

SAPTHAGIRI COLLEGE OF ENGINEERING

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi.) #14/5, Chikkasandra, Hesaraghatta Main Road, Bengalura - 560 057. Web: www.sapthagiri.edu.in, Email: principal@sap-hagi-i.edu.in Fax: 080-28 372797 Phone:080-28 372800/1/2

3.2.2. Number of workshop/Seminars conducted on Research Methodology, Intellectual Property Rights and Entrepreneurship.

Academic Year 2016-2017

Sl. No.	Name of the workshop/ seminar	Туре	Number of Participants	Date From – To	Page no
1	Thrust area for Research in Power sector- Scope and	RM	23	20.05.2017	2-10
2	Challenges Career Guicance	ENP	30	18-5-2017	11-14
2	IPR Awareness Program	IPR	74	19.01.2017	15-28
4	3 days workshop on ARM7	ENP	58	17.09.2016 to 19.09.2016	29-36
5	Importance of patents for engineering faculty	IPR	35	13.09.2016	37-43
6	2 days workshop on Sensor Design and Implementation	RM	56	0.09.2016 & #1.09.2016	44-51
7	Innovative Business and Breakthrough technologies	ENP	63	98.08.2016	52-58

Note: RM-Research Methodology/Events Related to Research Methodology

IPR-Intellectual Property Rights

ENP-Entrepreneurship/ Events related to Entrepreneurship

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



SAPTHAGIRI COLLEGE OF ENGINEERING, BENGALURU - 560 057.

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LINVITATION

Department of Electrical and Electronics Engineering

Cordially invite you for

STUDENTS' CHAPTER, INSTITUTION OF ENGINEERS INDIA)

Sponsored

One day workshop on

"THRUST AREAS FOR RESEARCH IN POWER SECTOR - SCOPE AND

by

CHALLENGES"

Dr. N. Vasudev,

Additional Director, CPRI, Bengaluru.

Venue: Seminar Hall. Faraday Block

Date: 20/05/2017

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NOTIBILION

Department of Electrical and Electronics Engineering

Cordially invite you for

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Dr. N. Vasudev,

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Saptnagiri College of Engineering
14/5, Chikkesendra, Hesarsghatta Main Road
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Bengeturu - 560 057

Principal
Septhagini College of Engineering
Septhagini College of Engineering
Chitesasandra, Hesaraghatta Road,
Bangalore-580 057

Saptrojini College of Engineering, Buyolise Department of Electrical of Electronics Engineer Sub. Oneday work shop or "French in High volly Evginericy" It is hereby eignested that, permission may be occurred for conceying out oneday workthy on " Trands in High voltage Engineering! Dr. N. Vousender, Adolitical poisson, CPR) will be the speaker for the workshop. Approximate expenditure: (for about 150 stindents) 3000 + 1) Honovarion : 4500} High teachours: Stage dicerations the state : 1,000} 1500} Bonne for the 1000} Hisellawan 11,000} Total An amount of Rs 10,000 & has been received for the conduction of orlong workship. This is part up for approved under the borner of Institute of Engineers - Indian PRINCIPACIO 1 Koni HOD)EEE Sapthagiri College of Engineering 14/5, Chikkasandra, Hessiaghana Main Road Bengaluru - 560 057

Sapthagers Course of Engenerry, vagame Definitioned of Electrical & Electronic Engineering The Principal Superhayini Cally of Engineering B myolne - 560058 Regueted Sir, Sert: Avoiding Seminor hall or 20-5-2017. I bring to your kind notice that areday workship has been arranged on 20-5-2017 from 10-30 x m on words. Dr. N. Vaguder, Additional Director, CPK) will he the chief gowyt. Threfire, I request you to kindly permit us to use the facility of Seminar hall from 10.30 AM to 2.00 pm. plear obliges Thembing you, Yours fait fully, WAR. DV. K. N. RAY) HND) EEE 18/5/1

Sapthagiri College of Engineering
14/5, Chikkesandra, Hesarragha ta Main Nord
Bengaluru - 560 057

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College of Engineering

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Voucher No.

14/5, Chikkasandra, Hesaraghatta Main Road,

Bangalore -560 057 Ph: 080- 28372801 to 803.

www.sapthagiri.org email: admin@sapthagiri.org

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This receipt is valid subject to realisation of cheques. the sum of rupees Rs. 3000 Received with thanks from _ + oncorrow for one duy master. Dr. N. Varuder throughout _dated _ 18-5-17

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

Report on the Technical talk

Topic: "Thrust Areas for Research in Power sector - Scope and Challenges"

By

Dr. N Vasudev Additional Director CPRI Bengaluru.

