lunch Break	
08/01/2016 FRIDAY	9:00 AM-10:40 AM	Lecture-9: Dr. C M Prashanth • Data Analysis and Mining using R tool	ALH-114
	10:40 am -11 :00 am	Tea Break	
	11:00 am -1:00 pm	Lecture-9: Prof. Veena K R Hands on Session	ALH-114
	1:00 pm- 2:00pm	Lunch Break	
09/01/2016 SATURDAY	9:00 AM-10:40 AM	Lecture-11: Dr. Kamalakshi Naganna • Hands on Practices on data Analysis and Mining Techniques.	ALH-114
	10:40 am -11 :00 am	Tea Break	
	11:00 am -1:00 pm	Valedictory Function	ALH-206



Principal

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 Bangalore- 560 057



Principal

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 Bangalore- 560 057



### Registration Details

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

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

Qualification: \_\_\_\_\_

Experience (In Years) Teaching: \_\_\_\_\_

Industry: \_\_\_\_\_

Address for communication: \_\_\_\_\_

Phone Office: \_\_\_\_\_

Mobile: \_\_\_\_\_

E-mail: \_\_\_\_\_

*Signature of Participant*

*Signature of the Head of the  
Organization/Department/Institute with Seal*

#### Chief Patrons:

Sri Dayanand G.  
Chairman  
Sri Srinivasa Educational & Charitable Trust

Sri G D Manoj  
Executive Director  
Sri Srinivasa Educational & Charitable Trust

#### Patrons:

Dr. Srinivasan N. Director, SCE  
Dr. M. Aswatha Kumar Principal, SCE

#### Organizing Chair:

Dr. C M Prashanth  
Professor & Head

#### Co-ordinator:

Prof. Poornima G J  
Assistant Professor

Prof. Veena K R  
Assistant Professor

**Principal**  
**Sapthagiri College of Engineering**  
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Bangalore-560 057



**SAPTHAGIRI COLLEGE OF  
ENGINEERING**

*Five days Faculty Development*

*Programme on*

**“Current Trends in Big  
Data Analytics”**

5<sup>th</sup> Jan to 9<sup>th</sup> Jan 2016



Organized by:

Department of Computer Science & Engineering  
**SAPTHAGIRI COLLEGE OF ENGINEERING**

Recognized by AICTE, New Delhi & Affiliated to VTU, Belgaum

#14/5, Chikkasandra, Hesarghatta Main Road  
Bangalore-560057. Phone No. 080-28372801/221  
Fax: 28372797. [www.sapthagiri.edu.in](http://www.sapthagiri.edu.in)



# SAPTHAGIRI COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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

FIVE days FDP on "CURRENT TRENDS IN BIG DATA ANALYTICS "from 5<sup>th</sup> JAN to 9<sup>th</sup> JAN 2016

## ATTENDANCE REPORT

SL. No.	Name	Day 1		Day 2		Day 3		Day 4		Day 5	
		FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	Dr.C.M.Prashanth										
2	Prof.KamalakshiNaganna	K	K	K	K	K	K	K	K	K	K
3	Mr. Rajeev Bilagi	<del>A</del>	<del>A</del>	<del>A</del>	AB	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>
4	Mrs.Ancy Thomas	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>
5	Mrs.Ragini Krishna	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>
6	Mrs.Veena V Pattankar	V	V	V	V	V	V	V	V	V	V
7	Mrs.Latha.A	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>
8	Mrs.Roopabanakar	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>
9	Mrs Poorinima.G J	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>
10	Mrs.Rashmi.P	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>
11	Ms.Sushmitha.J	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>

Principal  
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# SAPTHAGIRI COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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

12	Mrs.Ranjitha.B	R	R	R	R	R	R	R	R	R	R
13	Mrs.Harini.S	HS	HS	HS	HS	HS	HS	HS	HS	HS	HS
14	Mrs.Pathanjali.C	P	P	P	P	P	P	P	P	P	P
15	Mrs.Madhushree	M	M	M	M	M	M	M	M	M	M
16	Mrs.VeenaGadad	V	V	V	V	V	V	V	V	V	V
17	Ms.Veena K R	V	V	V	V	V	V	V	V	V	V
18	Mrs.Sheethal Raj T G	S	S	S	S	S	S	S	S	S	S
19	Mrs.Nanda.M.B	N	N	N	N	N	N	N	N	N	N
20	Mrs.Arptha.S	A	A	A	A	A	A	A	A	A	A
21	Mrs.Kavitha.S	K	K	K	K	K	K	K	K	K	K
22	Mr.Harisha C N	H	H	H	H	H	H	H	H	H	H
23	Mr.Vikas B O	V	V	V	V	V	V	V	V	V	V
24	Mrs.Veena V	V	V	V	V	V	V	V	V	V	V
25	Mrs.AnuradhaBadage	A	A	A	A	A	A	A	A	A	A

Principal  
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Chikkasandra, Hesaraghatta Road  
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING  
SAPTHAGIRI COLLEGE OF ENGINEERING

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

ACADEMIC YEAR 2015-16

REPORT ON

Five days FDP on "Current Trends in Big Data Analytics" on 05<sup>th</sup> Jan 2016 to 09<sup>th</sup> Jan 2016

The session was very informative and it started with the concepts of Hadoop, a framework and set of tools for processing very large data sets, was originally designed to work on clusters of physical machines. The combination of big data and compute power also lets analysts explore new behavioral data throughout the day, such as websites visited or location.

The technical session was very helpful in enhancing the technical knowledge amongst the faculty members. Overall the faculties felt that the session was very informative and gain knowledge about the Big Data and its applications.



Dr. C M Prashanth, HOD, CS&E accompanying the Session

Convener

Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta  
Bengaluru-560 057

Chairman



## SAPTHAGIRI COLLEGE OF ENGINEERING

#14/5, HESARAGHATTA MAIN ROAD, BENGALURU - 560057

### *Certificate of Participation*

This is to certify that

Mr./Ms.

*Prof. Madhushree*

Successfully participated in the Faculty Development Program on "Current Trends in Big data Analytics" from 05/01/2016 to 9/01/2016 organized by Department of Computer Science & Engineering, Sapthagiri College of Engineering, Bengaluru- 560057.

*[Signature]*  
HOD

Professor & Head of the Department  
Department of Computer Science Engineering

*[Signature]*  
Principal

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

*[Signature]*  
PRINCIPAL

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





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Fax: 080-28 372797

ACADEMIC YEAR 2015-2016

Date: 23/12/2015

### CIRCULAR

Department of Electronics and Communication Engineering is conducting a five days faculty development programme on **Introduction to basics of Python Programming** for the technical developments of the faculty from 5<sup>th</sup> Jan 2016 to 9<sup>th</sup> Jan 2016. All the faculty can register their names with Prof. shobha I Hugar and Prof. Ravi shankar .M.N

  
HOD

Department of ECE

Head of the Department  
Electronics & Communication  
Sapthagiri College of Engineering  
Bangalore- 560 057

  
Principal

Sapthagiri College of Engineering  
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ACADEMIC YEAR 2015-2016

### Minutes of Meeting

A meeting of all the faculty was held on 17-12-2015 at HOD's office, Department of ECE, Sapthagiri College Engineering.

#### Agenda:

In the meeting the syllabus, schedule of five days faculty development programme on **Introduction to basics of Python Programming** to faculty members was discussed and approved by the HOD.

Programme schedule:

#### Detailed Syllabus & Schedule

##### DAY 1 - Python Programming Language

Date: 05/01/2016

Time	Topics
08:30 am To 10:15 am	Identifiers, Keywords, Statements and Expressions
Tea Break	
10:30 am To 12:30 pm	Variables, Operators, Precedence and Associativity
Lunch Break	
01:30 pm To 03:00 pm	Data Types, Indentation, Comments, Reading Input, Print Output, Type Conversions
Tea Break	
03:15 pm To 04:00 pm	The type() Function and Is Operator, Dynamic and Strongly Typed Language

##### DAY 2 -Control Flow Statements

Date: 06/01/2016

Time	Topics
08:30 am To 10:15 am	The if Decision Control Flow Statement
10:30 am To	The if...else Decision Control Flow Statement, The if...elif...else Decision Control

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### ACADEMIC YEAR 2015-2016

12:30 pm	Statement
01:30 pm To 03:00 pm	Nested if Statement, The while Loop, The for Loop, The continue and break Statements
03:15 pm To 04:00 pm	Catching Exceptions Using try and except Statement

### DAY 3 – Functions

Date: 07/01/2016

Time	Topics
08:30 am To 10:15 am	Built-In Functions, Commonly Used Modules
<b>Tea Break</b>	
10:30 am To 12:30 pm	Function Definition and Calling the Function, The return Statement and void Function
<b>Lunch Break</b>	
01:30 pm To 03:00 pm	Scope and Lifetime of Variables, Default Parameters, Keyword Arguments
<b>Tea Break</b>	
03:15 pm To 04:15 pm	Command Line Arguments.

### DAY 4 – Strings

Date: 08/01/2016

Time	Topics
08:30 am To 10:15 am	Creating and Storing Strings, Basic String Operations
<b>Tea Break</b>	
10:30 am To 12:30 pm	Accessing Characters in String by Index Number
<b>Lunch Break</b>	
01:30 pm To 03:00 pm	String Slicing and Joining, String Methods
<b>Tea Break</b>	
03:15 pm	

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### ACADEMIC YEAR 2015-2016

03:15 pm To 04:15 pm	Formatting Strings
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#### DAY 5 – Lists

Date: 09/01/2016

Time	Topics
08:30 am To 10:15 am	Creating Lists, Basic List Operations
Tea Break	
10:30 am To 12:30 pm	Indexing and Slicing in List
Lunch Break	
01:30 pm To 03:00 pm	Built-In Functions Used on Lists, List Methods
Tea Break	
03:15 pm To 04:00 pm	The del Statement

The following members were present in the meeting and the syllabus and lesson plan for the faculty development programme has been decided.

Sl No.	Faculty Name	Designation	Signature
1.	Prof. Agalya P.	Associate Professor	
2.	Prof. Shobha S.	Associate Professor	
3.	Prof. Ravishankara M. N.	Associate Professor	
4.	Prof. Shobha I Hugar	Assistant Professor	
5.	Mr. Praveen Tripathi.	Guest Speaker	

  
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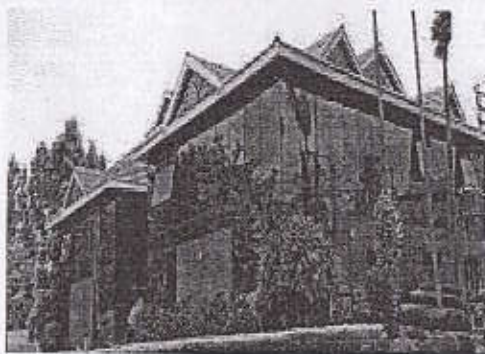
**5 Days FDP  
On**

**"Introduction to basics of Python  
Programming "**

**05<sup>th</sup> January 2016 to 09<sup>th</sup> January 2016**

**Organized by**

**Department of  
Electronics & Communication  
Engineering**



**Sapthagiri College of  
Engineering**

**#14/5, Chikkasandra, Hesaraghatta  
Main Road, Bengaluru 560057**

**Phone: 080-28372800/01/02/03**

### 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 2001. 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. The college has secured 22 University ranks and 4 Gold medals.

### 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 Department of Electronics and Communication Engineering (ECE), one of the evergreen and core departments in the Institution was established in the year 2001, is affiliated to Visvesvaraya Technological University (VTU), Belagavi and approved by All India Council for Technical Education (AICTE). The Department offers full-time UG programme in Electronics & Communication Engineering with an intake of 120, PG Programme in VLSI Design and Embedded systems with an intake of 24 and has research center offering Ph.D/M.Sc (Engg.) in Electronics and Communication Engineering recognized by VTU, Belagavi.

### About the Faculty Development Programme:

Its objectives are

- To enhance the Professional skill in the faculty in the field of materials processing.

### Topics Covered

- In basic knowledge of Python language
- Application in various domain of present technological
- Laboratory hands on using Python scripting
- The introduction to the various macros and functions
- Programming on board- testing and debugging.

### Resource Persons:

**Mr. AJAY SINGH**

Embedded and Robotics Design Engineer at Edulife India, Bengaluru.

Qualification B.Tech (EEE) – MIET, Bhubaneswar, Odisha

**Mr. PRAVEEN TRIPATI**

Technical Director at Edulife India, Bengaluru.

### Address for Registration /Communication

**Prof. Shobha I Hugar :9379091437**

*Principal*  
**Sapthagiri College of Engineering**  
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Bangalore- 560 057



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ACADEMIC YEAR 2015-2016

### 2015-16EVEN

**List of participants and Attendance FDP on "Introduction to basics of Python Programming" From 05<sup>th</sup> Jan 2016 to 09<sup>th</sup> Jan 2016**

Sl. No.	Name of the Faculty	05/01/16		06/01/16		07/01/16		08/01/16		09/01/16	
		FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	CHAITRA.P	0	0	0	0	0	0	0	0	0	0
2	Sudham.S	0	0	0	0	0	0	0	0	0	0
3	Rashmi.C	0	0	0	0	0	0	0	0	0	0
4	NAVEEN.H	Na	Na	Na	Na	Na	Na	Na	Na	Na	Na
5	Shobha.H	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
6	S. Shobha	8	8	8	8	8	8	8	8	8	8
7	Shilpa.V	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
8	Vasanthi.K	0	0	0	0	0	0	0	0	0	0
9	Preethi.T.S	0	0	0	0	0	0	0	0	0	0
10	Prasanthi.P	1	1	1	1	1	1	1	1	1	1
11	Anitha.murthy	Ata	Ata	Ata	Ata	Ata	Ata	Ata	Ata	Ata	Ata
12	Visaya.lakshmi	Ata	Ata	Ata	Ata	Ata	Ata	Ata	Ata	Ata	Ata
13	Jayadev.D.B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
14	KARTHIK.N.C	Ata	Ata	Ata	Ata	Ata	Ata	Ata	Ata	Ata	Ata
15	VARNI.V	Ata	Ata	Ata	Ata	Ata	Ata	Ata	Ata	Ata	Ata
16	Suma.V. Shetty	0	0	0	0	0	0	0	0	0	0
17	Ravishankar.M.N	0	0	0	0	0	0	0	0	0	0
18	Sasmita.MOHAN	Ata	Ata	Ata	Ata	Ata	Ata	Ata	Ata	Ata	Ata
19	Sathish.murthy	Gy	Gy	Gy	Gy	Gy	Gy	Gy	Gy	Gy	Gy
20	Sandhya.Pani.MA	3	3	3	3	3	3	3	3	3	3
21	<del>Sandhya.Pani.MA</del>										
22	Aganya.P	0	0	0	0	0	0	0	0	0	0
23	Sangeetha.K.sri	0	0	0	0	0	0	0	0	0	0
24	RANJITHA.B	0	0	0	0	0	0	0	0	0	0





## SAPTHAGIRI COLLEGE OF ENGINEERING

### Department of Electronics and Communication Engineering

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Phone: 080-28 372800/1/2 -228 Fax: 080-28 372797

### Five days Faculty Development Program Reportor:

### “Introduction to basics of Python Programming”

**Date:** 05.01.2016 to 09.01.2016

**Time:** 9 AM to 4PM

**Venue:** DSP and HDL Lab, Faraday block, SCE

#### RESOURCE PERSONS PROFILE:

**1. Name:** AJAY SINGH.

**Current Status:** Embedded and Robotics Design Engineer at Edulife India, Bengaluru.

**Qualification** B.Tech (EEE) – MIET, Bhubaneswar, Odisha

#### **Professional Experience:**

Has 4+ years of industrial experience in Robotics and Sensor Designing with firm knowledge in the subjects both in theoretical aspects and industrial practices. Started his career as an Assistant Lecturer in **Adarsha College of Engineering**. Later shifted to industries as a Technical Associate in **Thinklabs Techno Solution Pvt.** and then to **EduRobo Pvt Ltd**, Hyderabad, with ample amount of industrial experience gained.

**Name:** Mr. PRAVEEN TRIPATI.

**Current Status:** Technical Director at Edulife India, Bengaluru.

**Qualification:** M-Tech in Communication Systems, B-Tech in Electronics and Communications.

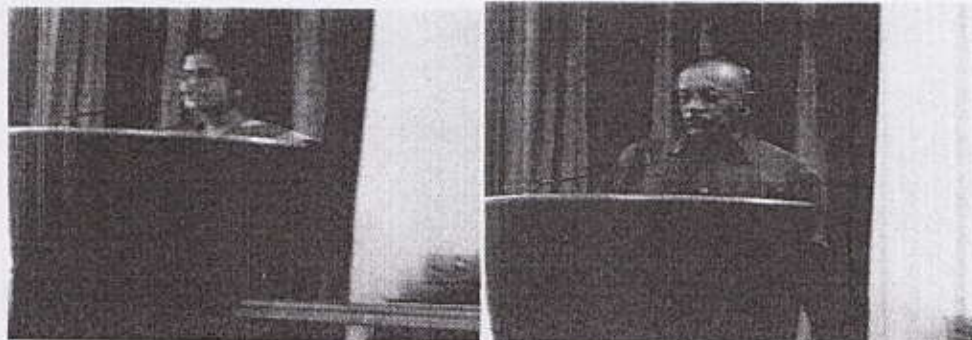
#### **Professional Experience:**

More than 5 years of experience in Training and Brain Storming on Sensor Design-Analysis-Coding and Testing of Small Satellites, Android, MATLAB, Image Processing, and Embedded Systems. Trained more than 1000 students on Optical Fiber and Small Satellite, Embedded System and VLSI Nationwide. Certified trainer from ESCI, Hyderabad. Worked as a Project Engineer in WIPRO IT, Hyderabad, as an Embedded C Product Developer. Associated with government and non-government organizations like DRDO and ARDB for research projects.

