

	SAPTHAGIRI COLLEGE OF ENGINEERING
	#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru– 560 057.

3.2.2 Additional Documents for the year 2016-17

Sl. No.	Year	Name of the workshop/ seminar	Department	Date From – To	Page no
1.	2016-17	2 days workshop on Sensor Design and Implementation	ECE	10.09.2016 & 11.09.2016	2-5
2.	2016-17	3 days workshop on ARM7	ECE	17.09.2016 to 19.09.2016	6-10
3.	2016-17	Career Guidance for higher studies abroad and India	ECE	19.04.2017	11-12
4.	2016-17	Career Guidance	ECE	15.05.2017	13-14
5.	2016-17	Career Guidance	ISE	18-5-2017	15-17

AGENDA

INAUGURATION - 9.00 AM to 9.30AM

- INVOCATION
- WELCOME ADDRESS
- LIGHTING THE LAMP
- ADDRESS BY PRINCIPAL
- INTRODUCTION OF THE GUEST
- VOTE OF THANKS

TEA BREK- 9.30 AM to 9.45 AM

Followed by Lecture Series

Date: 10-09-2016 to 11-09-2016

Venue: Seminar Hall, Faraday block

SAPTHAGIRI COLLEGE OF ENGINEERING,

DEPARTMENT OF

ELECTRONICS AND COMMUNICATION ENGINEERING

BENGALURU-560057

Cordially invites you for

***2 days workshop on
Sensor Design and Implementation***

**Mr. Praveen Tripathi,
Edulife India .Pvt. Ltd. Bengaluru**

PRESIDED BY:

**Sri. Dayanand
Chairman**

**Sri. Manoj
Executive Directors**

GRACED BY :

Dr. Aswatha kumar, Principal, SCE.

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

WORKSHOP REPORT ON

“SENSOR DESIGN AND IMPLEMENTATION”

Date: 10.09.2016 AND 11.09.2016

Objective of the workshop:

The objective of this workshop is to provide an opportunity for students to get aware of ARDUINO thereby developing a stepping stone towards the development of an Embedded System.

Venue: DSP and HDL Lab, Faraday block, SCE

Coordinated by: Prof.Vani V and Prof.Vani A

In Association with: M/S EDULIFE INDIA,Bengaluru.

Number of Participants: 56

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



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


Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Mesur, Bengaluru - 560090

Summary Report:

First session was started on 10.09.2016 at 10:30AM by an Introduction to ARDUINO by expert Mr.Praveen Tripath, Director and Mr.Vamshi Krishna, Design Engineer from M/S EDULIFE INDIA. By this session students had indepth knowledge of ARDUINO and hence were able to technically know how of working with ARDUINO and its application in various domain of present technological era.



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

After lunch second session at 1.30 PM comprising of various laboratory hands on using ARDUINO was conducted by Mr.Praveen Tripath and Mr.Vamshi Krishna. The introduction to the various sensors and actuators and their application was described. The details of the Arduino board were discussed. The students were introduced to soldering the circuit on boards. The laboratory sessions included working with various peripherals including Serial Port, Light Dependent resistance, IR Sensors and many more.



Mr. Vamshi Krishna from M/s Edulife India delivering speech to students.


The Third session started on 11.09.2016 Sunday at 9AM. The day started with Arduino programming. The participant team used their entire day gained knowledge to do an assigned task in stipulated time. The students were involved in Interfacing the sensors with Arduino board- testing and debugging. The executed few Light sensors on the board. The Design and development of IR sensor

circuit and its practical applications were implemented. The introduction to the Hierarchy of Robotics was explained in the session.

The Fourth session after lunch, Intro to gyro, temperature, humidity, pressure, LPG, motors, Bluetooth, RF Telemetry and ultrasonic sensors was delivered to the students. Design and development of a simple LPG sensor circuit was executed. Finally session ended with building of a working project. The response of the participants was tremendous and their enthusiasm last till last session.



Students and faculties participating in the workshop.


