

2014-15

6.3.3 List of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during academic year 2014-15

Dates (from-to) (DD-MM-YYYY)	Title of the professional development program organised for teaching staff	Title of the administrative training program organised for non-teaching staff	Page NO
1/4/2015	Filing Indian and US Patent		3--7
16/3/2015 - 17/3/2015	Workshop on Image and Video processing		8--14
19/1/2015 - 23/1/2015	Innovative Methods For Structural Analysis Of Molecules		15—25
19/1/2015 - 23/1/2015	FDP on Python & its Application		26—31
19/1/2015 - 23/1/2015	Multi modal image fusion		32—41
19/1/2015 - 23/1/2015	Modern trends in Smart grid		42--49
19/1/2015 - 23/1/2015	FDP on image Processing		50—58
19/1/2015 - 23/1/2015	Advances in I C Engines		59—64
8/1/2015	One day Workshop on Bloom's Taxnomy		65—72
4/8/2014	Seminar on Methods For Formulating Research Problem		73—77
22/7/2014 - 26/7/2014	Next Generation Sequencing		78—88
22/7/2014 - 26/7/2014	Data Mining		89—96
22/7/2014 - 26/7/2014	Image processing and applications using Matlab		97—107
22/7/2014 - 26/7/2014	Pollution performance of insulators/ arrestors		108—115
22/7/2014 - 26/7/2014	Usage of Network Simulators		116—124
22/7/2014 - 26/7/2014	Advances in Composite Materials And Applications		125—130
1/12/2014		Computer based e- Learning Training	131—137



SAPTHAGIRI COLLEGE OF ENGINEERING

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

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

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

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

To,

Dr. Shilpa Sivshankar
Post Doctoral Fellow
KAUST, Saudi Arabia.

Dear Madam,

Sub:Seminar on Intellectual Property Rights (IPR).

The Sapthagiri College of Engineering is arranging seminar 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:01.04.2015

Time: 2PM to 4PM

Venue: ECE MTech Class Room , Academic Block

Thanking you.

Dr. KN Ravi

Professor and Head

Department of Electrical and Electronics Engineering

Sapthagiri College of Engineering

Bengaluru

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Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road.

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CIRCULAR

The college is organizing seminar on "Filling Indian and US Patents" by Dr. **SHILPA SIVASHANKAR, PhD, Post Doctoral Fellow, KAUST, Saudi Arabia** on 01.04.2015 from 2PM to 4 PM in ECE MTech Room Academic block.

Hence hereby informing all faculties to attend the same.

Copy to:

1. All HOD's
2. Office copy.

PRINCIPAL

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Bengaluru - 560 057

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Sapthagiri College of Engineering
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Bangalore- 560 057

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

Report on Intellectual Property Rights Topic: "Filing Indian and US Patents"

By

Dr. Shilpa Sivashankar, Ph D.

Post Doctoral Fellow

KAUST, Saudi Arabia

Date: 01.04.2015

Time: 2 PM to 4 PM

Venue: ECE MTech Class Room, Academic Block, SCE.

The workshop commenced with welcoming the gathering by Prof. Vani A, Dept of ECE and narrated the objectives of the IPR. The faculties of all the department of SCE participated in the programme.

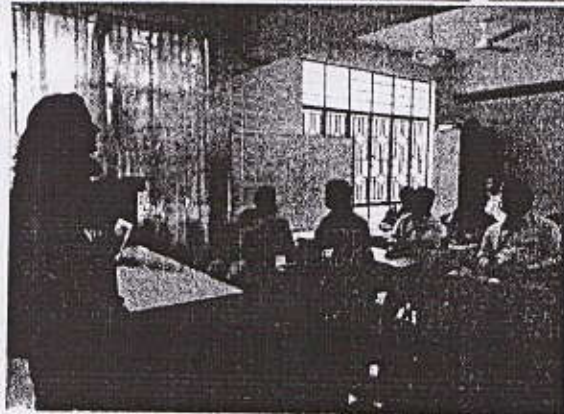
The Speaker begins the talk stating In the world of innovation, India has an old reputation. it remains a minnow when it comes to patents. The path to patents is paved with research and funding. While Indian companies, including startups, universities and research institutes need to direct their attention towards generating more patents if India has to emerge as a hub of inventiveness, it also calls for increased spend on research and development (R&D).

A US patent is granted by the United State Patent Office to an inventor, who has filed his application with it, whereas an Indian Patent is granted by the Indian Patent Office to an inventor, who has filed his application with Indian Patent office. A patent granted by a patent office is applicable within the geographical boundaries of that country only. A US Patent is applicable within USA only and has no effect in India, if the same inventor of the US patent has not filed his application in India for the patent grant. The filing the Patent application discussion was very informative for faculties.

Principal

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

Photo Gallery



Dr. KN Ravi
Dr. KN Ravi
HOD EEE

Dr. Aswatha Kumar M
Dr. Aswatha Kumar M
Principal

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

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Principal
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SAPTHAGIRI COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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

Web: www.sapthagiri.edu.in

ACADEMIC YEAR 2014-15

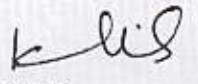
Date: 12/03/2015

CIRCULAR

All the Faculties are hereby informed about Computer Science and Engineering Department is conducting a Two days' Workshop on "Image and video Processing on 16th & 17th March 2015. Interested Faculties can register their names with Prof Veera 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

Principal
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Bangalore- 560 057

Sapthagiri College of Engineering
Department of Computer Science & Engineering

Two days Workshop on "Image and Video Processing"

On
March 16th and 17th, 2015

Programme Schedule:

Date/Day	Time	Event, Speaker & Topics Covered	Venue
16/03/2015, Monday Principal Sapthagiri College of Engineering Chikkasandra, Hesarghatta Road, Bangalore-560 057	9:00 am -10:00 am	Registration	Academic Block Entrance
	10:00 am -10:40 am	Inaugural Function	Academic Block : ALIB – 206 (2 nd Floor)
	10:40 am –11:00 am	Tea Break	Academic Block : ALIB – 201 (2 nd Floor)
	11:00 am – 1:00 pm	Lecture – 1: Dr. Jharna Majumdar <ul style="list-style-type: none"> • Introduction • Algorithm of Image and Video Processing – Part 1 	Academic Block : ALIB – 206 (2 nd Floor)
	1:00 pm – 2:00 pm	Lunch Break	Academic Block : ALIB – 201 (2 nd Floor)
	2:00 pm – 4:00 pm	Hands-on Session: Dr. Jharna Majumdar & Team	Faraday Block: BLAB - 201/1 & 201/2
17/03/2015, Tuesday	9:00 am -10:30 am	Lecture – 2: Dr. Jharna Majumdar <ul style="list-style-type: none"> • Algorithm of Image and Video Processing – Part 2 	Academic Block : ALIB – 206 (2 nd Floor)
	10:30 am -11:00 am	Tea Break	Academic Block : ALIB – 201 (2 nd Floor)
	11:00 am – 1:00 pm	Lecture – 3: Dr. Jharna Majumdar <ul style="list-style-type: none"> • Advance Applications of Image and Video processing • Demonstration on Embedded Board 	Academic Block : ALIB – 206 (2 nd Floor)
	1:00 pm – 2:00 pm	Lunch Break	Academic Block : ALIB – 201 (2 nd Floor)
	2:00 pm – 4:00 pm	Hands-on Session: Dr. Jharna Majumdar & Team	Faraday Block: BLAB - 201/1 & 201/2
	4:00 pm – 4:10 pm	Tea Break	Academic Block : ALIB – 201 (2 nd Floor)
	4:10 pm – 4:30 pm	Valedictory function	Academic Block : ALIB – 206 (2 nd Floor)
		Principal Sapthagiri College of Engineering Chikkasandra, Hesarghatta Road, Bangalore-560 057	

REGISTRATION FORM

Two-day Workshop on "IMAGE AND VIDEO PROCESSING"

March 16th & 17th, 2015

Name:

Designation:

Qualification:

Experience (In Years)

Teaching:

Industry:

Address for communication:

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Phone:

Office:

Mobile:

E-mail:

Signature of the Participant

Signature of the Head of the
Organization/ Department/ Institute With Seal

Chief Patrons

Sri Dayanand G.

Chairman

Sri G D Manoj

Managing Director

Patrons:

Dr. Srinivasan N.

Director

Dr. M. Aswatha Kumar

Principal

Organizing Chair:

Dr. C M Prashanth

Prof. and Head

Mob : 9440105070

E-Mail : hodcse@sapthagiri.edu.in

Organizing Coordinators :

Mrs. Kamalakshi Naganna

Associate Professor

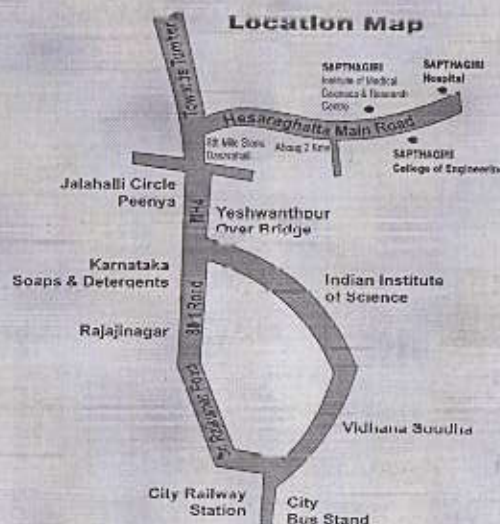
Mob : 9880285725

Mrs. Ancy Thomas

Assistant Professor

Mob : 9901448270

Location Map



Two-day Workshop on

IMAGE AND VIDEO PROCESSING

March 16th & 17th, 2015

Organized by :

Department of
Computer Science & Engineering



SAPTHAGIRI COLLEGE OF ENGINEERING

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

#14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru-560057, Phone No. 080-28372800/1/2/3

Fax: 28372797. www.sapthagiri.edu.in



SAPTHAGIRI COLLEGE OF ENGINEERING
Department of Computer science
Two day workshop on Image and Video Processing
Attendance

Receipt
No.

Sl.No.	Name	College/Branch	16-03-2015		17-03-2015	
			FN	AN	FN	AN
1	Ashwini Jeevangi	SCE	<i>Ashwini</i>	<i>Ashwini</i>	-AB-	
2	Chetan B S	SCE	-AB-	-AB-	-AB-	
3	Latha K	SCE	-AB-	-AB-	-AB-	
4	Naveen Kumar.T	SCE	<i>Naveen</i>	<i>Naveen</i>	-AB-	<i>Naveen</i>
5	Nethravathi.B	SCE	<i>Nethravathi</i>	<i>Nethravathi</i>	<i>Nethravathi</i>	<i>Nethravathi</i>
6	Praneetha G N	SCE	<i>Praneetha</i>	<i>Praneetha</i>	<i>Praneetha</i>	<i>Praneetha</i>
7	Raksha. R	SCE	<i>Raksha</i>	<i>Raksha</i>	<i>Raksha</i>	<i>Raksha</i>
8	Shalini D	SCE	<i>Shalini</i>	<i>Shalini</i>	<i>Shalini</i>	<i>Shalini</i>
9	Shanta Ambalgi	SCE	<i>Shanta</i>	<i>Shanta</i>	<i>Shanta</i>	<i>Shanta</i>
10	Sowmya Somanath	SCE	<i>Sowmya</i>	<i>Sowmya</i>	<i>Sowmya</i>	<i>Sowmya</i>
11	Srikanthagowda R	SCE	<i>Srikanth</i>	<i>Srikanth</i>	<i>Srikanth</i>	<i>Srikanth</i>
12	Veena V	SCE	-AB-	-AB-	-AB-	
13	Vidyashree H.R.	SCE	<i>Vidya</i>	<i>Vidya</i>	<i>Vidya</i>	<i>Vidya</i>
14	Kavya Ramakrishna	SCE	<i>Kavya</i>	<i>Kavya</i>	<i>Kavya</i>	<i>Kavya</i>
15	Nanjesh S	SCE	<i>Nanjesh</i>	<i>Nanjesh</i>	<i>Nanjesh</i>	<i>Nanjesh</i>
16	Vikas B O	SCE	<i>Vikas</i>	<i>Vikas</i>	<i>Vikas</i>	<i>Vikas</i>
17	AASHIKA SINGH .K	SCE	<i>Ashika</i>	<i>Ashika</i>	<i>Ashika</i>	
18	DIVYA .K.V	SCE	<i>Divya</i>	<i>Divya</i>	<i>Divya</i>	<i>Divya</i>
19	GEETHA .G	SCE	<i>Geetha</i>	<i>Geetha</i>	<i>Geetha</i>	<i>Geetha</i>
20	KAVYASHREE K.R	SCE	<i>Kavya</i>	<i>Kavya</i>	<i>Kavya</i>	<i>Kavya</i>
21	KIRAN KUMAR .A	SCE	<i>Kiran</i>	<i>Kiran</i>	<i>Kiran</i>	<i>Kiran</i>
22	KRITHIKA .M.V	SCE	<i>Kritika</i>	<i>Kritika</i>	<i>Kritika</i>	
23	NADHIYA .C	SCE	<i>Nadhiya</i>	<i>Nadhiya</i>	<i>Nadhiya</i>	<i>Nadhiya</i>
24	NEHA .M	SCE	<i>Neha</i>	<i>Neha</i>	<i>Neha</i>	<i>Neha</i>
25	NISHA	SCE	<i>Nisha</i>	<i>Nisha</i>	<i>Nisha</i>	<i>Nisha</i>

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Sapthagiri College of Engineering
Chikkasandra, Hesarghatta
Bangalore-56

Sl.No.	Name	College/Branch	16-03-2015		17-03-2015		Receipt No.
			FN	AN	FN	AN	
53	BINDUSHREE .A	SCE/VLSI	Bindushree A	Bindushree A	Bindushree A	Bindushree A	289
54	CHAITRA . P	SCE/VLSI	Chaitra P	Chaitra P	Chaitra P	Chaitra P	290
55	BRIGHTY LICY PICLES	SCE/VLSI	Brighty	Brighty	Brighty	Brighty	291
56	DEEPTI .H. BAGALI	SCE/VLSI	Deepti	Deepti	Deepti	Deepti	292
57	NITHYA.M	SCE/VLSI	Nithya	Nithya	Nithya	Nithya	293
58	SHIVANANDA	CSE/AIT	Shivananda	Shivananda	Shivananda	Shivananda	294
59	Prof. PREETHI .P	CSE-KSSEM	Preethi P	Preethi P	Preethi P	Preethi P	295
60	Prof. KUSUMA .K.V	CSE-KSSEM	Kusuma K.V	Kusuma K.V	Kusuma K.V	Kusuma K.V	296
61	KEERTHI .K	SCE	Keerthi K	Keerthi K	Keerthi K	Keerthi K	297
62	VANDITHA .V	SCE	Vanditha V	Vanditha V	Vanditha V	Vanditha V	298
63	SATISH KUMAR	NMIT	Satish Kumar	Satish Kumar	Satish Kumar	Satish Kumar	299
64	MANDEEP KHADKA	NMIT	Mandeep Khadka	Mandeep Khadka	Mandeep Khadka	Mandeep Khadka	300
65	KIRANMAYEE MADH JSUDHAN	NMIT	Kiranmayee	Kiranmayee	Kiranmayee	Kiranmayee	301
66	RANJITHA NAIK P	NMIT	Ranjitha	Ranjitha	Ranjitha	Ranjitha	302
67	M.U SUSHM TA	NMIT	Sushma	Sushma	Sushma	Sushma	303
68	PRIYA .S	NMIT	Priya S	Priya S	Priya S	Priya S	304
69	SUPRITHA .R	NMIT	Supritha	Supritha	Supritha	Supritha	305
70	Anavind .Y	NMIT	-AB-	-AB-	Anavind	Anavind	306
71	NAGARAJ .G	SCE/BT	-AB-	-AB-	Nagaraj	Nagaraj	307
72	Abhijeet S. TATE	SCE /BT	-AB-	-AB-	Abhijeet	Abhijeet	308
73							
74							
75							

Page 3.000
22/04/15
HOD, CSE

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Sapthagiri College of Engineering
Chikkasandra, Hosur
Bangalore-5.