Principal

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Inauguration and Lamp Lightning by Principal Dr. Aswatha Kumar, HOD Prof.Sandhya Rani MH, Mr.Praveen Tripathi from M/s EDULIFE INDIA.

*Principal Dr.Aswath Kumar M and Prof.Sandhya Rani MH, HOD ECE, SCE addressing the participants.*

#### Summary Report:

First session was started on 05.01.2016 at 10:30AM by an Introduction to Python programming by expert Mr. Praveen Tripath, Director and Mr. Vamshi Krishna, Design Engineer from M/S EDULIFE INDIA. By this session faculties had in basic knowledge of Python language and hence were able to technically know how to work with Anaconda and Jupiter notebook.

The second day started with the briefing of the previous day, and its application in various domain of present technological era were discussed with an insight of the applications being strengthened with videos.



*Mr. Praveen Tripathi from M/s Edulife India delivering speech to participants.*

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The third day comprising of various laboratory hands on using Python scripting was conducted by Mr. Praveen Tripath and Mr. Vamshi Krishna.

The fourth day enlightened the participants with the introduction to the various macros and functions and their application was described. The details with case study were discussed.



*Mr. Vamshi Krishna from M/s Edu life India delivering speech to faculties*

The Final day session started on 09.01.2016 at 9AM. The participant team used their entire day gained knowledge to do an assigned task in stipulated time. The faculties were involved in programming on board- testing and debugging.

*Chairman*  
*Academic committee*

Head of the Department  
Electronics & Communication  
Sapthagiri College of Engineering  
Bangalore- 560 057

*Principal*  
Sapthagiri College of Engineering  
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## Certificate

*This is to Certify that Mr./Mrs. VARSHINI K of has participated and successfully completed Five days Workshop on Introduction to basics of Python Programming from 5<sup>th</sup> January to 9<sup>th</sup> January 2016 organized by the Electronics and Communication Engineering Department, Sapthagiri College of Engineering.*

  
HOD

Dept. of ECE

  
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Principal





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### DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Date: 19/12/2015

### CIRCULAR

Faculties are hereby informed that department is conducting following FDP:

**Subject:** "Emerging trends in power system & High voltage engineering"

**Date:** 05<sup>th</sup> January 2016 to 09<sup>th</sup> January 2016.

All are requested to attend the FDP without fail.

HOD  
Dept. of EEE

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### DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

### Minutes of Meeting

A meeting of the academic committee was held on 08/01/2015 at HOD's office, Department of EEE.

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

Committee discussed the syllabus, schedule, etc. to conduct five days FDP on "Emerging trends in power system & High voltage engineering" from 5<sup>th</sup> January 2016 to 09<sup>th</sup> January 2016 and the same was approved by the HOD.

### Detailed Syllabus & Schedule

#### DAY 1 - Date: 5/01/2016

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 1:30 pm	What is Transmission System. What are the Performance Parameters.
<b>Lunch Break</b>	
02:30 pm To 04:00 pm	Reduced Insulation for Electrical Transmission.

#### DAY 2 - Date: 6/01/2016

Time	Topics
09:30 am To 11:00 am	Residual Life of Equipment in Sub-stations.
<b>Tea Break</b>	
11:30 am To 1:30 pm	Hot Line Services for EHV & UHV systems.
<b>Lunch Break</b>	
02:30 pm To 04:00 pm	Designing of Electrical Equipment of EHV

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### DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

#### DAY 3 – Date: 7/01/2016

Time	Topics
09:30 am To 11:00 am	Designing of Electrical Equipment Of EHV( Continued)
<b>Tea Break</b>	
11:30 am To 1:30 pm	Designing of Dry Type Transformer for Higher Voltages.
<b>Lunch Break</b>	
02:30 pm To 04:00 pm	Protection System in HV circuits.

#### DAY 4 – Date: 8/01/2016

Time	Topics
09:30 am To 11:00 am	Designing of Dry Type Transformer for Higher Voltages.
<b>Tea Break</b>	
11:30 am To 1:30 pm	Designing of Dry Type Transformer for Higher Voltages(Continued)
<b>Lunch Break</b>	
02:30 pm To 04:00 pm	Insulation Co-ordination for Power System Transmission

#### DAY 5 – Date: 9/01/2016

Time	Topics
09:30 am To 11:00 am	Designing of Electrical Equipment Of EHV.
<b>Tea Break</b>	
11:30 am To 1:30 pm	Nano Technology usage in Manufacturing of Polymeric Insulators.
<b>Lunch Break</b>	
02:30 pm To 04:00 pm	Question / Answer session, Feed Back, Valedictory Function etc

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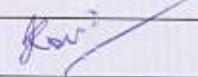

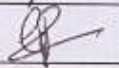
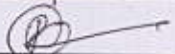
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Phone: 080-28 372800/1/2

Fax: 080-28 372797

### 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	Member	
5	Prof Ramya M	Member	

  
Principal  
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**REGISTRATION FORM  
5 Days Faculty Development  
Programme  
on**

**“Emerging trends in power  
system & High voltage  
engineering”**

**FROM  
05<sup>th</sup> January 2016 to 09<sup>th</sup> January 2016**

**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 M,**  
Principal, SCE, Bengaluru

**Program Coordinator**

**Prof. Ramya M**  
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**

**“Emerging trends in power system  
& High voltage engineering”  
FROM**

**05<sup>th</sup> January 2016 to 09<sup>th</sup> January 2016**

**Organized by**


**Department of  
Electrical and Electronics  
Engineering**



**Sapthagiri College of Engineering**

**#14/5, Chikkasandra, Hesaraghatta Main  
Road, Bengaluru 560057**

**Phone: 080-28372800/01/02/03**

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057



## SAPTHAGIRI COLLEGE OF ENGINEERING

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi.)  
#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru- 560 057.

Phone: 080-28 372800/1/2

Fax: 080-28 372797

2015-16 (EVEN)

**List of participants and Attendance- FDP on "Emerging trends in power system & High voltage engineering" from. 05<sup>th</sup> January 2016 to 09<sup>th</sup> January 2016.**

Sl. No.	Name of the Faculty	5/01/16		6/01/16		7/01/16		8/01/16		9/01/16	
		FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	Rekha J. V.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2	Guru Prasanna	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3	R. Lekkanna	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
4	Dr. Ravi K. N.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
5	Thanshi K.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
6	A. Dhamodaran	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
7	Rajani	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
8	Divya N. S.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
9	Ashwini C.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
10	Kripa	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
11	Deela A. M.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
12	Marjula N.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
13	Ramya M.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Principal

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



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

**AY 2015-16(EVEN)**

**Report on FDP on “Emerging trends in power system & High voltage engineering”**

Aiming to provide an additional skill and training on technical aspects of HV engineering, department conducted an FDP on “Emerging trends in power system & High voltage engineering” from 05<sup>th</sup> January 2016 to 09<sup>th</sup> January 2016 by Dr. K N Ravi, an expert on the subject from our Department. The technical session was very helpful in enhancing the technical knowledge amongst the faculty members. Overall the faculties felt that the session was very informative & gain knowledge about the Insulators and its applications.



  
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Bengaluru- 560 057





Sapthagiri College of Engineering


Bangalore-560057

# Certificate

This is to certify that Mr. /Ms. Rekha . S.N  
of EEE has participated and successfully  
completed 05 days Faculty Development Program on "Emerging trends  
in power system & High voltage engineering" from 05/1/2016 to  
09/1/2016 organized by the Department of Electrical & Electronics  
Engineering, Sapthagiri College of Engineering.

  
Dr. K N Ravi

HOD, Dept. of EEE

  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesarghatta Road,  
Bangalore-560 057

  
Principal





**Sapthagiri College of Engineering**  
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Department of Information Science and Engineering

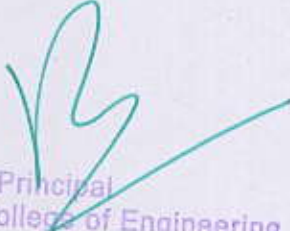
**CIRCULAR**

01/01/16

All the faculties are hereby informed to attend the meeting in the HOD's Office at 10.30 AM on 02/01/16 to discuss about the FDP to be conducted on Advanced Java Programming.

  
**HOD ISE**

Department of  
Information Science & Engg.  
Sapthagiri College of Engineering  
14/5 Chikkasandra, Hesaraghatta Main Road,  
BANGALORE - 560 057

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





**Sapthagiri College of Engineering**  
#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru – 560057  
Department of Information Science and Engineering


CIRCULAR

03/01/16

All the Faculties of Information Science and Engineering Department are here by informed to attend five days Faculty Development Program on Advanced Java Programming from 5<sup>th</sup> January 2016 to 9<sup>th</sup> January 2016.

  
HOD ISE

Department of  
Information Science & Engg.  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
BANGALORE - 560 057

  
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Bangalore-560 057



## Minutes of Meeting

A meeting of all the faculties was held on 2-01-2016 at HOD's office, Department of ISE, Sapthagiri College of Engineering Prof Prerana Chaitra, Professor & Head chaired the meeting and greeted all faculty.

In the meeting the schedule and budget of five days FDP on Java Programming was discussed and approved by the HOD.

### Detailed Schedule

#### DAY 1

5/01/2016

Time	Topics
2:30 p.m To 4:00 p.m	Introduction to java programming.

6/01/2016

#### DAY 2

Time	Topics
08:30 am To 10:15 am	Enumeration fundamentals, the values() and valueOf() Methods.
<b>Tea Break</b>	
10:30 am To 12:30 p.m	java enumerations are class types, enumerations Inherits Enum, example, type wrappers, Autoboxing, Autoboxing and Method
<b>Lunch Braek</b>	
01:30 p.m To 03:00 p.m	Autoboxing/Unboxing occurs in Expressions, Autoboxing/Unboxing, Boolean and character values
03:15 p.m To 04:00 p.m	Autoboxing/Unboxing helps prevent errors, A word of Warning. Annotations, Annotation basics, specifying retention policy,

  
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**DAY 3**

7/01/2016

Time	Topics
08:30 am To 10:15 am	Obtaining Annotations at run time by use of reflection, Annotated element Interface, Using Default values
<b>Tea Break</b>	
10:30 am To 12:30 pm	Marker Annotations, Single Member annotations, Built-In annotations.
<b>Lunch Break</b>	
01:30 pm To 03:00 pm	<b>The collections and Framework:</b> Collections Overview, Recent Changes to Collections, The Collection Interfaces, The Collection Classes, Accessing a collection Via an Iterator, Storing User Defined Classes in Collections
<b>Tea Break</b>	
03:15 pm To 04:15 pm	The Random Access Interface, Working With Maps, Comparators, The Collection Algorithms, Why Generic Collections? The legacy Classes and Interfaces, Parting Thoughts on Collections.

**DAY 4**

8/01/2016

Time	Topics
08:30 am To 10:15 am	String Handling :The String Constructors, String Length, Special String Operations, String Literals, String Concatenation
<b>Tea Break</b>	
10:30 am To 12:30 pm	String Concatenation with Other Data Types, String Conversion and toString() Character Extraction
<b>Lunch Break</b>	
01:30 pm To 03:00 pm	charAt(), getChars(), getBytes() toCharArray(), String Comparison, equals() and equalsIgnoreCase()
<b>Tea Break</b>	
03:15 pm To 04:15 pm	regionMatches() startsWith() and endsWith(), equals() Versus ==, compareTo(), Searching Strings, Modifying a String, substring(), concat(),

9/01/2016

**Day 5**

Time	Topics
08:30 am To 10:15 am	replace(), trim(), Data Conversion Using valueOf(), Changing the Case of Characters Within a String, Additional String Methods, StringBuffer, StringBuffer Constructors, length() and capacity(), Estimating hypothesis accuracy, Basics of sampling theorem.
<b>Tea Break</b>	

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10:30 am To 12:30 pm	ensureCapacity( ), setLength( ), charAt( ) and setCharAt( ), getChars( ), append( ), insert( ), reverse( ), delete( ) and deleteCharAt( ), replace( ), substring( ), Additional StringBuffer Methods, StringBuilder
<b>Lunch Break</b>	
01:30 pm To 03:00 pm	Hands on session

  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta  
Bengaluru





**Five Days FDP  
On**

**"Advanced Java Programming"**

**FROM 05<sup>th</sup> Jan 2016 to 09<sup>th</sup> Jan 2016**

**Organized by  
Department of  
Information Science and  
Engineering**



**Sapthagiri College of Engineering**  
#14/5, Chikkasandra, Hesaraghatta Main Road,  
Bengaluru 560057  
Phone: 080-28372800/01/02/03

## 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, Karanataka. 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. The college has secured 22 University ranks and 4 Gold medals.

### 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 Information Science and Engineering Department had its beginning in the year 2001 with an intake of 120 students, and 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 will be striding in the progressive path to achieve

excellence in academics and research activities. Apart from the qualified faculty and staff, the Department has state-of-the-art laboratories and latest software's.

### About the FDP:

Its objectives are

- To increase the knowledge or skills in the field of java.
- To understand the specialization in domains such as web, networking, data base handling.

### Resource Persons:

**Ramya R**  
Asistant Professor  
Sapthagiri College Of Engineering

### Address for Communication/Registration

**Prof. Gayatri R**  
Assistant Professor, CSE  
Ph: 8147290734

**Prof. Ramya R.**  
Asistant Professor  
Ph: 8884816537

### Email-id for registration:

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


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Bengaluru - 560057



**FDP on “Advanced Java Programming” Attendance**

Sl No.	Faculty Name	5.1.16		6.1.16		7.1.16		8.1.16		9.1.16	
		MS	AS	MS	AS	MS	AS	MS	AS	MS	AS
1	Prof Chaitra	Chai	Chai	Chai	Chai	Chai	Chai	Chai	Chai	Chai	Chai
2	Prof Malathi K P	MP	MP	MP	MP	MP	MP	MP	MP	MP	MP
3	Prof Ravichandra M	R	R	R	R	R	R	R	R	R	R
4	Prof Vasanthalakshmi	V	V	V	V	V	V	V	V	V	V
5	Prof Prakruthi S T	P	P	P	P	P	P	P	P	P	P
6	Prof Vijay Kumar F G	Vj	Vj	Vj	Vj	Vj	Vj	Vj	Vj	Vj	Vj
7	Prof Shruthi K	Shr	Shr	Shr	Shr	Shr	Shr	Shr	Shr	Shr	Shr
8	Prof Vindya G	Vind	Vind	Vind	Vind	Vind	Vind	Vind	Vind	Vind	Vind
9	Prof Anitha K	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK
10	Prof Gayatri Rayar	Gay	Gay	Gay	Gay	Gay	Gay	Gay	Gay	Gay	Gay
11	Prof Sowmya Somnath	Som	Som	Som	Som	Som	Som	Som	Som	Som	Som
12	Prof Sanjay Kumar	San	San	San	San	San	San	San	San	San	San
13	Prof Gayatri R	GR	GR	GR	GR	GR	GR	GR	GR	GR	GR

  
Coordinator

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



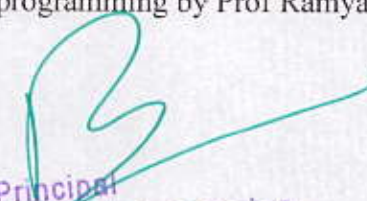
### Report on Advanced Java Programming

No of Participants =14

Aiming to provide an Faculty Development Program on advanced Java Programming for the faculties of Department of Information Science Engineering, Sapthagiri College of Engineering held during 5<sup>th</sup> January 2016 to 9<sup>th</sup> January 2016. Overall the faculties felt that the session was informative & gained knowledge. The resource Person for the FDP is Prof Ramya R, Assistant Professor Department of ISE .Faculties were able to gain more knowledge because of hands on session. Speaker explained the advanced java programming concepts and also coding skills. Faculties were able to understand the language in simple and effective manner.



FDP on Advanced java programming by Prof Ramya R

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

  
Coordinator





# Sapthagiri College of Engineering

Bangalore-560057

## Certificate

This is to certify that Mr. /Ms. SANTAY KUMAR J. H  
of Information Science and Engineering has participated  
and successfully completed Five days Faculty Development Program on  
"Advanced Java Programming" from 5<sup>th</sup> January, 2016 to 9<sup>th</sup>  
January 2016 organized by the Department of Information Science &  
Engineering, Sapthagiri College of Engineering.

  
HOD, Dept of ISE

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Heersaghatu Main Road  
Bangalore - 560 057

  
Principal





**DEPARTMENT OF MECHANICAL ENGINEERING  
SAPTHAGIRI COLLEGE OF ENGINEERING**

(Affiliated to Visvesvaraya Technological University Belagavi & Approved by AICTE, New Delhi.)  
#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru- 560 057.