Prof. Vani V & Prof. Vani A

FDP/Workshop/Seminar Coordinators

Prof. Sandhya Rani M H

(HOD ECE)

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


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

AGENDA

INAUGURATION - 9.00 AM to 9.30AM

- INVOCATION
- WELCOME ADDRESS
- LIGHTING THE LAMP
- ADDRESS BY PRINCIPAL
- INTRODUCTION OF THE GUEST
- VOTE OF THANKS

TEA BREK- 9.30 AM to 9.45 AM

Followed by Lecture Series

Date: 17-09-2016 to 19-09-2016

Venue: Seminar Hall, Faraday block

**SAPTHAGIRI COLLEGE OF ENGINEERING,
DEPARTMENT OF
ELECTRONICS AND COMMUNICATION ENGINEERING
BENGALURU-560057**

Cordially invites you for

3 days workshop on ARM7

**Mr.Kumaraswamy, Mr.Vishwanath,
V&V Technologies**

PRESIDED BY:

**Sri. Dayanand
Chairman**

**Sri. Manoj
Executive Directors**

GRACED BY :

Dr. Aswatha kumar, Principal, SCE.


Principal
Sapthagiri College of Engineering
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SAPTHAGIRI COLLEGE OF ENGINEERING, Bengaluru
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
Affiliated to Visvesvaraya Technological University, Belagavi

To,

Mr.Kumaraswamy,Mr.Vishwanath,

V&V Technologies

Dear Sir/Madam,

Sub:Workshop at Sapthagiri College of Engineering

The Department of Electronics and Communication Engineering is arranging workshop. We request you to kindly arrange for the lecture. The subject will be of interest to the students of Electronics and Communication Engineering. 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.

Topic: 3 days workshop on ARM7

Date: 17.09.2016 to 19.09.2016


Time: 09.00AM to 5.30PM

Venue: HDL Lab, Faraday Block

Thanking you

The HOD

Department of Electronics and Communication Engineering
Sapthagiri College of Engineering
Bengaluru


Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hasarachudra, Bengaluru - 560 081

WORKSHOP REPORT ON

“ARM 7”

Date: 17.09.2016 to 19.09.2016

Objective of the workshop:

The objective of this workshop is to provide an opportunity for students to get aware of ARM7 thereby developing a stepping stone towards the development of an Embedded System.

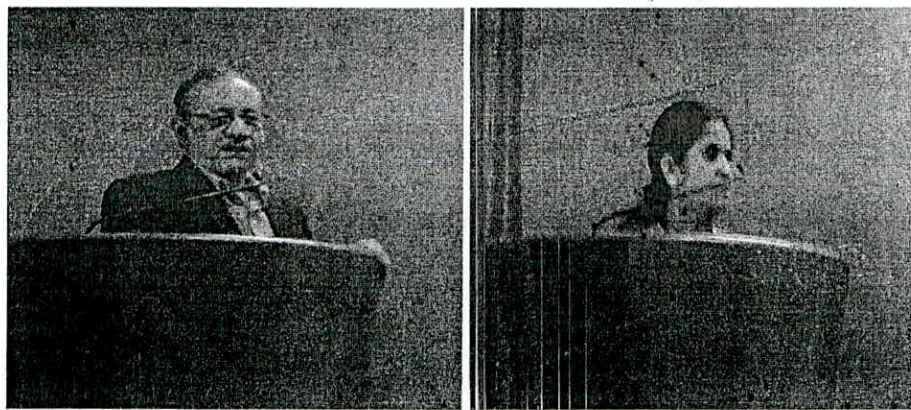
Venue: DSP and HDL Lab, Faraday block, SCE

Coordinated by: Prof. Vani V and Prof. Vani A

In Association with: M/S V&V Technologies, Bengaluru.

Number of Participants: 58

Inauguration and Lamp Lightening by Principal Dr. Aswatha Kumar, HOD Prof. Sandhya Rani MH, Mr. Kumaraswamy and Mr. VISHWANATH from M/s V&V Technologies, Bangalore.