Date: 20.05.2017

Time: 10.30 AM to 1 PM

Venue: Seminar Hall, SCE Bengaluru.

The session started with the welcome note by Dr. KN Ravi, HOD EEE followed by lighting the lamp by dignitaries Dr Srinivasan, Director with Dr. Aswatha Kumar M, Pricipal and the speaker **Dr. N Vasudev**, Additional Director, CPRI, Bengaluru.

The speaker Dr. N Vasudev is one of the renowned researcher in Electrical Engineering and has vast research experience in the same. Speaker started the session by explaining Research not only generates useful insight and confidence but also acts as a stimulant for academic growth. Sound conceptual understanding of various research methods, research instruments, tools and techniques is an essential prerequisite for conducting empirical research. For undergoing high quality research and writing good research papers, one requires to collect, interpret and logically document the information.

The art of drawing coherent conclusions, supported by appropriate research tools and reference citation is vital for quality research work. The recent innovations in statistical applications, availability of statistical software applications allow scholars/researchers to test more complex, multilevel and dynamic models. The Research ethics and Plagarism knowledge is essential for the researcher.

Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road

Photo Gallery





Dr. KN Ravi

HOD EEE

Dr. Aswatha Kumar Principal

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

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1415, Chikkesandra, Hesaraghalta Main Road
Bengaluru - 560 057



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Phone: 080-28 372800/1/2 -228 Fax: 080-28 372797
Attendance Report of "Thrust area for Research in Power sector

- Scope and Challenges"

Date: 20.05.2017

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SAPTHAGIRI COLLEGE OF ENGINEERING, BANGALORE-560057

INVITATION

INFORMATION SCIENCE AND ENGINEERING DEPARTMENT

AGENDA

a a a a a a a a a a

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

o INVOCATION

1

- WELCOME ADDRESS
- LIGHTING THE LAMP
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- INTRODUCTION OF THE GUEST
- o VOTE OF THANKS

Sapthagiri Couche of Engineering 14/5, Chikhasandra, Heberaphata Main Road Bengaluru - 560 057 SAPTHAGIRI COLLEGE OF ENGINEERING, BANGALORE-560057 Cordially invites you for the inauguration of

Guest Lecture

O

"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 Egineering. 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.

Sapthagirl College of Engineering

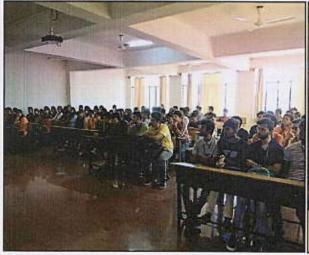
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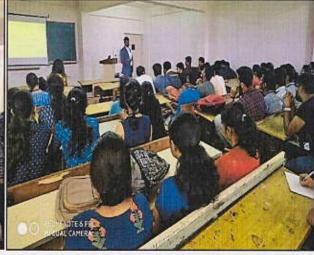
Principal

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 nour but Euilding 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 tipstricks used in answering Reading Comprehension questions that normally appear in GRE kind of examinations.





COORDINATOR

HOD
Department of
Information Science & Enga
Sapthagiri College of Engineering
14/5, Chikkesandra, Hesaraghatta Main Road
84NG4LORE - 580 057

Principal

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



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Web: www.sapthagiri.edu.in, Email: principal@septhagiri.edu.in Phone: 080-28 372800/1/2 -228 Fax: 080-28 372797

EVENT: Career Guidance DEPARTMENT: ISE

DATE: 18.05.2017

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Talk on

Awareness programme on PR

Ву

Mr. C.R. Pradeep, Coordinator and consultantPIC, KSCST

And

Ms. Bhavya, PIC, Consultant and Advocate

Organised by

SCE in association with KSCST

On

19.01.2017 at SCE, Bengaluru

PATRONS: G.DAYANAND (CHAIRMAN)

G.MANOJ

(EXECUTIVE DIRECTOR)

CONVENER: Dr.K.N.RAVI, Prof. And Head,

EEE, SCE

FACULTY COORDINATOR : Prof. ASHWINI A V

EEE, SCE

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



Ravi T < library@sapthagiri.edu.in>

Fwd: IPR Awareness program

1 message

Principal <pri>principal@sapthagiri.edu.in> To: hods@sapthagiri.edu.in

Tue, Aug 9, 2016 at 12:54 PM

 Forwarded message --From: PIC-KSCST <patent@kscst.iisc.emet.in> Date Mon, Aug 1, 2016 at 10:59 AM Subject: IPR Awareness program