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

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

ACADEMIC YEAR 2014-2015

REPORT ON

Two days Workshop on "Image and Video Processing" on 16th March 2015 to 17th March 2015

The session was headed by Dr. Jharra Majumdar, Former SC G DRDO Dean R & D, Professor in Dept of CSE NITTE Meenakshi Institute of Technology, Bangalore. Digital Image processing allows enhancement of image features of interest while attenuating details irrelevant to a given application and extract useful information about the scene from the enhanced image. Digital image processing offers advantages in cost, speed, and flexibility with the rapidly falling price and enhanced performance of personal computers. Digital image processing techniques are being extensively used in satellite imaging, aerial imaging, Medical imaging, Thermal imaging and Document imaging. Considering its wide range of applications, a workshop on Image and video processing is expected to give impetus for its wide spread use in academic and research establishments.


Convener


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


Chairman



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



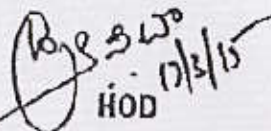
Two-day Workshop on "IMAGE AND VIDEO PROCESSING"

This is to certify that Mrs./Mr./Ms. Pathanjali . C of

Sapthagiri College Of Engineering has

participated in the Two-day Workshop on "Image and Video Processing" held during 16th & 17th

March 2015, organized by Department of Computer Science & Engg..


HOD 17/3/15


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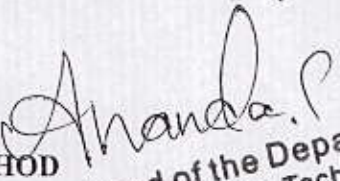

DIRECTOR




Date: 02/01/2015


Meeting Circular

A meeting is scheduled on 03/01/2015 at 10:30 PM in Department of Biotechnology. This meeting will be regarding the conduction of FDP and to identify the coordinators for this event.


HOD
Head of the Department
Dept. of Bio-Technology
Dept of Biotechnology
Sapthagiri College of Engineering
No. 57/1, Chikkasandra
Hesaraghatta Main Road
Bangalore -57

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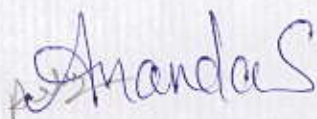
1. HOD of Physics 

2. HOD of Chemistry 



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Chikkasandra, Hesaraghatta Road
Bangalore- 560 057


Circular

All the faculty of Department of Biotechnology and Department of Basic Science are hereby informed to attend five days faculty development programme titled as **Innovative methods for Structural Analysis of Molecules** from **19-1-2015 to 23-01-2015**. All the Faculty register their names with Faculty Coordinator **Mrs Soumya C, Dept of Biotechnology**.



HOD of Biotechnology
Head of the Department
Dept. of Bio - Technology
Sapthagiri College of Engineering
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Hesaraghatta Main Road
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1. HOD of Chemistry 

2. HOD of Physics 



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FDP Report

"Innovative methods for Structural Analysis of Molecules"

19-1-2015 to 23-1-2015
Monday to Friday


DEPARTMENT OF BIOTECHNOLOGY AND DEPARTMENT OF BASIC SCIENCE FIVE DAYS FACULTY DEVELOPMENT PROGRAMME ON

"Innovative methods for Structural Analysis of Molecules"

19-1-2015 to 23-1-2015
Monday to Friday

Time Date/Day	9:30AM TO 10:30AM	10:30AM TO 12:30PM	1:45PM TO 2:30PM	2:30PM TO 3:30PM	3:45PM TO 4:30PM
19-1-2015 Monday	IP Inaugural Function	TEM Dr Krishan BS	LAB SESSION Quantification Chemically Synthesized molecules using UV spectrometer Rajna KP		
20-1-2015 Tuesday	Chromatographic techniques for Bimolecular analysis Dr Venkateshappa, SIMS		LAB SESSION Preparation of reagents and Sample for HPLC Dr Venkateshappa, SIMS		
21-1-2015 Wednesday	LAB SESSION Running of sample and analysis of chromatogram Centre research laboratory, SIMS Medical College				
22-1-2015 Thursday	Structural Analysis through FTIR Dr Mahesh CEO, Azymes Pvt Ltd		LAB SESSION Data analysis of GC-MS and FTIR graphs Dr Mahesh CEO, Azymes Pvt Ltd		
23-1-2015 Friday	Structural analysis X-Ray crystallography Jagadeesh Gowda Prof and HOD Department of Physics, SCE				Valedictory Function

10:30AM-12:45AM- Tea Break, 12:30PM-1:30PM-Lunch Break, 3:30PM-3:45PM- Tea Break


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Bengaluru- 560 057


Head of the Department
Dept. of Bio -Technology
Sapthagiri College of Engineering
No. 57/1, Chikkasandra
Hesaraghatta Main Road
Bengaluru -57

PATRONS

Sri. G Dayanand
Chairman, SEE

Sri. G D Manoj
Executive Director, SEE

Dr. Ashwath Kumar M
Principal, SEE

Organisers

Dr. Ananda S
HOD, BT

Dr. Krishna B S
HOD, Chemistry

Dr. Jagadeesh Gowda
HOD, Physics

Co-ordinator

Prof. Soumya C
AP, Dept of BT

Registration Form

Five Day Faculty Development Programme On

Innovative Methods For Structural analysis of Molecules

19th January to 23rd January 2015

Monday to Friday

Participant Details

Name : _____

Dept : _____

College: _____

Mobile : _____

Email ID : _____

Signature of the Participant

Principal

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



SAPTHAGIRI COLLEGE OF
ENGINEERING

Affiliated to VTU, Belagavi

Five Day Faculty Development Programme on

Innovative Methods For Structural analysis of Molecules

Department of Bio-Technology
And
Department of Basic Sciences

FDP Report

"Innovative methods for Structural Analysis of Molecules"

19-1-2015 to 23-1-2015

Monday to Friday

Five days Faculty Development Programme on "Innovative methods for Structural Analysis of Molecules" was jointly organized by the Department of Biotechnology and Department of Basic science at Sapthagiri college of Engineering, Bangalore from 19-1-2015 to 23-1-2015.

Elucidation of molecular structure is necessary to identify or confirm the compound during research or product development. Chemical structural elucidation of impurities is necessary to support compound regulatory submissions for a number of industrial sectors such as agrichemicals, pharmaceutical and new chemical entity registrations. Different techniques are available to determine molecular weight, structure and purity of compound such as spectrometry, chromatographic techniques. The FDP programme was arranged to know the advance techniques used for the analysis of micro and molecule.

Program Objective:

1. Gain in-depth knowledge of techniques involved in analysis of molecule
- ❖ Scanning Electron Microscopy (SEM) Introduction, Instrumental details, image formation, Sample preparation and applications.
- ❖ X-Ray Diffraction (XRD) Introduction, Instrumentation details, Phase Identification, Crystal Size, Crystal Quality, Texture (to some extent), Crystal Structure
- ❖ Transmission Electron Microscopy (TEM) introduction, Instrumentation details, TEM imaging and Diffraction, Precession Electron Diffraction, Electron Energy Loss Spectroscopy, Energy Dispersive Spectroscopy, Orientation imaging microscopy, Image processing and Analysis.
- ❖ Atomic Force Microscopy (AFM) introduction, instrumentation applications advantages and disadvantages.
- ❖ Surface and material Characterization Techniques- introduction, instrumentation, adsorption and absorption techniques.
2. Hands on Training



Principal

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Chikkasandra, Hesaraghatta Road,
Bangalore- 560 057

FDP Report

"Innovative methods for Structural Analysis of Molecules"

19-1-2015 to 23-1-2015

Monday to Friday

Summary of Event

Day 1:

Dr Krishna B S, Professor & Head Dept. of Chemistry, Sapthagiri college of Engineering

He delivered talk on Transmission Electron Microscopy (TEM) introduction, Instrumentation details, TEM imaging and Diffraction, Procession Electron Diffraction, Electron Energy Loss Spectroscopy, Energy Dispersive Spectroscopy, Orientation imaging microscopy, Image processing and Analysis "

Afternoon a lab session was conducted by Roopa KP Department of Chemistry, SCE.

Day 2 and Day 3:

Dr Venkateshappa, Dept. of Biochemistry, SIMS

He delivered talk on Chromatographic techniques for bimolecular analysis and Analysis of molecules by HPLC. He gave a talk on how the samples can be separated and used for identification of diseases. Hands on experience were carried out in in SIMS research laboratory were the sample preparation and output of the results were analyzed.

session the preparation of reagents require for running the HPLC was done.

Day 4:


Dr Mahesh CEO, Azymes Pvt Ltd

Delivered the lecture on Structural Analysis through FTIR and interpretation of results. The role of biomolecules in different field was explained.

Day 5:

Dr Jagadeesh Gowda G V, HOD Physics Sapthagiri college of Engineering

Delivered lecture on " X-Ray Diffraction (XRD) Introduction, Instrumentation details, Phase Identification, Crystal Size, Crystal Quality, Texture (to some extent), Crystal Structure". He discussed in details about XRD and Plotting of PXRD graph with the help of Origin software and Explained the of crystal size, stress and strain of the particles.



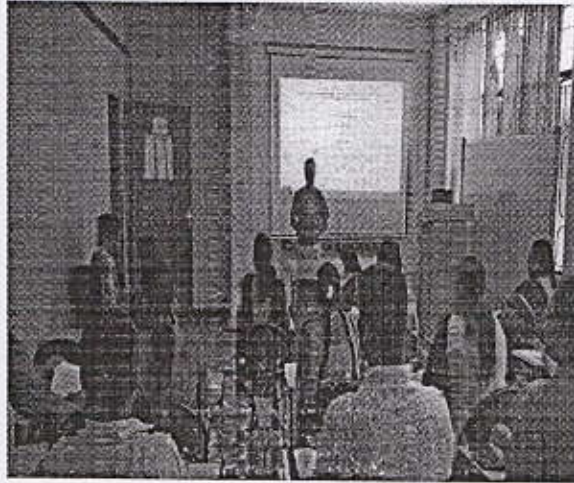
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
Bangalore-560 057.

FDP Report

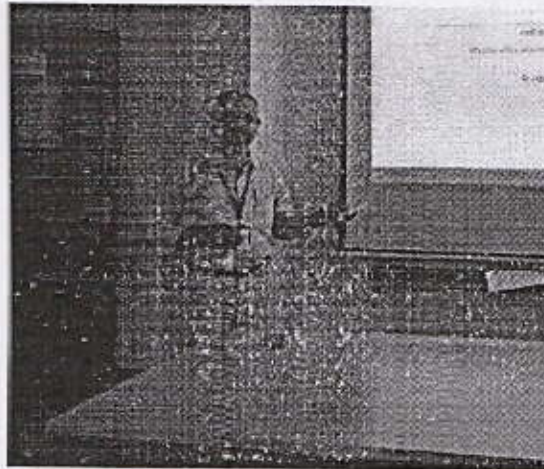
"Innovative methods for Structural Analysis of Molecules"

19-1-2015 to 23-1-2015

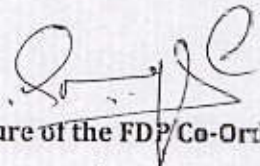
Monday to Friday




Dr Krishna B S - Delivering lecture on Transmission Electron Microscopy




Dr Jagadeesh Gowda GV- Delivering lecture on X-Ray Diffraction


Signature of the FDP Co-Ordinator


Signature of the HOD

Head of the Department
Dept. of Bio-Technology
Sapthagiri College of Engineering
No. 57/1, Chikkasandra
Hesaraghatta Main Road
Bengaluru - 57


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



ATTENDANCE LIST

Event Name: Innovative methods for Structural Analysis of Molecules

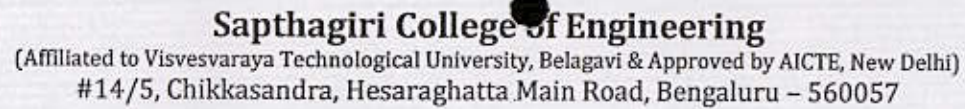
Date: 19-1-2015 to 23-01-2015

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	Prashanth Kumar HP	HPH	HPH	HPH	HPH	HPH	HPH	HPH	HPH	HPH	HPH
2	Vinutha Mores	DA	DA	DA	DA	DA	DA	DA	DA	DA	DA
3	Rohit K.C.	D	D	D	D	D	D	D	D	D	D
4	Shobha G.	GS	GS	GS	GS	GS	GS	GS	GS	GS	GS
5	Dr. Krishnamurthy NB	NBN	NBN	NBN	NBN	NBN	NBN	NBN	NBN	NBN	NBN
6	Krishna murthy TP	KI	KI	KI	KI	KI	KI	KI	KI	KI	KI
7	Soumya.C	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC
8	Dr. Shankara KS	KS	KS	KS	KS	KS	KS	KS	KS	KS	KS
9	Blessy Baby Mathew.	Bl	Bl	Bl	Bl	Bl	Bl	Bl	Bl	Bl	Bl
10	Saranya D	D	D	D	D	D	D	D	D	D	D
11	Vijay Kiran.	vik	vik	vik	vik	vik	vik	vik	vik	vik	vik

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

Head of the Department
Dept. of Bio-Technology
Sapthagiri College of Engineering
No. 57/1, Chikkasandra Main Road
Hesaraghatta Main Road
Bangalore -57

Head of the Department
Dept of Bio-Technology
Sapthagiri College of Engineering
No. 57/1, Chikkasandra
Hesaraghatta Main Road
Bangalore -57



Event Name: Innovative methods for Structural Analysis of Molecules
Date: 19-1-2015 to 23-01-2015

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

Head of the Department
Dept. of Bio - Technology
Sapthagiri College of Engineering
No. 57/1, Chikkasandra
Hesaraghatta Main Road
Bangalore - 57



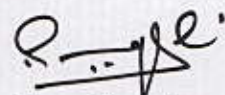
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#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560057

Department of Biotechnology and Department of Basic Sciences

CERTIFICATE OF PARTICIPATION

This is to certify that Dr/Mr/Ms/Mrs Shankidhara K.S of Sapthagiri College of Engg has successfully participated in the Faculty Development Program on **INNOVATIVE METHODS FOR STRUCTURAL ANALYSIS OF MOLECULES** from 19-1-2015 to 23-01-2015 at Sapthagiri College of Engineering, Bengaluru - 560057.


Coordinator


Convener


Principal


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

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

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

ACADEMIC YEAR 2014-2015

Date: 07/01/2015

CIRCULAR

Faculties are hereby informed that the department is conducting a Five days Faculty Development Programme on "Python and its Applications" for our faculties for their Technical Developments from 19th Jan 2015 to 23rd Jan 2015. Interested Faculties can register their names with Prof. Pathanjali and Prof. Sushmitha.J.