Date 20/12/2016

**CIRCULAR**

Mechanical Engineering faculty are hereby informing that there will be a faculty development program entitled "Teaching techniques in Computer aided machine drawing" for three days on 5<sup>th</sup> Jan. 2016 to 9<sup>th</sup> Jan. 2016. The interested candidates enroll your names with **Mr. AnilKumar P R.**

  
HOD

Department of Mechanical Engineering

**I.O.D. Dept. of Mech. Engg  
S.C.E., Bangalore-560 057**

  
Principal

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



Date: 19/012/2016

### Minutes of Meeting

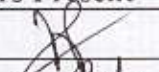
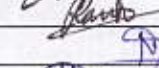

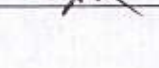

A meeting was conducted on 18<sup>th</sup> January 2016 in Mechanical HOD office to discuss and finalize the following about the five days faculty development program. The following points have discussed in the meeting

- FDP program for Mechanical faculty on 5<sup>th</sup> Jan. 2016 to 9<sup>th</sup> Jan. 2016.
- Programme Convener- Mr. AnilKumar P R
- Certificate program entitled as **Teaching techniques in Computer aided machine drawing.**
- Course curation and Date


### Course Content

Date	Morning Session 9.30 a.m. to 12.30 p.m.	Afternoon Session 2.00 p.m. to 5.00 p.m.
05/01/2016	Registration & Inauguration Function	Discussion on Conversion of pictorial views into orthographic projections of simple machine parts
06/01/2016	Discussion on Sections of Pyramids, Prisms, Cubes, Tetrahedrons, Cones and Cylinders resting only on their bases	Discussion on Thread terminology, sectional views of threads
07/01/2016	Discussion on drawing of Keys	Discussion on drawing of Joints
08/01/2016	Discussion on drawing of Couplings	Discussion on Assembly Drawings:
09/01/2016	Discussion on Assembly Drawings	Valedictory Function

### Faculty members Present

Mr. Padmanabha G	
Mr. RamKumar M	
Mr. Ramesh N G	
Mr. MadhuKumar Y C	
Mr. ArunKumar R	

  
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Bengaluru- 560 057

  
H.O.D. Dept. of Mech. Engg  
S.C.E., Bangalore-560 057



## About the College

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### Vision

To be a best institution imparting quality engineering education to deal with community needs through learning and performance.

### Mission

To implement path breaking student centric education methods. -To augment talent, nurture teamwork to transform to develop individual as responsible citizen. -To educate the students and faculties about entrepreneurship to meet vibrant requirements of the society. -Strengthen Industry-Institute Interaction for knowledge sharing.

### 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 T, Sapthagiri Group of Institutions

### Patrons

**Dr. AswathKumar M**

Principal, SCE, Bengaluru

### Convener

**Dr.S H Manjunath**

Prof.& HOD, Dept. of ME, SCE, Bengaluru

### Coordinator

**Mr. AnilKumar P R**

Asst. Professor, SCE, Bengaluru

**Principal**  
**Sapthagiri College of Engineering**  
Chikkasandra, Hesarghatta Road,  
Bangalore- 560 057

## Faculty Development Programme On

Teaching techniques in Computer aided Machine drawing  
On

5<sup>th</sup> -9<sup>th</sup> January 2016

Organized by

**Sapthagiri College of Engineering**

Department of Mechanical Engineering

#11/5, Chikkasandra, Hesarghatta Main Road, Bengaluru 560057

Phone: 080-28372800/01/02/03



### About the FDP:

This Faculty Development Training Program is intended to provide opportunity for teachers employed in AICTE approved and Anna University affiliated institutions for teaching and upgrading their knowledge in the area of Composite Materials and Mechanics. The program will be very useful for those who are involved in teaching the course Composite Materials and Mechanics at UG level.

### Topics to be Covered

Assembly drawings of Screw Jack, Machine Vice, Connecting Rod, Plummer Block, tool post and Rams Bottom safety valve. Rivets and joints, Couplings.

### Resource Persons:

**Prof. Basavaraju S**

Assistant Professor,  
Department of Mechanical Engineering  
Acharya Institute of Technology Bangalore

**Prof. Tulsidas D**

Associate Professor  
Department of Mechanical Engineering  
Vivekananda Institute of Technology Bangalore



# DEPARTMENT OF MECHANICAL ENGINEERING

## SAPTHAGIRI COLLEGE OF ENGINEERING

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

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

### FDP ON

#### Teaching techniques in Computer aided machine drawing

#### Attendance

Sl. No.	Name	05/01/2016		06/01/2016		07/01/2016		08/01/2016		09/01/2016	
		MS	AS	MS	AS	MS	AS	MS	AS	MS	AS
1	Sunil Kumar	1	2	3	4	5	6	7	8	9	10
2	Arun Kumar . R.	1	2	3	4	5	5	6	7	8	9
3	Anjan Kumar	1	2	3	4	5	6	7	8	9	10
4	Ramesh . H. G.	1	2	3	4	5	6	7	8	9	10
5	A. M. Mahesh	1	2	3	4	5	6	7	8	9	10
6	Ullas . C.S.	1	2	3	4	5	6	7	8	9	10
7	Padmanabha . G.	1	2	2	3	4	5	6	7	8	9
8	Anil Kumar . P.R.	1	2	3	4	5	6	7	8	9	10
9	Tilak . S.	1	2	3	4	5	6	7	8	9	10
10	Ramkumar . M.	1	2	3	4	5	6	7	8	9	10
11	Prathima	1	2	3	4	5	6	7	8	9	10
12	P. R. Rao	1	2	3	4	5	6	7	8	9	10
13	Pranod . S.V.	1	2	3	4	5	6	7	7	8	9
14	Madhukumar . Y.C.	1	2	3	4	5	6	7	8	9	10
15	Rajalakshmi . S.	1	2	3	4	5	6	7	8	9	10
16	T. Venkateswara	1	2	3	4	5	6	7	8	9	10
17	Mahadev prasad	1	2	3	4	5	6	7	8	9	10
18	Ajay Kumar . K.	1	2	3	4	5	6	7	8	9	10
19	Sanjay . H.M.	1	2	3	4	5	6	7	8	9	10
20											
21											

Signature of Convener

Principal

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



## REPORT

### FDP on teaching techniques in Computer aided machine drawing

Department of mechanical Engineering organized FDP on Teaching techniques in Computer aided machine drawing.

#### Speakers

Prof. Basavaraju S , Assistant Professor, Department of Mechanical Engineering, Acharya Institute of Technology Bangalore

Prof. Tulsidas D. Associate Professor, Department of Mechanical Engineering, Vivekananda Institute of Technology Bangalore

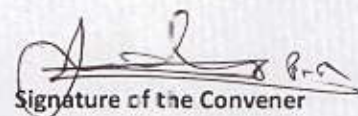
**Duration of the course:** Jan. 5<sup>th</sup> 2016 to Jan. 9<sup>th</sup> 2016

Date	Morning Session 9.30 a.m. to 12.30 p.m.	Afternoon Session 2.00 p.m. to 5.00 p.m.
05/01/2016	Registration & Inauguration Function	Discussion on Conversion of pictorial views into orthographic projections of simple machine parts
06/01/2016	Discussion on Sections of Pyramids, Prisms, Cubes, Tetrahedrons, Cones and Cylinders resting only on their bases	Discussion on Thread terminology, sectional views of threads
07/01/2016	Discussion on drawing of Keys	Discussion on drawing of Joints
08/01/2016	Discussion on drawing of Couplings	Discussion on Assembly Drawings:
09/01/2016	Discussion on Assembly Drawings	Valedictory Function



The FDP intended to provide an intense discussion on teaching techniques in Computer aided machine drawing. The faculty members felt that the session was informative & gained knowledge about applications of computers in creating machine parts drawings.

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Signature of the Convener



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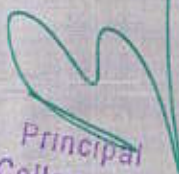


## Certificate

*This is to Certify that Mr./Mrs. T. VENKATEGOWDA of has participated and successfully completed Five days FDP on Teaching techniques in Computer aided machine drawing from 5<sup>th</sup> January to 9<sup>th</sup> January 2016 organized by the Mechanical Engineering Department, Sapthagiri College of Engineering.*

  
HOD

Dept. of ME

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

  
Principal





# SAPTHAGIRI COLLEGE OF ENGINEERING

## Department of Electronics and Communication Engineering

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Phone: 080-28 372800/1/2 -228 Fax: 080-28 372797

To,

Mr. HR Ranganatha  
Professor  
Department of ISE  
Siddaganga Institute of Technology  
Tumkur.

Dear Sir,

Sub: Technical Talk on Intellectual Property Rights(IPR).

The Sapthagiri College of Engineering is arranging technical talk on Intellectual Property Rights(IPR). We request you to kindly arrange for the lecture. The subject will be of interest to the Engineering college faculties. As per your request, Transport will be arranged for Pick-up and drop of the guest lecturer. The details of the event is provided below.

Date: 03.08.2015

Time: 01.30PM to 3.30PM

Venue: 405, Academic Block

Thanking you,

Dr. KN Ravi

The HOD and IPR Convenor  
Department of Electrical and Electronics Engineering  
Sapthagiri College of Engineering  
Bengaluru

Principal

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Phone: 080-28 372800/1/2 Fax: 080-28 372797

### CIRCULAR

The college is organizing talk on "Introduction to Intellectual Property Rights" by **Mr.HR Ranganatha** on 03.08.2015 from 1.30PM to 3.30PM in Room No 405 Academic block.


Hence hereby informing all faculties to attend the same.

  
PRINCIPAL  
Principal

Sapthagiri College of Engineering  
14/5 Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

Copy to:

1. All HOD's
2. Office copy.

  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road,  
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Phone: 080-28 372800/1/2 -228 Fax: 080-28 372797

### Report on the Technical talk on Intellectual Property Right

*Topic: "Introduction to Intellectual Property Rights"*

By

**Mr. HR Ranganatha**

Professor,

Department of ISE

Siddaganga Institute of Technology

Tumkur.

Date: 03.08.2015

Time: 1.30 PM to 3.30 PM

Venue: Room No 405, SCE Bangalore.

The workshop on "Introduction to Intellectual Property Right" was conducted for Sensitizing and Creating IP Awareness among various stakeholders, has been organized by Sapthagiri College of Engineering, Bangalore on 3<sup>rd</sup> August, 2015.

The Workshop is aimed to generate awareness about Intellectual Property Rights (IPR) in the Electronics & IT Sector, thereby furnishing requisite guidance and proficiency about an assortment of procedures of patent search and application filing. Prof.Purna HOD ISE, gave the Inauguration and Welcome address.

The Speaker Mr. HR Ranganatha started the talk stating IPR is beneficial for all the stakeholders and in the process ensure awareness attainment in the prospective instant. He also said that the Government is focused on furnishing the platform for innovators to showcase their talent with practical application. He addressed on Patent System in Electrical, Electronics and IT domain and the road ahead. He delivered his lecture on IP management in Corporate. He addressed the audience on the Overall idea on Patent, Copyright, Design, Licensing, GI and scope of those in engineering field.

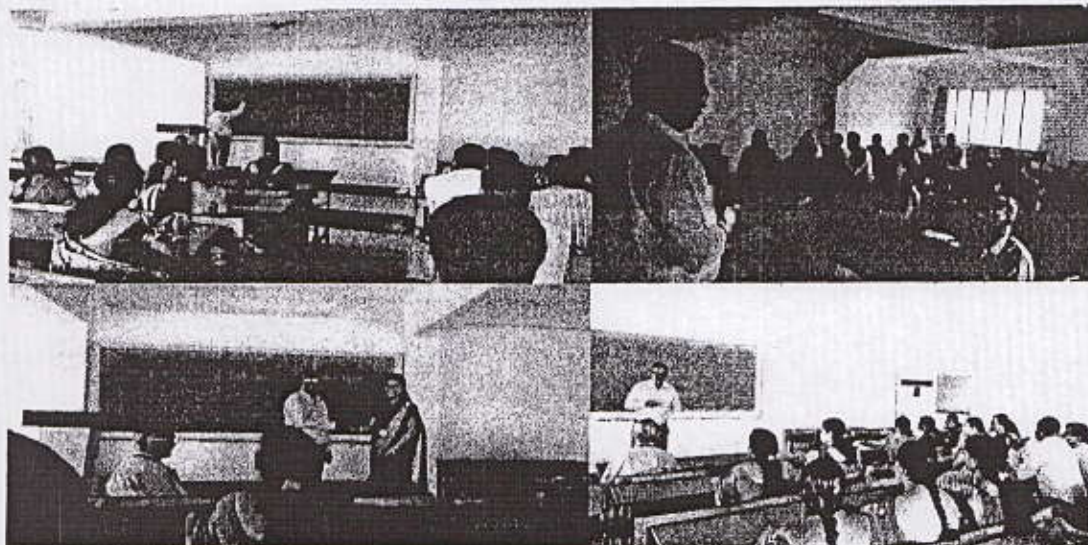
Principal

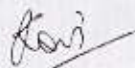
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Bangalore-560 057



Dr. KN Ravi, Convener of the Workshop stated that the Workshop is aimed to benefit the participants in all respect and a common platform to express the quality of innovation.

#### Photo Gallery



  
Dr. KN Ravi  
HOD EEE

  
Er Aswatha Kumar  
Principal

Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Road,  
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Phone: 080-28 372800/1/2 -228 Fax: 080-28 372797

## Attendance Report of

## "Introduction to IPR"

Date: 03.08.2015

Sl No	Name	Department	Signature
1.	Shilpa V.	E & CE	Shilpa V.
2.	Prathibha P.	ECE	Prathibha P.
3.	SANGEETA SRI	ECE	Sangeeta S.
4.	S. SHOBHA	EC	S. Shobha
5.	RAVI SHANKAR M.N	ECE	Ravi Shankar M.N.
6.	Sudhakar M.S	ECE	Sudhakar M.S.
7.	Vani A	EC	Vani A.
8.	Vinay H.C	EC	Vinay H.C.
9.	Narappa M.B	CSE	Narappa M.B.
10.	Konathu R.C	ECE	Konathu R.C.
11.	SUMA V SHETTY	ECE	Suma V Shetty
12.	Chaitra	CSE	Chaitra
13.	Chaitra	CSE	Chaitra
14.	Veena K.R	CSE	Veena K.R.
15.	Aruladhe B	CSE	Aruladhe B.
16.	Prey. Preesara Chaitra	ISE	Prey. Preesara Chaitra
17.	Sanjay Kumar J.H.	ISE	Sanjay Kumar J.H.
18.	Ramya R	ISE	Ramya R.
19.	Gayathri R	ISE	Gayathri R.
20.	Bhavya N.P	Maths	Bhavya N.P.
21.	Sindhu M.G	Maths	Sindhu M.G.
22.	Munirathnam M.	Maths	Munirathnam M.
23.	Koopa K.R	Maths	Koopa K.R.
24.	Santhosh H.C	Maths	Santhosh H.C.
25.	RAMYAM	EEE	Ramyam
26.	Divya N.S	EEE	Divya N.S.
27.	Yousuf Mader K	EEE	Yousuf Mader K.
28.	Releha S.W	EEE	Releha S.W.
29.	Ashwini C	EEE	Ashwini C.





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Phone: 080-28 372800/1/2

Fax: 080-28 372797

Date: 03/09/2015

## CIRCULAR

Office staff are hereby informed about Chemistry department is conducting Staff development program on E-governance for five days from 07/09/2015 to 11/09/2015. All office staff participate in staff development program.

  
HOD

Dept. of Chemistry

Dr. B.S. Krishna

Professor & HOD

Department of Chemistry

Sapthagiri College of Engineering  
Bangalore - 560 057



Principal

Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road,  
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## Staff Development Program on E-Governance Time Schedule

### DAY 1

Date: 07/09/2015

Time	Speaker	Topics
10:30 am To 12:30 pm	Dr. Krishna B S HOD of Chemistry, SCE, Bangalore	Introduction to E-Governance, Talk on VTU Resume filling
<b>Lunch Break</b>		
01:30 pm To 03:30 pm	Dr. Krishna B S HOD of Chemistry, SCE, Bangalore	Training on VTU Resume filling

### DAY 2

Date: 08/09/2015

Time	Speaker	Topics
10:30 am To 12:30 pm	Dr. Jagadeesha Gowda G V HOD of Physics, SCE, Bangalore	Talk on VTU/ AICTE Affiliation form filling
<b>Lunch Break</b>		
01:30 pm To 03:30 pm	Dr. Jagadeesha Gowda G V HOD of Physics, SCE, Bangalore	Training on VTU/ AICTE Affiliation form filling

### DAY 3

Date: 09/09/2015

Time	Speaker	Topics
10:30 am To 12:30 pm	Prof. Ravishankar Dept. of ECE, SCE, Bangalore	Talk on VTU Exam form filling
<b>Lunch Break</b>		
01:30 pm To 03:30 pm	Prof. Ravishankar Dept. of ECE, SCE, Bangalore	Training on VTU Exam form filling

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## DAY 4

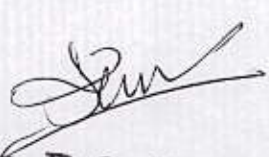
Date: 10/09/2015


Time	Speaker	Topics
10:30 am To 12:30 pm	Prof. Dhamodar Dept. of EEE, SCE, Bangalore	Talk on Scholarship form filling
<b>Lunch Break</b>		
01:30 pm To 03:30 pm	Prof. Dhamodar Dept. of EEE, SCE, Bangalore	Training on Scholarship form filling

## DAY 5

Date: 11/09/2015

Time	Speaker	Topics
10:30 am To 12:30 pm	Prof. Roopa K P Dept. of Chemistry, SCE, Bangalore	Talk on Filling tax form
<b>Lunch Break</b>		
01:30 pm To 03:30 pm	Prof. Roopa K P Dept. of Chemistry, SCE, Bangalore	Training on Filling tax form

  
**Dr. B.S. KRISHNA**  
Professor & Head  
Department of Chemistry  
Sapthagiri College of Engineering

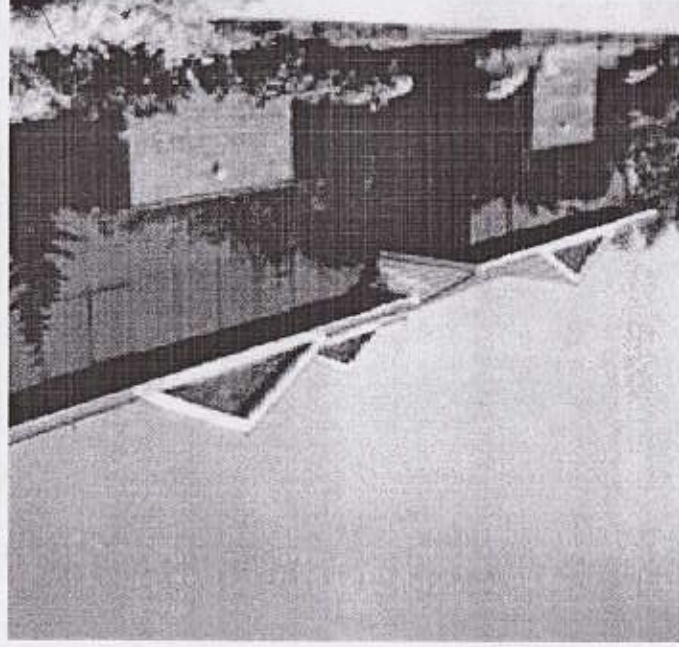
  
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Creating Tomorrow  
College of Engineering  
SAPTHAGIRI

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## “Staff Development Program on E-Governance”

Venue: Seminar Hall (SCE)

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

## SAPTHAGIRI COLLEGE OF ENGINEERING

Organized by: BASIC SCIENCE

(Recognized by AICTE, New Delhi & Affiliated to VTU, Belgium)

#14/5, Chikkasandra, Hesaraghatta Main Road  
Bangaluru-560057, Phone No. 080-28372801/2 Fax: 28372797, www.sapthagiri.edu.in



Sapthagiri College of Engineering (SCE) was established in the year 2001 by Late Sri. T. G. Charitable Trust with a vision to transform students into competent, inspired and responsible professionals. Following the footsteps of his present Chairman of the institute. It is affiliated to Visvesvaraya University, Belgium and approved by the All India Council for Technical Education. This college is located at Chikkasandra, Hesaraghatta Main Road, Bangalore in 6 acres of land, huge lung space & with good infrastructure.