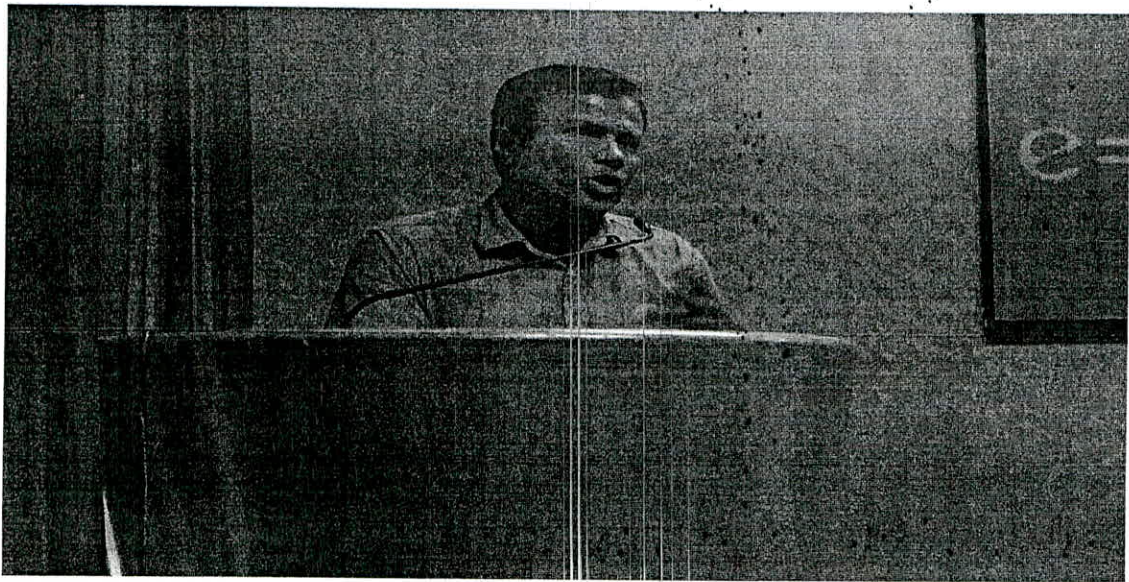


Principal Dr. Aswath Kumar M and Prof. Sandhya Rani MH, HOD ECE, SCE addressing the participants.


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14/5, Chikkasandra, Hesarghatta Main Road
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Summary Report:

The workshop is aimed at helping the students of final year in improving their technical skills in embedded domain as education is incomplete without IT today. This workshop will cover the aspects of embedded system design, applications, and current scenario in the industry. The main theme of this workshop is the hands on training on ARM 7 processor. Its architecture, instruction set and programmer's model will be demonstrated with the popular C language in windows platform. The course was practical oriented. In this workshop participants worked directly on the ARM7 platform and developed programs for various interfaces and run them on the ARM 7 hardware.



Mr. Kumaraswamy K from M/s V&V Technologies, Bangalore delivering speech to students.

On the first day students were exposed to understand the basic concepts of ARM7 processor and its trends, Introduction to ARM Processor. The theory session extended with introduction to LPC2148 series, System connection block, Memory Mapping, Vectored Interrupt Controller, Pin Configuration by Mr. Kumaraswamy K from M/s V&V Technologies, Bangalore. Afterwards in the laboratory session, expert started with the basic examples students understood how to work on Keil version 4 tool.

On the second day students were exposed to more examples including Kiel Programming on LPC2148 Controller, Port Programming, LED & LCD Programming (4 Bit & 8 Bit), Motor interfacing, Key Pad, ADC, ADC with LCD, UART0, UART1 interfacing.

On the last day Expert gave brief about Different way of programming using ADC, UART 0/1 & LCD , RFID, Zigbee interfacing, GSM interfacing and Mini Project. They also briefed how to do debugging and demonstrated the same.

This workshop proved to be an important one for students and faculty members who attended the same. The entire workshop was co-ordinated by Prof.Vani A & Vani.V and student Coordinators.

Principal

Sapthagiri College of Engineering

14/5, Chikkasandra

Bangalore - 560 075



Students and faculties participating in the ARM 7 workshop.

Prof. Vani V & Prof. Vani A

FDP/Workshop/Seminar Coordinators

Prof. Sandhya Rani M H 20/09/2016

(HOD ECE)

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

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Principal
Sapthagiri College of Engineering
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Bengaluru - 560 057