HOD

Copy to

1. The office of the Principal
2. HODs: 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

ACADEMIC YEAR 2014-2015

Five days FDP on **"Python and its Applications"** 19th Jan 2015 to 23rd Jan 2015

Programme schedule

DATE/DAY	TIME	EVENT, SPEAKER & TOPIC COVERED	VENUE
19/01/2015 MONDAY	9:00 AM-10:00 AM	Registration	Academic Block Entrance
	10:00 AM -10:40 am	Inaugural Function	ALH-006
	10:40 am -11 :00 am	Tea Break	
	11:00 am -1:00 pm	Lecture-1: Prof Ancy Thomas Basics of Python programming	ALH-006
	1:00 pm- 2:00pm	Lunch Break	
	2:00pm -4:00 pm	Lecture-2: Prof Pathanjali C Control Structures	ALH-006
20/01/2014 TUESDAY	9:00 AM-10:40 AM	Lecture-3: Prof Veena V Pattankar Data Structures	ALH-006
	10:40 am -11 :00 am	Tea Break	
	11:00 am -1:00 pm	Lecture-4: Prof Ancy Thomas Data Structures	ALH-006
	1:00 pm- 2:00pm	Lunch Break	
	2:00pm -4:00 pm	Lecture-5: Hands-on session	ALH-006
24/01/2014 WEDNESDAY	9:00 AM-10:40 AM	Lecture-6: Prof Pathanjali C Functions	ALH-006
	10:40 am -11 :00 am	Tea Break	
	11:00 am -1:00 pm	Lecture-7: Prof Ancy Thomas Functions	ALH-006
	1:00 pm- 2:00pm	Lunch Break	
	2:00pm -4:00 pm	Lecture-8: Hands on session	ALH-006
25/01/2014 THURSDAY	9:00 AM-10:40 AM	Lecture-9: Prof Veena V Pattankar Modules Explanation	ALH-006
	10:40 am -11 :00 am	Tea Break	
	11:00 am -1:00 pm	Lecture-9: Prof Ancy Thomas Packages and Exception Handling	ALH-006
	1:00 pm- 2:00pm	Lunch Break	
	2:00pm -4:00 pm	Lecture-10: Prof Pathanjali C Hands on session	ALH-006
23/01/2014 FRIDAY	9:00 AM-10:40 AM	Lecture-11: Prof Veena V Pattankar Packages and Exception Handling	ALH-006
	10:40 am -11 :00 am	Tea Break	
	11:00 am -1:00 pm	Valedictory Function	ALH-006
	1:00 pm- 2:00pm	Lunch Break	


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 head:

Dr. C M Prashanth
Professor & Head

Co-ordinator:

Prof. Pathanjali C
Assistant Professor

Prof. Sushmitha
Assistant Professor

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



**SAPTHAGIRI COLLEGE OF
ENGINEERING**
*Five days Faculty Development
Programme on*
"Python and its Applications"
19th Jan to 23rd Jan 2015



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

ACADEMIC YEAR 2014-2015

Five days FDP on **"Python and its Applications"** 19th Jan 2015 to 23rd Jan 2015

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											
3	KamalakshiNaganna										
4	Rajeev Bilagi										
5	Ancy Thomas										
6	Ragini Krishna										
7	Veena V Pattankar										
8	Latha.A										
9	RoopaBanakar										
10	Poorinima.G J										
11	Rashmi.R										
12	Sushmitha.J										
13	Ranjitha.B										
14	Harini.S										
15	Pathanjali.C										
16	Madhushree										
17	VeenaGadad										
18	Veena K R										
19	Sheethal Raj T G										

Principal

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

REPORT

Department of Computer Science and Engineering Faculty Organized a Faculty Development Program on "Python and its Applications" from 19th – 23rd Jan, 2015 for their Faculties. The FDP was aimed to acquaint the participants with Python language and make them comfortable with the new Programming Language.


Trainers for the FDP included Prof. Ancy Thomas, Assistant Professor, SCE; Prof Veena V Pattankar, Assistant Professor, SCE; and Prof Pathanjali C, Assistant Professor. The FDP started with an ice-breaking session that included an introduction of trainers and participants. Participants were apprised about the capabilities and applications of Python language. The FDP covered the basics of Python programming, Control Structures, Data Structures, Functions, Modules, Packages and Exception Handling. They were highly interactive and were loaded with hands-on experiences, quizzes and assignments to get the complete understanding of the topic.

Team members were appreciated and participants were acknowledged for their involvement in the learning process. Participants were quite happy and satisfied with the knowledge gained and thanked the trainers for such a great initiative.



Glimpse of the session

Convener


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


Chairman

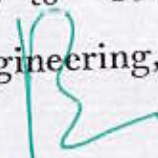
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#11/5, HFSARAGHATTA MAIN ROAD, BENGALURU - 560057

Certificate of Participation

This is to certify that

Mr./Ms. Veena Gadad
Successfully participated in the Faculty Development Program on "Python and its Applications" from 19/01/2015 to 23/01/2015 organized by Department of Computer Science & Engineering, Sapthagiri College of Engineering, Bengaluru- 560057.


HOD


Principal
Sapthagiri College of Engineering
Chikkasandra, Hexareghatta Road,
Bangalore-560057


PRINCIPAL



SAPTHAGIRI COLLEGE OF ENGINEERING

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ACADEMIC YEAR 2014-2015

Date: 12/01/2015

CIRCULAR

Department of Electronics and Communication Engineering is conducting a five days faculty development programme on **Multi modal image fusion** for the technical developments of the

faculty from 19th Jan 2015 to 23th Jan 2015. All the faculty can register their names with

Prof. Vani A and Prof shilpa V

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



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ACADEMIC YEAR 2014-2015

Minutes of Meeting

A meeting of all the faculty was held on 07/01/2015 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 **Multi modal image fusion** to faculty members was discussed and approved by the HOD.

Programme schedule:

Detailed Syllabus & Schedule

DAY 1 - Multi-Modality Registration And Fusion Of Medical Image Data

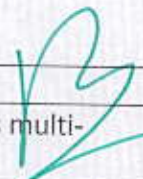
Date: 19/01/2015

Time	Topics
08:30 am To 10:15 am	Digitalisation of health care providing facilities allows US to maximize the usage of digital data from one patient obtained by various modalities.
Tea Break	
10:30 am To 12:30 pm	Complex view on to the problem can be achieved from the site of morphology as well as functionality
Lunch Break	
01:30 pm To 03:00 pm	Multi-modal registration and fusion of medical image data is one of the examples that provides improved insight
Tea Break	
03:15 pm To 04:00 pm	contact Sleep Study by Multi-Modal Sensor Fusion

DAY 2 -Extended feature-fusion guidelines to improve image-based multi-modal biometrics

Date: 20/01/2015

Time	Topics
08:30 am To	Full Text Available The feature-level, unlike the match score-level, lacks multi-


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Bangalore- 560 057



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ACADEMIC YEAR 2014-2015

To 10:15 am	modal fusion guidelines
10:30 am To 12:30 pm	Demonstrates a practical approach for improved image-based biometric feature-fusion. The approach extracts and combines the face, fingerprint
01:30 pm To 03:00 pm	Multi-Modal Literacies in Middle Grades Science
03:15 pm To 04:00 pm	Visual communication spans our understanding of adolescent multi-modal capabilities that reach beyond the traditional conventions of linear speech and written text in the science curriculum

DAY 3 – Multi-Modality Medical Image Fusion Based on Wavelet Analysis and Quality Evaluation

Date: 21/01/2015

Time	Topics
08:30 am To 10:15 am	Multi-modality medical image fusion has more and more important applications in medical image analysis and understanding
Tea Break	
10:30 am To 12:30 pm	Images from different modalities such as PET-MRI and CT-MRI
Lunch Break	
01:30 pm To 03:00 pm	Fusion Guidelines for Image-Based Multi-Modal Biometric Fusion
Tea Break	
03:15 pm	Feature level, unlike the match score level, lacks multi-modal fusion guidelines



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ACADEMIC YEAR 2014-2015

To 04:15 pm	
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DAY 4 – Drug-related webpages classification based on multi-modal local decision fusion

Date: 22/01/2015

Time	Topics
08:30 am To 10:15 am	Convolutional Networks (FCN) have led to a great improvement of semantic labelling for various applications including multi-modal remote sensing data. Although different fusion strategies have been reported for multi-modal data
Tea Break	
10:30 am To 12:30 pm	Multi-modal local decision fusion is used for drug-related WebPages classification. First, meaningful text are extracted through HTML parsing, and effective images are chosen by the FOCARSS algorithm.
Lunch Break	
01:30 pm To 03:00 pm	Multi-Instance Learning is used to classify those drug related WebPages. Experimental results demonstrate that the classification accuracy of multi-instance learning with multi-modal local decision fusion is much higher than those of single-modal classification
Tea Break	
03:15 pm To 04:15 pm	SVM classifier is trained for the cannabis, which is represented by the mid-feature of BOW model

DAY 5 – On the Multi-Modal Object Tracking and Image Fusion Using Unsupervised Deep Learning Methodologies

Date: 23/01/2015

Time	Topics
08:30 am To 10:15 am	PET/CT images to predict immunotherapy response in non-small cell lung cancer (NSCLC)
Tea Break	
10:30 am	

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ACADEMIC YEAR 2014-2015

10:30 am To 12:30 pm	Fusion power and define a role for the utilities in the fusion development process
Lunch Break	
01:30 pm To 03:00 pm	The neuro-imaging data, including CT, CTA, DSA, MRI, fMRI were input to 3dgo sczhry workstation for image fusion and 3D reconstruction
Tea Break	
03:15 pm To 04:00 pm	Apparent diffusion coefficient (ADC), fractional anisotropy (FA) and relative cerebral blood volume (rCBV)

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. H C Sateesh Kumar	Guest Speaker	

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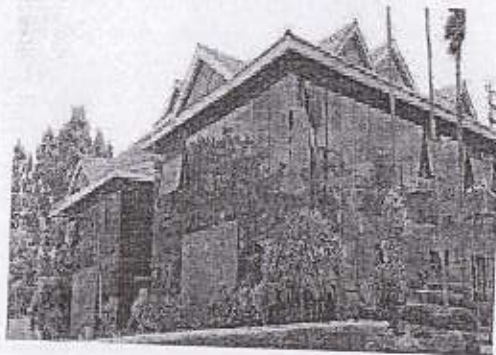
**5 Days FDP
On**

"Multi modal Image Fusion"

19th January 2015 to 23rd January 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

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 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

- Introduction to different modalities available in image processing
- Software's available image registration and for extracting features
- Functional imaging technique with a high-resolution
- Classification algorithms available
- Implementation of projects on machine learning in the campus

Resource Persons:

Mr. H C Sateesh Kumar,
Associate Professor,
Department of Electronics & Communication
Engineering
Sai Vidya Institute of Technology, Bengaluru

Prof. Agalya P
Associate Professor
Department of Electronics & Communication
Engineering
Sapthagiri College of Engineering, Bangalore

Address for Registration /Communication

Prof. Shilpa V :9538959760

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Phone: 080-28 372800/1/2

Fax: 080-28 372797

ACADEMIC YEAR 2014-2015

2014-15(EVEN)

List of participants and Attendance FDP on "Multi modal image fusion"
From 19th Jan 2015 to 23rd Jan 2015

Sl. No.	Name of the Faculty	19/01/15		20/01/15		21/01/15		22/01/15		23/01/15	
		FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	S. Shobha	8	8	8	8	8	8	8	8	8	8
2	SHWETHA.G	8	8	8	8	8	8	8	8	8	8
3	Sangeetha.K.Siri	8	8	8	8	8	8	8	8	8	8
4	ANITHA.MURTHY	8	8	8	8	8	8	8	8	8	8
5	Shobha H	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
6	Shidpa.V	8	8	8	8	8	8	8	8	8	8
7	Prathibha.P	8	8	8	8	8	8	8	8	8	8
8	Suma.V	8	8	8	8	8	8	8	8	8	8
9	Basavaraj.S	8	8	8	8	8	8	8	8	8	8
10	Kanishtha.B	8	8	8	8	8	8	8	8	8	8
11	VisayaLakshmi	8	8	8	8	8	8	8	8	8	8
12	Jayadev.O.B	8	8	8	8	8	8	8	8	8	8
13	Karthik.N.C	8	8	8	8	8	8	8	8	8	8
14	VANI.A	8	8	8	8	8	8	8	8	8	8
15	VANI.V	8	8	8	8	8	8	8	8	8	8
16	Jayaprabha.V	8	8	8	8	8	8	8	8	8	8
17	Ravishankar.M	8	8	8	8	8	8	8	8	8	8
18	Sasmita.Moharj	8	8	8	8	8	8	8	8	8	8
19	Shobha.B.N	BNS	BNS	BNS	BNS	BNS	BNS	BNS	BNS	BNS	BNS
20	Sandhya.Pani	8	8	8	8	8	8	8	8	8	8
21	Geetha.C.R	8	8	8	8	8	8	8	8	8	8
22	SATHISH MURTHY	8	8	8	8	8	8	8	8	8	8
23	Sudha.M.S	8	8	8	8	8	8	8	8	8	8
24	Agalya.P	8	8	8	8	8	8	8	8	8	8



SAPTHAGIRI COLLEGE OF ENGINEERING

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

#4/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru- 560 057.

Web: www.sapthagiri.edu.in, Phone: 080-28372800/1/2

Department of Electronics and Communication

"FDP Report on "Multi modal Image FUSION"

Date: 19.01.2015 to 23.01.2015

Time: 9 AM to 4 PM

Venue: DSP and HDL Lab, Faraday block, SCE

RESOURCE PERSONS PROFILE:

1. Name: Mr. H C Sateesh Kumar

Current Status: Assoc. Professor

Department of ECE

Sai Vidya Institute of Technology, Bengaluru.

Qualification B.E., M.Tech.,

Professional Experience: He has 24 years of Teaching, research and administrative experience. He has over 40 research publications in refereed International Journals and Conference Proceedings. His area of interest is in the field of Signal Processing and Communication Engineering. He is the life member of Institution of Engineers (India), Institution of Electronics and Telecommunication Engineers and Indian Society for Technical Education.

2. Name: Prof. Agalya P

Current status: Assoc. professor

Department of ECE, SCE, Bangalore

Qualification B. Tech. M.Tech. (PhD)

Professional Experience: Has 18+ years of Teaching experience in various subjects in the field of Electronics and communication. Currently working as associate professor in the department of Electronics and Communication Engineering, Sapthagiri college of Engineering, Bangalore. Has published various papers in National and International level conferences. Has been resource person for various workshops conducted in Sapthagiri college of Engineering.

Principal

Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,

Bangalore-560 057

Department of Electronics and Communication

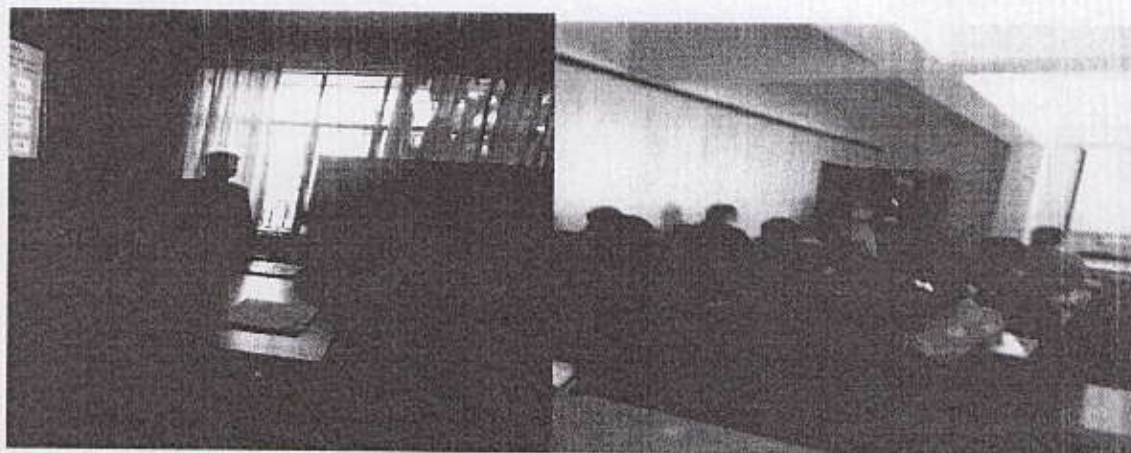
Summary Report:

Faculty development programme was conducted on Multi modal image fusion by the department of Electronics and Communication from 19th Jan 2015 to 23rd Jan 2015. The FDP programme was inaugurated by the principal. The first day session started with introduction to different modalities available in image processing and also its applications by Prof. H C Sateesh Kumar. The second day the session started with software's available image registration and for extracting features. The session was followed by hands-on on feature extraction and installation of software.

The third day session started with fusion of combination of a functional imaging technique with a high-resolution structural imaging modality to provide more comprehensive information by Prof. Shobha Sand hands-on was provided in the lab.

The Fourth day session started with classification algorithms available for classification of medical images. And introduction to artificial neural network. In the afternoon hands-on was provided.

On the last day of the FDP the session followed by question and answers where faculties interacted on questions about implementation of projects on machine learning in the campus. They also discussed about future in the domain. The FDP was useful and well appreciated by faculties. The session was concluded with vote of thanks and distribution of certificates to the participants.



Mr. H C Sateesh kumar delivering speech to participants

(Signature)
Principal

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

(Signature)
Chairman
Academic committee

(Signature)
Head of the Department
Electronics & Communication
Sapthagiri College of Engineering
Bangalore-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. Vani. V of has participated and successfully completed Five days Workshop on "Multi modal image fusion" from 19th January to 23rd January 2015 organized by the Electronics and Communication Engineering Department, Sapthagiri College of Engineering.