### ABOUT WORKSHOP

11/09/2015	Filing tax form	Roopa K P
10/09/2015	Scholarship form Filing	Dhamodar
	Exam Filing	Ravishankar

Electronic governance or E-governance is the application of information and communication technology (ICT) for delivering student services, exchange of information, communication transactions, integration of various stand-alone systems between University to Faculty, University to Students, University to Society as well as back-office processes and interactions within the entire University framework through e-governance, government services are made available to students in a convenient, efficient, and transparent manner. The three main target groups that can be distinguished in governance concepts are government, citizens, and businesses/interest groups. In e-governance, there are no distinct boundaries.





Sri Sripivasa Educational & Charitable Trust  
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Chikkasandra, Hesaraghatta Road, Bangalore-560057

**Workshop on E-Governance**

**Attendance sheet**

Sl. No.	Name of office staff	7.9.15	8.9.15	9.9.15	10.9.15	11.9.15
1	Mahalakshmi R					
2	Padmashree G					
3	NayanaRangaraj	Nayana	Nayana	Nayana	Nayana	Nayana
4	Ramesh M					
5	Hanume Gowda K H					
6	Rajanna N					
7	Jayashree B					
8	Sayesuthe A M	Am. Saye	Am. Saye	Am. Saye	Am. Saye	Am. Saye
9	Jyothirmayee P H	Jyot	Jyot	Jyot	Jyot	Jyot
10	Nagarathna M V					
11	Suma B					

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## Report of Staff Development Program (SDP)

### Introduction

This Staff Development Program (SDP) focused on the procedure to do E-governance. As an office staff it is mandatory for one to know the basics and have a core idea in order to satisfy the purpose of E-governance and establish an acceptable conclusion. The E-governance workshop gave this opportunity to the office staff to enhance their knowledge in digital world. The SDP programme summarized the aspects relating to the VTU resume filling, Affiliation form filling, Exam form filling, Scholarship form filling and Filling tax form. This SDP intended to orient participants towards developing their own ideas with due attention to every stage of E-governance.

### Objectives

The major objectives kept in mind while framing this Staff Development Programme were as follows:

- To understand what E-governance is?
- How to do online fillings?
- To make participants familiar with techniques for different online entry approaches.
- To understand the application of right tools and techniques while entering information.
- To understand the use of E-governance and its applications.
- Enhance the Digital entry Skills.

The programme was attended by 11 participants from Sapthagiri College of Engineering from 07/09/2015 to 11/09/2015. Attendees included only Office staff from varied background. While designing the structure of the programme it was kept in mind that there are going to be people from different background that's why emphasis was given on E-governance as a whole not pertaining to one single field so that maximum can be benefitted out of it.

### Summary

The speakers explained what E-governance was all about. They connected things starting from the rig manual entry to the modern digital entries. They described how the process of E-governance takes place when it comes to filling information. The second issue which they emphasised on was the collection of data. According to them the two sources of data collection are the primary and the secondary sources and one has to choose among the two in accordance to the question which has been framed.

They emphasised on the framing of the E-governance and held it to be the fundamental and initial step to do online filing. One should focus on the suitability of the E-governance and its applicability to which type of online filing. They were made the sessions interactive and based on



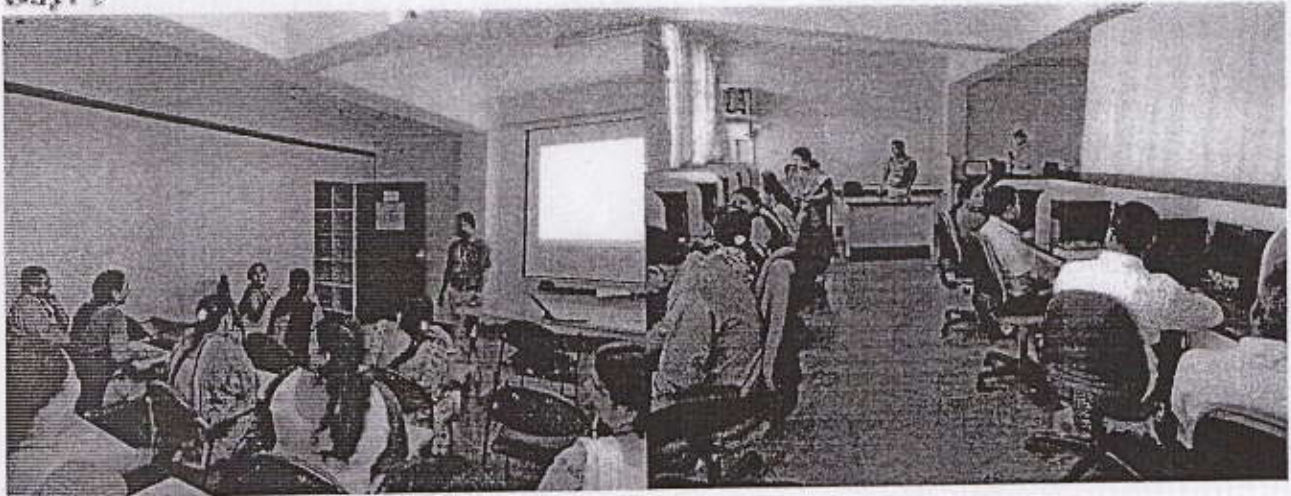
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various examples for better understanding of the E-governance. Last but not the least when the houses were open for questions the office staff were keen to ask and with the same level of enthusiasm they were justifiably answered by professors.

## Day: 1



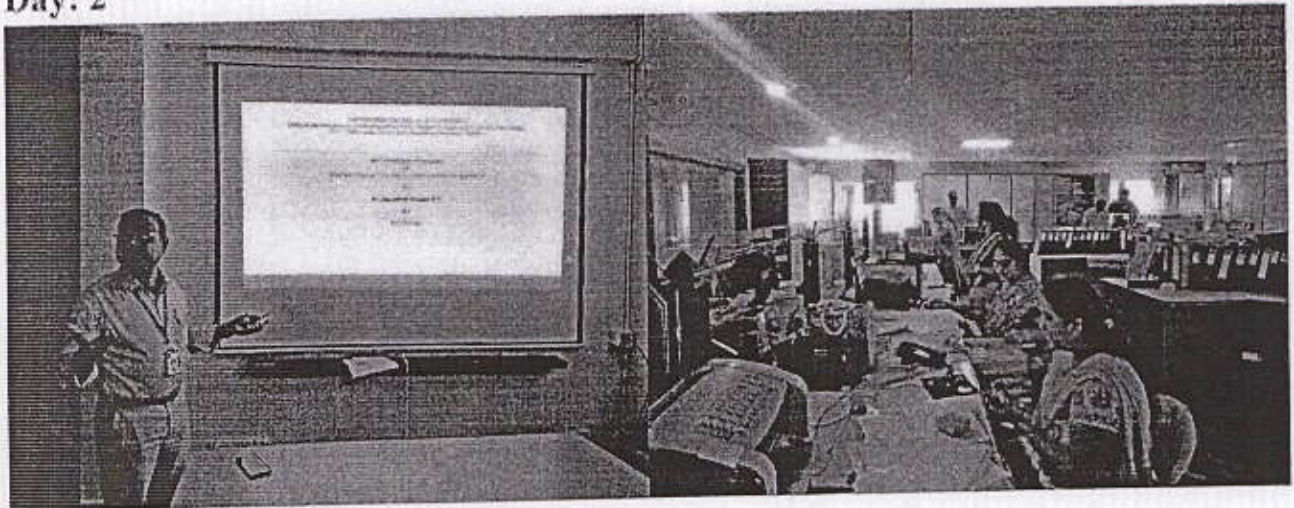
**Dr. Krishna B S, HOD of Chemistry**

**Topic: VTU Resume Filling**

**Morning session: Presentation**

**Afternoon session: Hands on Training**

## Day: 2



**Dr. Jagadeesha Gowda G V, HOD of Physics**

**Topic: VTU/AICTE Affiliation form Filling**

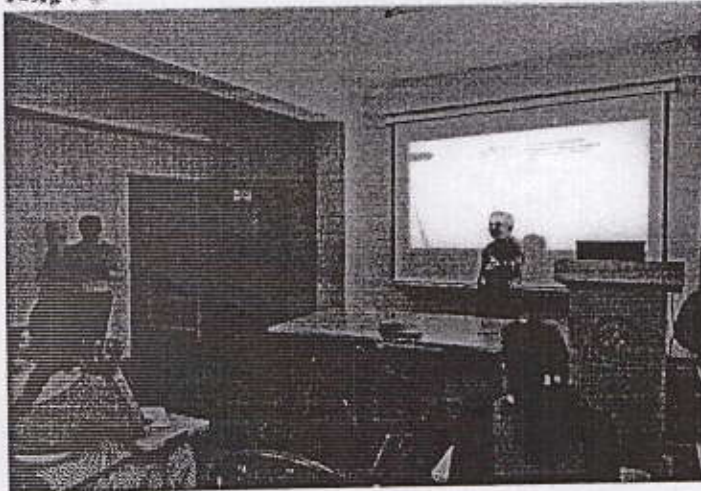
**Morning session: Presentation**

  
**Principal**  
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Afternoon session: Hands on Training

Day: 3



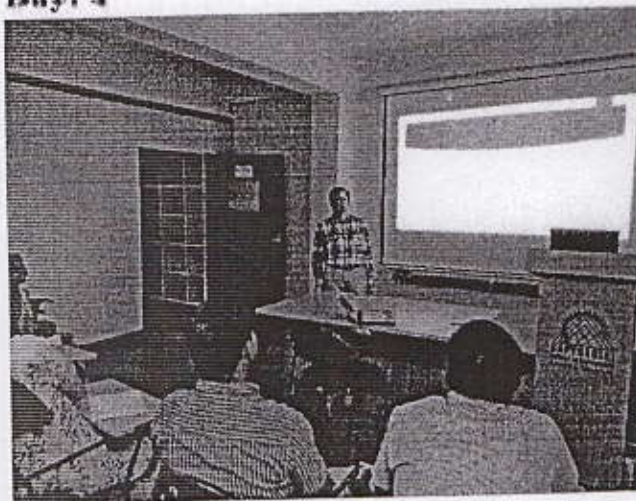
Prof. Ravishankar, Dept. of EC

Topic: VTU Exam form Filling

Morning session: Presentation

Afternoon session: Hands on Training

Day: 4



Prof. Dhamodar, Dept. of EEE

Topic: Scholarship form Filling

Morning session: Presentation



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Bangalore-530 057





# Sapthagiri College of Engineering

Bangalore-560057

## Certificate

This is to certify that Mr. /Ms. Padmashree. B.  
of Sapthagiri College of Engineering. has participated and successfully  
completed Five days Staff Development Program on "E-governance" organized by  
the Department of Basic Science, Sapthagiri College of Engineering from 07/09/2015  
to 11/09/2015

  
Dr. B S Krishna

HOD, Dept. of Chemistry

  
Principal

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Principal



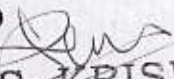



Date: 15/07/2015

**Meeting Circular**

A meeting is scheduled on 16/07/2015 (Thursday) at 10:30 PM in Department of Chemistry. This meeting will be regarding conduction of FDP.

HOD

  
**Dr. B. S. KRISHNA**  
Dept. of Chemistry  
Professor & Head  
Department of Chemistry  
Sapthagiri College of Engineering  
BENGALURU - 560 057.  
Copy To,

1. HOD of Physics 

2. HOD of Biotechnology 

  
Principal


**Sapthagiri College of Engineering**  
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Date: 25-7-2015

### Circular

Faculties of Department of Biotechnology and Department of Basic Science are here by informed to attend five days faculty development programme titled as **Application of Electrochemistry in Biotechnology** from **27-7-2015 to 31-7-2015**. All the Faculty register their names with Faculty Coordinator Mrs Roop KP, Department of Chemistry.

  
**Dr. B.S. KRISHNA**  
HOD of Chemistry  
Professor & Head  
Department of Chemistry  
Sapthagiri College of Engineering  
BENGALURU - 560 057.

1. HOD of Physics 

2. HOD of Biotechnology 

  
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**DEPARTMENT OF BIOTECHNOLOGY AND DEPARTMENT OF BASIC SCIENCE**

**Five days Faculty Development Programme on**

***"Application of Electrochemistry in Biotechnology"***

27-7-2015 to 31-7-2015 Monday to Friday

**SCHEDULE**

Day-1, 27-07-2015	
Time	Event
09.30-11.00am	Inauguration
11.00-11.30am	TEA BREAK
11.30am-1.00pm	<b>Session 1: Mrs. Vinutha Moses</b> Power generation from kitchen and industrial waste water using Microbial Fuel Cells (MFCs) with graphite cathode and anode
1.00-2.00pm	LUNCH BREAK
2.00-3.00pm	<b>Session 2:</b> Electrochemistry in Biomedical applications
3.00-3.30pm	TEA BREAK
3.30-4.30pm	<b>Session 3: Dr. BS Krishna, Professor and Head, Department of Chemistry, SCE, Bangalore</b> An extensive studies on searching of phytochemical anode for Solar cells
Day-2, 28-07-2015	
09.30-11.00am	<b>Session 4: Dr Grushanth</b> Implementation of Phytochemicals to overcome corrosion behaviour on Mild Steel
11.00-11.30am	TEA BREAK
11.30am-1.00pm	<b>Session 5:</b> Electrochemical Methods in Biosensing Technologies
1.00-2.00pm	LUNCH BREAK
2.00 pm to 4.30pm	<b>Lab Session 1:</b>  <b>Determination of EMF by Daniel cell method</b>
Day-3, 29-07-2015	
09.30-11.00am	<b>Session 6: Dr Sharath</b> Application of Electrochemistry in Every Day Life
11.00-11.30am	TEA BREAK
11.30am-1.00pm	<b>Session 7: Dr Sunil More</b> Electrochemical and electro synthetic techniques in analysis of natural and synthetic products
1.00-2.00pm	LUNCH BREAK
2.00 pm to 4.30pm	<b>Lab session2:</b> <b>Determination of conductivity with respect to different Electrolytes In an electrochemical cell</b>

Principal

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Day-4, 30-07-2015	
09.30am-05.00pm	Lab Session 3  Microbial fuel cell preparation
Day-5, 31-07-2015	
09.30-11.00am	Session 8: Dr Veena S More Enzymes natural redox partner for enzyme electrochemistry
11.00-11.30am	TEA BREAK
11.30am-1.00pm	Session 9: Dr Shashidhara S Kenkere  Electrochemical studies on 3D printed Glucose monitoring machine
1.00-2.00pm	LUNCH BREAK
2.00 -4.00PM	PANEL DISCUSSION & VALEDICTORY

*[Signature]*  
**Dr. B.S. KRISHNA**  
Professor & Head  
Department of Chemistry  
Sapthagiri College of Engineering  
BENGALURU - 560 057.