To: principal@sapthag ri.edu.in, principal@sctengineering.in, principal@ssec.ac.in, sreis@gmail.com, principal@vitb.ac.in

Dea Sir,

Sub: Awareness Programme on Intellectual Property Rights (IPR)

We wish to introduce our Patent Information Centre (PIC). PIC was started in Kamataka State Council for Science and Technology (KSCST) in 2005. with the support of Technology Information Forecasting and Assessment Council, Department of Science and Technology (GOI), with the intention of creating awareness amongst students, innovators and others in Karnataka, Intellectual Property Rights (IPR)

IPR includes patents, copyrights, trademark, geographical indications etc. PIC has organized 62 awareness workshops in various Engineering Colleges. Universities, and District Industries Centers across the state. You might be well aware of Student Project Program of our KSCST in which most of the Engineering Colleges in the State participate (in which the Council supports student projects - technically and financially - and has been organizing since last 38 years).

We wish to organize an Awareness Program on IPR at your esteemed institution. The purpose is to create awareness on IPR, particularly among students who take project / research work during course of their studies. Hence, the target participants would be mainly final year er gineering students, postgraduate students and faculty members and number of participants wou d be about 100.

The program will consist of two presentations (one hour each) on PR -'Introduction to IPR, and 'Indian Patenting System'. This will be fcllowed by a question-answer session. We would also provide some lilerature regarding IPR.

Kindly suggest your willingness and convenient date for the same. The Council will take care of arranging of Resource person, travel expenses our collège premiss. and honorarium. You may provide other infrastructure facilities such as seminar hall, Laptcp, Projector and light Refreshments etc. We request you to let us know your opinion of our proposal.

Thanking you,

Yours Sincerely,

CR Pradeep.M.Sc. 9880222989 ⊃IC -Project Coordinator Patent Information Centre Karnataka State Council for Science and Technology 1415, Chikkesandra, Hasaraghat Indian Institute of Science in Coll Bengaluru - 580 057

THE PRINCIPAL SAPTHAGIRI COLLEGE OF ENGINEER Approx cost for the Program

is Ro 4000/-

Submitted: It is hereby required to approve the Same to conduct lorge

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Dr. Aswatha Kumar M.,

M.E., MISTE, Ph.D., MIEEE, FIETE

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

Phone: 080 28378000/1/2/3, 9830703600

Principal

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Bangalore - 560 012 Ph: (080) 2334 1652 / 8848

> Patent Information Centre Kamataka State Council for Science and Technology Indian Institute of Science Bangalore - 560 012 Ph: (080) 2334 1652 / 8848

Patent Information Centre Kamataka State Council for Science and Technology Indian Institute of Science Bangalore - 560 012 Ph: (080) 2334 1652 / 8848 Principal
Sapthagiri College of Engineering
14/5, Chikeasandra, Hesaragrata Main Road
Benga uru - 560 057

Date:12.01.2017

To

In charge Seminar Hall

Sapthagiri College of Engineering

Bengaluru-560057

Dear sir,

Sub: Seminar Hall reservation for IPR workshop on 19th Jan 2017

With Reference to the above subject, I would request you to reserve the Seminar hall on 19th Jan 2017 from 10.00AM to 1.00PM for IPR awareness program organized in association with KSCST IISc Bangalore. This is for your information and needful.

Thanking you,

Yours faithfully,

CHIEF LIBRARIAN

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SAPTHAGIRI COLLEGE OF ENGINEERING, BENGALURU-57

Date: 16.01.2017

CIRCULAR

This is to inform all the HoD's and Faculty members that, The Sapthagiri College of Engineering organized an Awareness Programme on Intellectual Property Rights (IPR) in association with Patent Information Centre, Karnataka State Council for Science and Technology, Indian Institute of Science, Bangalore on 19th Jan 2017 at our campus. Hence all HoD's faculty members are requested to attend the same without fail.

Venue: Room 305 (Academic Block) Time: 10.15AM

Program details

Ist Technical Session: Introduction to IPR by Mr.C.R.Pradeep, Coordinator and Consultant PIC, KSCST 10.30 to 11.15AM

2nd Technical Session: Patenting Mechanism in India by Ms.Bhavya, PIC, consultant and Advocate 11.15 to 12.30PM

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

Report on Intellectual Property Right Topic: "IPR Awareness Program"

By

Mr. CR Pradecep

Consultant and Project Coordinator KSCST, Bengaluru

And

Ms. Bhavya KB

PIC, Consultant and Advocate KSCST, Bengaluru.