HOD

Dept. of ECE



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


Principal



SAPTHAGIRI COLLEGE OF ENGINEERING

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

Phone: 080-28 372800/1/2

Fax: 080-28 372797

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Date: 10/01/2015

CIRCULAR

Faculties are hereby informed that department is conducting following FDP:

Subject: "Modern trends in Smart grid"

Date: 19th January 2015 to 23rd January 2015

Resource Person: Mr. S Bhagavan, Managing Director, RACE Technology, Bangalore

All the Faculties are requested to attend the FDP without fail.

Principal

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

HOD
Dept. of EEE

SAPTHAGIRI COLLEGE OF ENGINEERING

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Fax: 080-28 372797

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 "Modern trends in Smart grid" from 19th January 2015 to 23rd January 2015 and the same was approved by the HOD.

Detailed Syllabus & Schedule

DAY 1 - Date: 19/01/2015

Time	Topics
09:30 am To 11:00 am	Inauguration, Invocation, welcome speech, Introduction of resource person, presidential address
Tea Break	
11:30 am To 1:30 pm	Why Smart Grid? Reliability & Feasibility
Lunch Break	
02:30 pm To 04:00 pm	Load Adjustment/ Load Balancing, Market enabling.

DAY 2 - Date: 20/01/2015

Time	Topics
09:30 am To 11:00 am	Sustainability, Smart Grid Modelling.
Tea Break	
11:30 am To 1:30 pm	Power Theft/ Power Loss. Deployment & Attempted Deployment
Lunch Break	
02:30 pm To 04:00 pm	Guide lines & Standard of Smart Grid.

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Fax: 080-28 372797

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

DAY 3 - Date: 21/01/2015

Time	Topics
09:30 am To 11:00 am	Distributed Generation and Smart Conception
Tea Break	
11:30 am To 1:30 pm	Regulation and Market Model for Smart Grid
Lunch Break	
02:30 pm To 04:00 pm	Smart Distribution Technology

DAY 4 - Date: 22/01/2015

Time	Topics
09:30 am To 04:00 pm	Industrial Visit

DAY 5 - Date: 23/01/2015

Time	Topics
09:30 am To 11:00 am	Market Outlook & Economic development
Tea Break	
11:30 am To 1:30 pm	Present Scenario in India & Power Crisis.
Lunch Break	
02:30 pm To 04:00 pm	Question / Answer session, Feed Back, Valedictory Function etc

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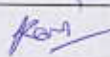

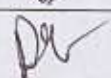
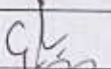

Web: www.sapthagiri.edu.in, Email: principal@sapthagiri.edu.in

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 Rukmangada R	Member	



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

REGISTRATION FORM
5 Days Faculty Development
Programme
on

“Modern trends in Smart grid”

FROM
19th January 2015 to 23rd January 2015

Name of the Participant:

.....

Gender:

.....

Department:

.....

Name & Address of Institution:

.....

.....

Address for Communication:

.....

.....

.....

Email ID:.....

Mobile:

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. K N Ravi,

Principal, SCE, Bengaluru

Program Coordinator

Prof. A Dhamodaran

Assistant Professor., EEE, SCE, Bengaluru

MEMBERS

Prof. Jhansi K.

Assistant Professor, EEE, SCE, Bengaluru

Prof. Ashwini C.

Assistant Professor, EEE, SCE, Bengaluru

Prof. Ramya M.

Assistant Professor, EEE, SCE, Bengaluru

Prof. Guru Prasanna.

Senior Grade Lecturer, EEE, SCE, Bengaluru



5 Days Faculty Development Programme
on

“Modern trends in Smart grid”

FROM
19th January 2015 to 23rd January 2015

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

Signature of
the Applicant

Signature & Seal of
the HOD/ Principal

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

SAPTHAGIRI COLLEGE OF ENGINEERING

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

Phone: 080-28372800/1/2

Fax: 080-28372797

2014 - 15 [EVEN]

List of participants and Attendance- FDP on "Modern Trends in Smart Grid"
from 19th Jan 2015 to 23rd Jan 2015.

Sl. No.	Name of the Faculty	19/01/15		20/01/15		21/01/15		22/01/15		23/01/15	
		FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	Jhansi 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"/>
2	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"/>
3	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"/>
4	A. Dharmodaran	<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	Guruprasanne	<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	R. Lakshmanan	<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	Rekha S. W	<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	Dr. K. N. RAU	<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	A. M. LEECH	<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	JHANSI. 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"/>
11	RAGHYA. 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	YOUSUF MADAR	<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											

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 2014-15(EVEN)

Report on FDP on "Modern trends in Smart grid"

EEE Department conducted an FDP on "SMART GRID" from 19th January 2015 to 23rd January 2015 with an aim to provide additional skills, technical information & training by Mr. S Bhagavan, Managing Director, RACE Technology, an expert on the subject. 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 & helpful to gain knowledge on the subject of SMART GRID & its applications.




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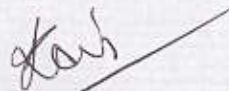


Sapthagiri College of Engineering

Bangalore-560057

Certificate

This is to certify that Mr. /Ms. Thanshi . k
of EEE has participated
and successfully completed 05 days Faculty Development Program on
"Modern trends in Smart grid" from 19/1/2015 to 23/1/2015
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




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


Department of Information Science and Engineering

CIRCULAR

10/01/15

All the faculties are hereby informed to attend the meeting in the HOD's Office at 10.30 AM on 12/1/15 to discuss about the Faculty Development Program on Image Processing.


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


HOD ISE

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




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

Department of Information Science and Engineering

CIRCULAR

17/01/2015

All the Faculties of Information Science and Engineering Department are hereby informed to attend five days Faculty Development Program on Image Processing from 19th January 2015 to 23rd January 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 - 560057

Minutes of Meeting

A meeting of all the faculties was held on 12-01-2015 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 Image Processing was discussed and approved by the HOD.

Detailed Schedule

DAY 1

Date: 19/01/2015

Time	Topics
2:30 pm To 4:00 pm	Introduction to Image Processing.

20/01/2015

DAY 2

Time	Topics
08:30 am To 10:15 am	Origins of image processing Fundamental Steps.
Tea Break	
10:30 am To 12:30 pm	Components
Lunch Break	
01:30 pm To 03:00 pm	Image Sensing and acquisition.
03:15 pm To 04:00 pm	Sampling and quantisation.

Principal

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DAY 3

Date: 21/01/2015

Time	Topics
08:30 am To 10:15 am	Linear and non linear operation.
Tea Break	
10:30 am To 12:30 pm	Histogram processing
Lunch Break	
01 30 pm To 03 00 pm	Spatial Filters
Tea Break	
03:15 pm To 04:15 pm	Sharpening spatial filters.

DAY 4

Date: 22/01/2015

Time	Topics
08:30 am To 10:15 am	Discrete fourier transform.
Tea Break	
10:30 am To 12:30 pm	Filtering in frequency domain.
Lunch Break	
01:30 pm To 03:00 pm	Selective filters.
Tea Break	
03:15 pm To 04:15 pm	Restoration.

Date: 23/01/2015

Day 5

Time	Topics
08:30 am To 10:15 am	Colour image processing
Tea Break	

Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road

10:30 am To 12:30 pm	Wavelets
Lunch Break	
01:30 pm To 03:00 pm	Discussion of Algorithms.

Principal

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Chikkasandra, Hesaraghatta Road,
Bengaluru-560 057

Coordinator



**Five Days FDP
On
“Image Processing”
FROM 19th Jan 2015 to 23rd Jan 2015**

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



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

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 Image Processing.
- To understand various image processing algorithms

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:

gayatrirkrishna@sapthagiri.edu.in

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

FDP on "Image Processing" Attendance

Sl No.	Faculty Name	19.1.15		20.1.15		21.1.15		22.1.15		23.1.15	
		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	MP	MP	MP	MP	MP	MP	MP	MP	MP	MP
3	Prof Jyothi C.S	Jyothi	Jyothi	Jyothi	Jyothi	Jyothi	Jyothi	Jyothi	Jyothi	Jyothi	Jyothi
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 Madhu N	MN	MN	MN	MN	MN	MN	MN	MN	MN	MN
7	Prof Yashaswini D.K	YDK	YDK	YDK	YDK	YDK	YDK	YDK	YDK	YDK	YDK
8	Prof Ramya R	R	R	R	R	R	R	R	R	R	R
9	Prof Anitha K	Ak	Ak	Ak	Ak	Ak	Ak	Ak	Ak	Ak	Ak
10	Prof Gayatri Rayar	Gayatri	Gayatri	Gayatri	Gayatri	Gayatri	Gayatri	Gayatri	Gayatri	Gayatri	Gayatri
11	Prof Mamatha S.K	Mamatha	Mamatha	Mamatha	Mamatha	Mamatha	Mamatha	Mamatha	Mamatha	Mamatha	Mamatha
12	Prof Divyashree G	D	D	D	D	D	D	D	D	D	D
13	Prof Gayatri R	GR	GR	GR	GR	GR	GR	GR	GR	GR	GR
14	Prof Ramya B.N	RBN	RBN	RBN	RBN	RBN	RBN	RBN	RBN	RBN	RBN

Coordinator

Principal

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

Report on Image Processing

No of Participants =14

Aiming to provide an Faculty Development Program on Image Processing for the faculties of Department of Information Science Engineering, Sapthagiri College of Engineering held during 19th January 2015 to 23rd January 2015. The resource person for the particular FDP is Prof Prerana Chaithra, Associate Professor and HOD, Department of ISE. Overall the faculties felt that the session was informative & gained knowledge about Image Processing. Faculties were able to process the digital images through various algorithms. Faculties were able to understand the difference between digital image processing and analog image processing.



FDP on Image Processing by Prof Prerana Chaithra


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


Coordinator




Sapthagiri College of Engineering

Bangalore-560057

Certificate


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

This is to Certify that Mr./Ms. MALATHI K.P
of Information Science and Engg. has participated
and successfully completed Five days Faculty Development Program on
"Image Processing" from 19th January, 2015 to 23rd January, 2015
organized by the Department of Information Science & Engineering,
Sapthagiri College of Engineering.


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, Bengaluru- 560 057.

Date: 14/06/15

CIRCULAR

Mechanical Engineering faculty are hereby informing that there will be a faculty development program entitled “**Advances in I C Engines**” for three days on 19th July 2015 to 23rd July 2015. The interested candidates enroll your names with **Mr. Padmanabha G.**



HOD

Department of Mechanical Engineering

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



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

PROGRAMME SCHEDULE

A meeting was conducted on 13th Jun. 2015 in Mechanical HOD office to discuss and finalize the following about the five days faculty development program.

- FDP program on 19th July 2015 to 23rd July 2015.
- Programme Convener- Mr. Padmanabha G
- Certificate program entitled as Advances in I C Engines.
- 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.
19/07/2015	Registration & Inauguration Function	Hydrogen Internal Combustion Engines
20/07/2015	Direct Fuel Injection System for Petrol	Direct Fuel Injection System for Diesel Engines
21/07/2015	Hybrid Engines	Hybrid Engines
22/07/2015	Economics & Performance of Alternative fuel for I C Engines	Economics & Performance of Alternative fuel for I C Engines
23/07/2015	Development of Low Emission I C Engines	Valedictory Function

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


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H.O.D. Dept. of Meen. 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

Convener

Dr.S H Manjunath

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

Coordinator

Mr. Padmanabha G

Asst. Professor, SCE, Bengaluru

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

Faculty Development Programme

On

Advances in I C Engines

On

19th -23rd January 2015

Organized by

Sapthagiri College of Engineering

Department of Mechanical Engineering

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

Phone: 080-28372800/01/02/03



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

Overview of I.C. Engines and the Combustion Phenomenon, Determination of Performance Characteristics of I.C.Engines and solving the related problems, Analyzing engine emissions and applying suitable emission control techniques, Applying emission norms and judging appropriate diesel Particulate Filters, Alternate fuels for IC Engines, Understanding the new combustion concept: Homogeneous Charge Compression Ignition(HCCI), Biodiesel production process and strategies to use Biodiesel in CI engines and Fundamentals of Proton Exchange Membrane Fuel Cell and Direct Methanol Fuel Cell.

Resource Persons

Prof. Shivamurali Mohan Reddy A

Assistant Professor
Department of Mechanical Engineering
P E S Institute of Technology Bangalore

Prof. Basavaraj Ganiger

Assistant Professor
Department of Mechanical Engineering
Kalpataru Institute of Technology Tiptur

DEPARTMENT OF MECHANICAL ENGINEERING SAPTHAGIRI COLLEGE OF ENGINEERING

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

FDP ON Advances in I C Engines Attendance

Sl. No.	Name	19/01/2015		20/01/2015		21/01/2015		22/01/2015		23/01/2015	
		MS	AS	MS	AS	MS	AS	MS	AS	MS	AS
1	Padmanabha. G	1	2	3	4	5	6	7	8	9	10
2	Arjun Kumar. R	1	2	3	3	4	5	6	7	8	9
3	Ramesh. N. G	1	2	3	4	5	6	7	8	9	10
4	Tilak. S	1	2	3	4	5	5	6	7	8	9
5	Madhukumar. Y. C	1	2	3	4	5	6	7	8	9	10
6	Mahesh. S	1	2	3	3	4	5	6	7	8	9
7	Ram Kumar. M	1	2	3	4	5	6	7	8	9	10
8	Pranod. S. V	1	2	3	4	5	6	7	8	9	10
9	A. M. Madesh	1	2	3	4	5	6	7	8	9	10
10	P. R. Rao	1	2	2	3	4	5	6	7	8	9
11	Ullas. C. S	1	2	3	4	5	5	6	7	8	9
12	T. Venkate gowda	1	2	3	4	5	6	7	8	9	10
13	Rajalakshmi. S	1	2	3	4	5	6	7	8	9	10
14	G. R. Jagannath	1	2	3	4	5	6	7	7	8	9
15	Prathima. C. N	1	2	3	4	5	6	7	8	9	10
16	Anil Kumar	1	2	3	4	5	6	7	8	9	10
17	Mahadev Prasad	1	2	3	4	4	5	6	7	8	9
18	Sunil Kumar	1	2	3	4	5	6	7	8	9	10
19	Sanjay. H. M	1	2	3	4	5	6	7	7	8	9
20											

Signature of Convener

Principal

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

REPORT

FDP on Advances in I C Engines

Department of mechanical Engineering organized FDP on **Advances in I C Engines**.

Speakers

Prof. Padmanabha G, Assistant Professor, Department of Mechanical Engineering, Sapthagiri College of Engineering Bangalore

Prof Shiva Murali Mohan Raddy, Assistant Professor, Department of Mechanical Engineering, P E S Institute of Technology Bangalore.


Prof. Basavaraj Ganig, Assistant Professor, Department of Mechanical Engineering, Kalpataru Institute of Technology Tiptur

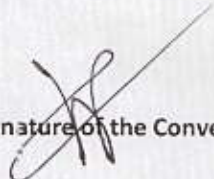
Duration of the course: Jan. 19th 2015 to Jan. 23rd 2015

Date	Morning Session 9.30 a.m. to 12.30 p.m.	Afternoon Session 2.00 p.m. to 5.00 p.m.
19/01/2015	Registration & Inauguration Function	Overview of I.C. Engines and the Combustion Phenomenon
20/01/2015	Thermo chemistry and fluid mechanics of IC Engines	Performance Characteristics of I.C. Engines and solving the related problems
21/01/2015	Modeling of Diesel Engine Combustion Using Diesel Engine	Alternate fuels for IC Engines
22/01/2015	Biodiesel production process and strategies to use Biodiesel in CI engines	Proton Exchange Membrane Fuel Cell and Direct Methanol Fuel Cell
23/01/2015	emission norms and judging appropriate diesel Particulate Filters	Valedictory Function



The FDP intended to provide an intense discussion on **Advances in I C Engines**, The faculty members felt that the session was informative & gained knowledge about developments in I C Engines technology, Alternative fuels for Engines etc.


