# **Details of Student Centric Methods**

Sl. No.	Particulars	Page No.
01	Technical talk/Guest Lectures and Industrial visits organized by Bio-Technology	1-93
02	Technical talk/Guest Lectures and Industrial visits organized by Civil Engineering	94-219
03	Technical talk/Guest Lectures and Industrial visits organized by Computer Science & Engineering	220-311
04	Technical talk/Guest Lectures and Industrial visits organized by Electrical & Communication Engineering	312=358
05	Technical talk/Guest Lectures and Industrial visits organized by Electrical & Electronics Engineering	359-432
06	Technical talk/Guest Lectures and Industrial visits organized by Information Science & Engineering	433-506
07	Technical talk/Guest Lectures and Industrial visits organized by Mechanical Engineering	506-577



# SAPTHAGIRI COLLEGE OF ENGINEERING

A UNIT OF SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi.) (Accredited by NAAC with "A" Grade) (Accredited by NBA for ECE, CSE, ISE, ME & EEE) (An ISO 9001 - 2015 & ISO 14001 - 2015 Certified Institution) #14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru- 560 057. Phone:080 - 28372800 DEPARTMENT OF BIOTECHNOLOGY

#### List of Technical Seminar/Guest Lectures Organized (2022-23)

SL. No	Deta	Title/Topic	Resource Person Details	Semester	Number of Students
NO	Date	Title/Topic	Dr. Purushothottam M	Semester	Students
1	12.08.2022	Journey from Scientist to Entrepreneur	Dewang; Founder and MD CorpG1	3,5 and 7	100+
2	22.10.2022	Higher education, the time is now	Mr. Fawad Yar Khan, Project Head at Gateforum Mr. Pravin K,	3,5,7	40+
3	14.11.2022	Career planning before graduating from college	Miss. Mahima Mahabaleshwar	5,7	43
		Application of Advance Techniques For	Dr. Shashidhara K.S., Assistant Professor, Department of Genetics and Plant Breeding College of		
4	15.12.2022	Production of Plant Hybrids	Agriculture, UAS, Bangalore	3,5,7	60
5	05.01.2023	Programming languages for jobs and future	Ms. Pooja Singh AD-Operations and analyst executive, Genisys Group.	3,5	70
6	23.02.2023	Entrepreneurship skills, Attitude and Behavior Development			43
7	01.04.2023	Skillset and Career Opportunities in Biotech Industries	Ms. Devika Chakrabarty, RA, Phyx44 Labs Pvt. Ltd.	6,8	45
8	06.05.2023	Downstream Processing involved in Biotechnology Industry	Ms. Devika Chakrabarty, RA, Phyx44 Labs Pvt. Ltd.	6,8	56
9	11.05.2023	"A look into Catastrophe at Kodagu- IMPACT"	Mr. Kaushik P M Project Assistant Department of CES, IISc, Bangalore	6, 8	46
			Mrs. Akshatha M (Ex. Genpact-Sr. Data Scientist) Mr. Prashanth M, Project Manager -JUZZ-IT Mr. Karthik D V JUZZ-IT		
10	13.07.2023	"Careers in Biotechnology"	A State	6, 8	40+

Principal Sapthagiri College of Èngineering 14/5, Chikkasandra, Hesarachetta Main Road Bengalum

Head of the HODFBITtment Dept. of Bio - Technology Sapthagiri College of Engineering Mo. 57/1, Chikkasandra nesaraghatta M Road Bangalose 4.7



# Sri Srinivasa Educational & Charitable Trust SAPTHAGIRI COLLEGE OF ENGINEERING (Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi) #14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru- 560 057 An ISO 90001:2015 and 14001:2015 Certified Institution Accredited by NAAC -A GRADE

AY: 2020-2021

Department of Biotechnology (August- 2022)

Type of event/activity	Seminar
Name/Title of the Activity/Event	Seminar on "Journey from Scientist to Entrepreneur"
Speaker	Dr. Purushottam M. Dewang Founder & MD, CropG1; Member Board of Research, KBC North Maharashtra University, Jalgaon Member of Scientific Advisory Board, Acharya & BMR College of Pharmacy, Bangalore
Date of Organization	12/08/2022
Venue (with address)	Seminar Hall, Faraday Block, Sapthagiri College of Engineering
Organized by	Program Co-ordinator: Dr. Gouri Mirji Dr. Chaitra B S
Objectives of the event/activity	<ul> <li>Journey of becoming an Entrepreneur</li> <li>Pros and Cons of being an Entrepreneur</li> <li>To guide us regarding the various strategies involved in developing a Startup and financial Aids</li> </ul>
Participants (Please attach list of participants, if it is organized/conducted in the dept.)	• 100+ participants
Mention organized /participated/attended	• Organized

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#### **Event Description:**

The Department of Biotechnology conducted a seminar for Students under the banner of The Institution of Engineers (India), NDLI (National Digital Library of India), Student chapter and Shrishti BT forum on 12th August 2022 from 09.30AM- 11.30AM. Seminar was delivered by Dr. Purushottam M. Dewang, Founder & MD, CropG1; Member Board of Research, KBC Nortl Maharashtra University, Jalgaon Member of Scientific Advisory Board, Acharya & BMR College o Pharmacy, Bangalore The main aim of arranging the seminar is to give all the students an idea abou the general view about establishing a company (Startups) and the pros and cons of an entrepreneu The speaker spoke about his journey of becoming an entrepreneur the troubles faced by him and the way he tackled the problem. Speaker established CropG1 Company, through which they focused or developing a safe way of controlling the pest population by setting up a trap for pest. This method i advantageous as there is no usage of pesticides on plants, hence the health hazards faced by usage o pesticides can be avoided. Students were happy to learn about this method of controlling the pest in agriculture sector and also they were glad to learn about various methods and techniques involved in establishing a startup, they learnt about the various types of financial aids and marketing strategies The Event was organized by Dr. Gouri Mirji and Dr. Chaitra B S, Assistant professors, Dept o Biotechnology, SCE, Bangalore-57

Note: At the end map PO's (with 3/2/1):

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# Department of Biotechnology

The Indian Institute of Engineers (IEI) student chapter

In association with NDLI Organising a talk on Journey from a Scientist to

an Entrepreneur

Eminent Speaker

CHIEF PATRONS Sri. Davananda G

INSTITUTION'S

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COUNCIL

Chairman, SCE

Sri. G D Manoj Executive Director, SCE

Dr. Ramakrishna H Principal

Dr. Veena S/More HOD, BT

Dr. Allwin Ebinesar IEI Convener

Dr. Soumya C Shristi Convener

Dr.Purushottam M Dewang M.D, Crop G1, Agro Research and Development Pvt. Ltd., Bengaluru