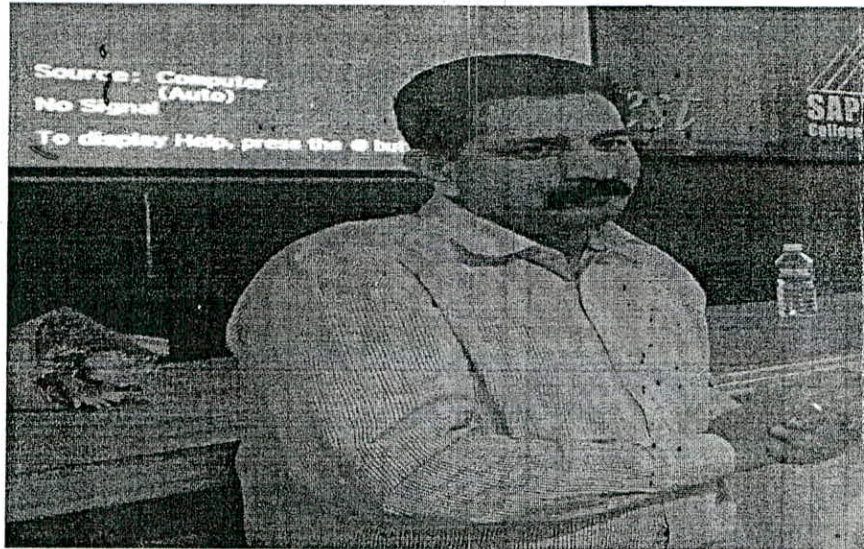
Guest Lecture Report

Topic: "Career Guidance for Higher Studies Abroad and India"

By

Mr. Philip Thomas,

Study Abroad Product Head – GRE & GMAT
T.I.M.E.
Bangalore



Date: 19.04.2017

Time: 11.30 to 12.30

Venue: Seminar Hall, SCE Bangalore.

Speaker Profile:

Mr Philip Thomas: M.A (English). A post- graduate in English Language and Literature , he started his teaching career in 1985 . He has taught in different colleges and institutions associated with Kerala University and M.G. University following which he joined TIME , Bengaluru in 2003. Currently, he is Head for – Study Abroad product- GRE & GMAT, TIME Bengaluru. He has a teaching experience of over 31 years.

Lecture details:

Most of the students are in a state of confusion to choose their career ahead after engineering. The choice are many, advises galore all adding up to the grand confusion. For this reason Dept of ECE set up guest lecture on the Career Guidance for higher education.

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Sapthagiri College of Engineering
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The programme started with the welcome note and introduced the guests. The speaker has taken a novel initiative of providing structured career guidance for the engineering students with an objective of creating awareness among them on various career choices of available after engineering. Career Guidance was a comprehensive, developmental program designed to our students in making and implementing informed higher educational opportunities and occupational choices.

Career guidance and counselling program develops an individual's competencies in self-knowledge, educational and occupational exploration, and the right career planning. Every higher education intended student requires an informative and dynamic seminar that will prepare them for those life-changing career decisions that they face. This career guidance program has put them in touch with today's changing global marketplace trends and tomorrow's career opportunities. The session came to an end with the vote of thanks by Prof. Vani A and The HOD Prof. Sandhya Rani MH presented memento to the guests.



Students and faculties attending sessions of Mr. Philip Thomas

Guest Lecture/FDP/Workshop Co ordinator

Prof. Vani V & Prof. Vani A

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HOD ECE

Prof. Sandhya Rani MH

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

Guest Lecture Report

Topic: "Career Guidance"

By

Mr. P N Santosh & Mr. Amith Ravindran,

Byjus.
Bangalore



Date: 15.05.2017

Time: 12.00pm to 1.00pm

Venue: 6th sem class room, SCE Bangalore.

Speaker Profile:

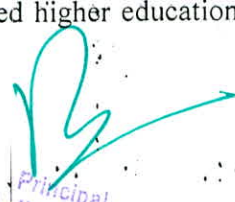
P N Santosh: An MBA from ISB, Hyderabad and an Electrical Engineer (Gold Medalist from CEG-Anna University, Chennai). Presently working for Byju's Bangalore.

Mr. Amith Ravindran, Product Manager at Byju's Bangalore.