Date: 19.01.2017

Time: 10.15 AM to 12.30 PM

Venue: Room No 305, Academic Block, SCE Bengaluru.

Report on IPR Workshop by KSCST, HSc, Bangalore

Sapthagiri College of Engineering has organized workshop of Intellectual property right on 19th Jan 2017, at Room 305 Academic Block,

Resource Person

Mr.C R Pradeep, Co-ordinator, KSCST, IISc, Bangalore

Ms.Bhavya, Co-ordinator, KSCST, IISc, Bangalore

The program started with welcoming the resource persons by Ms.Rakshitha and Ms.Madhuri Bhat Students of Bio-Technology Department, The Principal Dr.Aswathkumar M and Director Dr.Keshava Murthy presented flower bouquets to resource persons respectively.

Mr.C.R.Pradeep has explained about Intellectual Property Right and its importance in the first section from 10.30 AM to 11.45 AM.

After Tea Break Mr.Bhavya has explained about Patent Mechanism in India and procedure for applying patent.

The workshop concluded at 12.45 PM.

Ravi.T, Chief Librarian.

12 m 12/10

Dr.Rohit, Mr.Kiran.S, , Mr.Ravikanth N, Mr.Prashanth kumar HP

Sapthagiri College of Engineering

Photo Gallery





HOD EEE

Principal

Principal
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Principal
Septhagiri College of Engineering
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Bangalore-Sou US7

Report on IPR Workshop by KSCST, IISc, Bangalore

Sapthagiri College of Engineering has organized workshop of Intellectual property right on 19th Jan 2017, at Room 305 Academic Block.

Resource Person

Mr.C R Pradeep, Co-ordinator, KSCST, IISc, Bangalore

Ms.Bhavya, Co-ordinator, KSCST, IISc, Bangalore

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The workshop concluded at 12.45 PM.

Ravi.T, Chief Librarian.

Pas 4/2/18

Dr.Rohit, Mr.Kiran.S, , Mr.Ravikanth N, Mr.Prashanth kumar HP

Sapthagiri College of Engineering 14/5, Chikkasendra, Hesarachatta Main Road Bengaluru - 560 057

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Sapthagiri College of Engineering IPR awareness progrom held on 19th Jan 2017

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Sapthagiri College of Engineering IPR awareness progrom held on 19th Ian 2017

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Santraghi College of Engineering

Sapthagiri College of Engineering
IPR awareness progrom held on 19th Ian 2017

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PROFILE C R Pradeep.M.Sc. (Consultant and Project Coordinator)



Mr.C.R Pradeep —is a Post-Graduate in Science. He has been the Coordinator for the Patent Information Centre, KSCST for the past four years.

He is involved in organizing the IPR Awareness programs at the Engineering Colleges, Universities and other Professional Institutions including MSMEs.

As a part of the objective he is initiating setting up of IP Cells in the Engineering Colleges and a few Universities . He has been in touch with the VTU to encourage students with new ideas and inventions, to facilitate incubation Centers and encourage Starts ups.

He is also involved in furnishing information on Patent filing and assistance on IPR for industries in Karnataka.

Mr.Pradeep is also handling a Joint R&D Programs with the Govt .of Israel, and Govt. of Karnataka for financial assistance to encouraging new inventions in the line of industries in both the countries.

Mr. Pradeep will give a brief introduction about KSCST and its activities.

Principal
Sapthagiri College of Engineering
Sapthagiri College of Engineering
1415, Chikkasandra, Hasaraghada Main Ruad
Bangaluru - 560 057

PROFILE BHAVYA.K.B



Ms.Bhavya.K.B is a Graduate in Pharmacy from Rajiv Gandhi University of Health Sciences, and has a Fost-graduate diploma in IPR from National Law School of India University, Bangalore and an LLB from Karnataka State Law University, Hubli.

She was associated with IP Cell of Indian Institute of Science for 5 years. During her tenure at IISc. she was handling Prior-art Search, Drafting of patent applications and negotiating research and license agreements, Preparing, filing and prosecuting patent, design and copyright applications personally and also involved in industries-IISc institute collaboration for commercialization of technology.