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Signature of the Convener

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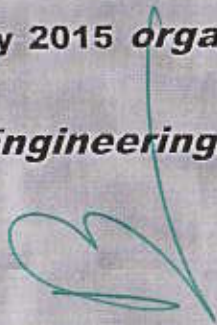


Certificate

This is to Certify that Mr./Mrs. T. VENKATEGOWDA of has participated and successfully completed Five days Workshop on "Advances in I C Engines" from 19th January to 23rd January 2015 organized by the Mechanical Engineering Department, Sapthagiri College of Engineering.


HOD

Dept. of ME


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Principal



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Internal Quality Assurance Cell

Date: 20/12/2014

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 one day Workshop on Bloom's taxonomy

IQAC is planning to conduct a workshop titled "Bloom's taxonomy" on 08/01/2015 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-560057


IQAC Coordinator

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

INVITATION

Cordially invite you for

Workshop on

"BLOOM'S TAXONOMY"

Jan 08, 2015

Resource person:

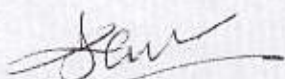
Dr. Sripad Markande

Dean Academics of Alliance University

Venue: seminar hall

Time : 9:00 AM


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Bangalore- 560 057


IQAC Co-ordinator



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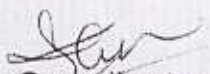
Fax: 080-28372797

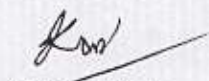
Internal Quality Assurance Cell

Date: 06-01-2015

Circular


It is here by informed for all the faculties of various department to attend one day workshop titled "Bloom's taxonomy" organized by the IQAC cell from 08/01/2015 at seminar hall.



Coordinator


Chairman

CC:

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


Principal
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Chikkasandra, Hesaraghatta Road,
Bengaluru- 560 057


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

Academic Year: 2014- 2015

One day workshop on “Bloom’s Taxonomy”

On

January 8th 2015

Program schedule:

DATE/DAY	TIME	EVENT,SPEAKER & TOPIC COVERED	VENUE
8/01/2015	10:00 AM -10:40 am	Introduction	Seminar Hall
	10:40 am -11 :00 am	Tea break	Seminar hall
	11:00 am -1:00 pm	Lecture-1: <ul style="list-style-type: none">• What is blooms taxonomy• Why we need bloom’s taxonomy	Seminar hall
	1:00 pm- 2:00pm	Lunch break	Seminar hall
	2:00pm -4:00 pm	Lecture-2: <ul style="list-style-type: none">• Revised bloom’s taxonomy• Taxonomy Model	Seminar hall

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Bangalore-560 057
Principal

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

IQAC Co-ordinator

REGISTRATION FORM

One day FDP
on

"BLOOM'S TAXONOMY"

8 Jan 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

About the College

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Resource Person:

Dr. Sripad Markande
Dean Academics of Alliance University

Chief Patrons

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

Patrons

Dr. Puttamadapa C.
Principal, SCE, Bengaluru

Program Coordinator
Dr. B S Krishna

Professor & Head
Dept of chemistry



One Day Faculty Development
Programme

BLOOM'S TAXONOMY

8 Jan 2015

Organized by
IQAC



Sapthagiri College of Engineering

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Bengaluru 560057

Phone: 080-28372800/01/02/03

Principal

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8/1/2015

Bloom's taxonomy

Sl No	Name	Department	Signature
1	Kavi Chandra M	TSE	Ra
2	Sanjay Kumar J.H.	TSE	
3	Sudarsana - D	ISE	
4	SHARATH A	EEE	
5	Mahavishnu	EEE	
6	Ramiah. N.G	M.E	
7	BASAVARAJ GANDEGE	ME	
8	padmajabha. G	ME	
9	Arul Kumar P R	ME	
10	MAHESH. S	ME	
11	Santosh. H.C	Maths	
12	V.H. K. Shreegoudar	Chemistry	
13	Chilam B.P.	ME	
14	SHARATH B.N	EEE	
15	Prashanth Kumar AP	BT	
16	Suliza Prakash. S	CSE	
17	Srikanth M.S	CSE	
18	MOHAN AE	ME	
19	RAVI. T	LIBRARY	
20	ANANDA H.V	B.T	
21	Sanjay H M	Mechanical	
22	Prasanth Kumar R	CSE	
23	Dr. Ranga. K.P.	Chc	
24	Manasa. K.N	CSE	
25	Kavitha	CSE	
26	Kavya	CSE	
27	Nanda. M.B	CSE	
28	Shanya N.P	Maths	
29	Roopa K R	Maths	
30	Shashikala B.S	Physics	
31	Anusuya. M	Chemistry	
32	Sajana G.M	Civil	
33	Prathima. C.N	ME	
34	Anusella B	CSE	
35	Shilpa B.H	CSE	
36	Nehruvathi. B	CSE	

Principal

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37.	Shashisekha. G	CSE	
38.	Prachetha K	CF	
39	Rekha S.N	EE	
40	Ashwini. C	EEE	
41	KANYA.M	EEE	
42	GAYATHRI R	ISE	
43	Kanya R	ISE	
44	Dnyashree. G	ISE	
45	Memindra M	MECH	
46	Bindu M.G	Math	
47	Ruchita. N. Kumar	BT	
48	Sanjay H.M	Mech	
49	Madhukumar YC	ME	
50	ARUNKUMAR R	ME	
51	Radmanabha. G	ME	
52	Ramash. N. G	M.E	
53	DR. BASAVARAJ GANDLER	M.E	
54	Ari. kumar P R	ME	
55	Srikanth M.S	CS	
56	Sanjaykumar J.H	ISE	
57	Hemanth Kumar H.R	Mechanical	
58	Bantupish H.C	Maths	
59	PRAMOD S.V	ME	
60	Basavaraju. S	ME	
61	Prashanth Kumar K.P	BT	
62	YOUNG MADAR. R	EEE	
63.	SHIVARAT.M	EEE	
64.	Bharath. B. N	EEE	
65	Kurali. K. Shree. K	EEE	
66	Makandishu	EEE	
67	Susija Prakash J	CSE	
68	Ginanendra D	Physics	
69	Devraj. C	Physics	
70	Ravi Karitha M	Chemistry	

Principal

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Chikkasandra, Hesaraghatta Road,
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Report on Workshop

Bloom's taxonomy

Jan 08, 2015

The workshop was inaugurated by Dr. Sripad Markande, Dean, Academics of Alliance University Bengaluru and was followed by keynote delivery regarding the importance to know about what is Bloom's taxonomy.


SUMMARY:

The speaker explained about Bloom's taxonomy, Background information, origin of Bloom's taxonomy and its importance of Bloom's taxonomy the revised taxonomy

The curriculum was planned to understand the importance of Bloom's taxonomy during the delivery of lectures and in turn improve the delivery quality of teaching levels.



Discussions about revised concepts of Bloom's taxonomy


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Sapth.
Chikkasandra,
Bangalore-560 057



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To,

Dr. Shilpa Sivshankar
Post Doctoral Fellow
KAUST, Saudi Arabia.

Dear Madam,

Sub:Seminar on Research Methodology (RM).

The Sapthagiri College of Engineering is arranging seminar on Research Methodology (RM). 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:04.08.2014

Time: 2PM to 4PM

Venue: ECE MTech Class Room , Academic Block.

Thanking you,

Dr. KN Ravi

Professor and Head

Department of Electrical and Electronics Engineering

Sapthagiri College of Engineering

Bengaluru

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CIRCULAR

The college is organizing seminar on "Methods For Formulating Research Problem " by Dr. SHILPA SIVASHANKAR, PhD, Post Doctoral Fellow, KAUST, Saudi Arabia on 04.08.2014 from 2.30PM to 4 PM in ECE MTech Room, Academic block.


Hence hereby informing all faculties to attend the same.


PRINCIPAL

Principal
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Copy to:

1. All HOD's
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Report on

Topic: "Seminar on Methods For Formulating Research Problem"

By

Dr. Shilpa Sivashankar

Post Doctoral Fellow

KAUST Saudi Arabia.

Date: 04.08.2014

Time: 2 PM to 4 PM

Venue: M Tech ECE Class room, SCE Bangalore.

The lecture started with an invocation , followed by seeking the blessings of the almighty. The stage was handed over to Dr. KN Ravi, Professor and Head Department of EEE to welcome the participants and guest Dr. Shilpa Sivashankar, Post Doctoral Fellow from KAUST Saudi Arabia.

The Speaker started the session by defining objectives that will help us to develop effective research. It will help the decision makers evaluate the research questions your project should answer as well as the research methods your project will use to answer those questions. In order to do this, we have to identify the environmental variables that will affect the research project and begin formulating different methods to control these variables. Research problems range from simple to complex, depending on the number of variables and the nature of their relationship. Sometimes the relationship between two variables is directly related to a problem or questions, and other times the relationship is entirely unimportant. If we understand the nature of the research *problem as a researcher*, we will be able to better develop a solution to the problem.

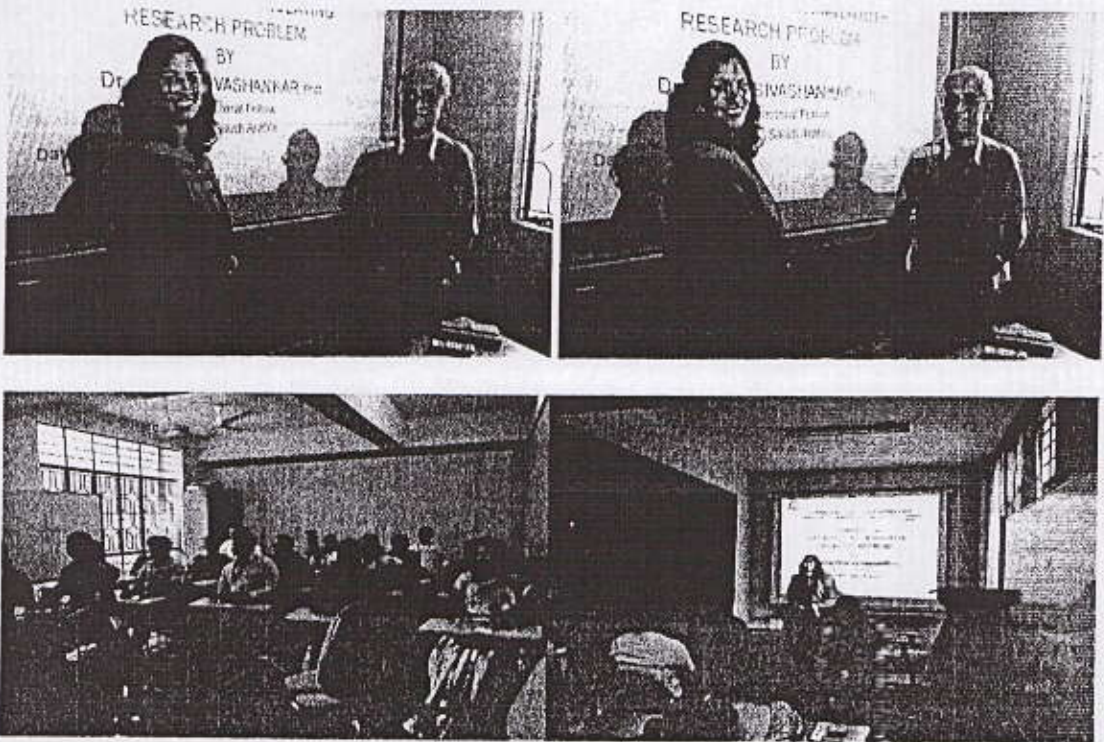
To help us understand all dimensions, we might want to consider focus groups of consumers, salespeople, managers, or professionals to provide what is sometimes much-needed insight


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into a particular set of questions or problems. There are always consequences to any course of action used in one or more projects. Anticipating and communicating the possible outcomes of various courses of action is a primary responsibility in the research process. The session was useful and motivated participant to formulate research problem statement.

Photo Gallery:



KN
Dr. KN Ravi
HOD EEE

Puttanna
Dr. Puttanna
Principal

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

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Attendance Report of

"Seminar on Methods For Formulating Research Problem"

Date: 04.08.2014

Sl No	Name	Department	Signature
1	Sangeeta Dizi	ECE	
2	Madhusree	CSE	
3	Ravikiran	Che	
4	Isalthe	CSE	
5	Divyashree G	ISE	
6	Pandurangabhaiah	ME	
7	Kavichandran	JSE	
8	Praveetha G.N.	ICE	
9	Ramiah N.G	ME	
10	Munivara M	Maths	
11	Sudha M.S	ECE	
12	Madhukumar Y.C	ME	
13	Koopa K.R	Maths	
14	Bindu M.G	Maths	
15	Shibha H	ECE	
16	Ashwini L	EEE	
17	Suna V Shetty	ECE	
18	Prathibha P.	ECE	
19	Ravi Shankar M.N	ECE	
20	A.Dhamodaram	EEE	
21	SAILPA V.	ECE	
22	Ramya R	ISE	
23	Radhika S.V	EEE	
24	Kshwini A.V	EEE	
25	Shobha G.	BT	

Principal

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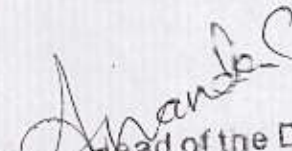
Chikkasandra, Hesaraghatta Road,

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Date: 04/07/2014


Meeting Circular

A meeting is schedule on 07/07/2014 at 1:00 PM in Department of Biotechnology. This meeting will be discussion regarding FDP.


HOD Head of the Department
Dept. of Bio-Technology
Sapthagiri College of Engineering
#14/5, Chikkasandra
Hesaraghatta Main Road
Bengaluru - 57

Copy To,

1. HOD of Physics 
2. HOD of Chemistry 


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Chikkasandra, Hesaraghatta Road,
Bangalore- 560 057

Date: 20-7-2014

Circular

Faculty of Department of Biotechnology and Department of Basic Science are hereby informed to attend five days faculty development programme titled as **Next Generation Sequencing** from 22-7-2014 to 26-7-2014. All the Faculty register their names with Faculty Coordinator Mr Prashanth Kumar HP.

Ananda S

Ananda S
HOD

Department of Biotechnology
Head of the Department
Dept. of Bio - Technology
Sapthagiri College of Engineering
No. 57/1, Chikkasandra
Hesaraghatta Main Road
Bangalore - 57

Copy To,

1. HOD of Physics *[Signature]*
2. HOD of Chemistry *[Signature]*

[Signature]

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DEPARTMENT OF BIOTECHNOLOGY AND DEPARTMENT OF BASIC SCIENCE
Jointly Organized Five days Faculty Development Programme

ON

"NEXT GENERATION SEQUENCING"

22-7-2014 to 26-7-2014

Tuesday-Saturday

SCHEDULE

Time Date/Day	9:30AM TO 10:30AM	11:00 AM To 1:00 AM	2:00PM TO 3:00PM	3:30PM TO 4:30PM
22-7-2014 Tuesday	FDP Inaugural Function	General introduction of Genetic material, its isolation and application By Prof Prashanth Kumar HP	LAB SESSION DNA Isolation by CTAB method By Prof Prashanth Kumar HP	
23-7-2014 Wednesday	Sequencing Methods Of DNA Ms Pooja Ramesh		Lab session DNA sequencing by Nanopore Ms Pooja Ramesh	
24-7-2014 Thursday	PCR variants and its applications Dr Ananda S	Next Generation sequencing & its Future prospects Mr. Sachin SIMS & RC	Lab session DNA amplification by PCR Dr Ananda S	
25-7-2014 Friday	Tools for NGS process Dr. Praveen Kumar		Shodhaka Life science private limited - Next Generation Sequencing NGS platform along with sequence analysis	
26-7-2014 Saturday	Shodhaka Life science private limited NGS platform along with sequence analysis			Valedictory Function

#10:30AM-11:00AM- Tea Break, 1:00PM-2:00PM-Lunch Break, 3:00PM-3:30PM - Tea Break

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Bangalore- 560 057

Ananda S
Head of the Department
Dept. of Bio -Technology
Sapthagiri College of Engineering
No. 57/1, Chikkasandra
Hesaraghatta Main Road
Bangalore - 57

PATRONS

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Chairman, SCE
Sri. G D Manoj
Executive Director, SCE
Dr. Puttamadappa C
Principal, SCE

ORGANISERS

Dr. Ananda S
HOD, BT
Dr. Krishna B S
HOD, Chemistry
Dr. Jagadeesh Gowda
HOD, Physics

Co-ordinator

Prof. Prashanth Kumar H P
AP, Dept of BT

Registration Form
Faculty Development
Programme

Next Generation
sequencing

22-7-2014 to 26-07-2014
Tuesday-Saturday

Participant Details

Name : _____
Dept : _____
College : _____
Mobile : _____
Email ID : _____
Area of Interest : _____

Signature of the Participant

Principal
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Five Day
Faculty Development
Programme

On
Next Generation
sequencing

22-7-2014 to 26-07-2014
Tuesday-Saturday

Department of Bio-Technology
&
Department of Basic Sciences

Report of FDP Programme

"Next Generation Sequencing"

The Department of Biotechnology and Department of Basics Science jointly organized the FDP programme on **Next Generation Sequencing** for 5 days from **22-7-2014 to 26-7-2014** (Tuesday-Saturday).