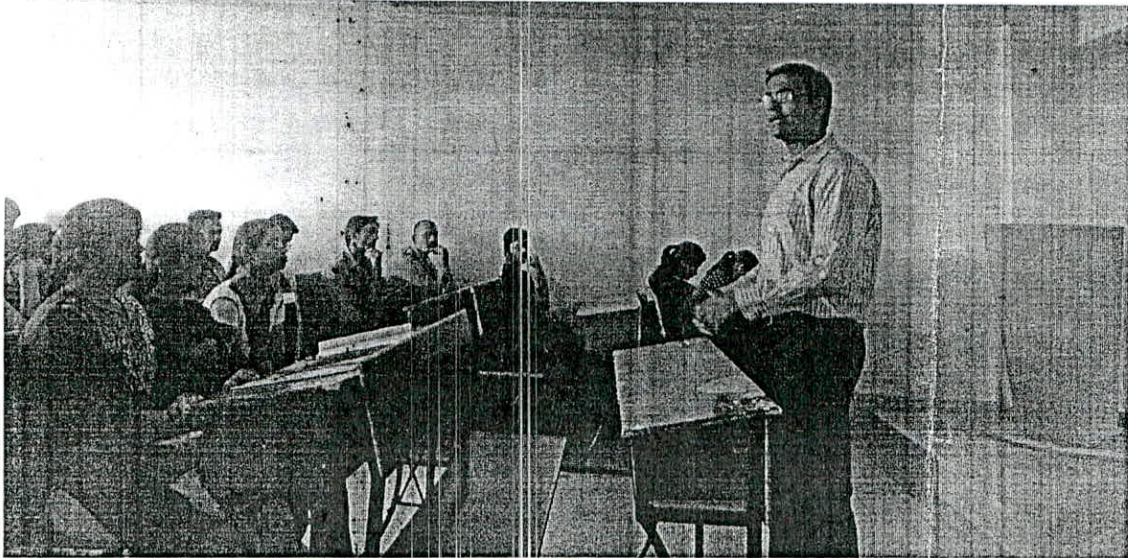
Lecture details:

Most of the students are in a state of confusion to choose their career ahead after engineering. The choice are many, advises galore all adding up to the grand confusion. For this reason Dept of ECE set up guest lecture on the Career Guidance for our pre final year students.

The programme started with the welcome note and introduced the guests. The speaker has taken a novel initiative of providing structured career guidance for the engineering students with an objective of creating awareness among them on various career choices of available after engineering. Career Guidance was a comprehensive, developmental program designed to our students in making and implementing informed higher educational opportunities and occupational choices.


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Bangalore - 560 057

Career guidance and counselling program develops an individual's competencies in self-knowledge, educational and occupational exploration, and the right career planning. Every higher education intended student requires an informative and dynamic seminar that will prepare them for those life-changing career decisions that they face. This career guidance program has put them in touch with today's changing global marketplace trends and tomorrow's career opportunities. The session came to an end with the vote of thanks by Prof. Vani A.



Students and faculties attending sessions of Mr. P N Santosh

Guest Lecture FDP/Workshop Co ordinator

Prof. Vani V & Prof. Vani A

HOD ECE

Prof. Sandhya Rani MH

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

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**SAPTHAGIRI COLLEGE OF ENGINEERING,
BANGALORE-560057**

INVITATION

**INFORMATION SCIENCE AND ENGINEERING
DEPARTMENT**

AGENDA

**INAUGURATION : 18-5-2017
9.30 AM to 10.30AM**

- INVOCATION
- WELCOME ADDRESS
- LIGHTING THE LAMP
- ADDRESS BY PRINCIPAL
- INTRODUCTION OF THE GUEST
- VOTE OF THANKS

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

**SAPTHAGIRI COLLEGE OF ENGINEERING,
BANGALORE-560057**

Cordially invites you for the inauguration of

Guest Lecture

On

“Career Guidance”

By

Mr.Amruth,

BYJU’s Academy

will be the Chief Guest

PRESIDED BY:

**Sri. G Dayananda
Chairman**

**Sri. G D Manoj
Executive Director**

GRACED BY :

Dr. Aswatha Kumar M, Principal, SCE.

To,

Mr. Amruth,

BYJU's academy,

Bangalore

Dear Sir,

Sub: Guest Lecture at Sapthagiri College of Engineering

As per the above subject, we request you to kindly arrange for the lecture on "Career Guidance". This subject will be of interest to the students of Information Science and Engineering. As per your request, transport will be arranged for pick-up and drop of the guest lecture. The date & time for the above lecture is 18-5-2017 at 10.00 AM.

Thanking you

Principal



Principal
Sapthagiri College of Engineering
1475, Chikkasandra, Hosur
600042

Guest Lecture Report

Career Guidance Talk by BYJU's academy Expert- 18-5-2017

Mr. Amruth from BYJU's academy had an interactive session with students of 6th semester, Dept of ISE on 18-5-2017 to disseminate information on importance of higher studies and clearly explained the pros and cons of taking up GATE, GRE, CAT and GMAT exams. He made students to understand that mere job is not the need of the hour but building a career for them is very much essential in today's competitive world. After the session students were given mock test on Verbal ability and he also gave them tips-tricks used in answering Reading Comprehension questions that normally appear in GRE kind of examinations.



HOD - ISE

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



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