Principal Sasihagiri College of Engineering 14/5, Chikkesandre, Hessing Street

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

PROGRAM CO-ORDINATORS

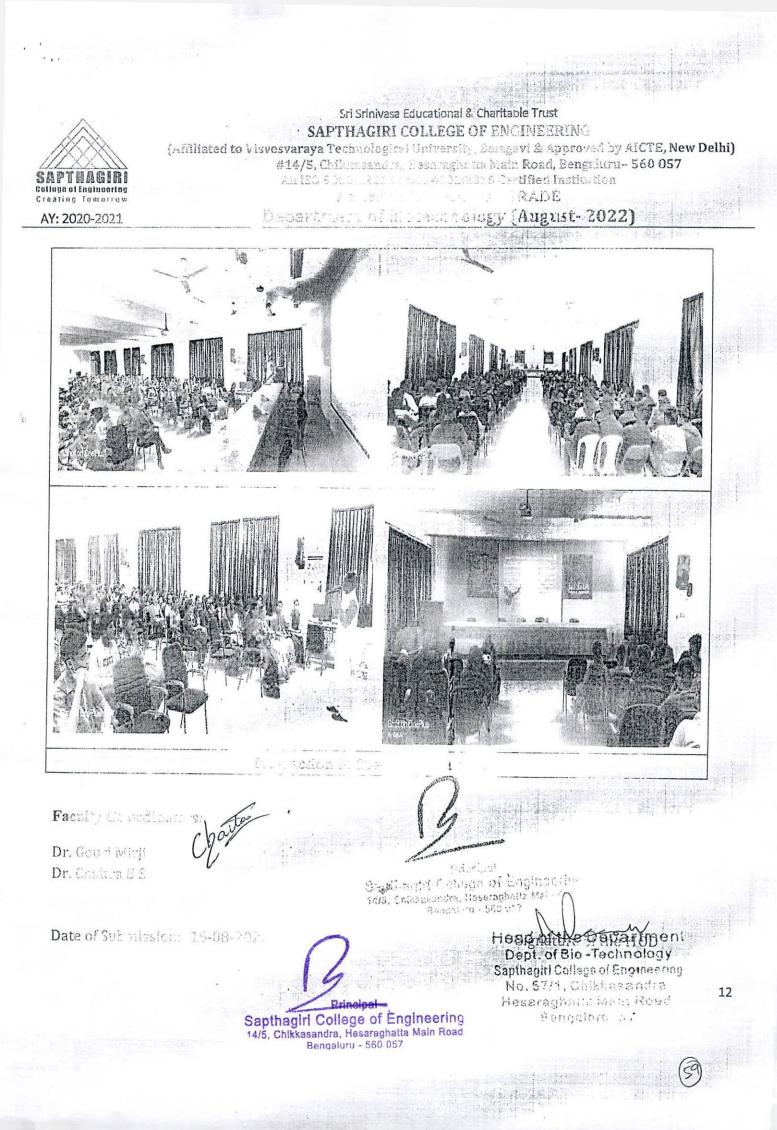
Dr. Gouri Mirji Dr. Chaitra B S

Date : 12/ 08/ 2022 Timings : 9.30 am Venue: Seminar Hall



SA Stickers Licerdonal & Charitable Trust SAPTHAGIRI COLLEGE OF ENGINEERING (Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi) #14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru- 560 057 An ISO 90001:2015 and 14001:2015 Certified Institution Accredited by NAAC - A GRADE Department of Biotechnology (August- 2022)







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# Department of Biotechnology



The Indian Institute of Engineers (IEI) student chapter &. Shristi BT forum Organising a talk on CHIEF PATRONS

# Journey from a Scientist to an Entrepreneur

Eminent Speaker



PROGRAM CO-ORDINATORS Dr. Gouri Mirii Dr. Chaitra B S

: 12/ 08/ 2022 Date Timings : 9.30 am Venue: Seminar Hall

Dr.Purushottam M Dewang M.D., Crop G1, Agro Research and Development Pvt. Ltd., Bengaluru

Sapthagiri Oal

14/5, Chikkasonura, Hesaraghatta Main Road

Bengaluru - 560 057

Sri. G D Manoj **Executive Director, SCE** 

Sri. Dayananda G

Chairman, SCE

Dr. Ramakrishna H Principal

Dr. Veena S More HOD, BT Dr. Allwin Ebinesar **IEI** Convener

> Dr. Soumya C Shristi Convener

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# Department of Biotechnology

Event: Talk on Entrepreneurship Development

Date: 12-08-2022

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# Department of Biotechnology

Event: Talk on Entrepreneurship Development

Date: 12-08-2022

Student Attendance

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# Department of Biotechnology Monthly activity report October 2022

Type of event/activity	Webinar					
Name/Title of the Activity/Event	"HIGHER EDUCATION, THE TIME IS NOW!"					
Date of Organization	22 <sup>nd</sup> OCT 2022					
Venue (with address)	ALH-208, Academic Block Sapthagiri College of Engineering					
Organized by	Department of Biotechnology Faculty Co-ordinators: Prof Kavya M V Dr. Soumya C Dr.Shobha.G					
Objectives of the event/activity	To guide the students regarding Pathways available for Higher education .					
Participants (Please attach list of participants, if it is organized/conducted in the dept.))	• 40+ participants					
Mention organized /participated/attended	Organized					

The Department of Biotechnology conducted a webinar for 5<sup>th</sup>, 6<sup>th</sup>, 7<sup>th</sup> sem Students under the banner of The Institution of Engineers(India) Student chapter and Shrishti BT forum, on" HIGHER EDUCATION, THE TIME IS NOW", 22<sup>nd</sup> oct 2022 at 10:30 AM to 12.00 PM. The session was addressed by Fawad Yar Khan, Project Head@ GATEFORUM, Mr.Pravin k, (AIR 28 IN GATE, BT Stream).

The motive of the webinar was to provide information regarding importance of higher education and paths available to achieve that to students. The speaker who is a proud alumni of Biotech department spoke about different programmes available world wide and the probable changes that may happen in future to choose the suitable programme by focusing on gathering the right information about the courses. Furthermore, the talk also highlighted academic requirements the universities expect and how to gain access to their chosen institution. The Seminar was successfully coordinated by Prof. Kavya M.V, & Dr. Soumya C, DR. Shobha G.