For the past one year she has been with Patent Information Centre, KSCST. She coordinates the IPR Awareness programs at the Engineering Colleges and other Professional Institutions and also assists in patent drafting and filing assistance for students, researchers and small scale industries etc and also assists in filing trademark and design applications.

Sapthagiri College of Engineering 14/5, Chakkasandra, Hesaraghatta Meln Road Bengaturu - 560 057



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

#_4/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560

Web: www.sapthagiri.edu.in, Email: principal@sapthagiri.edu.in Phone:080-28 372800/1/2 Fax: 080-28 372797

Three days workshop on

Ву,

Mr.Kumarswamy ,Mr.Vishwanath

V&V Technologies, Bangalore

Organized By: Department of Electronics and Communication Engineering

Date:17.09.2016 to 19.09.2016

Venue: Seminar hall, Faraday Block

SCE, Bangalore

Presided by : G.DAYANAND

(Chairman)

G.MANOJ

(Executive director)

Graced by: Dr.Aswatha Kumar

Principal

SCE

Sapthagiri College of Engineering Chikkasancra, Hasaraghatta Road, Bangalorg-560 057

SAPTHAGIRI COLLEGE OF ENGINEERING,

AGENDA

INAUGURATION - 9.00 AM to 9.30 AM

O INVOCATION

WELCOME ADDRESS

LIGHTING THE LAMP

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ADDRESS BY PRINCIPAL

INTRODUCTION OF THE GUEST

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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

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.

Sapthagiri College of Engineering 14/5, OnMaesandra, Hasanahasha Main Road Bengaluru - 560 N7

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 Comminication 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

Sapthagiri College of Engineering 14/5, Chikkasandra, Hasarania Sangaturu - Sangaturu - Sangaturu

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 cf 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 Lightning by Principal Dr. Aswatha Kumar, HOD Prof.Sandhya Rani MH, Mr. Kumaraswamy and Mr. Kumaraswamy from M/s V&V Technologies, Bangalore.







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

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

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.

Or 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.

Sapthagiri College of Engineering 14/5, Chikkasandra, Hasaraghatta Main Road Bengaluru - 580 057





Students and faculties participating in the APM 7 workshop.

Prof. Vani V & Prof. Vani A

FDP/Workshop/Seminar Coordinators

Sapthagiri College of Engineering 14/E, Chikkasandra, Hessreghetta Main Road Bengaluru - 550 957

Prof. Sandhya Rani M H

Alead Of Ma Department Electronics & Communication Bangaler 569 967



Sapthagiri College of Engineering Department of Electronics and Communication Engineering 3 Days Workshop on ARM7

Student Attendance

Semester: 7th 'A' & 'B'

Academic Year: 2016-17

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



Sapthagiri College of Engineering Department of Electronics and Communication Engineering

3 Days Workshop on ARM7 Student Attendance

Semester: 7th 'A' & 'B'

Academic Year: 2016-17

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Principal

Sapthagiri College of Engineering Chikkasandra, Hesaraghatta Road, Bangalore, 560 057 Head of Hob Ece Electronics & Communication Sapthagiri College of Engineering Bangalon 560 957



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#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru– 560 057.
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Phone:080-28 372800/1/2 Fax: 080-28 372797

Talk on

Importance of Patent for Engineering Faculty

Ву

Dr. Dinesh Anvekar,

Principal, Alpha College of Engg., Bengaluru

Organised by

RDECI, SCE, BANGALORE

On

13.09.2016 at SCE, Bengaluru

PATRONS: G.DAYANAND
(CHAIRWAN)
G.MANOJ
(EXECUTIVE DIRECTOR)

CONVENER: Dr.K.N.RAVI, Frof. And Head,

EEE, SCE

FACULTY COORDINATOR :Frof. ASHWINI A V

EEE, SCE

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



Department of Electronics and Communication 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. Dinesh Anvekar K Principal, Alpha College of Engineering Bengaluru.

Dear Sir,

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

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

Date:13.09.2016 Time: 2PM to 4PM

Venue: 406, Academic Block

Thanking you,

College of Euglines rud

Dr. KN Rayinagiri Control Pennsului Se

Department of Electrical and Electronics Engineering

Sapthagiri College of Engineering

Bengaluru

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





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#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru– **560 057.** Web: www.sapthagiri.edu.in, Email: principal@sapthagiri.edu.in Fax: 080-28 372797

CIRCULAR

The college is organizing one day FDP on "Importance of Patent for Engineering Faculty" by **Dr. Dinesh Anvekar K** on 13.09.2016 from 2PM to 4PM in Room No 406 Academic block.