The FDP was organized for Faculties of Department of Biotechnology and Basics science. The massively parallel sequencing technology also known as next-generation sequencing (NGS) which made huge revolution in the biological sciences because of its ultra-high throughput, scalability, and speed. NGS enables researchers to perform a wide variety of applications and study biological systems such as sequence whole genomes, Utilize RNA sequencing (RNA-Seq) to enumerate novel RNA variants and splice sites, DNA methylation and DNA-protein interactions and study microbial diversity in humans or in the environment. The next-generation sequencing generates masses of DNA sequencing data with cost ineffective and less time-consuming than traditional Sanger sequencing.

Objectives of Programme

1. To know about the Next generation sequencing
2. Steps involved in sequencing in the process
3. It's Application
4. Hands on Training

Summary of Event

Day 1: 22-7-2014 Tuesday

The session talk was started with "General introduction of DNA and RNA its isolation and application" by Prof Prashanth Kumar HP, Assistant Professor, and Department of Biotechnology and also the lab session was conducted by him after the talk.

Day 2: 23-7-2014 Wednesday

Ms Pooja Ramesh, Technical Head, GenEclat (17-02-2016) delivered a lecture on "Sequencing Methods of DNA". The speaker explained the Microbial whole-genome sequencing technique for identifying pathogens and antimicrobial resistance. The protocol for carrying the next generation sequencing and the problems that encounter during extraction and isolation of sample were highlighted followed by lab session.


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Report of FDP Programme
"Next Generation Sequencing"

Day 3: 24-7-2014 Thursday

"Next Generation sequencing & its Future prospects" was delivered by **Mr. Sachin, SIMS** highlighted about the prospects of NGS in third world countries.

Dr Ananda S, Prof and Head, Department of Biotechnology

Delivered the Talk on PCR variations and its application. The History, principle and its application was explained. The DNA isolated and preserved were used for amplification in lab session was running the PCR.

Day 4: 25-7-2014 Friday and Day 5: 26-7-2014 Saturday

Session on "Tools for NGS process" delivered by **Dr. Praveen Kumar** was an eye opener for the participants on NGS platforms for running sequences.

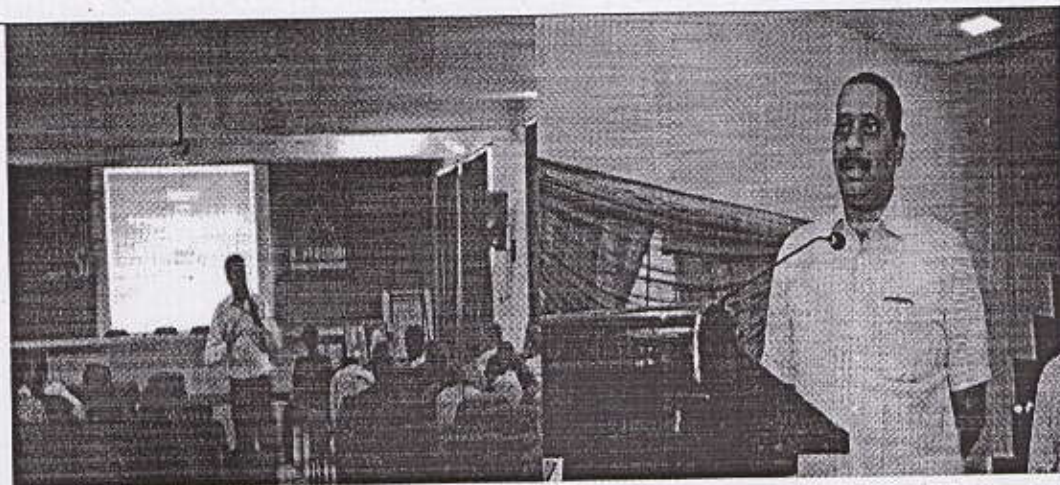
Shodhaka Life science private limited

Delivered the talk on Next generation Sequencing, NGS: RNA-Seq, De-novo and Reference assembly, Gene and protein information (e.g., expression, location, function) followed by lab session on different databases of raw sequence retrieval and directory making.



Principal

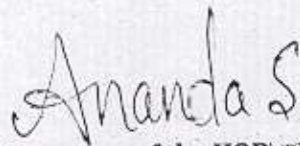
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Bangalore- 560 057


Report of FDP Programme
"Next Generation Sequencing"



General introduction of DNA and RNA its isolation and application
By Prof Prashanth Kumar HP


Signature of the FDP Co-Ordinator


Signature of the HOD
Head of the Department
Dept. of Bio-Technology
Sapthagiri College of Engineering
No. 57/1, Chikkasandra
Hesaraghatta Main Road
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ATTENDANCE LIST

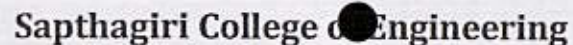
Event Name: Next Generation sequencing
22-7-2014 to 26-7-2014

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. Krishnamurthy NB	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2	Dr. Rohith KC.	+	+	+	+	+	+	+	+	+	+
3	Prasanth Kumar HP	APP	APP	APP	APP	APP	APP	APP	APP	APP	APP
4	Saanya C	o/c	o/c	o/c	o/c	o/c	o/c	o/c	o/c	o/c	o/c
5	Vinutha Menon	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
6	Sobha G	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS
7	Blenny Baby Mathew	BL	BL	BL	BL	BL	BL	BL	BL	BL	BL
8	Vijay Kiran	WIK	WIK	WIK	WIK	WIK	WIK	WIK	WIK	WIK	WIK
9	Krishnamurthy TP	K1	K1	K1	K1	K1	K1	K1	K1	K1	K1
10	Dr. Shashidhara KS	KS	KS	KS	KS	KS	KS	KS	KS	KS	KS
11	Saranya D	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$

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Head of the Department
Dept. of Bio - Technology
Sapthagiri College of Engineering
No. 57/1, Chikkasandra
Hesaraghatta Main Road
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ATTENDANCE LIST

Event Name: Next Generation sequencing

22-7-2014 to 26-7-2014

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Bangalore- 560 057

Head of the Department
Dept. of Bio - Technology
Sapthagiri College of Engineering
No. 57/1, Chikkasandra
Hesaraghatta Main Road
Bangalore - 57



Event Name: Next Generation sequencing
22-7-2014 to 26-7-2014

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Bangalore-560 057

Manda S
Head of the Department
Dept. of Bio - Technology
Sapthagiri College of Engineering
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Department of Biotechnology and Department of Basic Sciences

Five Days Faculty Development Programme

on

"NEXT GENERATION SEQUENCING"

CERTIFICATE OF PARTICIPATION

This is to certify that Dr/Mr/Ms KRISHNAMURTHY NB of
SAPTHAGIRI COLLEGE OF ENGINEERING has successfully participated in the **Five days**
Faculty Development Program from 22-7-2014 to 26-7-2014.


CO-ORDINATOR


CONVENER


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


PRINCIPAL

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


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

ACADEMIC YEAR 2014-2015

Date: 15/07/2014

CIRCULAR

Faculties are hereby informed that the department is conducting a Five days Faculty Development Programme on "**Data Mining**" for our faculties for their Technical Developments from 22nd July 2014 to 26th July 2014. Interested Faculties can register their names with Prof Roopa Banakar and Prof Sushmitha.J.



HOD

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

Copy to

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



Principal
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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*

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Chairman
Sri Srinivasa Educational & Charitable Trust

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

Patrons:

Dr. Srinivasa N. Director, DCE
Dr. M. Aswatha Kumar Principal, SCE

Organizing Chair:

Dr. C M Prashanth
Professor & Head

Co-ordinator:

Prof. Roopa Banakar
Assistant Professor

Prof. Sushmitha
Assistant Professor



SAPTHAGIRI COLLEGE OF ENGINEERING *Five days Faculty Development Programme on "Data Mining"*

22nd July to 26th July 2014



Organized by:

Department of Computer Science & Engineering
SAPTHAGIRI COLLEGE OF ENGINEERING

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

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Bangaluru-560057. Phone No. 080-28372801/221
Fax: 28372797. www.sapthagiri.edu.in

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ACADEMIC YEAR 2014-15

Five days FDP on "Data Mining "on 22nd July 2014 to 26th July 2014

Programme schedule

DATE/DAY	TIME	EVENT, SPEAKER & TOPIC COVERED	VENUE
22/07/2014 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 • Mining Nuggets from Data- Emerging Trends	ALH-114
	1:00 pm- 2:00pm	Lunch Break	
23/07/2014 WEDNESDAY	9:00 am -10:40 am	Lecture-3: Prof. Kamalakshi Naganna • Data Generation and Preprocessing	ALH-114
	10:40 am -11 :00 am	Tea Break	
	11:00 am -1:00 pm	Lecture-4: Prof. Poornima G J • Social Network Analysis and Mining	ALH-114
	1:00 pm- 2:00pm	Lunch Break	
	2:00pm -4:00 pm	Lecture-5: Prof. Poornima G J Social Network Analysis and Mining (contd.)	ALH-114
24/07/2014 THURSDAY	9:00 am -10:40 am	Lecture-6: Prof. Ragini Krishna • Application Examples on Social Network Analysis	ALH-114
	10:40 am -11 :00 am	Tea Break	
	11:00 am -1:00 pm	Lecture-7: Prof. Kamalakshi Naganna • Visualization of Data Using Gephi	ALH-114
	1:00 pm- 2:00pm	Lunch Break	
25/07/2014 FRIDAY	9:00 am -10:40 am	Lecture-9: Prof. Sushmitha J Application Examples on Social Network Analysis	ALH-114
	10:40 am -11 :00 am	Tea Break	
	11:00 am -1:00 pm	Lecture-9: Prof. Arpitha Hands on Session	ALH-114
	1:00 pm- 2:00pm	Lunch Break	
26/07/2014 SATURDAY	9:00 am -10:40 am	Lecture-11: Prof. Veena V • Hands on Practices	ALH-114
	10:40 am -11 :00 am	Tea Break	
	11:00 am -1:00 pm	Valedictory Function	ALH-206

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ACADEMIC YEAR 2014-2015

Five days FDP on "Data Mining" on 22nd July 2014 to 26th July 2014

ATTENDANCE REPORT

SL. No.	Name	Day 1 22/07/2014		Day 2 23/07/2014		Day 3 24/07/2014		Day 4 25/07/2014		Day 26/07/2014
		FN	AN	FN	AN	FN	AN	FN	AN	FN
1	Dr.C.M.Prashanth									
2										
3	KamalakshiNaganna									
4	Rajeev Bilagi									
5	Ancy Thomas									
6	Ragini Krishna									
7	Veena V Pattankar					AB				
8	Latha.A									
9	RoopaBanakar									
10	Poorinima.G J									
11	Rashmi.R									
12	Sushmitha.J									
13	Ranjitha.B									
14	Harini.S									
15	Pathanjali.C									
16	Madhushree									
17	VeenaGadad									
18	Veena K R									
19	Sheethal Raj T G									
20	Nanda.M.B									

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21	Arpitha.S	A	A	A	A	A	A	A	A	A
22	Kavitha.S	As	As	As	As	As	As	As	As	As
23	Harisha C N	As	As	As	As	As	As	As	As	As
24	Vikas B O	B	B	B	B	B	B	B	B	B
25	Veena V	V	V	V	V	V	V	V	V	V
26	AnuradhaBadage	mm	mm	mm	mm	mm	mm	mm	mm	mm


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ACADEMIC YEAR 2014-2015

REPORT ON

Five days FDP on “Data Mining” on 22nd July 2014 to 26th July 2014

Aiming to provide an additional skill and training on technical aspects of Data Mining, department conducted an FDP by Dr. Prashanth C M, HOD, Department of Computer Science, an expert on the subject. The technical session was very helpful in enhancing the technical knowledge amongst the faculty members.



Dr. C M Prashant delivering Lecture on “Data Mining” concepts


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ACADEMIC YEAR 2014-2015



Certificate Distribution for the Participants in the Valedictory Function



Convener



Principal
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Chairman

SAPTHAGIRI COLLEGE OF ENGINEERING

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

Certificate of Participation

This is to certify that

Mr./Ms. Prof Reshmi R.
Successfully participated in the Faculty Development Program on "Data Mining" from 22/07/2014 to 26/07/2014 organized by Department of Computer Science & Engineering, Sapthagiri College of Engineering, Bengaluru- 560057.

HOD

Professor & Head of the Department
Computer Science Engineering

Principal

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Chikkasandra, Hesaraghatta Road,
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PRINCIPAL

Principal

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Phone: 080-28 372800/1/2

Fax: 080-28 372797

ACADEMIC YEAR 2014-2015

Date: 16/07/2014

CIRCULAR

Department of Electronics and Communication Engineering is conducting a five days faculty development programme on **Image processing and applications using Mat lab** for the technical developments of the faculty from 22nd July 2014 to 26th July 2014. All the faculty can register their names with Prof. Prof. Suma V Shetty and Prof. Sudha. V.S.


HOD

Department of ECE

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


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ACADEMIC YEAR 2014-2015

Minutes of Meeting

A meeting of all the faculty was held on 08/07/2014 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 **Image processing and applications using Mat lab** to faculty members was discussed and approved by the HOD.

Programme schedule:

Detailed Syllabus & Schedule

DAY 1 - Introduction And Digital Image Fundamentals

Date: 22/07/2014

Time	Topics
08:30 am To 10:15 am	The origins of Digital Image Processing Examples of Fields that Use Digital Image Processing Fundamentals Steps in Image Processing Elements of Digital Image Processing
Tea Break	
10:30 am To 12:30 pm	Systems Introduction And Digital Image Fundamentals Image Sampling and Quantization
Lunch Break	
01:30 pm To 03:00 pm	Some basic relationships like Neighbours, Connectivity, Distance Measures between pixels Translation, Scaling,
Tea Break	
03:15 pm To 04:00 pm	Rotation and Perspective Projection of image

DAY 2 -MATLAB

Date: 23/07/2014

Time	Topics
08:30 am To 10:15 am	Introduction And Digital Image Fundamentals Linear and Non Linear Operations
10:30 am To 12:30	Digital image Representation Reading, Displaying

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Fax: 080-28 372797

ACADEMIC YEAR 2014-2015

pm	
01:30 pm To 03:00 pm	Writing Images using MATLAB Data Classes
03:15 pm To 04:00 pm	Image Types using MATLAB Digital image Representation Converting Between data classes and Image

DAY 3 – Image Enhancement in the Spatial Domain:

Date: 24/07/2014

Time	Topics
08:30 am To 10:15 am	Smoothing and Sharpening Spatial Filters Intensity
Tea Break	
10:30 am To 12:30 pm	Transformation Function (MATLAB)
Lunch Break	
01:30 pm To 03:00 pm	Image Enhancement in the Spatial Domain Histogram Processing
Tea Break	
03:15 pm To 04:15 pm	Function Plotting (MATLAB)

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DAY 4 – Image Enhancement in the Frequency Domain:

Date: 25/07/2014



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ACADEMIC YEAR 2014-2015

Time	Topics
08:30 am To 10:15 am	Introduction to Fourier Transform and the frequency Domain Computing
Tea Break	
10:30 am To 12:30 pm	Visualizing the 2D DFT (MATLAB)
Lunch Break	
01:30 pm To 03:00 pm	Image Compression: Coding Inter pixel and Psycho visual Redundancy
Tea Break	
03:15 pm To 04:15 pm	Image Compression models Compression standards

DAY 5 – Image Segmentation

Date: 26/07/2014

Time	Topics
08:30 am To 10:15 am	Detection of Discontinuities
Tea Break	
10:30 am To 12:30 pm	Edge linking and boundary detection
Lunch Break	
01:30 pm To 03:00 pm	Patterns and Pattern Classes
Tea Break	
03:15 pm To	Decision-Theoretic Methods



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Phone: 080-28 372800/1/2


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ACADEMIC YEAR 2014-2015

04:00 pm	
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The following members were present in the meeting and the syllabus and lesson plan for the faculty development programme has been decided.