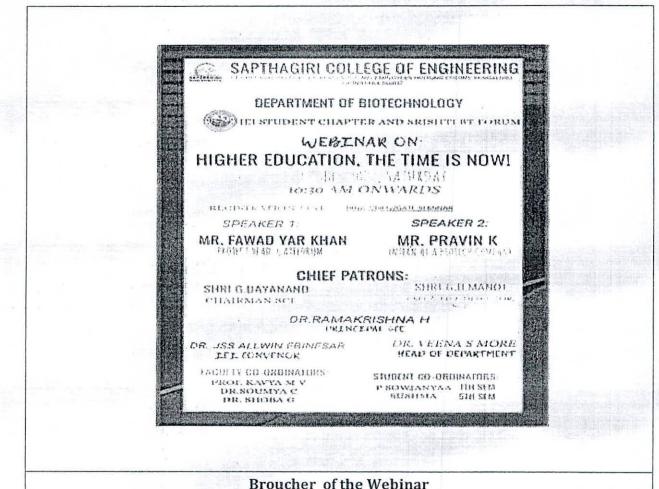
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> **Department of Biotechnology** Monthly activity report October 2022



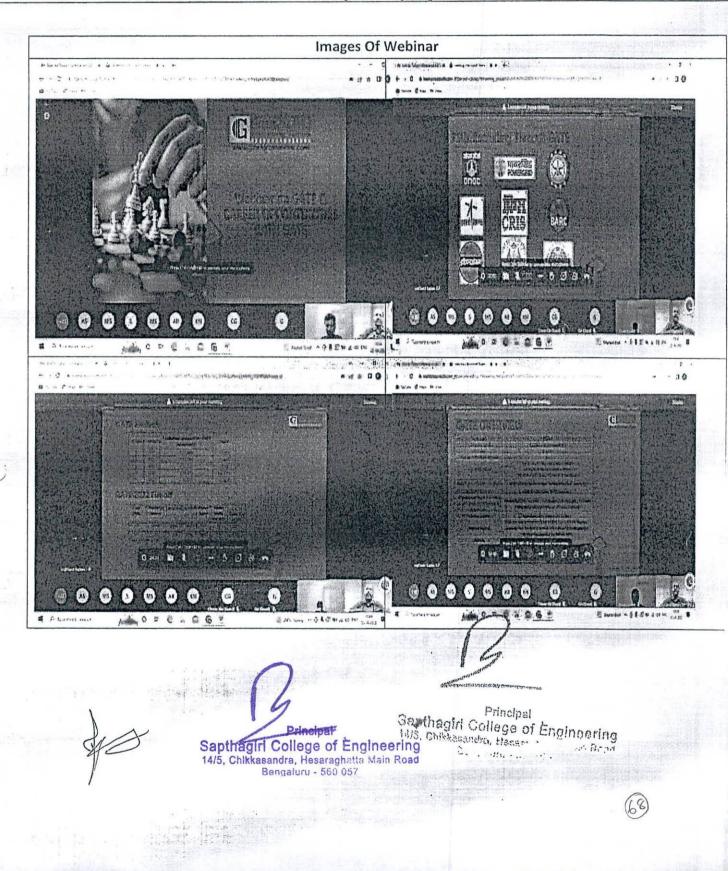
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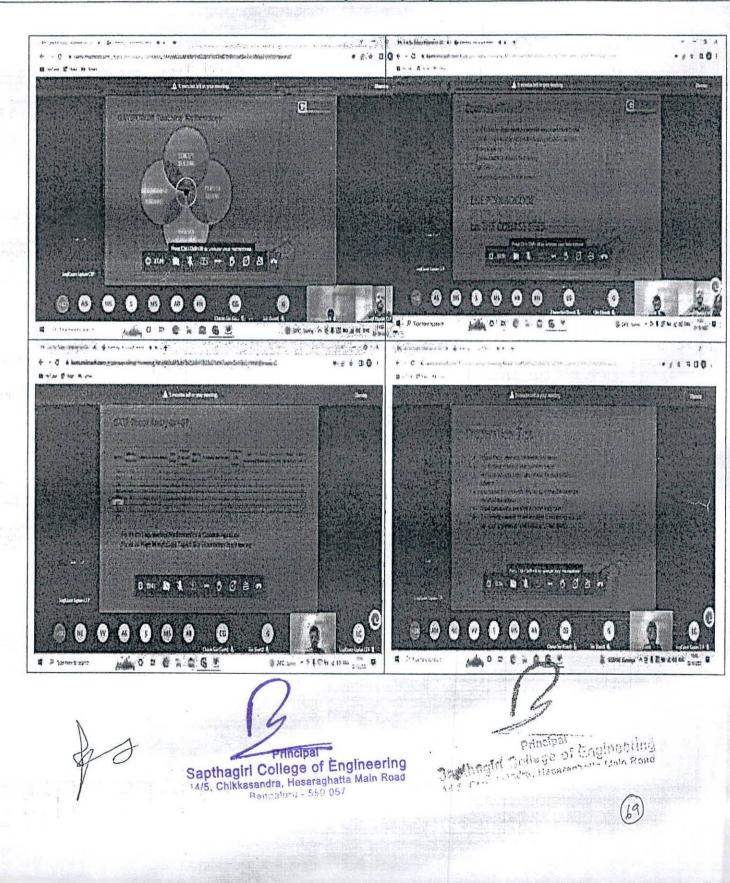
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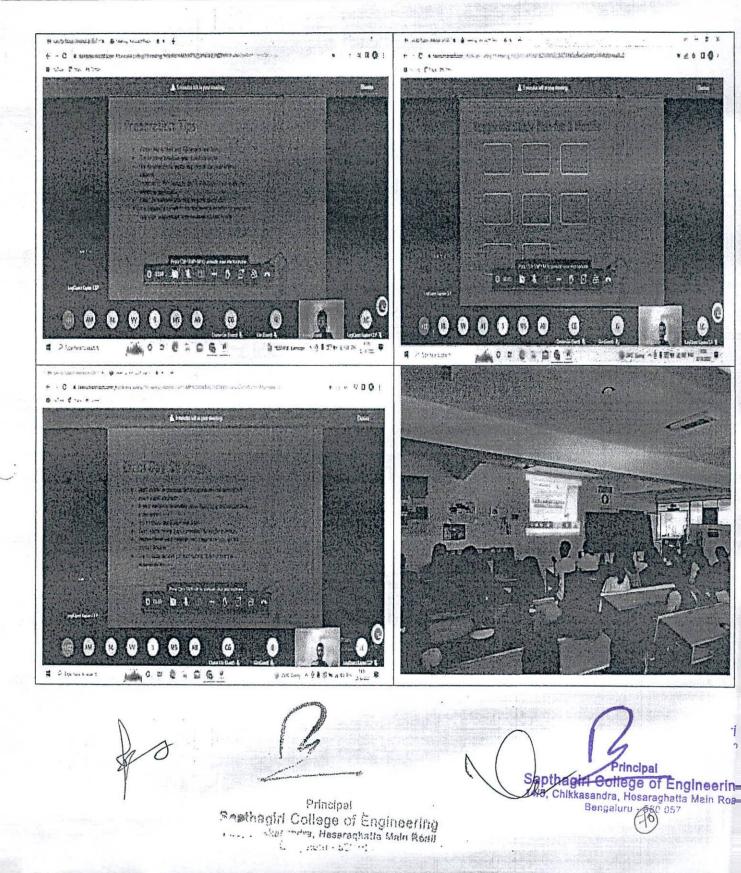
## Department of Biotechnology Monthly activity report October 2022