Hence hereby informing all faculties to attend the same.

PRINCIPAL

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

Copy to:

- 1. All HOD's
- 2. Office copy.

Principal
Principal
Septhagiri College of Engineering
Research Hesaraghatta Road,
Bangalore-560 057



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

Intellectual Property Right Report

Topic: "Importance of Patents for Engineering Faculty"

By

Dr. Dinesh Anvekar K

Principal, Alpha College of Engineering Bengaluru.

Date: 13.09.2016

Time: 2 PM to 4 PM

Venue: Room No 406, SCE Bengaluru.

The Sapthagiri College of Engineering conducted a one day FDP on "Importance of Patents for Engineering Faculty" for creating awareness about Intellectual Property Rights amongst faculty. The session started with welcome note and introduction of the spearker by Prof. Rekha, Dept of EEE.

The speaker Dr. Dinesh Anvekar stated that India has become a member of the global patent regime but awareness and expertise on the subject of Intellectual property Rights (IPR) in the academic institutions is still inadequate. Maintenance of a proper balance and fine tuning of academic excellence with academic integrity and protection and exploitation of intellectual property rights is becoming very important for the universities.

In the current scenario the aggressive and targeted creation of intellectual property is the need. Protection of IPR and its commercialization propagates innovative culture, profitability, market leadership and helps creation of wealth for the individual and eventually the Nation For that IPR awareness is required which is significant for fruitful growth of the Intellectual property rights (IPRs).

The programme included talks on importance of IPRs and their protection, Patenting procedures and patent informatics, patent searches, role of innovation and invention in the

Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Roac,

Bangalore-200 007

academia-industry collaborations, trademark and copyright protection, issues of do's and don'ts for a researcher in the context of publishing and patenting. The talk was very much appreciated by the participants.

Photo Gallery



Dr. KN Ravi HOD EEE

Dr. Aswatha Kumar

Principal

Principal

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

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



(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

Attendance Report of

"One day FDP on Importance of patents for Engineering Faculty"

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Sapthagiri College of Engineering
14/5, Chikkesandra, Hesaraghata Main Rosa
Bengaluru - 560 057

Dr. Dinesh Anvekar



Dr. Dinesh Anvekar, is currently working as a Director R&D at Vijaya Vittala Institute of Technology, Bangalore. He has 37 years of Teaching and Industrial experience. He has over 68 research publications in International/National Journals and Conference Proceedings and also he is a Author of one book. His areas of interest are in the field of Wireless Sensor Network, Artificial Intelligence, Embedded Systems, Intelligent Automation and IOT. He is a Life Member of IEEE and Fellow of IETE. He Mentored and guided 300 Six Sigma Green Belt Projects in Honeywell. He Worked as Lead, Innovation Initiatives at Honeywell Technology Solutions Lab and also Worked as Research Staff Member for 1.5 years in IBM Solutions Research Center, India. He Completed two Nokia sponsored projects in Indian Institute of Science during 1997-1998. He Received First Plateau Award from IBM and filed 6 US Patents, Best PhD Thesis Award of Indian Institute of Science and KAAS Young Scientist Award in Karnataka State, India

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Bangalore-550 057



SAPTHAGIRI COLLEGE OF ENGINEERING (Affiliated to Visvesvaraya Technological University, Belagavi &

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"2 days workshop on Sensor Design and Implementation"

Ву,

Mr.Praveen Tripati

EduLife India Pvt.Ltd. Bangalore

Organized By: ECE Department

Date:10.09.2016 to 11.09.2016

Venue: Seminar hall, Faraday Block

SCE, Bangalore

Presided by: G.DAYANAND

Graced by: Dr. Aswatha Kumar

(Chairman)

Principal

G.MANOJ

SCE

(Executive director)

Principal

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

ELECTRONICS AND COMMUNICATION ENGINEERING

BENGALURU-560057

DEPARTMENT OF

AGENDA

INAUGURATION - 9.00 AM to 9.30 AM

INVOCATION 0 WELCOME ADDRESS 0 LIGHTING THE LAMP 0 ADDRESS BY PRINCIPAL 0 INTRODUCTION OF THE GUEST 0

at at

VOTE OF THANKS 0 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

Cordially invites you for

Sensor Design and Implementation Mr. Praveen Tripati, 2 days workshop on

Edulife India .Pvt. Ltd.Bengaluru

PRESIDED BY:

Sri. Dayanand

Chairman

Sri. Manol

Executive Directors

GRACED BY

Dr. Aswatha kumar, Principal, SCE.