*[Signature]*  
**Principal**  
**Sapthagiri College of Engineering**  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057



Registration Form  
*Faculty Development  
Programme*

**Applications of  
Electrochemistry in  
Biotechnology**

27-7-2015 to 31-07-2015  
Monday-Friday

*Participant Details*

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

Dept : \_\_\_\_\_

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

Mobile : \_\_\_\_\_

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

Signature of the Participant

PATRONS

Sri. G Dayanand  
Chairman, SCE

Sri. G D Manoj  
Executive Director, SCE

Dr. Puttamadappa C  
Principal, SCE

ORGANISERS

Dr B S Krishna  
HOD, Chemistry

Dr. Ananda S  
HOD, BT

Dr. Jagadeesh Gowda  
HOD, Physics

Co-ordinators

Prof. Roopa KP  
AP, Dept of Chemistry

Prof. Shobha G  
AP, Dept of BT

Principal

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Bengaluru - 560 057



SAPTHAGIRI COLLEGE OF  
ENGINEERING  
Affiliated to VTU, Belagavi

*Five Day Faculty  
Development Programme*  
on

**Applications of  
Electrochemistry in  
Biotechnology**

27-7-2015 to 31-07-2015

Monday-Friday

DEPARTMENT OF BIO-TECHNOLOGY  
AND

DEPARTMENT OF BASIC SCIENCES





## Sapthagiri College of Engineering

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### *Application of Electrochemistry in Biotechnology*

The Department of Biotechnology and Department of Basics Science jointly organized the FDP programme on "**Application of Electrochemistry in Biotechnology**" from 27-7-2015 to 31-7-2015. The FDP was organized for Faculties of Department of Biotechnology and Basics science. Electrochemical and electro synthetic techniques in analysis of natural and synthetic products, in their relationship with bioactive properties

#### **Objectives of Programme**

1. To know about the electrochemistry with the enzyme confined to an electrode surface
2. To Know about MFC as bio-electrochemical systems capable to convert the chemical energy of organic substrates into electricity
3. Application of Electrochemistry
4. Hands on Training

#### **Summary of the Event**

The speaker **Mrs. Vinutha Moses** explained how Power generated from kitchen and industrial waste water can be detected using Microbial Fuel Cells (MFCs) with graphite cathode and anode. **Dr. BS Krishna**, Professor and Head, Department of Chemistry, SCE, Bangalore delivered a lecture on extensive studies on developing phytochemical anode for Solar cells. **Dr. Grushanth** and **Dr. Sharth Kumar** talk about, the application of phytochemical products to resist corrosion behaviour on mild steel and also discussed about various electrochemical methods for development of biosensors and explained about electrochemistry in everyday life. **Dr. Sunil More**, Prof and Head, Department of Biochemistry, Jain College, Bangalore highlights on the different techniques which are based on electrochemistry that are used for analysis of natural and synthetic products. **Dr. Veena S More**, Prof and Head, Department of Biochemistry, Rammaiah College, delivered a lecture on Enzymes natural redox partner for enzyme electrochemistry which highlight a small selection on multiple synergistic facets of enzyme electrochemistry. **Dr. Shashidhara S Kenkere**, Prof, Department of Genetics, Agricultural University, Hassan delivered a talk on importance of imidazolone Schiff base in the nutraceutical value and identification methods. The other speakers from industry and academia share their knowledge through lectures and hands on experience. The programme also focused on Stress

Principal

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**ATTENDANCE LIST**

**Event Name: Application of Electrochemistry in Biotechnology**

**Date: 27-7-2015 to 31-7-2015**

Sl.No	Faculty Name	DAY-1		DAY-2		DAY-3		DAY-4		DAY-5	
		MS	AS	MS	AS	MS	AS	MS	AS	MS	AS
1	Soumya.C	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
2	Dr. Rohit KC.	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
3	Blenny Baby Mathol.	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
4	Krishnamurthy TP	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
5	Vinutha More.	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
6	Dr. Krishna murthy NB	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
7	Saranya	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
8	Prashanth Kumar HP	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
9	Vijay Kishore	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
10	Shobha. G	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
11	Dr. Shashidhar KS	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

*[Signature]*  
**DR. B.S. KRISHNA**  
Professor & Head  
Department of Chemistry  
Sapthagiri College of Engineering  
BANGALURU - 560 057

*[Signature]*  
**Principal**  
**Sapthagiri College of Engineering**  
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**Event Name:** Application of Electrochemistry in Biotechnology

**Date: 27-7-2015 to 31-7-2015**

[illegible]

  
Dr. B.S. KRISHNA  
Professor & Head  
Department of Chemistry  
Sapthagiri College of Engineering  
BENGALURU - 560 057.

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Sapthagiri College of Engineering  
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#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560057

Department of Biotechnology and Department of Basic Sciences

Faculty Development Programme

on

“Application of Electrochemistry in Biotechnology”

## CERTIFICATE OF PARTICIPATION

This is to certify that Dr/Mr/Ms Gnanendra D.S of  
Sapthagiri College of Engineering has successfully participated in the 5 days Faculty  
Development Program held at Sapthagiri College of Engineering, Bengaluru, on 27<sup>th</sup> to 31<sup>st</sup> July 2015.

  
CO-ORDINATORS

  
CONVENER

  
PRINCIPAL

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





DEPARTMENT OF CIVIL ENGINEERING

**SAPTHAGIRI COLLEGE OF ENGINEERING**

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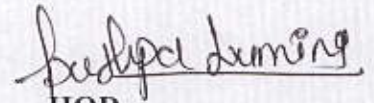
Fax: 080-28 372797

**ACADEMIC YEAR 2015-2016**

Date: 12/07/2015

**CIRCULAR**

Faculties are hereby informed that the department is conducting a faculty development programme titled as 'ANALYSIS OF INDETERMINATE STRUCTURES' for five days from 27<sup>th</sup> July 2015 to 31<sup>st</sup> July 2015. Interested faculties can register their names with Prof. KRUPA T L

  
HOD

Dept. of civil

  
Principal  
Sapthagiri College of Engineering  
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**ACADEMIC YEAR 2015-2016**

**Minutes of Meeting**

A meeting of all the faculties was held on 02-07-2014 at HOD's office, Department of civil, Sapthagiri College of Engineering.

Prof KRUPA T L, Associate Professor & Head chaired the meeting and greeted all faculty.

In the meeting the syllabus, schedule and budget of five days faculty development programme on stability of structures

**Syllabus**

Slope Deflection Method, Kani's Method, moment distribution method, stiffness matrix method, flexibility matrix method

**Detailed Syllabus & Schedule**

**DAY 1 - Introduction**

**Date: 07/27/2015**

Time	Topics
08:30 am To 10:15 am	Introduction, sign convention, development of slope deflection equation,
<b>Tea Break</b>	
10:30 am To 12:30 pm	analysis of continuous beams including settlements, Analysis of orthogonal rigid plane frames including sway frames with kinematic indeterminacy $\leq 3$
<b>Lunch Break</b>	
01:30 pm To 03:00 pm	Introduction, Definition of terms, Development of method,
<b>Tea Break</b>	
03:15 pm To 04:00 pm	Analysis of continuous beams with support yielding, Analysis of orthogonal rigid plane frames including sway frames with kinematic indeterminacy $\leq 3$

**DAY 2 - CONCEPT OF BENDING MOMENT**

**Date: 07/28/2015**

Time	Topics
08:30 am To 10:15 am	Introduction, Concept, Relationships between bending moment and deformations,
10:30 am To 12:30 pm	Analysis of continuous beams with and without settlements, Analysis of frames with and without sway
01:30 pm To 03:00 pm	Introduction, Axes and coordinates, Flexibility matrix, Analysis of continuous beams and plane trusses using system approach,



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**ACADEMIC YEAR 2015-2016**

03:15 pm To 04:00 pm	Analysis of simple orthogonal rigid frames using system approach with static indeterminacy $\leq 3$
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**DAY 3 – STIFFNESS MATRIX AND FLEXIBILITY MATRIX**

**Date: 07/29/2015**

Time	Topics
08:30 am To 10:15 am	Introduction, Stiffness matrix,
<b>Tea Break</b>	
10:30 am To 12:30 pm	Analysis of continuous beams and plane trusses using system approach
<b>Lunch Break</b>	
01:30 pm To 03:00 pm	Analysis of simple orthogonal rigid frames using system approach with kinematic indeterminacy $\leq 3$
<b>Tea Break</b>	
03:15 pm To 04:15 pm	Numericals on manual analysis methods.

**DAY 4 : slope deflection equation**

**DATE : 07/30/2015**

Time	Topics
08:30 am To 10:15 am	Introduction, sign convention, development of slope deflection equation,
<b>Tea Break</b>	
10:30 am To 12:30 pm	analysis of continuous beams including settlements, Analysis of orthogonal rigid plane frames including sway frames with kinematic indeterminacy $\leq 3$
<b>Lunch Break</b>	
01:30 pm To 03:00 pm	Introduction, Definition of terms, Development of method,
<b>Tea Break</b>	
03:15 pm To 04:00 pm	Analysis of continuous beams with support yielding, Analysis of orthogonal rigid plane frames including sway frames with kinematic indeterminacy $\leq 3$

**DAY 5: Analysis of continuous beams**

**DATE : 07/31/2015**

Time	Topics
08:30 am To 10:15 am	Introduction, sign convention, development of slope deflection equation,
<b>Tea Break</b>	
10:30 am To 12:30 pm	analysis of continuous beams including settlements, Analysis of orthogonal rigid plane frames including sway frames with kinematic indeterminacy $\leq 3$





DEPARTMENT OF CIVIL ENGINEERING

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ACADEMIC YEAR 2015-2016

Lunch Break	
01:30 pm To 03:00 pm	Introduction, Definition of terms, Development of method,
Tea Break	
03:15 pm To 04:00 pm	Analysis of continuous beams with support yielding, Analysis of orthogonal rigid plane frames including sway frames with kinematic indeterminacy $\leq 3$

  
Principal  
Sapthagiri College of Engineering  
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### 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 Late Giryappa, 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 2001. 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 be a best institution imparting quality engineering education to deal with community needs through learning and performance.

### Mission

To implement path breaking student centric education methods. - To augment talent, nurture teamwork to transform to develop individual as responsible citizen. -To educate the students and faculties about entrepreneurship to meet vibrant requirements of the society. -Strengthen Industry-Institute Interaction for knowledge sharing.

### 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 T, Sapthagiri Group of Institutions

### Patrons

#### Dr.K N Ravi

Principal, SCE, Bengaluru

#### Convener

Prof. Pushpa Lumina

Prof.& HOD,Dept. of CV, SCE, Bengaluru

### FDP Coordinator

Mrs.Krupa T L

Asst.Professor, SCE, Bengaluru

### Faculty Development Programme

On

### Analysis Of Indeterminate Structure

On

27<sup>th</sup> -31<sup>st</sup> July 2015

Organized by

### Sapthagiri College of Engineering

Department of Civil Engineering

#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru  
560057

Phone: 080-28372800/01/02/03



### About the Course:

- Overview of Analysis of indeterminate structure
- Sign convention, Development of slope deflection.
- Analysis of continuous beam
- Relation between bending moment and deformation.
- Analysis of continuous beam wit and without settlement
- Flexibility matrix method and stiffness matrix
- Analysis of orthogonal rigid plane
- Analysis of continuous beam with support yielding

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**ACADEMIC YEAR 2015-2016**

**Report On Analysis Of Indeterminate Structures**

Aiming to provide an intense training on stability of structures for our civil engineering faculties, Sapthagiri College of Engineering held during from 27<sup>th</sup> July 2015 to 31<sup>st</sup> July 2015. THE RESOURCE PERSONS ARE Prof. Arpitha D J AND Prof. Arjun C Haktoor. (asst. prof SCE )

Overall the faculties felt that the session was informative & gain knowledge about stability of structures. This faculty development programme provided a platform for the faculty to understand the concepts of analysis of indeterminate structures and also makes the faculty to deliver the contents effectively and the students to understand thoroughly.



*Parvatha Laxminarayana*  
HOD

PRINCIPAL

*[Signature]*  
Principal  
Sapthagiri College of Engineering  
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Bangalore- 560 057



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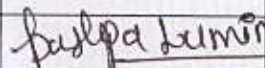
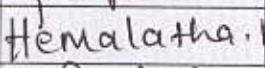
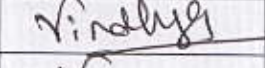

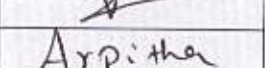
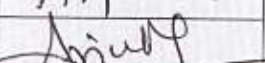

**ACADEMIC YEAR 2015-2016**

**FACULTY DEVELOPMENT PROGRAMME**

**ON**

**Analysis of indeterminate structures**

**Faculty Attendance**

Sl No.	Faculty Name	Designation	Signature
1	Prof. Pushpa Lumina	HOD	
2	Prof. Hemalatha. K	Assistant professor	
3	Prof. Vindhya Bhagwan	Assistant professor	
4	Prof. Vindhya R G	Assistant professor	
5	Prof. Krupa.T.L	Assistant professor	
6	Prof. Arpitha D J	Assistant professor	
7	Prof. Arjun C Haktoor	Assistant professor	

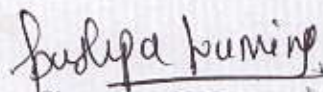


Signature of coordinator



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Signature of HOD





# Sapthagiri College of Engineering

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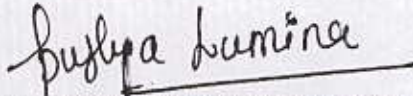
## Certificate

**This is to Certify that Mr./Ms.** ARPITHA D.G

**of** CIVIL ENGG. DEPT **has participated and successfully completed Five days Certification Course on**

## **“ANALYSIS OF INDETERMINATE STRUCTURES”**

**From 27<sup>th</sup> July 2015 to 31<sup>st</sup> July 2015 organized by the Department of civil Engineering, Sapthagiri College of Engineering.**

  
**Prof. PUSHPA LUMINA**  
**HOD, Dept of CV**

  
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**Principal**

  
**Principal**  
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Fax: 080-28 372797

**ACADEMIC YEAR 2015-2016**

**Date: 22/07/2015**

### CIRCULAR

Department of Electronics and Communication Engineering is conducting a five days faculty development programme on **Digital image processing basics to recent trends** for the technical developments of the faculty from 27<sup>th</sup> July 2015 to 31<sup>th</sup> July 2015. All the faculty can register their names with Prof. Varshini.K and Prof. Prathiba.P

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

**HOD**  
**Department of ECE**

Head of the Department  
Electronics & Communication  
Sapthagiri College of Engineering  
Bangalore- 560 057





DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

## SAPTHAGIRI COLLEGE OF ENGINEERING

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Fax: 080-28 372797

ACADEMIC YEAR 2015-2016

### Minutes of Meeting

A meeting of all the faculties was held on 16/07/2015 at HOD's office, Department of ECE, Sapthagiri College of Engineering.

#### Agenda:

- In the meeting the syllabus, schedule of five days faculty development programme on **Digital image processing basics to recent trends** to faculty members was discussed and approved by the HOD.

Programme schedule:

#### Detailed Syllabus & Schedule

##### DAY 1 - Introduction

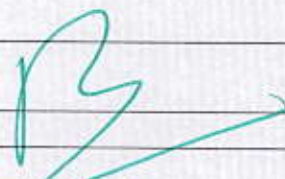
Date: 27/07/2015

Time	Topics
08:30 am To 10:15 am	Introduction – Origin – Steps in Digital Image Processing – Components – Elements of Visual Perception – Image Sensing
<b>Tea Break</b>	
10:30 am To 12:30 pm	Acquisition – Image Sampling and Quantization – Relationships between pixels – color models.
<b>Lunch Break</b>	
01:30 pm To 03:00 pm	Spatial Domain: Gray level transformations – Histogram processing – Basics of Spatial Filtering – Smoothing and Sharpening Spatial Filtering – Frequency Domain
<b>Tea Break</b>	
03:15 pm To 04:00 pm	Discuss digital image fundamentals.

##### DAY 2 -Getting started with Introduction to Fourier Transform

Date: 28/07/2015

Time	Topics
08:30 am To 10:15 am	Smoothing and Sharpening frequency domain filters

  
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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ACADEMIC YEAR 2015-2016

10:30 am To 12:30 pm	Ideal of Butterworth and Gaussian filters.
01:30 pm To 03:00 pm	The Fourier transform as a tool for solving physical problems.
03:15 pm To 04:00 pm	Fourier series, the Fourier transform of continuous and discrete signals and its properties

### DAY 3 – Basic concepts of Noise models

Date: 29/07/2015

Time	Topics
08:30 am To 10:15 am	Noise models – Mean Filters – Order Statistics
Tea Break	
10:30 am To 12:30 pm	Adaptive filters – Band reject Filters
Lunch Break	
01:30 pm To 03:00 pm	Band pass Filters – Notch Filters – Optimum
Tea Break	
03:15 pm To 04:15 pm	Inverse Filtering – Wiener filtering Segmentation

### DAY 4 – Detection of Discontinuities

Date: 30/07/2015

Time	Topics
08:30 am To 10:15 am	Edge Linking and Boundary detection
Tea Break	
10:30 am To 12:30 pm	Region based segmentation
Lunch Break	
01:30 pm To 03:00 pm	Morphological processing

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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ACADEMIC YEAR 2015-2016

Tea Break	
03:15 pm To 04:15 pm	Erosion and dilation

### DAY 5 – image enhancement and restoration techniques

Date: 31/07/2015

Time	Topics
08:30 am To 10:15 am	Image compression and segmentation techniques
Tea Break	
10:30 am To 12:30 pm	Represent features of images
Lunch Break	
01:30 pm To 03:00 pm	Learn to represent image in form of features
Tea Break	
03:15 pm To 04:00 pm	Image enhancement digital image fundamentals

The following members were present in the meeting and the syllabus and lesson plan for the faculty development programme has been decided.