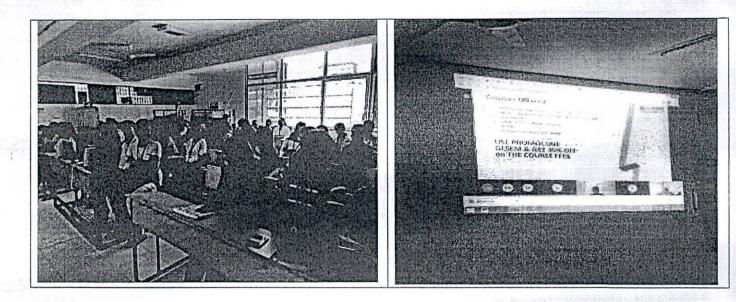
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Prof Kavya M V Dr. Soumya C Dr. Shobha.G

Faculty Coordinators:

Date of Submission: 28-10-2022

Signature of the HOD

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November 2022

*Type of event/activity	Alumni Talk (Webinar)
Name/Title of the Activity/Event	Career planning before graduating from college
Date of Organization	14th Nov 2022 Monday 11.45 AM – 12.45 PM Miss. Mahima Mahabaleshwar Executive/Quality Control Department Biocon Biological Limited Bommasandra jigni Link Road, Electronic City ,Bangalore
Venue (with address)	Department of Biotechnology (SCE)
Organized by	Department of Biotechnology Coordinators: Dr Soumya C Prof.Kavya M V
Objectives of the event/activity	<ul> <li>Information technology in Biotechnology</li> <li>Career Plans</li> <li>Opportunities in BT</li> </ul>
Participants (Please attach list of participants, if it is organized/conducted in the dept.))	43 Participants
Mention organized /participated/attended	Organized

#### **Event Description:**

The Department of Biotechnology & Department of Biotechnology organized alumni talk Career planning before graduating from college under the banner of The Institution of Engineers (India) Student chapter on 14-NOV -2022 at 11.45 AM – 12.45 PM

- The objective of this Alumni talk Information technology in Biotechnology Career Plans, Opportunities in BT
- A webinar was conducted by sending out designed brochure to all the students and interested students participated. Students enthusiastically participated in the Webinar.

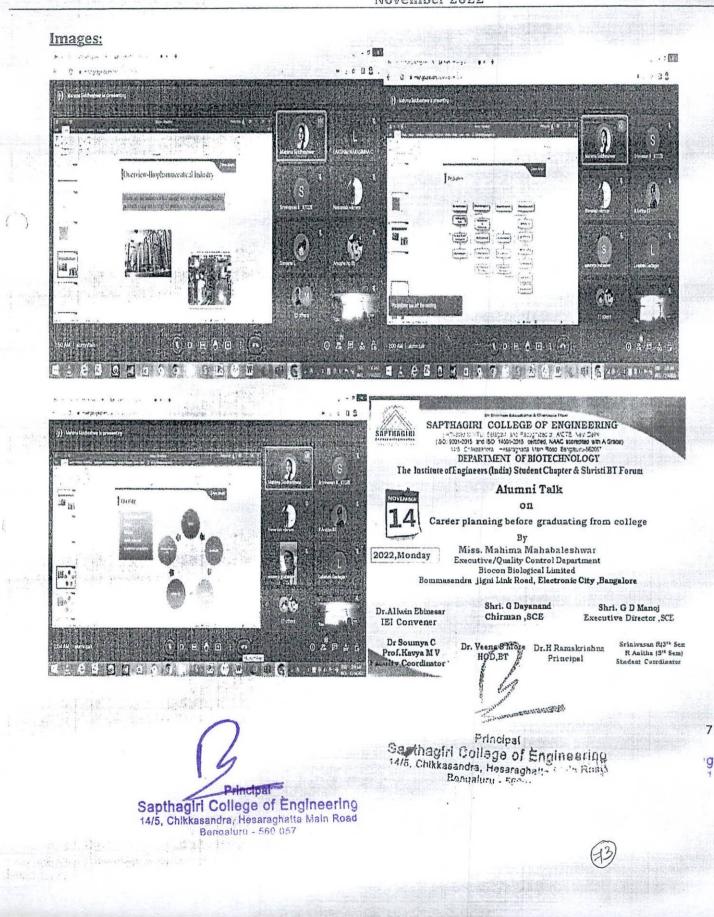
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Note:

(i) After every event, please take feedback (online/offline).

(ii)At the end map PO's (with 3/2/1):

P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	PO11	P012
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#### \*Type of activity:

Workshop/seminar/conference/hackathon/hobby project/mini project/ Invited Talk/Guest Lecture/ Skill enhancement program/Cultural activity/competitions etc.,

Faculty Co-ordinators:

Dr Soumya C Prof. Kavya M V

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Date of Submission: 17-11-2022 Signature of the HOP ni Dept. of Bio - Technology Principal Sapthagiri College of Engineering No. 57/1. Chikka sandra 146. Crick sandra, Hasaragnata Mala Read Hesaraghatta Main Road Sacanare - Sapara Mala Read Hesaraghatta Main Road Sacanare - Sapara Mala Read Hesaraghatta Main Road

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### SAPTHAGIRI COLLEGE OF ENGINEERING

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#### **Department of Biotechnology**

AY: 2022-2023 2022-EVEN

14

Type of event/activity	Expert Talk/ Seminar
Name/Title of the Activity/Event	Applications Of Advance Techniques For Production Of Plant Hybirds
Date of Organization	15/12/2022
Venue (with address)	Microbiology LAB
Organized by	Faculty Co-ordinators: Dr. Shobha G Prof Kavya MV
Objectives of the event/activity	<ul> <li>Plant Breeding Process</li> <li>Construction of transgenic plant</li> </ul>
Participants (Please attach list of participants, if it is organized/conducted in the dept.))	• 60+ participants
Mention organized /participated/attended	• Organized
/participated/attended Event Description:	