Sapthagiri Collage of Engineering 14/5, Chikkesendra, Hasagahatta Main Road Bengaluru - 56, 057 Acipal

SAPTHAGIRI COLLEGE OF ENGINEERING, Bengaluru

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

A filliated to Visvesvaraya Technological University, Belagavi

To.

Mr. Praveen Tripati, Edulife India .Pvt. Ltd. Bengaluru

Dear Sir/Madam,

Sub: Workshop at Sapthagiri College of Engineering

The Department of Electronics and Comminication 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: 2 days workshop on Sensor Design and Implementation

Date: 10.09.2016 & 11.09.2016 Time: 09.00AM to 5.30PM

Venue: HDL Lab, Faraday Block

Thanking you

The HOD

Department of Electronics and Communication Engineering Sapthagiri College of Enginæring

Bengaluru

Pribapal

Sapthag ri College of Engineering 14/5, Chikkasandra, Hesareghatta Mein Road Bengaluru - 550 057

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WORKSHOP REPORT ON

"SENSOR DESIGN AND IMPLEMENTATION"

Date: 10.09.2016 AND 11.09.2016

Objective of the workshoo:

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 Lightning by Principal Dr. Aswatha Kumar, HOD Prof.Sandhya Rani MH, Mr.Praveen Tripati 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
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Bengaluru - 560 057

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 in depth 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 Tripati from M/s Edulife India delivering speeca 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.

Sapthagiri College of Engineering 14/5, Chikksendre, Heseraghatta Main Road Bengeluru - 560 057 The Fourth session after lunch, Intro to gyro, temperature, humid ty, 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.

Vou

Prof. Vani V & Prof. Vani A

FDP/Workshop/Seminar Coordinators

P.-.f. Sandhya Rani M H

Head of the Department
Electronics & Communication
Sapihagiri College of Engineering
Rangalori 569 667.

Sarthagiri College of Engineering 14/5 Chikkasandra, Hasaraghatta Main Road Bangaluru - 560 057



Sapthagiri College of Engineering

Department of Electronics and Communication Engineering 2 Days Workshop on Sensor Design and Implementation

List of Student Participants

Semester: 5th 'A' & 'B'

Academic Year: 2016-17

Sl. No. USN		Academic Year: 2016-17	
1.	1SG13EC029	Name of the student	
		DIPEN KUNDU	
2.	1SG13EC051	MANISH KUMAR	
3.	1SG14EC003	ABHISHEK H R	
4.	ISG14EC004	ABHISHEK KUMAR SINGH	
5.	ISG14EC005	ABHISHEK PANDEY	
6.	1SG14EC006	ADITYA G PATIL	
7,	ISG14EC011	ANAGHA H K	
8.	ISG14EC012	ANIRUDHSINGH CHAUHAN	
9.	1SG14EC013	APOORVA S	
10.	1SG14EC014	ARAVIND VALSALAN	
11.	1SG14EC016	ASHITHA B N	
12.	1SG14EC018	AYUSH MISHRA	
13.	1SG14EC019	BHARATH K A	
14.	ISG14EC020	BHAVANAM	
15.	1SG14EC021	CHAITHRAK	
16.	1SG14EC023	CHANDANS	
17.	1SG14EC024	CHANDAN S CHANDAN A G	
18.	ISG14EC027	DEEPAK KUMAR	
19.	1SG14EC029	DIVYA VIDAYA	
20.	ISG14EC032	GAURAV KUMAR	
21.	SG14EC036	HARSHAMN	
22.	ISG14EC039	HIMESH HIMANSHU	
23.	1SG14EC040	JAGSHANBIR SINGH	
24.	13G14EC041	JISHNU'S	
25.	15G14EC043	KAVYAKM	
26.	15G14EC044	KEERTHANA K	
27.	1SG14EC046	KOWSALYA H V	
28.	1S314EC048	LOKESH N	
29.	1SG14EC051	MEDISETTI ANUDEEP	
30.	ISG14EC052	MOHD SALEEM KHAN	
31.	1SC14EC057	NETHRAVATHI	
32.	ISG14EC058	NITESH GOWDACR	
33.	ISGI4EC061	PAVITHRA R KOTIAN	
34.	1SG 5EC415	POOJA M.S	
35.	1SG14EC065	PRANEETH GANESH YAJI	
36.	1SG 4EC067	PRIYANKA S RAO	
7.	1SG14EC070	RAHUL KUMAR SINGH	