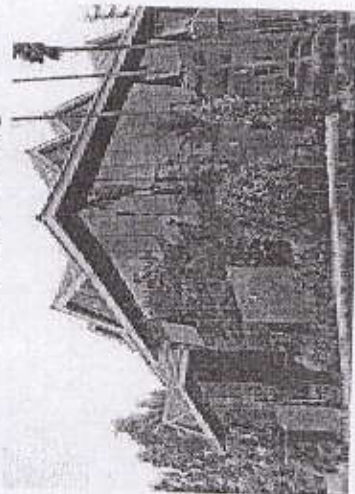
Sl No.	Faculty Name	Designation	Signature
1.	Prof. Agalya P.	Associate Professor	
2.	Prof. Shobha S.	Associate Professor	
3.	Prof. Ravishankara M. N.	Associate Professor	
4.	Prof. Shobha I Hugar	Assistant Professor	
5.	Mr H C Sateesh Kumar	Guest Speaker	


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



**"Image Processing applications
using MATLAB"**
22nd July 2014 to 26th July 2014

**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


Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road.

About the College

Sapthagiri Group of Institutions is the creation of Sri Srinivasa Educational & Charitable trust, Bengaluru. Sapthagiri College of Engineering is the branch 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

- Introduction to MATLAB
- Different Enhancement Technique.
- Restoration & segmentation algorithm.
- Color Image processing and Applications.
- Hands on practice using MATLAB lab.

Resource Persons:

Mr. H C Sateesh Kumar,
Associate Professor,
Department of Electronics & Communication
Engineering
Sai Vidya Institute of Technology, Bengaluru

Prof. Agalya P
Associate Professor
Department of Electronics & Communication
Engineering
Sapthagiri College of Engineering, Bangalore

Prof. Shobha S
Associate Professor
Department of Electronics & Communication
Engineering
Sapthagiri College of Engineering, Bangalore

Address for Registration /Communication

Prof. Karthik N C : 8880666613

Phone: 080-28 372800/1/2

Fax: 080-28 372797

ACADEMIC YEAR 2014-2015

2014-15(ODD)

List of participants and Attendance FDP on "Image Processing and Applications using Mat la
From 22nd July 2014 to 26th July 2014

Sl. No.	Name of the Faculty	22/07/14		23/07/14		24/07/14		25/07/14		26/07/14	
		FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	Shilpa. V	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2	Satish murthy	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3	Geetha. C.R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
4	Prathibha P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
5	Shobha H	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
6	Sandhya Rani. M.H	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
7	Shobha. B.N	BNS	BNS	BNS	BNS	BNS	BNS	BNS	BNS	BNS	BNS
8	Sasmita Mohapatra	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
9	Ravishankar M.N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
10											
11	Suma. V. Shetty	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
12	Vani. V	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13	Vani. A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
14	Karthik. N.C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
15	Visaya Lakshmi. K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
16	Anitha murthy	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
17	Susha. M.S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
18	Sangeetha. K. Sini	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
19	Madhura. S.H	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
20	Darshitha. K.S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
21	Jayaprabha. P.V	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
22											
23											
24											
25											
26											

Principal



SAPTHAGIRI COLLEGE OF ENGINEERING
Department of Electronics and Communication Engineering
#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru- 560 057.

Five days Faculty Development Program Report

On

“Image processing applications using MATLAB”

Date: 22/7/2014 to 26/7/2014

Time: 9 AM to 4PM

Venue: DSP and HDL Lab, Faraday block, SCE

RESOURCE PERSONS PROFILE:

1.Name: Hr. H C Sateesh Kumar
Current Status: Assoc. Professor
Department of ECE
Sai Vidya Institute of Technology, Bengaluru
Qualification B.E., M.Tech

Professional Experience: He has 24 years of Teaching, research and administrative experience. He has over 40 research publications in refereed International Journals and Conference Proceedings. His area of interest is in the field of Signal Processing and Communication Engineering. He is the life member of Institution of Engineers (India), Institution of Electronics and Telecommunication Engineers and Indian society for Technical Education.

2. Name: Prof. Agalya P
Current status: Assoc. professor
Department of ECE,
Sapthagiri college of engineering, Bengaluru
Qualification B. Tech. MTech. (PhD)

Professional Experience: Has 18+ years of Teaching experience in various subjects in the field of Electronics and communication. Currently working as associate professor in the department of Electronics and Communication Engineering, Sapthagiri college of Engineering, Bangalore. Has published various papers in National and International level conferences. Has been resource person for various workshops conducted in Sapthagiri college of Engineering.

3. Name: Prof. Shobha S
Current status: Assoc. professor
Department of ECE,
Sapthagiri college of engineering, Bengaluru
Qualification B. Tech. MTech. (PhD)

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Professional Experience: Has 17+ years of Teaching experience in various subjects in the field of Electronics and communication. Currently working as associate professor in the department of Electronics and Communication Engineering, Sapthagiri college of Engineering, Bangalore. Has published various papers in National level conferences.


Summary Report:

Aiming to provide an additional skill and training on technical aspects related to Image processing Department of Electronics and Communication Engineering conducted FDP on "Image Processing and application using MATLAB" from 22/7/2014 to 26/7/2014 by Prof. Sateesh Kumar an expert on the subject.

On first day session started with basics of MATLAB programming and introduction to image processing. The second day the session started with different enhancement techniques available for images. In the afternoon session hands-on provided in the DSP Lab.

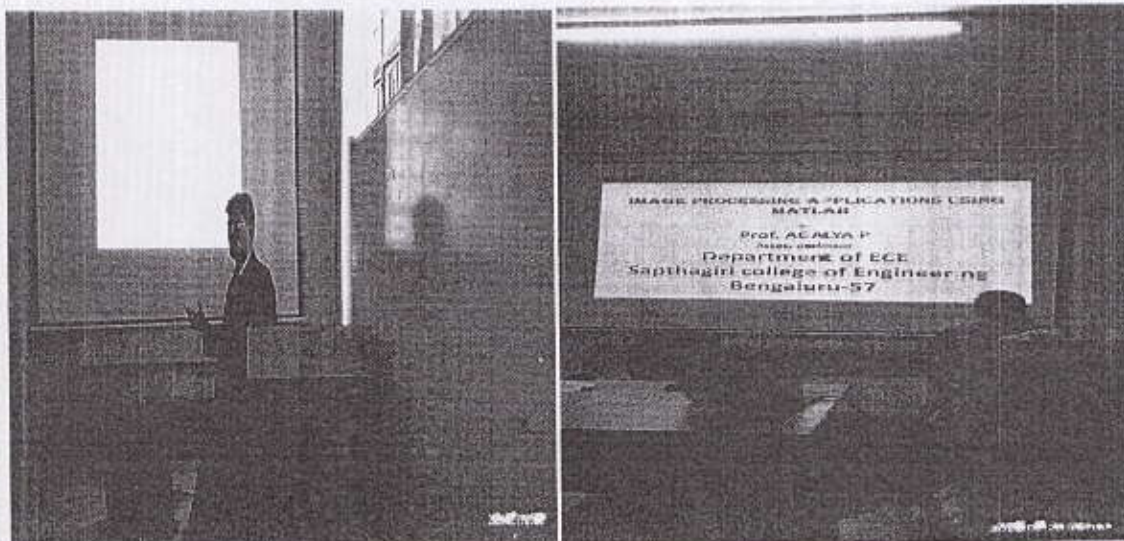
On the third day session started with restoration and segmentation algorithms used in digital image processing. On the fourth day session started with colour image processing and its applications.

On the last day session was concluded with some case studies. The technical session was very helpful in enhancing the technical knowledge amongst the faculty members. Overall the faculties felt that session was informative.



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Photo Gallery



Mr. H C Sateesh Kumar delivering speech to participants


Chairman

Academic committee


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

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

Sapthagiri College of Engineering

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




Certificate

This is to Certify that Mr./Mrs. Karthik .N.C. of has participated and successfully completed Five days Workshop on Image processing and applications using Matlab from 22nd July to 26th July 2014 organized by the Electronics and Communication Engineering Department, Sapthagiri College of Engineering.


HOD

Dept. of ECE


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Fax: 080-28 372797

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Date: 12/06/2014

CIRCULAR

Faculties are hereby informed that department is conducting following FDP:


Subject: "Pollution performance of insulators/ arrestors".

Date: 22nd July 2014 to 26th July 2014.

All are requested to attend the FDP without fail.

HOD

Dept. of EEE


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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 of EEE Department.

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

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

Detailed Syllabus & Schedule:

DAY 1 - Date: 22/07/2014

Time	Topics
09:30 am To 11:00 am	Inauguration, Invocation, welcome speech, Introduction of resource person, presidential address
Tea Break	
11:30 am To 1:30 pm	Introduction to Insulators/ Arrestor.
Lunch Break	
02:30 pm To 04:00 pm	Pollution Testing on Insulators & Arrestors.

DAY 2 - Date: 23/07/2014

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


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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

DAY 3 – Date: 24/07/2014

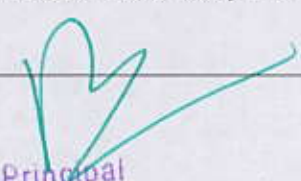
Time	Topics
09:30 am To 11:00 am	Pollution Performance of Polymeric Insulators.
Tea Break	
11:30 am To 1:30 pm	Performance of Fibre Glass rod for Brittle Fracture.
Lunch Break	
02:30 pm To 04:00 pm	Pollution Performance Of Insulator/ Arrestor

DAY 4 – Date: 25/07/2014

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

DAY 5 – Date: 26/07/2014

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


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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 Rukmangada R	Member	

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REGISTRATION FORM
5 Days Faculty Development
Programme
on

“Pollution performance of
insulators/ arrestors”

FROM
22nd July 2014 to 26th July 2014

Name of the Participant:

.....

Gender:

.....

Department:

.....

Name & Address of Institution:

.....

.....

Address for Communication:

.....

.....

.....

Email ID:.....

Mobile:

Chief Patrons

Sri. G. Dayanand,

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

Sri. G.D. Balaji,

Executive Director, Sri. Srinivasa Educational
& Charitable Trust, Sapthagiri Group of Institutions

Sri. G.D. Manoj,

Executive Director, Sri. Srinivasa Educational
& Charitable Trust, Sapthagiri Group of Institutions

Patrons

Dr. Ashwath Kumar,

Principal, SCE, Bengaluru

Program Coordinator

Prof. A Dhamodaran

Assistant Professor., EEE, SCE, Bengaluru

MEMBERS

Prof.Jhansi K.

Assistant Professor, EEE, SCE,Bengaluru

Prof. AShwini C.

Assistant Professor, EEE, SCE,Bengaluru

Prof. Ramya M.

Assistant Professor, EEE, SCE,Bengaluru

Prof. GuruPrasanna.

Senior Grade Lecutrer, EEE, SCE,Bengaluru



5 Days Faculty Development Programme
on

“Pollution performance of
insulators/ arrestors”

FROM
22nd July 2014 to 26th July 2014

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

Signature of
the Applicant

Signature & Seal of
the HOD/ Principal


Principal
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Bengaluru - 560 057

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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

2014-15 (ODD).

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

Sl. No.	Name of the Faculty	22/07/14		23/07/14		24/07/14		25/07/14		26/07/14	
		FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	D.S.K.N. RAVI	X	Kui	Kui	Kui	Kui	Kui	Kui	Kui	Kui	Kui
2	A.M. LEELE	X	Lo	Lo	Lo	Lo	Lo	Lo	Lo	Lo	Lo
3	Ashwini C	X	A	A	A	A	A	A	A	A	A
4	A. Dhamodharan	X	Ph	Ph	Ph	Ph	Ph	Ph	Ph	Ph	Ph
5	Dnya N.S	X	J	J	J	J	J	J	J	J	J
6	R. RUKMANAGADA	X	Ph	Ph	Ph	Ph	Ph	Ph	Ph	Ph	Ph
7	Rajesh S.N	X	R	R	R	R	R	R	R	R	R
8	Gum Prasanna	X	Ph	Ph	Ph	Ph	Ph	Ph	Ph	Ph	Ph
9	Jhanshi K	X	Ju	Ja	Ja	Ja	Ja	Ja	Ja	Ja	Ja
10	RANJAN M.	X	b	b	b	b	b	b	b	b	b
11	YOUSUF NADAR	X	ru	ru	ru	ru	ru	ru	ru	ru	ru
12	Sushma R.		S	S	S	S	S	S	S	S	S
13											

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

AY 2014-15(ODD)

Report on FDP on "Pollution performance of insulators/ arrestors"

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




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Chikkasandra, Hesarahatta Road



Sapthagiri College of Engineering

Bangalore-560057

Certificate

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

Dr. K N Ravi

HOD, Dept. of EEE

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14/07/14

All the faculties are hereby informed to attend the meeting in the HOD's Office at 10.30 AM on 15/07/14 to discuss about the Faculty Development Program on Usage of Network Simulators.



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HOD ISE

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

Minutes of Meeting

A meeting of all the faculties was held on 15-07-2014 at HOD's office, Department of ISE, Sapthagiri College of Engineering Prof Prerana Chaithra., Associate Professor & Head chaired the meeting and greeted all faculty.

In the meeting the schedule and budget of five days FDP on Usage of Network simulators was discussed and approved by the HOD.

Detailed Schedule

DAY 1

22/07/2014

Time	Topics
2:30 pm To 4:00 pm	Introduction to Network simulator.

23/07/2014

DAY 2

Time	Topics
08:30 am To 10:15 am	Network simulator2
Tea Break	
10:30 am To 12:30 pm	Examples Network simulator2
Lunch Braek	
01:30 pm To 03:00 pm	Hands On Network simulator2
03:15 pm To 04:00 pm	Different features of Simulators


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DAY 3

24/07/2014

Time	Topics
08:30 am To 10:15am	Wireless Network simulator
Tea Break	
10:30 am To 12:30pm	Wireless Network simulator Examples
Lunch Break	
01:30 pm To 03:00 pm	Basic Architecture
Tea Break	
03:15 pm To 04:15 pm	TCL and C++

DAY 4


25/07/2014

Time	Topics
08:30am To 10:15 am	Installing ns2
Tea Break	
10:30 am To 12:30pm	Advantages and disadvantages of network simulators
Lunch Break	
01:30 pm To 03:00 pm	Examples
Tea Break	
03:15 pm To 04:15 pm	Examples

26/07/2014

Day 5

Time	Topics
08:30am To 10:15 am	Future of Simulators


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Tea Break	
10 30 am To 12 30pm	Introduction to ns3
Lunch Break	
01 30 pm To 03:00 pm	Examples


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

Department of Information Science and Engineering

CIRCULAR

21/07/14

All the Faculties of Information Science and Engineering Department are hereby informed to attend Five days Faculty Development Program on Usage of Network Simulator from 22/07/14 to 26/07/14.


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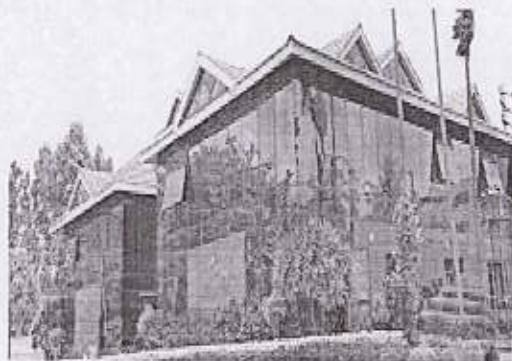

HOD ISE

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



**Five Days FDP
On
“Usage of Network Simulators”
FROM 22th July 2014 to 26th July 2014**

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



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About the College

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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 enhance the skills of faculties in the field of network simulators.
- To understand the behavior of a particular protocol and the mechanisms of various conditions of network.