The Department of Biotechnology organized a webinar for Seventh and Fifth semester Students on APPLICATIONS OF ADVANCE TECHNIQUES FOR PRODUCTION OF PLANT HYBIRDS, 15<sup>th</sup> December 2022 at 10:30am to 12:00pm.The session was addressed by Dr. Shashidhara K.S., MSc (Bioinformatics)., MSc (Agriculture)., PhD., PDF (USA), Assistant Professor, Department of Genetics and Plant Breeding College of Agriculture, University of Agricultural Sciences (Bangalore). The aim of the webinar was provide knowledge of Plant breeding process, Mutations in Plants and Apomixis and recent research and advancements in plant breeding. Speaker focused on various plant breeding techniques by taking wheat, sugarcane, maize as examples. The speaker emphasized on the Importance of Hybrids in the current Indian Agricultural scenario. He described about the major disadvantages of plant breeding and its limitation. Asexual reproduction by means of apomixis and its application. Various other concepts like Parthenogenesis, Apogamy and Polyploidy were illustrated.

A discussion between the students and speaker let to the concept of various methods of plant

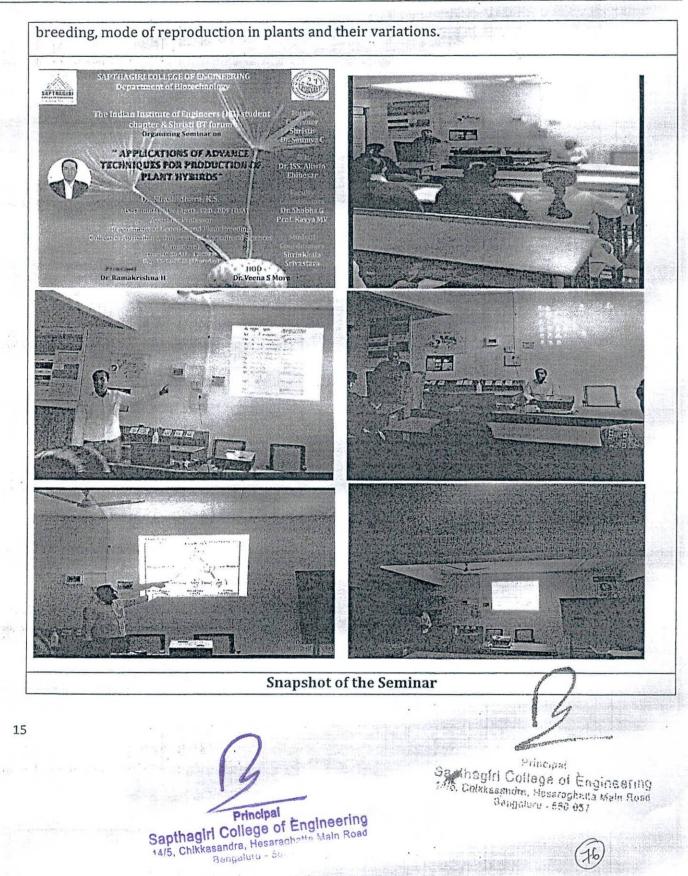
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AY: 2022-2023 2022-EVEN



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AY: 2022-2023 2022-EVEN

## Note: At the end map PO's (with 3/2/1):

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#### Feedback:

Timestamp	Name of the Participant	Email ID	Semest er	The session delivere d the informa tion I expecte d to receive?	The subjec t matter was presen ted effecti vely?	The pace of the lectur e was satisf actor y?	Whether the duration of the lecture was sufficient for the content delivered?	How would the rate the speaker 's domain knowle dge?	Was' the sessio n usefu l and infor mativ e?	Aby other suggesti ns
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12/19/2022 12:47:36	Aishwarya BL	aishwarya0109blya@gmail.com	5	2	2	3	1	2	2	4年
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# Department of Biotechnology

AY: 2022-2023 2022-EVEN

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# **Department of Biotechnology**

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Date of Submission: 21/12/2023

Co-ordinator Signature

CARADICOURSES

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Dept. of Bio-Technin Sapthagiri College of Engineering No. 57/1, Chikkasandra Hesaraghatta Main Road-Bangalore -57



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

#### Ay: 2022-2023 2022-0DD

## DEPARTMENT OF BIOTECHNOLOGY

APPLICATIONS OF ADVANCE TECHNIQUES FOR PRODUCTION OF PLANT HYBIRDS ATTENDANCE Day: 15-12-2022 (Thursday)

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Head of the Department DSignature of HOD hole of Sapthagiri College of Shoreetter No. 57/1, Chikke

Principal No. 57/1, Chikk Stathagiri College of Engineeringtiesaraghatta M 14A, Chikkanandra, Hosmanfalla Main Road Bangalo Statyphone and voz

aghatta M. Hose Principal Bangalo Sapthagiri College of Eng 14/5, Chikkasandra, Hesaraghatta Sangaluru - 560 057



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- set 8. Approved by ACOP 3, Note Cell 5 (Affiliated to Visvosvaraya Techtel egice! University Cartifiad factitution An ISO 90001:2015 and 14091: Aneredited by HAACAT TIMES #14/5, Chikkesandra, Hesaragi a ha Fain Road, Bengaluru- 562 057 Web: www.sapthagiri.edu.in, Ental: <u>arthript@sapthagiri.edu.in</u> Phone:080-28 372800/1/2 Fax: 680-28 372797 DEPARTMENT OF BICTECHNOLOGY

Ay: 2022-2023 2022-ODD

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APPLICATIONS OF ADVANCE TECHNIQUES FOR PRODUCTION OF PLANT HYBIRDS Dey: 15-12-2022 (Thursday) ATTENDANCE

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#### DEPARTMENT OF BIOTECHNOLOGY

Ay: 2022-2023 2022-ODD

APPLICATIONS OF ADVANCE TECHNIQUES FOR PRODUCTION OF PLANT HYBIRDS ATTENDANCE Day: 15-12-2022 (Thursday)

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Av: 2022-2023 2022-0DD

## DEPARTMENT OF BIOTECHNOLOGY

APPLICATIONS OF ADVANCE TECHNIQUES FOR PRODUCTION OF PLANT HYBIRDS ATTENDANCE Day: 15-12-2022 (Thursday)

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Ay: 2022-2023 2022-ODD

## DEPARTMENT OF BIOTECHNOLOGY

APPLICATIONS OF ADVANCE TECHNIQUES FOR PRODUCTION OF PLANT HYBIRDS ATTENDANCE Day: 15-12-2022 (Thursday)