Printpal

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Sapthagiri College of Engineering

Department of Electronics and Communication Engineering 2 Days Workshop on Sensor Design and Implementation

List of Student Participants

Semester: 5th 'A' & 'B'

Academic Year: 2016-17

38.	1SG14EC071	RAHULS	
39.	1SG14EC073	RAMESH R	
40.	ISG14EC075	RANJITH SHASTRY	
41.	ISG14EC079	RASHMI S	
42.	1SG14EC080	RESHMA M	
43.	1SG14EC081	RISHEK A BHARADWAJ	
44.	1SG14EC084	SAGAR B V	
45.	1SG14EC091	SHIVARAJ MASALI	
46.	1SG14EC092	SHREE RAKSHA V	
47.	1SG14EC094	SHUBHAM KUMAR	
48.	ISG14EC098	SUHAS K R	
49.	1SG14EC102	TEJAS RAO M	
50.	1SG14EC105	UDIT KUMAR	
51.	1SG14EC109	VARSHA H	
52.	1SG14EC110	VARSHAK	
53.	1SG13EC004	ABHISHEK GAURAV	
54.	1SG13EC019	ARCHIT SAURYA	
55.	1SG15EC410	KIRAN KUMAR K M	
56.	1SG15EC426	SACHIN M V	

Prof. Vani V & Prof. Van

FDP/Workshop/Guest Lecture Co-ordinator

Head of the Deputation Prof. Sandhyarani MH-nt Sapinagiri College of Engineering Bangalon 560 057

Sapthagiri College of Engineering Chikkasandra, Hesaraghatta Road,

Bangalove- 560 057



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#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 Fax: 080-28 372797

Talk on

"Innovative Business and Breakthrough technologies"

Ву

SUNIL,

GENERAL MANAGER.

ADVANCED ELECTRONIC SYSTEMS

Organised by

RDECI, SCE, BANGALORE

On

8.8.2016 at SCE, Bengaluru

PATRONS: G.DAYANAND
(CHAIRMAN)
G.MANOJ
(EXECUTIVE DIRECTOR)

CONVENER: Dr.K.N.RAVI, Prof. And Head,

EEE, SCE

EACLULTY COORDINATOR : Prof. ASHWINI A

FACULTY COORDINATOR : Prof. ASHWINI A V EEE, SCE

Principal
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Bangalore-560 057

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To.

Mr. Sunil S, General Manager, Advanced Electronic Systems (ALS), Bangalore

Dear Sir,

Sub:Seminar on Enterpreneurship.

The Sapthagiri College of Engineering is arranging seminar on Enterpreneurship. We request you to kindly arrange for the lecture. The subject will be of interest to the Engineering college students. 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: 08.08.2016 Time: 10.30 to 12.30

Venue: Seminar Hall, SCE Bangalore

Thanking you,

Dr. KN Ravi

Professor and Head

Department of Electrical and Electronics Engineering

Sapthagiri College of Engineering

14/5, Chikkasandra, Hasaraghatta Main Rosd Bengaluru - 560 057

Sapthagiri College of Engineering

Bengaluru

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

CIRCULAR

The college is organizing seminar on "Innovative Business and Breakthrough technologies" by **Mr. Sunil,** ALS Technologies on 08.08.2016 from 10.30AM to 12PM in Seminar Hall, Faraday Block

Hence hereby informing all faculties and students to attend the same.

PRINCIPAL

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

Ccpy to:

- All HOD's
- 2. Office copy.

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Seminar Report

Topic: "Innovative Bussiness and

Breakthrough Technologies"

By

Mr. Sunil S,

General Manager, Advanced Electronic Systems (ALS), Bangalore

Date: 08.08.2016

Time: 10.30 to 12.30

Venue: Seminar Hall, SCE Bangalore.

The seminar is an introduction to business law which covers the fundamentals, including contracts, liability, regulation, employment, and corporations, with an in-depth treatment of the legal issues relating to breakthrough technologies, including the legal framework of R&D, the commercialization of new high-technology products in start-ups and mature companies, and the liability and regulatory implications of new products and innovative business models. There is extensive attention to national and international intellectual property protection and strategies. Examples were drawn from many industries, including information technology, communications, and life sciences.

Principal

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Bengaluru - 550 057





HOD/EFE

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

Attendance Report of "Innovative Business and Breakthrough technologies" Date:08.08.2016

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