Resource Person:

Prof. Praveen,
Associate Professor
Sambram Institute Of Technology,
Bangalore

Address for Communication/Registration

Prof. Gayatri R
Assistant Professor, CSE
Ph: 8147290734

Prof. Ramya R.
Assistant Professor
Ph: 8884816537

Email-id for registration:

gayatrikrishna@sapthagiri.edu.in

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FDP on “Usage of Network Simulator” Attendance

Sl No.	Faculty Name	22.7.14		23.7.14		24.7.14		25.7.14		26.7.14	
		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 Jyothi C.S	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti
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 Madhu N	MN	MN	MN	MN	MN	MN	MN	MN	MN	MN
7	Prof Yashaswini D.K	YDK	YDK	YDK	YDK	YDK	YDK	YDK	YDK	YDK	YDK
8	Prof Ramya R	R	R	R	R	R	R	R	R	R	R
9	Prof Anitha K	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK
10	Prof Gayatri Rayar	Gayatri	Gayatri	Gayatri	Gayatri	Gayatri	Gayatri	Gayatri	Gayatri	Gayatri	Gayatri
11	Prof Mamatha S.K	Mam	Mam	Mam	Mam	Mam	Mam	Mam	Mam	Mam	Mam
12	Prof Divyashree G	D	D	D	D	D	D	D	D	D	D
13	Prof Gayatri R	GR	GR	GR	GR	GR	GR	GR	GR	GR	GR
14	Prof Ramya B.N	Ran	Ran	Ran	Ran	Ran	Ran	Ran	Ran	Ran	Ran



Principal

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



Coordinator

Report on Usage of Network Simulator

No of Participants =13

Aiming to provide an Faculty Development Program on Network Simulators for the faculties of Department of Information Science Engineering, Sapthagiri College of Engineering held during 22/07/14 to 26/07/14. The resource person for the particular FDP program was Prof Praveen Associate Professor, Department of CSE, Sambram Institute Of Technology. Overall the faculties felt that the session was informative & gained knowledge about various simulators and its applications. Faculties were able to identify the behavior of the network in the simulation environment. Speaker clearly explained the different simulators working and their usage.



FDP On Network Simulator by Prof Praveen

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

Coordinator
Coordinator



Sapthagiri College of Engineering

Bangalore-560057

Certificate

This is to Certify that Mr./Ms. ANITHA K
of Information Science and Engineering has participated
and successfully completed Five days Faculty Development Program on
"Usage of Network Simulator" from 22nd July, 2014 to 26th July,
2014 organized by the Department of Information Science &
Engineering, Sapthagiri College of Engineering.

HOD,  Dept of IST


Principal

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: 03/04/17

CIRCULAR

Mechanical Engineering faculty are hereby informing that there will be a faculty development program entitled "**Composite Materials and its Applications**" for three days on 22nd July 2014 to 26th July 2014.

The interested candidates enroll your names with **Mr. Ramesh N. G.**

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

Date: 12/07/2014

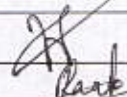
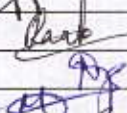


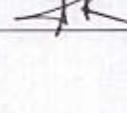
Minutes of Meeting

A meeting was conducted on 12th July 2014 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 22nd July 2014 to 26th July 2014.
- Programme Convener- Mr. Ramesh N G
- Certificate program entitled as **Composite Materials and its Applications.**
- 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.
22/07/2014	Registration & Inauguration function	Introduction to Composite Materials
23/07/2014	Need and General Characteristics, Various types and its applications	Fibers, Matrices, Polymers, Ceramics, Metal Matrices
24/07/2014	Manufacturing Processes of Composites	Flat Plate Laminate constitute Equations,
25/07/2014	Lamina Strength Analysis	Thermal Analysis, Analysis of Laminated Flat Plates
26/07/2014	Buckling analysis of composites	Valedictory Function

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


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Chikkasandra, Hesaraghatta Road,
Bangalore- 560 057


H.O.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, 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. Puttamadappa C

Principal, SCE, Bengaluru

Convener

Dr. S H Manjunath

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

Coordinator

Mr. Ramesh N G

Asst. Professor, SCE, Bengaluru

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

Faculty Development Programme On Composite Materials and its Applications

On
22nd -26th July 2014
Organized by

Sapthagiri College of Engineering

Department of Mechanical Engineering

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

Phone: 080-28372800/01/02/03



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

Introduction to Composite Materials, Need and General Characteristics, Various types and its applications, Fibers, Matrices, Polymers, Ceramics, Metal Matrices, Manufacturing Processes, Flat Plate Laminate constitutive Equations, Lamina Strength Analysis, Thermal Analysis, Analysis of Laminated Flat Plates and Buckling analysis, Free Vibrations.

Resource Persons

Prof. P Mahadevaswamy

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

Prof. R G Deshpande

Assistant Professor
Department of Mechanical Engineering
B M S Institute of Technology Bangalore

DEPARTMENT OF MECHANICAL ENGINEERING SAPTHAGIRI COLLEGE OF ENGINEERING

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FDP ON Composite Materials and its Applications Attendance

Sl. No.	Name	22-07-2014		23-07-2014		24-07-2014		25-07-2014		26-07-2014	
		MS	AS	MS	AS	MS	AS	MS	AS	MS	AS
1	Gr.R. Jagannath	1	2	3	4	5	6	7	8	9	10
2	AM Mahesh	1	2	3	4	5	5	6	7	8	9
3	Madhu Kumar	1	2	3	4	5	6	7	8	9	10
4	Padmanabha. G	1	2	3	4	5	6	7	8	9	10
5	Rajalakshmi. S	1	2	3	4	5	6	7	8	9	10
6	Ram Kumar. M	1	2	3	3	4	5	6	7	8	9
7	Ramesh. N. G	1	2	3	4	5	6	7	8	9	10
8	Asunkumar. R	1	2	3	4	5	6	7	8	9	10
9	P.R. Rao	1	2	3	4	5	6	7	8	9	10
10	Pranod. S-V	1	2	3	4	5	6	7	8	9	10
11	Ullas. C.S	1	1	2	3	4	5	6	7	8	9
12	Rajalakshmi	1	2	3	4	5	6	7	8	9	10
13	Prathma. C.D	1	2	3	4	5	6	7	8	9	10
14	Tilak. S	1	2	3	4	5	6	7	8	9	10
15	T. Venkatesh Gowda	1	2	3	4	5	6	7	7	8	9
16	Anil Kumar PR	1	2	3	4	5	6	7	8	9	10
17	Mahadev Prasad	1	2	3	4	5	6	7	8	9	10
18	Sanjay HM	1	2	3	4	5	6	7	8	9	10
19											
20											

Principal

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

Signature of Convener

REPORT

FDP on Composite Materials and its Applications

Department of mechanical Engineering organized FDP on Composite Materials and its Applications.

Speakers

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

Prof. R G Deshapande, Associate Professor, Department of Mechanical Engineering,, B M S Institute of Technology Bangalore.

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

Duration of the course: July 22nd 2014 to July 26th 2014

Date	Morning Session 9.30 a.m. to 12.30 p.m.	Afternoon Session 2.00 p.m. to 5.00 p.m.
22/07/2014	Registration & Inauguration function	Introduction to Composite Materials
23/07/2014	Need and General Characteristics, Various types and its applications	Fibers, Matrices, Polymers, Ceramics, Metal Matrices
24/07/2014	Manufacturing Processes of Composites	Flat Plate Laminate constitute Equations,
25/07/2014	Lamina Strength Analysis	Thermal Analysis. Analysis of Laminated Flat Plates
26/07/2014	Buckling analysis of composites	Valedictory Function



The FDP was aimed to provide an intense discussion on Composite Materials and its Applications. The faculty members felt that the session was informative & gained knowledge about Composite Materials processing and its applications.


Principal

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Signature of the Convener

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Certificate

This is to Certify that Mr./Mrs. P. RAGHOTAM RAO of has participated and successfully completed Five days FDP on "Polymer Composite Materials and its Applications" from 22nd July to 26th July 2014 organized by the Mechanical Engineering Department, Sapthagiri College of Engineering.


HOD

Dept. of ME


Principal
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Bangalore- 560 057


Principal



SAPTHAGIRI COLLEGE OF ENGINEERING

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

Phone: 080-23 372800/1/2

Fax: 080-28 372797

Date: 24/11/2014

CIRCULAR

Office staff are hereby informed about Chemistry department is conducting Staff development program on Computer based and E-learning training for one day on 01/12/2014. All office staff participate in staff development program.

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

Dept. of Chemistry
Dr. B.S. Krishna
Professor & HOD
Department of Chemistry
Sapthagiri College of Engineering
Bangalore - 560 057



SAPTHAGIRI COLLEGE OF ENGINEERING

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

Phone: 080-28 372800/1/2

Fax: 080-28 372797

Training on Computer based E-Learning Program Schedule

Speaker: Prof. Kamalakshi Naganna

Department of Computer Science

Sapthagiri College of Engineering, Bangalore-560057

Date: 01/12/2014

Time	Topics
10:30 am To 12:30 pm	Introduction to computers and basics of computer like Microsoft word, Microsoft office Excel, Power point, and E-learning like Scenarios, Templates
Lunch Break	
01:30 pm To 04:15 pm	E-learning like Scenarios, Templates etc.

Dr. B.S. KRISHNA
Professor & Head
Department of Chemistry
Sapthagiri 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, Hesaraghatta Main Road Bengaluru-560057



"Training on Computer Based E-Learning"

By

Prof. Kamalakshi Naganna

Department of Computer Science, SCE

Date: 1/12/2014

Venue: ECE Seminar Hall & CSE Lab

Organized by:

SAPTHAGIRI COLLEGE OF ENGINEERING

Principal

Sapthagiri College of Engineering

Chikkasandra, Hesaraghatta Road

Bangalore-560 057



Sri Srinikasa Educational & Charitable Trust
SAPTHAGIRI COLLEGE OF ENGINEERING

(Affiliated to VTU, Belagavi, and Recognized by AICTE, New Delhi)

Chikkasandra, Hesaraghatta Road, Bangalore-560057

Computer based and E-learning training

Attendance sheet

Sl. No.	Name of office staff	Date:01.12.2014
1	Mahalakshmi R	<i>M. R.</i>
2	Padmashree G	<i>Padmashree G.</i>
3	NayanaRangaraj	<i>Nayana Rangaraj</i>
4	Ramesh M	<i>Ramesh M.</i>
5	Hanume Gowda K H	<i>H. Gowda</i>
6	Rajanna N	<i>Rajanna N.</i>
7	Jayashree B L	<i>J. B. L.</i>
8	Sayesuthe A M	<i>A. M. Sayesuthe</i>
9	Jyothirmayee P H	<i>P. H. Jyothirmayee</i>
10	Nagarathna M V	<i>N. M. V.</i>
11	Surna B	<i>S. B.</i>

Principal

Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road
Bangalore-560057

Report of computer based and E-learning training

Introduction

This computer based and E-learning training is an umbrella term for learning enhanced by the use of computers. 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 work and establish an acceptable conclusion. The computer based and E-learning training gave this opportunity to the office staff to enhance their knowledge in digital world. The computer based and E-learning training programme summarized the aspects relating to the traditional office learning methods. This computer based and E-learning training intended to orient participants towards developing their own ideas with due attention to every stage of computer use.

Objectives

The major objectives kept in mind while framing this computer based and E-learning training were as follows:

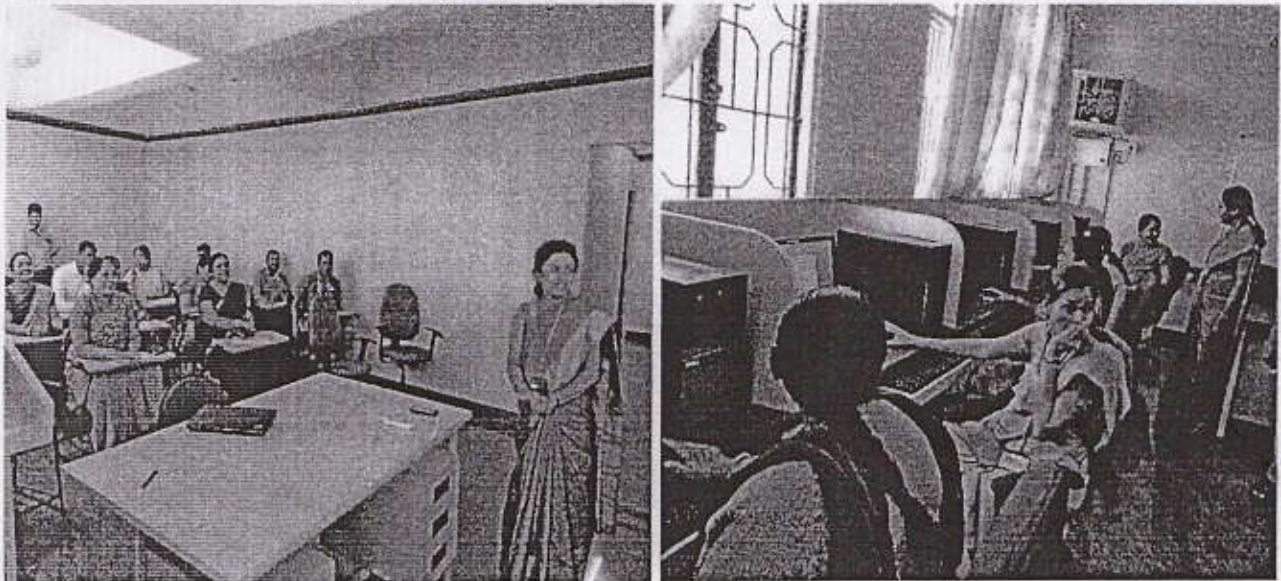
- The learner can think, respond and give feedback on the subject.
- It offers a stimulating environment where the learner can learn at his own idea.
- Through computer based and E-learning training, office staff can keep abreast with ever changing technology.
- Requires minimal technical support.
- Billing options comprise user ID, number of accesses, and date/time of access.
- Training to users is very easily delivered.

The programme was attended by 11 participants on 01/12/2014 from Sapthagiri College of Engineering. 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 computer based and E-learning training as a whole not pertaining to one single field so that maximum can be benefitted out of it.

Summary

The speaker explained what Computer based and E-learning training was all about. She connected things starting from the rig manual entry to the modern digital entries. She described how the process of Computer based and E-learning training takes place when it comes to information entry. The second issue which they emphasized on was the collection of data. According to Prof. 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.

She emphasized on the framing of the Computer based and E-learning training and held it to be the fundamental and initial step to do work using computer. One should focus on the suitability of the Computer based and E-learning training and its applicability to which type of work. She was made the sessions interactive and based on various examples for better understanding of the E-learning. 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 professor.

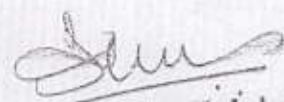



Speaker: Prof. KAMALAKSHI NAGANNA, HOD of CSE

Topic: Computer based and E-learning training

Morning session: Presentation

Afternoon session: Hands on Training


Dr. B.S. Krishna
Professor & HOD
Department of Chemistry
Sapthagiri College of Engineering
Bangalore - 560 057


Principal
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Bengaluru - 560 057


Principal
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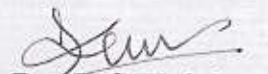


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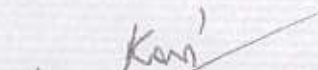
Certificate

This is to certify that Mr. /Ms. Mahalakshmi R.
of Sapthagiri College of Engineering has participated and successfully
completed one day Staff Development Program on "Computer based and E-learning
training" organized by the Department of Basic Science, Sapthagiri College of
Engineering held on 01/12/2014 (Monday)


Dr. B S Krishna

HOD, Dept. of Chemistry


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


Principal