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Sri Srinivasa Educational & Charitable Trust SAPTHAGIRI COLLEGE OF ENGINEERING (Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi) #14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru- 560 057 An ISO 90001:2015 and 14001:2015 Certified Institution Department of Biotechnology

AY: 2022-2023 2023-ODD

*Type of event/activity	Alumini Talk
Name/Title of the Activity/Event	"Programming languages for jobs and Future" Ms. Pooja Singh Ad operations and analyst executive, Genisys Group, Hoodi Village, Whitefield, Thigalarapalya, Krishnarajapura Bangalore-560048
Date of Organization	5 <sup>th</sup> January 2023
Venue (with address)	Department of Biotechnology, Sapthagiri College of Engineering, Bangalore 57
Organized by	Dr. Soumya C - Coordinator
Objectives of the event/activity	Major objective of organizing this seminar was in order to remain relevant in the job market it is important for professionals to learn new coding languages. The most essential skill to learn ontodays scenario
Participants (Please attach list of participants, if it is organized/conducted in the dept.))	70 participants (V & III sem )
Mention organized /participated/attended	Organized

#### **Event Description:**

The objective of organizing this seminar was Major objective of organizing this seminar was in order to remain relevant in the job market it is important for professionals to learn new coding languages. The most essential skill to learn on today's scenario. The talk was delivered by proud alumni student Ms. Pooja Singh, Ad operations and analyst executive, from Genisys Group, Bangalore-560048.

The outcome of the seminar was that students were able to learn career path with coded language. Total of 70 participants registered and participated in the Seminar. The session was started by welcome speech from

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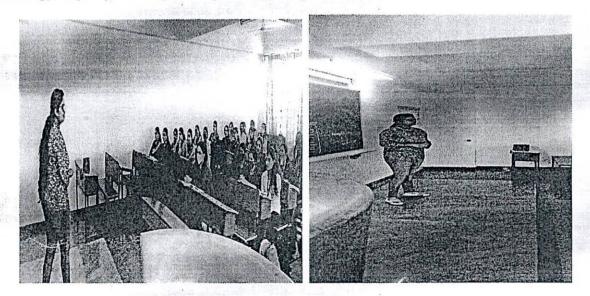
Principal Santhagiri Collage of Engineering 14/5, Chikkasondro, Hosarth Road Head of the Department Dept. of Bio - Technology Sapthagiri College of Engineer No. 57/1, Chik 145 College of Engineer Hesaraghatta Main College and Engineer Bangalore - 57



Sri Srinivasa Educational & Charitable Trust SAPTHAGIRI COLLEGE OF ENGINEERING (Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi) #14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru– 560 057 An ISO 90001:2015 and 14001:2015 Certified Institution Department of Biotechnology

AY: 2022-2023 2023-ODD

Dr. Veena S More, HOD BT and The entire technical session was moderated by Dr Soumya C. Biotechnology, Sapthagiri College of Engineering, Bangalore 57



#### Note:

(i) After every event, please take feedback (online/offline).

(ii) At the end map PO's (with 3/2/1):

PO1	PO2	PO3	P04	PO5	P06	P07	P08	P09	P010	P011	P012
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#### \*Type of activity:

Workshop/seminar/conference/hackathon/hobby project/mini project/ Invited Talk/Guest Lecture/ Skill enhancement program/Cultural activity/competitions etc.,

Date of Submission: 20/01/2023

Co-Ordinator Signature

Signature of the HOMeni Dept. of Bio -Technology Sapthagiri College of Engmeering No. 57/1, Chikkasandra Hesaraghatta Main Road Bangalore -57

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*Type of event/activity	Expert Talk				
Name/Title of the Activity/Event	Entrepreneurship Skills, Attitude And Behavior Development				
Date of Organization	23 <sup>rd</sup> Feb 2023				
Venue (with address)	Seminar hall				
Resource Person	Dr Shruthi S D Founder & Scientist Bioedge Solutions Peenya Industrial area ,Bangalore, Karanataka				
Objectives of the event/activity	Leadership, business management, time management, creative thinking and problem-solving skill development				
Participants	BT Students				
Organized By	Dr Soumya C/Dr Shobha G Assistant Professor, Biotechnology Department				
Total number of Students Attended	43				

#### **Event Description:**

Signature of Faculty Convener

Workshop on Entrepreneurship Skill, Attitude & Behavior Development

The Department of Biotechnology in association with Institute's Innovation Council of SCE organized a workshop on "Entrepreneurship Skill, Attitude & Behavior Development" on 23/02/2023. The guest speaker of the event was Professor Dr. Shruthi, Founder and Scientist, Bioedge solutions, Bangalore. She is an educator, a trainer, a resource faculty, a motivator, is a highly motivated professional with experience in Learning and development, Process building with training small and large groups across diverse industries, academic institutions & training centers. Proven success in leveraging educational theories and methodologies to design, develop, and deliver successful training programs.

This workshop aimed to spark the entrepreneurial spirit in the budding innovators by guiding them on

Head of the Department Dept. of Blo -Technology Sanhagiri Collega ai Éguin. No. 57/1, Chikkasandra 14/5, Chikkasandra, Hasaraghalia Minopingaraghalia Main Road Bengalory : 600 657 - Done Bangalore - 57 Sapthagiri College of Engineering

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how to convert their Innovative Ideas and emerge as successful Entrepreneurs. Becoming an entrepreneur is an important career decision, and to plunge into this domain requires the right skill set, attitude, and behaviour.

The speaker highlighted some of the key characteristics of an entrepreneur, which are:

1 Empathy is instilled through entrepreneurial ideals and related "ways of thinking, doing, feeling, seeing, communicating, organizing, and learning things."

2 Development of strategic thinking and scenario planning skills, as well as the ability to make intuitive decisions based on little knowledge.

3 Stimulating a variety of entrepreneurial behaviours such as seeking for and seizing opportunities, networking, taking initiative, convincing others, and making intuitive decisions. This necessitates a diverse set of pedagogical tools.