Sl No.	Faculty Name	Designation	Signature
1.	Prof. Agalya P.	Associate Professor	
2.	Prof. Shobha S.	Associate Professor	
3.	Prof. Ravishankara M. N.	Associate Professor	
4.	Prof. Shobha I Hugar	Assistant Professor	
5.	Prof. Naveen H	Guest Speaker	

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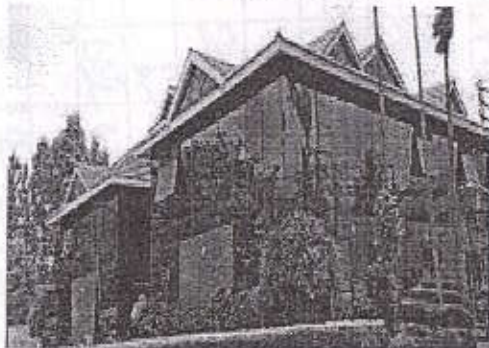




**5 Days FDP  
on**

**“Digital Image Processing Basics to  
Recent Trends”  
27<sup>th</sup> July 2015 to 31<sup>st</sup> July 2015**

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



**Sapthagiri College of  
Engineering**

#14/5, Chikkasandra, Hesaraghatta  
Main Road, Bengaluru 560057

Phone: 080-28372800/01/02/03

### 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 2001. It is approved and accredited by AICTE, New Delhi and is affiliated to VTU Belagavi, Karanataka. 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. The college has secured 22 University ranks and 4 Gold medals.

### 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 Department of Electronics and Communication Engineering (ECE), one of the evergreen and core departments in the Institution was established in the year 2001, is affiliated to Visvesvaraya Technological University (VTU), Belagavi and approved by All India Council for Technical Education (AICTE). The Department offers full-time UG programme in Electronics & Communication Engineering with an intake of 120, PG Programme in VLSI Design and Embedded systems with an intake of 24 and has research center offering Ph.D/M.Sc (Engg.) in Electronics and Communication Engineering recognized by VTU, Belagavi.

### About the Faculty Development Programme:

Its objectives are

- To enhance the Professional skill in the faculty in the field of materials processing.

### Topics Covered

- Basics of Digital Image Processing, applications.
- Current scenario in the industry in recent trends.
- Programmer's model will be demonstrated with the popular C language in windows platform.
- Developed programs for various interfaces and run them on the hardware.

### Resource Persons:

#### **Prof. Sangeeta K Siri**

Assistant professor  
Department of ECE  
SCE, Bengaluru.  
Qualification B. Tech. MTech.

#### **Prof. Naveen H**

Assistant professor  
Department of ECE  
M S Engineering college, Bengaluru.  
Qualification B. Tech . MTech. (PhD).

### Address for Registration /Communication

**Prof.Prathiba P : 9448914448**

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





## SAPTHAGIRI COLLEGE OF ENGINEERING

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Web: [www.sapthagiri.edu.in](http://www.sapthagiri.edu.in), Phone: 080-28372800/1/2

### Department of Electronics and Communication

#### FIVE days FDP Report, ODD Semester 2015-16

#### *Topic: "Digital Image Processing: Basic to Recent Trends"*

Date: 27.07.2015 to 31.07.2015

Time: 9.00 AM to 4.15 PM

Venue: DSP Lab, SCE Bangalore.

1. Name: Prof. Sangeeta K Siri

Current Status: Assistant professor

Department of ECE

SCE, Bengaluru.

Qualification B. Tech. MTech.

**Professional Experience:** Has 17+ years of Teaching experience in various subjects Electronics and communication. Areas of interest include Digital image processing, medical image processing and segmentation. Has published various subjects in National and international journals.

2. Name: Prof. Naveen H

Current Status: Assistant professor

Department of ECE

M S Engineering college, Bengaluru.

Qualification B. Tech. MTech. (PhD).

**Professional Experience:** Has 6+ years of Teaching experience in various subjects Electronics and communication. Areas of interest include Networking and Digital image processing. Has published various subjects in National and international journals.

#### Summary Report:

The Faculty Development Program aimed at helping the faculties of Department of ECE in improving their technical skills in Digital Image Processing domain as education is incomplete without digital technology today. This FDP covered the aspects of Basics of Digital Image Processing, applications, and current scenario in the industry in recent trends. The main theme of this FDP is the hands on training on DSP processor. Its architecture, instruction set and programmer's model will be demonstrated with the popular C language in windows platform. The course was practical oriented. In this workshop participants worked directly on the DSP platform and developed programs for various interfaces and run them on the hardware.

Principal

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## SAPTHAGIRI COLLEGE OF ENGINEERING

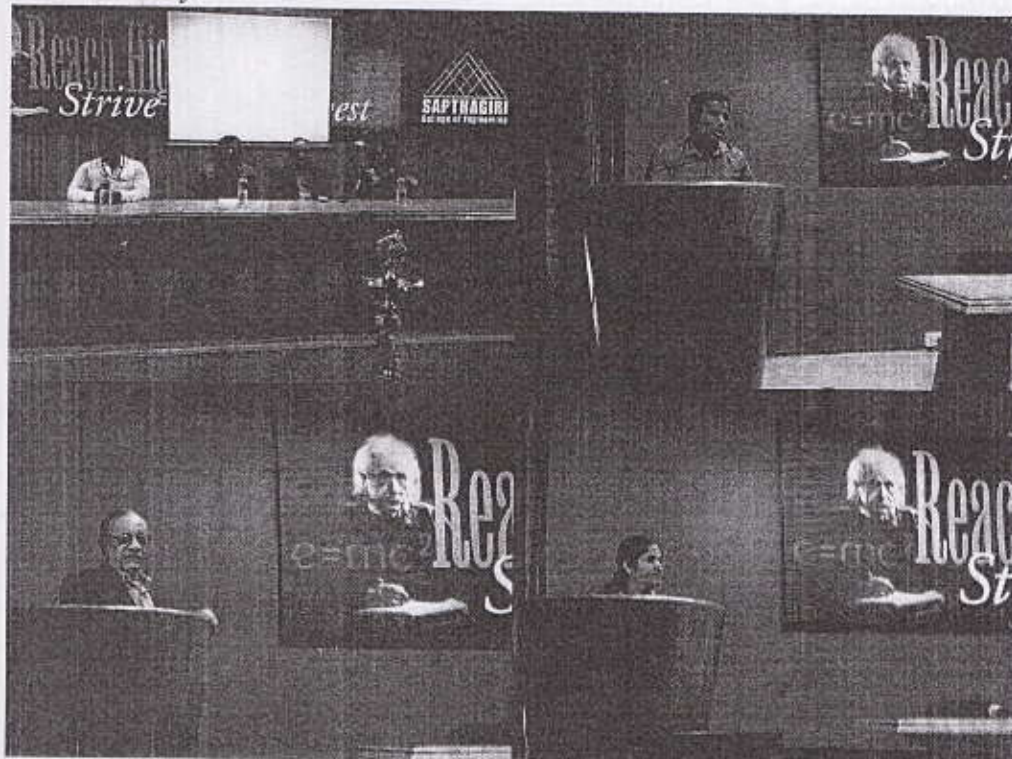
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### Department of Electronics and Communication

#### Photo Gallery:



Inauguration and welcome speech by prof. Sandhya Rani M H, HOD of ECE SCE



Naveen H Assistant professor MS Engineering college delivering speech on image processing

Principal

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Bargalore-560 057

Chairman

Academic committee

Head of the Department  
Electronics & Communication  
Sapthagiri College of Engineering  
Bangalore-560 057



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## Certificate

*This is to Certify that Mr./Mrs. Shobha. S of has participated and successfully completed Five days Workshop on Digital image processing basics to recent trends from 27<sup>th</sup> July to 31<sup>th</sup> July 2015 organized by the Electronics and Communication Engineering Department, Sapthagiri College of Engineering.*

  
HOD

Dept. of ECE

  
Principal  
Sapthagiri College of Engineering  
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Bangalore-560 057

  
Principal



# SAPTHAGIRI COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING  
#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru- 560 057  
Web: [www.sapthagiri.edu.in](http://www.sapthagiri.edu.in)

ACADEMIC YEAR 2015-16

Date: 21/07/2015

## CIRCULAR

All the Faculties are hereby informed about Department is Conducting a Four days Faculty Development Programme on “**Networking and Application Development for IoT Environment**” from 27<sup>th</sup> July 2015 to 31<sup>st</sup> July 2015. Interested Faculties can register their names with Prof. Veena K R, Assistant Professor and Prof. Poornima G J, Assistant Professor.

  
HOD

Copy to

1. The office of the Principal
2. FODs: CSE/ECE/EEE/IS/ME/CV/BT/PHYCHE/MATH

Professor & Head of the Department  
Computer Science Engineering  
Sapthagiri College of Engineering  
Bangalore-57

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



### Registration Details

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

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

Qualification: \_\_\_\_\_

Experience (In Years) Teaching: \_\_\_\_\_

Industry: \_\_\_\_\_

Address for communication: \_\_\_\_\_

Phone Office: \_\_\_\_\_

Mobile: \_\_\_\_\_

E-mail: \_\_\_\_\_

*Signature of Participant*

*Signature of the Head of the  
Organization/Department/Institute with Seal*

### Chief Patrons:

Sri Dayanand G.  
Chairman  
Sri Srinivasa Educational & Charitable Trust

Sri G D Manoj  
Executive Director  
Sri Srinivasa Educational & Charitable Trust

### Patrons:

Dr. Srinivasan N. Director, SCE  
Dr. M. Aswatha Kumar Principal, SCE

### Organizing Chair:

Dr. C M Prashanth  
Professor & Head

### Co-ordinator:

Prof. Poomima G J  
Assistant Professor

Prof. Veena K R  
Assistant Professor

**Principal**  
**Sapthagiri College of Engineering**  
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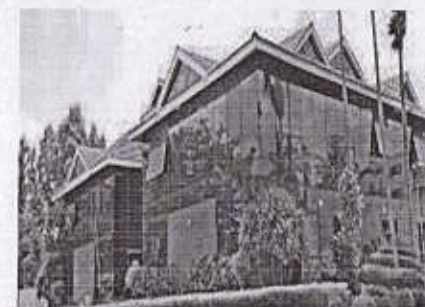
**SAPTHAGIRI COLLEGE OF  
ENGINEERING**

*Four days Faculty Development*

*Programme on*

**“Networking and  
Application Development  
for IoT Environment”**

27<sup>th</sup> July to 31<sup>st</sup> July 2015



Organized by:

Department of Computer Science & Engineering  
**SAPTHAGIRI COLLEGE OF ENGINEERING**

Recognized by AICTE, New Delhi & Affiliated to VTU, Belgaum

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**ACADEMIC YEAR 2015-16**

**Five days FDP on "Networking and Application Development for IoT Environment" on 27<sup>th</sup> July 2015 to 31<sup>st</sup> July 2015**

**Programme schedule**

DATE/DAY	TIME	EVENT, SPEAKER & TOPIC COVERED	VENUE
27/07/2015 MONDAY	9:00 AM-10:00 AM	Registration	Academic Block Entrance
	10:00 AM -10:40 am	Inaugural Function	Seminar Hall
	10:40 am -11 :00 am	Tea Break	
	11:00 am -1:00 pm	<b>Lecture-1: Prof. Veena Gadad</b>  • Introduction to IoT	ALH-114
	1:00 pm- 2:00pm	Lunch Break	
28/07/2015 TUESDAY	9:00 AM- 10:40 AM	<b>Lecture-3: Prof. Kamalakshi Naganna</b>  • Basics of Networking	ALH-114
	10:40 am -11 :00 am	Tea Break	
	11:00 am -1:00 pm	<b>Lecture-4: Prof. roopa Banakar</b>  • Communication Protocols	ALH-114
	1:00 pm- 2:00pm	Lunch Break	
	2:00pm -4:00 pm	<b>Lecture-5: Hands-on session</b>	ALH-114
29/07/2015 WEDNESDAY	9:00 AM-10:40 AM	<b>Lecture-6: Prof. Ragini Krishna</b>  • Sensor Networks	ALH-114
	10:40 am -11 :00 am	Tea Break	
	11:00 am -1:00 pm	<b>Lecture-7: Prof. Rajeev Bilagi</b>  • Interoperability in IoT	ALH-114
	1:00 pm- 2:00pm	Lunch Break	
	9:00 AM-10:40 AM	<b>Lecture-9: Prof. Rajeev Bilagi</b>  • Introduction to Raspberry Pi	ALH-114
30/07/2015 THURSDAY	10:40 am -11 :00 am	Tea Break	
	11:00 am -1: 00pm	<b>Lecture-9: Prof. Veena</b> Hands on Session	ALH-114
	1:00 pm- 2:00pm	Lunch Break	
	9:00 AM-10:40 AM	<b>Lecture-11: Prof. Ancy Thomas</b>  • Implementation examples of IoT with Raspberry Pi	ALH-114
31/07/2015 FRIDAY	10:40 am -11 :00 am	Tea Break	
	11:00 am -1:00 pm	<b>Valedictory Function</b>	ALH-206

Principal

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Principal

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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Four days FDP on "Networking and Application Development for IoT Environment "from 27<sup>th</sup> July to 31<sup>st</sup> July 2015

## ATTENDANCE REPORT

SL. No.	Name	Day 1 27/07/2015 THURSDAY		Day 2 28/07/2015 FRIDAY		Day 3 29/07/2015 SATURDAY		Day 4 31/07/2015 MONDAY	
		FN	AN	FN	AN	FN	AN	FN	AN
1	Dr.C.M.Prashanth								
2	Prof.KamalakshiNaganna								
3	Mr. Rajeev Bilagi								
4	Mrs.Ancy Thomas								
5	Mrs.Ragini Krishna								
6	Mrs.Veena V Pattankar								
7	Mrs.Latha.A								
8	Mrs.RoopanBanakar								
9	Mrs.Poorinima.G J								
10	Mrs.Rashmi.R								
11	Mrs.Sushmitha.J								

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12	Mrs.Ranjitha.B	Sb	Sb	Sb	Sb	Sb	Sb	Sb	Sb
13	Mrs.Harini.S	SP	SP	SP	SP	SP	SP	SP	SP
14	Mrs.Pathanjali.C	R	R	R	R	R	R	R	R
15	Mrs.Madhushree	M	M	M	M	M	M	M	M
16	Mrs.VeenaGadad	Veena	Veena	Veena	Veena	Veena	Veena	Veena	Veena
17	Miss. Veena K R	Ull	Ull	Ull	Ull	Ull	Ull	Ull	Ull
18	Mrs.Sheethal Raj T G	Sh	Sh	Sh	Sh	Sh	Sh	Sh	Sh
19	Mrs.Nanda.M.B	A	A	A	A	A	A	A	A
20	Mrs.Arptha.S	As	As	As	As	As	As	As	As
21	Mrs.Kavitha.S	KS	KS	KS		KS	KS	KS	KS
22	Mr.Harisha C N	Har	Har	Har	Har	Har	Har	Har	Har
23	Mr.Vikas B O	V	V	V	V	V	V	V	V
24	Mrs.Veena V	V	V	V	V	V	V	V	V
25	Mrs.AnuradhaBadage	mm	mm	mm	mm	mm	mm	mm	mm

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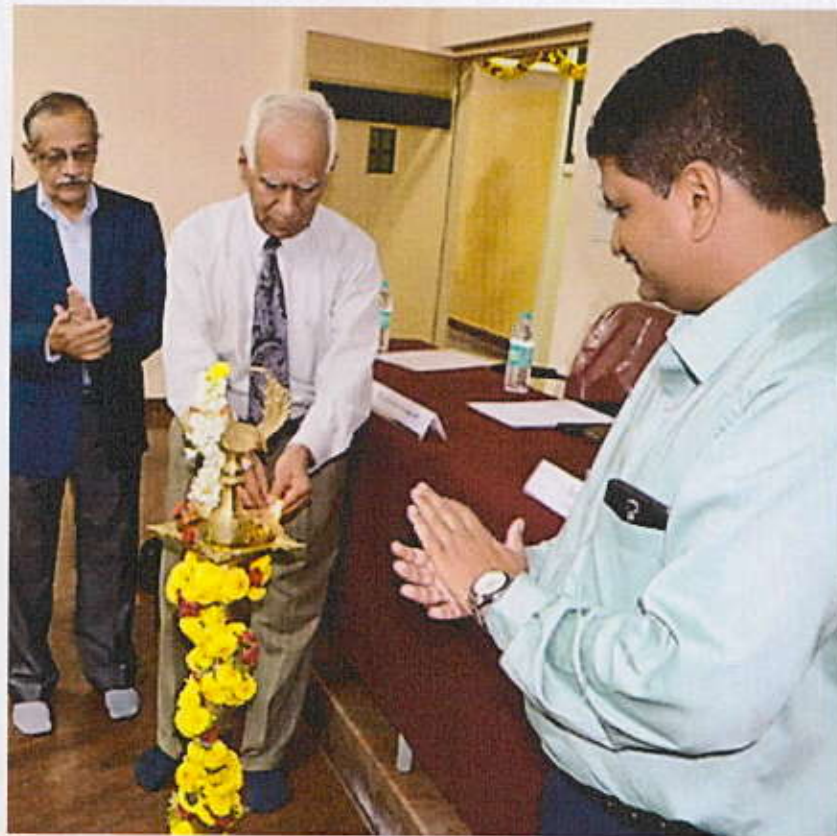
**ACADEMIC YEAR 2015-16**

**REPORT ON**

**Four days FDP on “Networking and Application Development for IoT Environment”  
on  
27<sup>th</sup> July 2015 to 31<sup>st</sup> July 2015**

The FDP focused on the technical concepts of ability to connect machines, devices, sensors and other everyday things into an intelligent network and make sense out of them. Networking Topologies are key consideration when designing IoT networks topology. Dr. C M Prashanth, HCD, CS&E an expert on subject, enhanced the technical knowledge to all faculty members.

The hands on session was very helpful for the up gradation of subject knowledge.



Dr. N Srinivasan, Director, SCE, Started the Program by Lighting the Lamp in Inaugural Function.

Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta R.  
Bangalore-560 057



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING  
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**ACADEMIC YEAR 2015-16**



Prof. Roopa Banakar helping out the Participants during the hands-on session.

Convener

Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesarghatta Road,  
Bengaluru-560 057

Chairman



# SAPTHAGIRI COLLEGE OF ENGINEERING

#14/5, HESARAGHALTA MAIN ROAD, BENGALURU - 560057

## Certificate of Participation

This is to certify that

Mr./Ms. Prof. Poornima. A. J.  
Successfully participated in the Faculty Development Program on  
"Networking and Application development for IoT Environment" from  
27/07/2015 to 31/07/2015 organized by Department of Computer Science &  
Engineering, Sapthagiri College of Engineering, Bengaluru- 560057.

*[Signature]*  
HOD

Professor & Head of the Department  
of Computer Science Engineering

Principal

Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road,

*[Signature]*  
PRINCIPAL  
Principal

Sapthagiri College of Engineering





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Phone: 080-28 372800/1/2

Fax: 080-28 372797

### DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Date: 05/06/2015

### CIRCULAR

Faculties are hereby informed that department is conducting following FDP:

**Subject:** "Recent trends in electrical transmission"

**Date:** 27<sup>th</sup> July 2015 to 31<sup>st</sup> July 2015.

**Resource Person:** Dr. C.S. Raviprasad, GM, KEC.

All are requested to attend the FDP without fail.

  
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HOD  
Dept. of EEE



## SAPTHAGIRI COLLEGE OF ENGINEERING

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Phone: 080-28 372800/1/2

Fax: 080-28 372797

### DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

### Minutes of Meeting

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

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

Committee discussed the syllabus, schedule, etc. to conduct five days FDP on "Recent trends in electrical transmission" from 27<sup>th</sup> July 2015 to 31<sup>st</sup> July 2015 and the same was approved by the HOD.


### Detailed Syllabus & Schedule

#### DAY 1 - Date: 27/07/2015

Time	Topics
09:30 am To 11:30 am	Inauguration, Invocation, welcome speech, Introduction of resource person, presidential address
<b>Tea Break</b>	
11:30 am To 1:30 pm	Transmission Line performance parameters.
<b>Lunch Break</b>	
02:30 pm To 04:00 pm	Overhead and Underground transmission

#### DAY 2 - Date: 28/07/2015

Time	Topics
09:30 am To 11:00 am	Bulk Power Transmission
<b>Tea Break</b>	
11:30 am To 1:30 pm	Control, Load Balancing.
<b>Lunch Break</b>	
02:30 pm To 04:00 pm	Electricity Market Reform, Cost of Electric Power Transmission.

  
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### DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

#### DAY 3 – Date: 29/07/2015

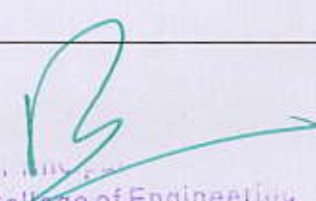
Time	Topics
09:30 am To 11:00 am	Importance of voltage regulation in Transmission system.
<b>Tea Break</b>	
11:30 am To 1:30 pm	Merchant Transmission
<b>Lunch Break</b>	
02:30 pm To 04:00 pm	Analysis of Failures & Protection Systems in Transmission Lines.

#### DAY 4 – Date: 30/07/2015

09:30 am To 4:00 am	VISIT TO SUBSTATION
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#### DAY 5 – Date: 31/07/2015

Time	Topics
09:30 am To 11:00 am	Health Concerns, Policy by Country
<b>Tea Break</b>	
11:30 am To 1:30 pm	Research Trends in Transmission & Distribution
<b>Lunch Break</b>	
02:30 pm To 04:00 pm	Question / Answer session, Feed Back, Valedictory Function etc

  
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Fax: 080-28 372797

### 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 Ramya M	Member	



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Bangalore- 560 057



**REGISTRATION FORM**  
**5 Days Faculty Development**  
**Programme**  
**on**

**“Recent trends in electrical  
transmission”**

**FROM 27<sup>th</sup> July 2015 to 31<sup>st</sup> July 2015**

**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 M,**  
Principal, SCE, Bengaluru

**Program Coordinator**

**Prof. Ramya M**  
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. Guru Prasanna.**  
Senior Grade Lecturer, EEE, SCE, Bengaluru

Principal  
**Sapthagiri College of Engineering**  
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**5 Days Faculty Development Programme**  
**on**

**“Recent trends in electrical  
transmission”**

**FROM 27<sup>th</sup> July 2015 to 31<sup>st</sup> July 2015**

**Organized by**  
**Department of**  
**Electrical and Electronics**  
**Engineering**



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**2015-16(ODD)**

**List of participants and Attendance- FDP on "Recent Trends in Electrical Transmission"**  
**From 27<sup>th</sup> July 2015 to 31<sup>st</sup> July 2015**

Sl. No.	Name of the Faculty	27/07/15		28/07/15		29/07/15		30/07/15		31/07/15	
		FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	A. Dhamodasan	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2	Guru prasanna	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3	Thanshi K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
4	✓ DR. K.N. RAVI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
5	✓ A.M. LEEA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
6	✓ ASHWINI.C.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
7	✓ MANJULA.N.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
8	✓ RAMYA.A.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
9	✓ YOUSUF MAMA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
10	✓ R. RUKMANJAYA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
11	✓ RAJANI.H.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
12	✓ Relchav	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13	✓ Divya.N.S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
14	✓ KRUPA.Y.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
15											

Principal

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

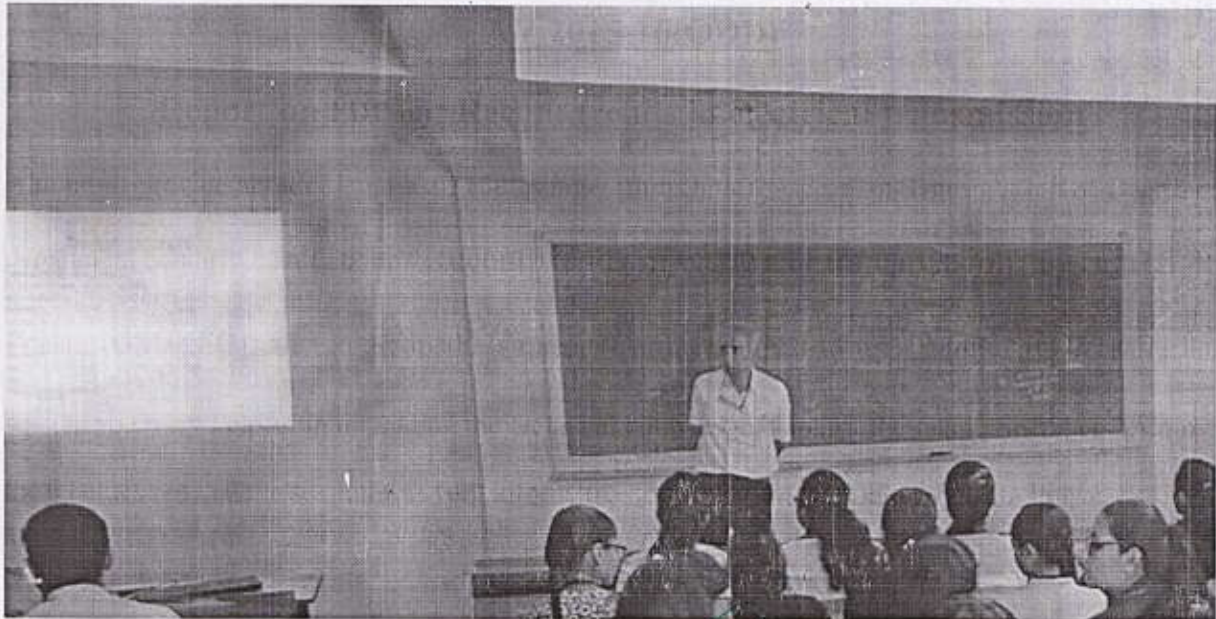



**Sapthagiri College of Engineering**  
14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057  
**Department of Electrical and Electronics and Engineering**  
**FACULTY DEVELOPMENT PROGRAMME COMMITTEE**

**AY 2015-16(ODD)**

**Report on FDP on “Recent trends in electrical transmission”**

Aiming to provide an additional skill and training on technical aspects of Transmission & Distribution, department conducted an FDP on “Recent trends in electrical transmission” by Dr. C.S. Ravi Prasad (GM-KEC), an Expert in the subject (from 27<sup>th</sup> July 2015 to 31<sup>st</sup> July 2015). The technical session was very helpful in upgrading the technical knowledge amongst the faculty members. Almost all the faculties felt that the session was very informative to gain knowledge about transmission & distribution.



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





Sapthagiri College of Engineering

Bangalore-560057

# Certificate

This is to certify that Mr. /Ms. A. Dhamodaran.  
of EEE has participated and  
successfully completed 05 days Faculty Development Program on "Recent  
trends in electrical transmission" from 27/7/2015 to 31/7/2015  
organized by the Department of Electrical & Electronics Engineering,  
Sapthagiri College of Engineering.

Dr. K N Ravi

HOD, Dept. of EEE

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

Principal



**CIRCULAR**

13/07/2015

All the faculties are hereby informed to attend the meeting in the HOD's Office at 10.30 AM on 15/07/15 to discuss about the Faculty Development Program on Software Testing.



**HOD ISE**

Department of  
Information Science & Engg  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road,  
BANGALORE - 560057



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



## Minutes of Meeting

A meeting of all the faculties was held on 15-07-2015 at HOD's office, Department of ISE, Sapthagiri College of Engineering Prof Prerana Chaithra Associate Professor & Head chaired the meeting and greeted all faculties.

In the meeting the schedule and budget of five days FDP on Recent trends on Software Testing was discussed and approved by the HOD.

## Detailed Schedule

### DAY 1

Date: 27/07/2015

Time	Topics
2:30 pm To 4:00 pm	Introduction

Date: 28/07/2015

### DAY 2

Time	Topics
08:30 am To 10:15 am	Basics of Software Testing: Basic definitions, Software Quality , Requirements, Behaviour and Correctness, Correctness versus Reliability, Testing and Debugging.
<b>Tea Break</b>	
10:30am To 12:30pm	Test cases, Insights from a Venn diagram, Identifying test cases, Test-generation Strategies, Test Metrics, Error and fault taxonomies , Levels of testing, Testing and Verification, Static Testing.
<b>Lunch Break</b>	
01:30pm To 03:00pm	<b>Problem Statements:</b> Generalized pseudo code, the triangle problem, the NextDate function, the commission problem, the SATM (Simple Automatic Teller Machine) problem, the currency converter, Saturn windshield wiper
03:15pm To 04:00pm	<b>Functional Testing:</b> Boundary value analysis, Robustness testing, Worst-case testing, Robust Worst testing for triangle problem, NextDate problem and commission problem, Equivalence classes, Equivalence test cases for the triangle problem.

### DAY 3

Date: 29/07/2015

Time	Topics
08:30am To 10:15am	Next Date function, and the commission problem, Guidelines and observations, Decision tables, Test cases for the triangle problem,



To 10:15am	Decision tables, Test cases for the triangle problem,
<b>Tea Break</b>	
10:30am To 12:30pm	Next Date function, and the commission problem, Guidelines and observations.
<b>Lunch Break</b>	
01:30pm To 03:00pm	<b>Fault Based Testing:</b> Overview, Assumptions in fault based testing, Mutation analysis, Fault-based adequacy criteria, Variations on mutation analysis.
<b>Tea Break</b>	
03:15pm To 04:15pm	<b>Structural Testing:</b> Overview, Statement testing, Branch testing, Condition testing, Path testing: DD paths, Test coverage metrics, Basis path testing, guidelines and observations, Data –Flow testing: Definition-Use testing, Slicebased testing, Guidelines and observations.

**DAY 4**

**Date: 30/07/2015**

Time	Topics
08:30am To 10:15am	<b>Test Execution:</b> Overview of test execution, from test case specification to test cases, Scaffolding, Generic versus specific scaffolding, Test oracles, Self-checks as oracles, Capture and replay
<b>Tea Break</b>	
10:30am To 12:30pm	<b>Process Framework :</b> Basic principles: Sensitivity, redundancy, restriction, partition, visibility, Feedback, the quality process, Planning and monitoring, Quality goals, Dependability properties ,Analysis Testing, Improving the process. Organizational factors.
<b>Lunch Break</b>	
01:30pm To 03:00pm	<b>Planning and Monitoring the Process:</b> Quality and process, Test and analysis strategies and plans, Risk planning, monitoring the process, Improving the process, the quality team.
<b>Tea Break</b>	
03:15pm To 04:15pm	<b>Integration and Component-Based Software Testing:</b> Overview, Integration testing strategies, Testing components and assemblies. System, Acceptance and Regression Testing: Overview, System testing, Acceptance testing.

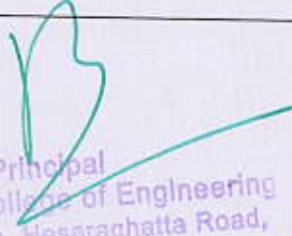
**Date: 31/07/2015**

**Day 5**

Time	Topics
08:30am To 10:15am	Usability, Regression testing, Regression test selection techniques, Test case prioritization and selective execution.
<b>Tea Break</b>	
10:30am To	<b>Levels of Testing, Integration Testing:</b> Traditional view of testing levels, Alternative



12:30pm	life-cycle models, The SATM system, Separating integration and system testing
<b>Lunch Break</b>	
01:30 pm To 03:00pm	A closer look at the SATM system, Decomposition-based, call graph-based, Path-based integrations.

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

  
Coordinator





**Sapthagiri College of Engineering**  
#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru – 560057

Department of Information Science and Engineering

CIRCULAR

25/07/2015

All the Faculties of Information Science and Engineering Department are here by informed to attend five days Faculty Development Program on “Recent Trends on Software Testing” from 27<sup>th</sup> July 2015 to 31<sup>st</sup> July 2015.

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

HOD ISE

Department of  
Information Science & Engg.  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road,  
BANGALORE - 560 057.



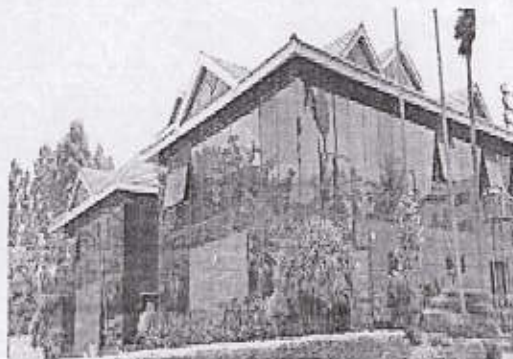


**Five Days FDP  
On**

**“Recent Trends of Software  
Testing”**

**FROM 27<sup>th</sup> JULY 2015 to 31<sup>th</sup> JULY 2015**

**Organized by  
Department of  
Information Science and  
Engineering**



**Sapthagiri College of Engineering**

#14/5, Chikkasandra, Hesaraghatta Main  
Road, Bengaluru 560057

Phone: 080-28372800/01/02/0

**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, Karanataka. 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. The college has secured 22 University ranks and 4 Gold medals.

**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 Information Science and Engineering Department had its beginning in the year 2001 with an intake of 120 students, and 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 will be striding in the progressive path to achieve excellence in academics and research activities. Apart from the

qualified faculty and staff, the Department has state-of-the-art laboratories and latest software's.

**About the FDP:**

Its objectives are

- To know the latest software's used in the field of testing.
- To understand different techniques used in these softwares.

**Resource Person:**

**M.S Patel**  
**Associate Professor**  
**Department of CSE**

Dayanandsagar College of Engineering  
Bangalore

**Address for  
Communication/Registration**

**Prof. Gayatri R**  
**Assistant Professor, CSE**  
**Ph: 8147290734**

**Prof. Ramya R.**  
**Assistant Professor**  
**Ph: 8884816537**

**Email-id for registration:**

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

Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road,  
Bangalore-560057



**FDP on “Recent Trends on Software Testing” Attendance**

Sl No	Faculty Name	27.7.15		28.7.15		29.7.15		30.7.15		31.7.15	
		MS	AS	MS	AS	MS	AS	MS	AS	MS	AS
1	Prof Chaithra	Chai	Chai	Chai	Chai	Chai	Chai	Chai	Chai	Chai	Chai
2	Prof Malathi K P	CP	CP	CP	CP	CP	CP	CP	CP	CP	CP
3	Prof Ravichandra M	R	R	R	R	R	R	R	R	R	R
4	Prof Vasanthalakshmi	V	V	V	V	V	V	V	V	V	V
5	Prof Prakruthi S T	P	P	P	P	P	P	P	P	P	P
6	Prof Vijay Kumar F G	Vj	Vj	Vj	Vj	Vj	Vj	Vj	Vj	Vj	Vj
7	Prof Shruth K										
8	Prof Vindhya G	Vind	Vind	Vind	Vind	Vind	Vind	Vind	Vind	Vind	Vind
9	Prof Anitha K	Ap	Ap	Ap	Ap	Ap	Ap	Ap	Ap	Ap	Ap
10	Prof Gayatri Rayar	Gayath	Gayath	Gayath	Gayath	Gayath	Gayath	Gayath	Gayath	Gayath	Gayath
11	Prof SowmyaSomnath	Sow	Sow	Sow	Sow	Sow	Sow	Sow	Sow	Sow	Sow
12	Prof SanjayKumar	S	S	S	S	S	S	S	S	S	S
13	Prof Gayatri R	Rg	Rg	Rg	Rg	Rg	Rg	Rg	Rg	Rg	Rg
14	Prof Divyashree	D	D	D	D	D	D	D	D	D	D

Coordinator

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



## Report on Recent Trends on Software Testing

No of Participants =14

Aiming to provide an Faculty Development Program on Software Testing for the faculties of Department of Information Science Engineering, Sapthagiri College of Engineering held during 27<sup>th</sup> July 2015 to 31<sup>st</sup> July 2015. Overall the faculties felt that the session was informative & gained knowledge about Software Testing and its applications. The Resource Person for this FDP is Prof M.S Patel, Associate Professor, Department of ISE, Dayanand Sagar College of Engineering.

Faculties were able to understand the recent trends such as agile testing ,test automation, API and services test automation, and various testing methods were discussed along with some examples.



FDP on Software Testing by Prof M.S Patel

  
Coordinator

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





# Sapthagiri College of Engineering

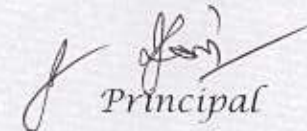
Bangalore-560057

## Certificate

This is to Certify that Mr./Ms. RAVICHANDRA M  
of Information Science & Engineering has participated  
and successfully completed Five days Faculty Development Program on  
"Recent Trends on Software Testing" from 27<sup>th</sup> July, 2015 to 31<sup>st</sup>  
July, 2015 organized by the Department of Information Science &  
Engineering, Sapthagiri College of Engineering.

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

  
HOD, Dept of ISE

  
Principal





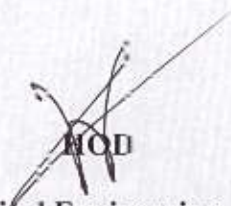
**DEPARTMENT OF MECHANICAL ENGINEERING  
SAPTHAGIRI COLLEGE OF ENGINEERING**

(Affiliated to Visvesvaraya Technological University Belagavi & Approved by AICTE, New Delhi.)  
#14/5, Chikkasandra, Hesaraghatta Main Road, Bangalore- 560 057.

Date: 14/07/15

**CIRCULAR**

Mechanical Engineering faculty are hereby informing that there will be a faculty development program entitled "**Design of Machine Elements**" for three days on 27<sup>th</sup> July 2015 to 31<sup>st</sup> July 2015. The interested candidates enroll your names with **Mr. Padmanabha G.**



**HOD**

**Department of Mechanical Engineering**

**H.O.D. Dept. of Mech. Engg  
S.C.E., Bangalore-560 057**



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





**DEPARTMENT OF MECHANICAL ENGINEERING**  
**SAPTHAGIRI COLLEGE OF ENGINEERING**

(Affiliated to Visvesvaraya Technological University Belagavi & Approved by AICTE, New Delhi.)  
#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru- 560 057.

Date: 13/07/2015

**Minutes of Meeting**

A meeting was conducted on 13<sup>th</sup> July 2015 in Mechanical HOD office to discuss and finalize the following about the five days faculty development programme.

The following points have discussed in the meeting

- FDP program for Mechanical faculty on 27<sup>th</sup> July 2015 to 31<sup>st</sup> July 2015.
- Programme Convener- Mr. Padmanabha G
- Certificate program entitled as **Design of Machine Elements**.
- Course duration and Date

**Course Content**

Date	Morning Session 9.30 a.m. to 12.30 p.m.	Afternoon Session 2.00 p.m. to 5.00 p.m.
27/07/2015	Registration & Inauguration function	Steady Stresses In Machine Members
28/07/2015	Variable Stresses In Machine Members	Design of Shafts & Couplings
29/07/2015	Energy Storage Elements & Engine Components	Design of Bearings
30/07/2015	Design of Bearings	Temporary Joints
31/07/2015	Permanent Joints	Valedictory Function

**Faculty members Present**

Mr. Padmanabha G	
Mr. RamKumar M	
Mr. Ramesh N G	
Mr. MadhuKumar Y C	
Mr. ArunKumar R	

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

H.C.D. Dept. of Mech. Engg  
S.C.E., 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 Late 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 2001. It is approved and accredited by AICTE, New Delhi and is affiliated to VTU Belagavi, Karanataka. 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 be a best institution imparting quality engineering education to deal with community needs through learning and performance.

### Mission

To implement path breaking student centric education methods. To augment talent, nurture teamwork to transform to develop individual as responsible citizen. -To educate the students and faculties about entrepreneurship to meet vibrant requirements of the society. -Strengthen Industry-Institute Interaction for knowledge sharing.

### 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 T, Sapthagiri Group of Institutions

### Patrons

**Dr. AswathKumar M**  
Principal, SCE, Bengaluru

**Dr.S H Manjunath**  
Prof.& HOD, Dept. of ME, SCE, Bengaluru

**Mr. Padmanabha G**  
Asst. Professor, SCE, Bengaluru

### Convenor

**Principal**  
Sapthagiri College of Engineering  
Selkkasandra, Hosaraghatta Road,  
Bangalore- 560 057

## Faculty Development Programme

On

## Design of Machine Elements

On

27<sup>th</sup> -31<sup>st</sup> July 2015

Organized by

## Sapthagiri College of Engineering

Department of Mechanical Engineering

#14/5, Chilkasandra, Hosaraghatta Main Road, Bengaluru 560057

Phone: 080-28372800/01/02/03



### About the FDP:

This Faculty Development Training Program is intended to provide opportunity for teachers employed in AICTE approved and Anna University affiliated institutions for teaching and upgrading their knowledge in the area of Composite Materials and Mechanics. The program will be very useful for those who are involved in teaching the course Composite Materials and Mechanics at UG level. This will also provide a basic platform for a faculty who is willing to carry out research in this area.

### Topics to be Covered

The following salient topics will be discussed in the Design of Machine Elements FDP are Steady Stresses and Variable Stresses in Machine Members, Design of Shafts & Couplings, Temporary & Permanent Joints, Energy Storage Elements & Engine Components and Design of Bearings.

### Resource Persons:

**Dr. M H Annaiah**  
Professor,  
Department of Mechanical Engineering  
Sri Shivakumar Mahaswamy College of Engineering Bangalore

**Prof. R G Deshpande**  
Associate Professor  
Department of Mechanical Engineering  
D M S Institute of Technology Bangalore





**DEPARTMENT OF MECHANICAL ENGINEERING  
SAPTHAGIRI COLLEGE OF ENGINEERING**

(Affiliated to Visvesvaraya Technological University Belagavi & Approved by AICTE, New Delhi.)  
#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru- 560 057.

**FDP ON  
Design of Machine Elements  
Attendance**

Sl. No.	Name	27-07-2015		28-07-2015		29-07-2015		30-07-2015		31-07-2015	
		MS	AS	MS	AS	MS	AS	MS	AS	MS	AS
1	Sumil Kumar	1	2	3	4	5	6	7	8	9	10
2	Anjan Kumar	1	2	3	4	4	5	6	7	8	9
3	Ramesh N.G	1	2	3	4	5	6	7	8	9	10
4	Arum Kumar.R	1	2	3	4	5	6	7	7	8	9
5	A.M Mahesh	1	2	3	4	5	6	7	8	9	10
6	Raja Lakshmi	1	2	3	4	5	6	7	8	9	10
7	Padmanabha.G	1	2	3	4	5	6	7	8	9	10
8	G.R Jagannath	1	2	3	4	5	6	7	8	9	10
9	Machhi Kumar Y.C	1	2	3	4	5	6	6	7	8	9
10	P.R. Rao	1	2	3	4	5	6	7	8	9	10
11	Ram Kumar.M	1	2	3	4	5	6	7	8	9	10
12	Ukash.C.S	1	2	3	4	5	6	7	8	9	10
13	Tilak.S	1	2	3	4	5	6	7	8	9	10
14	Pramod S.V	1	2	3	4	5	6	7	8	9	10
15	Prathina CN	1	2	2	3	4	5	6	7	8	9
16	T. Venkatesh Gowda	1	2	3	4	5	6	7	8	9	10
17	Anil Kumar	1	2	3	4	5	6	7	8	9	10
18	Mahadev prasad	1	2	3	4	5	6	7	8	9	10
19	Sanjay HM	1	2	3	4	5	6	7	8	9	10
20											

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

  
Signature of Convener



## REPORT

### FDP on Design of Machine Elements

Department of mechanical Engineering organized FDP on Design of Machine Elements.

#### Speakers

Prof. M H Annaiah, Professor, Department of Mechanical Engineering,, Acharya Institute of Technology Bangalore

Prof. P Mahadevaswamy, Associate Professor, Department of Mechanical Engineering, Acharya Institute of Technology Bangalore


**Duration of the course:** July 27<sup>th</sup> 2015 to July 31<sup>st</sup> 2015

Date	Morning Session 9.30 a.m. to 12.30 p.m.	Afternoon Session 2.00 p.m. to 5.00 p.m.
27/07/2015	Registration & Inauguration function	Steady Stresses In Machine Members
28/07/2015	Variable Stresses In Machine Members	Design of Shafts & Couplings
29/07/2015	Energy Storage Elements & Engine Components	Design of Bearings
30/07/2015	Design of Bearings	Temporary Joints
31/07/2015	Permanent Joints	Valedictory Function



The FDP aimed to provide an intense discussion on Design of Machine Elements. The faculty members felt that the session was informative & gained knowledge about design of machine elements.

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

  
Signature of the Convener



# Sapthagiri College of Engineering

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

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



## Certificate

*This is to Certify that Mr./Mrs. ANJAN KUMAR of has participated and successfully completed Five days FDP on "Design of Machine Elements" from 27<sup>th</sup> July to 31<sup>st</sup> July 2015 organized by the Mechanical Engineering Department, Sapthagiri College of Engineering.*

  
HOD

Dept. of ME

  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road,  
Bengaluru-560 057

  
Principal

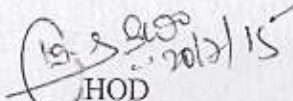


# Circular



All the faculties are hereby informed that there is a workshop on "Future of Internet – Economy of Sharing" on 21<sup>st</sup> July 2015 from 9.30AM to 4.30 PM. All the faculties are requested to attend the same without fail.

  
20/7/15  
Coordinator

  
20/7/15  
HOD

Professor & Head of the Department  
Computer Science Engineering  
Sapthagiri College of Engineering  
Bangalore-56

  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesarghatta Road,  
Bangalore-560 057




**Sapthagiri College of Engineering**  
**Department of Computer Science & Engineering**

**One day Workshop on "Future of Internet – Economy of Sharing" on July 21<sup>st</sup>, 2015**

**Programme Schedule:**

Date/Day	Time	Event	Speaker/s	Topics Covered
21/07/2015, Tuesday	9:00 am - 9:30:00 am	Registration		
	9:30 am - 10:00 am	Inaugural Function		
	10:00 am – 11:00 am	Lecture – 1	Ganesh H.S. & Team	<ul style="list-style-type: none"><li>• Impact &amp; trends of Internet - Web and Mobile.</li></ul>
	11:00am- 11.30am	Tea Break		
	11:30 am – 12:30 pm	Hands-on Session	Ganesh H.S. & Team	<ul style="list-style-type: none"><li>• Web Architecture</li><li>• Installation and Configuration of Apache, PHP, MySQL</li><li>• "Hello World" program using LAMP</li></ul>
	12:30 pm – 1:30 pm	Lunch Break		
	1:30 pm – 4:00 pm	Hands-on Session	Ganesh H.S. & Team	Installation and configuration of Android, and Hello World Program.

  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesarghatta Road,  
Bangalore-560 057



### Registration Details

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

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

Qualification: \_\_\_\_\_

Experience (In Years) Teaching: \_\_\_\_\_

Industry: \_\_\_\_\_

Address for communication: \_\_\_\_\_

Phone Office: \_\_\_\_\_

Mobile: \_\_\_\_\_

E-mail: \_\_\_\_\_

*Signature of Participant*

*Signature of the Head of the  
Organization/Department/Institute with Seal*

### Chief Patrons:

Sri Dayanand G.  
Chairman  
Sri Srinivasa Educational & Charitable Trust

Sri G D Manoj  
Executive Director  
Sri Srinivasa Educational & Charitable Trust

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Dr. M. Aswatha Kumar Principal, SCE

### Organizing Chair:

Dr. C M Prashanth  
Professor & Head

### Co-ordinator:

Prof. Ragini Krishna  
Assistant Professor

  
**Principal**  
**Sapthagiri College of Engineering**  
Chikkasandra, Hesarghatta Road,  
Bangalore- 560 057



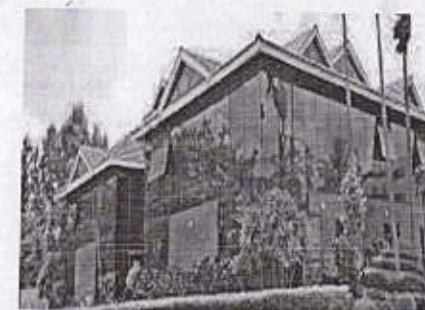
**SAPTHAGIRI COLLEGE OF  
ENGINEERING**

*One day Workshop*

*On*

**“Future of Internet-  
Economy of Sharing”**

21<sup>st</sup> July 2015



Department of Computer Science & Engineering  
**SAPTHAGIRI COLLEGE OF ENGINEERING**

Recognized by AICTE, New Delhi & Affiliated to VTU, Belgaum

#14/5, Chikkasandra, Hesarghatta Main Road  
Bangalore-560057. Phone No. 080-28372801/221  
Fax: 28372797 www.sapthagiri.edu.in




Department of Computer Science & Engineering  
Workshop on "Future of Internet – Economy of Sharing"  
List of Faculties who attended the session

Date : 21-07-15

Venue : ALAB – 102

Sl. No.	Name of the Faculty	Signature	
		Morning Session	Afternoon Session
1.	Dr. Prashanth. C.M		
2.	Prof. Kamalakshi Naganna	<i>K. N.</i>	<i>K. N.</i>
3.	Mr. Rajeev Bilagi		
4.	Mrs. Ancy Thomas	<i>Ancy</i>	<i>Ancy</i>
5.	Mrs. Ragini Krishna	<i>Ragini</i>	<i>Ragini</i>
6.	Mrs. Latha. A	<i>Latha</i>	<i>Latha</i>
7.	Mrs. Veena V Pattankar	<i>Veena</i>	<i>Veena</i>
8.	Mrs. Pathanjali. C	<i>Pathanjali</i>	<i>Pathanjali</i>
9.	Mrs. Roopa Banakar	<i>Roopa</i>	<i>Roopa</i>
10.	Mrs. Poornima G.J	<i>Poornima</i>	<i>Poornima</i>
11.	Mrs. Rashmi. R	<i>Rashmi R</i>	<i>Rashmi R</i>
12.	Ms. Sushmitha. J	<i>J. Sush</i>	<i>J. Sush</i>
13.	Ms. Ranjitha. B	<i>Ranjitha</i>	<i>Ranjitha</i>
14.	Ms. Harini .S	<i>Harini</i>	<i>Harini</i>
15.	Mrs. Madhu Shree		
16.	Mrs. Veena Gadad	<i>Veena</i>	<i>Veena</i>
17.	Ms. Veena K.R	<i>Veena</i> 21/7/15	<i>Veena</i>
18.	Mrs. Sheetal Raj	<i>Sheetal</i> 21/7/15	<i>Sheetal</i> 21/7/15
19.	Mrs. Kavitha	<i>Kavitha</i>	<i>Kavitha</i>
20.	Mrs. Arpitha S	<i>Arpitha</i>	<i>Arpitha</i>
21.	Ms. Swapna Addamani	<i>Swapna</i>	<i>Swapna</i>
22.	Mrs. Nanda M.B	<i>Nanda</i>	<i>Nanda</i>
23.	Mr. Harish C.N	<i>Harish</i>	<i>Harish</i>
24.	Mrs. Anuradha	<i>Anuradha</i>	<i>Anuradha</i>
25.	Mrs. Veena V.	<i>Veena</i>	<i>Veena</i>
26.	Mr. Vikas B.O.		
27.			
28.			

  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesar  
Bangalore




#### One Workshop on “Future of Internet-Economy of Sharing” on 21<sup>st</sup> July 2015

The Workshop was aiming to provide an additional skill and training on technical aspects of Web Architecture, department conducted FDP on “Future of Internet-Economy of Sharing” on 21/07/2015 by Mr. Ganesh H S ,Founder& CEO, Film sphere, Bangalore , an experts on the subject. The session was very helpful in enhancing the technical knowledge.



Glimpse of the Workshop

  
Convener

  
Principal  
Sapthagiri College of Engineering  
Chikkasandra  
Bengaluru- 560 057

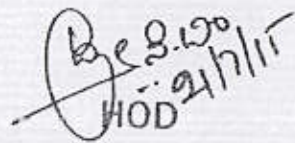
  
Chairman




## Participation Certificate

This is to certify that Mr./Ms. Latha A, Asst. Professor  
department of Computer Science & Engineering

has attended one day Workshop on **"Future of Internet - Economy of Sharing"** organized  
by Department of Computer Science & Engineering, Sapthagiri College of Engineering, Bangalore  
on 21st July, 2015

  
HOD

PRINCIPAL

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

  
DIRECTOR