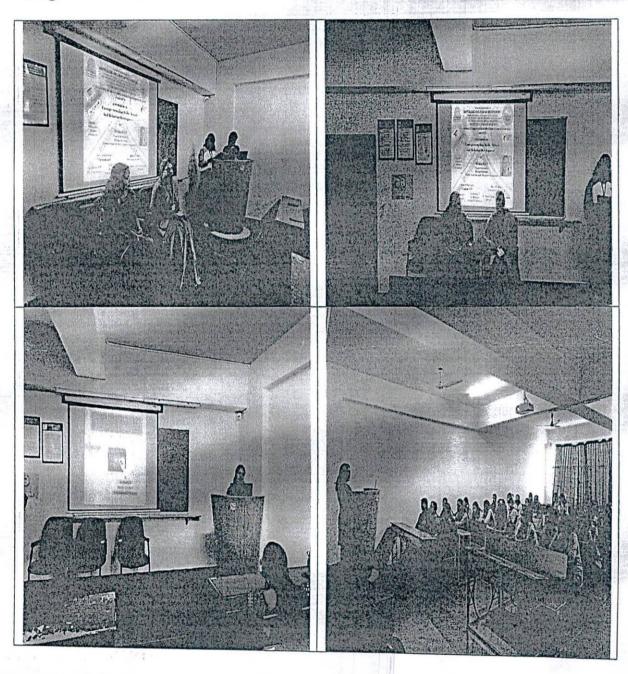
**Brochure of Webinar:** 

Sh Shineyees Educational's Chantable Liture SAPTHAGIRI COLLEGE OF ENGINEERING Affiliated to VTU, Betagavi, and Recognized by AICTE, New Dejnt (ISO 9001-2015, and ISO, 14001-2015, cantiled, NAAC accrected/with A Grace) 14-5, Chikkasandra, Hesaraghata, Main Road, Bengalyad-560057 THACIRI DEPARTMENT OF BIOTECHNOLOGY The Institute of Engineers (India) Student Chapter & Institution innovation Thursday Council.SCE A Workshop on N 11.00 XM Entrepreneurship Skills, Attitude And Behavior Development Bv Srinidhi V Vaidurva K Dr Sandes D Student Founder & Scientist Coordinator Bioedge Solutions Peenya Industrial area , Bangalore, Karanataka Shri. G D Manoj Shri. G Dayanand Chirman ,SCE Executive Director, SCE Dr Soumya C Dr. Chaitra B S Dr. Veena S More Dr.H Ramakrishna Dr Shobha G IEI Convener HOD,BT Principal Faculty Coordinator Signature of Faculty Convener Signature of HOD Head of the Department Sasthagiri Collége of Engineering Dept. of Blo-Technology "\*/\* Chikkasandra, Hestola Beat Sapthagiri College of Eugrovering incipal Sapthagirl College of Engineering No. 57/1, Chikkasandra Hesaraghatta Main Rosc 14/5, Chikkasandra, Hesaraghatta Main Read Gangalore - 57 Bengaluru - 560 057



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#### Images of the Event:



Signature of Faculty Convener

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### DEPARTMENT OF BIOTECHNOLOGY

#### Note:

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\*Type of activity:

Workshop/seminar/conference/hackathon/hobby project/mini project/ Invited Talk/Guest Lecture/ Skill enhancement program/Cultural activity/competitions etc.,

**Faculty Incharge** 

1. Dr. Soumya C 2. Dr. Shobha G

Date of Submission: 25-02-2023

Signature of HOD, BT

Signature of Faculty Convener

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Signature of HOD Head of the Department Dept. of Bio -Technology Sapihagiri College of Engineering No. 57/1, Chikkasandra Hesaraghatla Main Road Bangalore -57

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#### SAPTHAGIRI COLLEGE OF ENGINEERING, BENGALURU-57 (Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi) #14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru- 560 057 An ISO 9001:2015 and 14001:2015 Certified Institution Accredited by NAAC -A GRADE DEPARTMENT OF BIOTECHNOLOGY

*Type of event/activity	Alumini talk
Name/Title of the Activity/Event	Skill Set and Career Opportunity in Biotech Industry
Speaker Information	Ms. Debika Chakrabarty, Research Associate, Phyx44 Labs Private Ltd.
Date of Organization	01- April- 2023
Venue (with address)	Department of Biotechnology (SCE)
Organized by	Faculty coordinator: Dr. Shobha G and Dr. Chaitra B S
Participants	45 participants
Mention organized /participated/attended	Organized

#### **Event Description:**

The objective of organizing this Alumini talk was in order to remain relevant in the job market it is important for professionals to learn new skill set for the current industry exposure. The talk was delivered by proud alumni student Ms. Debika Chakrabarty, Research Associate, Phyx44 Labs Private Ltd.

The outcome of the seminar was that students were able to learn career path with coded language. Total of 50+ participants participated in the Talk. The session was started by welcome speech from Dr. Veena S More, HOD BT and The entire technical session was moderated by Dr. Shobha G and Dr. Chaitra B S. Dept of Biotechnology, Sapthagiri College of Engineering, Bangalore 57

Brochure Signatu of Facul vener

Head signature of Hop Dept. of Bio - Technology Sapthagiri College of Engineering No. 57/1, Chikkesandra Hesaraghetta Main Road Bangalore - 57

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SAPTHAGIRI COLLEGE OF ENGINEERING, BENGALURU-57 (Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi) #14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru- 560 057 An ISO 9001:2015 and 14001:2015 Certified Institution Accredited by NAAC -A GRADE DEPARTMENT OF BIOTECHNOLOGY

Sri Srinivasa Educational & Charitable Trust SAPTHAGIRI COLLEGE OF ENGINEERING (Affiliated to VTU, Belagavi, and Recognized by AICTE, New Delhi) SAPTHAGIRI (ISO: 9001-2015 and ISO: 14001-2015 certified, NAAC accredited with A Grade) 14/5, Chikkasandra, Hesarashatta Main Road, Bengaluru-560057 DEPARTMENT OF BIOTECHNOLOGY The Institute of Engineers (India) Student Chapter Amount Coordinator Alumni Talk AUT Dr. Soumya C on **Skill Set and Career opportunity** IEI: Dr. Chaitra BS in Biotech Industry 2023 Saturday By Faculty Ms Debika Chakrabartv Coordinators Dr. Shobha G Research Associate Dr Chaitra BS Phyx44Labs Private Limited Bangalore Time:10:30 AM - 12:00PM Student Day: 01-04-2023 (Saturday) Coordinators Dr. Veena S More Dr.H Ramakrishna K. Narahari Principal HOD,BT Gayatri.S

Images of the Event:

Signature of Facuit Convener

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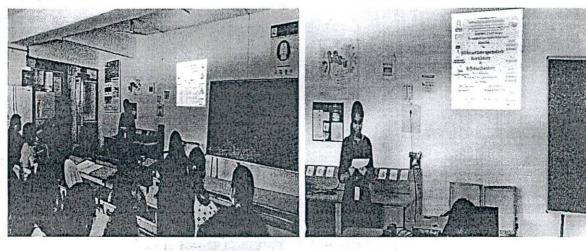
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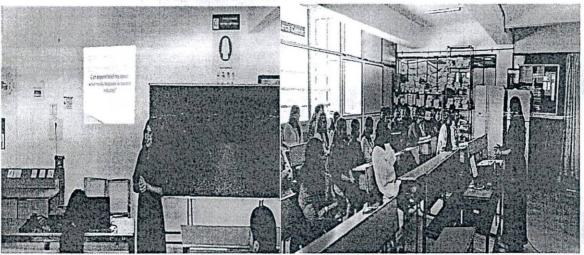
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Faculty Incharge 1. Dr Shobha G 2. Dr. Chaitra B S

Date of Submission: 05-04-2023

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Head of the Department Bangalore-57 (93)

HOD, BT



## Sri Srinivasa Educational & Charitable Trust SAPTHAGIRI COLLEGE OF ENGINEERING (Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delk #14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru- 560 057 An ISO 90001:2015 and 14001:2015 Certified Institution Accredited by NAAC -A GRADE Department of Biotechnology (May-2023)

AY: 2022-2023 2022- EVEN

*Type of event/activity	Expert Talk				
Name/Title of the Activity/Event	Downstream processing involved in biotechnology industry				
Speaker Information	Ms. Debika Chakrabarty, Research Associate, Phyx44 Labs Private Ltd.				
Date of Organization	06- May- 2023				
Venue (with address)	Department of Biotechnology (SCE)				
Organized by	Faculty coordinator: Dr. Shobha G and Dr. Chaitra B S				
Participants	56 participants				
Mention organized /participated/attended	Organized				
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## Event Description:

The objective of organizing this Alumini talk was in order to remain relevant in the job market it is important for professionals to learn new skill set for the current industry exposure. The talk was delivered by prou alumni student Ms. Debika Chakrabarty, Research Associate, Phyx44 Labs Private Ltd.

The outcome of the seminar was that students were able to learn Downstream processing involved is biotechnology industry. Total of 50+ participants participated in the Talk. The session was started by welcome speech from Dr. Veena S More, HOD BT and The entire technical session was moderated by D Shobha G and Dr. Chaitra B S. Dept of Biotechnology, Sapthagiri College of Engineering, Bangalore 57

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#### **Brochure:**

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# SAPTHAGIRI COLLEGE OF ENGINEERING Department of Biotechnology

The Indian Institute of Engineers (IEI) student chapter

Sri Srinivasa Educational & Charitable Trust SAPTHAGIRI COLLEGE OF ENGINEERING (Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)

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Department of Biotechnology (May-2023)

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

**Organizing Seminar on** 

Downstream Processing involved in Biotechnology Industry"

## Ms Debika Chakrabarty

Research Associate Phyx44Labs Private Limited Bangalore Time:10:30 AM - 12:00PM

Day: 06-May-2023 (Saturday)

Forum

Convener Masii.

Dr. Soumya C

IEI: Dr. Chaitra BS

Faculty Coordinators Dr. Shobha G Dr Chaitra BS

Student Coordinators Viba samartha Tanukumar C

HOD Dr. Veena S More

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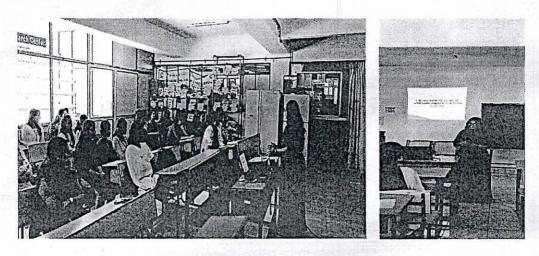
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AY: 2022-2023 2022- EVEN

#### Images of the Event:



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Department of Biotechnology (May-2023)

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

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Faculty Incharge

1. Dr Shobha G

2. Dr. Chaitra B S

Date of Submission: 09-05-2023

HOD, BT 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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AY: 2022-2023 2022- EVEN

THE BALL

Type of event/activity	Alumni Talk
Name/Title of the Activity/Event	Talk on "A Look in to Catastrophe at Kodagu- IMPACT"
Speaker	Mr. Kaushik P M Project Assistant Department of CES Indian Institute of Science, Bangalore
Date of Organization	11/05/2023
Venue (with address)	Seminar Hall, Sapthagiri College of Engineering
Organized by	Program Co-ordinator: Dr. Soumya C
Objectives of the event/activity	<ul> <li>Environmental sustainability</li> <li>Impact of Land sliding</li> <li>Effect of tourism</li> </ul>
Participants (Please attach list of participants, if it is organized/conducted in the dept.)	• 40+ participants
Mention organized	• Organized



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AY: 2022-2023 2022- EVEN

#### **Event Description:**

The Department of Biotechnology conducted a alumni talk for Students under the banner of Th Institution of Engineers (India), NDLI (National Digital Library of India), Student chapter an Shrishti BT forum on 11th May 2023 from 10.30AM- 11.30AM. Talk was delivered by Mr. Koushik M, Project Assistant Department of CES,Indian Institute of Science, Bangalore.

The main aim of arranging the seminar is to give all the students an idea about the general view about highlights the loss, causes and the methods for conservation of biodiversity with the help of biotechnology. Kodagu is rich place of biodiversity with numerous endemic flora including 436 tree species and fauna diversity including 800 species and known for heavy rain with an average annual rainfall of 2903 mm August 2018, 2019 and 2020 rain disaster resulted in flash floods and mudslides across Kodagu, wher massive destruction and loss of biodiversity occurred. Biodiversity hotspot Kodagu had lost numerous indigenous species owing to human intervention such as deforestation, industrialization and urbanizatio along with natural calamities. Biotechnology plays crucial role in ex-situ conservation with in-vitr culture techniques. Plant tissue culture is commonly used method for regeneration of various plant species that are endemic, endangered, threatened and rare. The Event was organized by Dr. Soumya C, Assistan professors, Dept of Biotechnology, SCE, Bangalore-57

Note: At the end map PO's (with 3/2/1):

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DEPARTMENT OF BIOTECHNOLOGY

## The Institute of Engineers (India) Student Chapter & Shristi BT Forum

Alumni Talk on

## A Look in to Catastrophe at Kodagu- IMPACT



2023, Thursday

Dr.Chaitra B S IEI Convener

Dr Soumya C Faculty Coordinator By Mr. Kaushik P M Project Assistant Department of CES Indian Institute of Science, Bangalore



Shri. G Dayanand Chirman ,SCE

Dr. Veena S More

HOD,BT

Shri. G D Manoj Executive Director ,SCE

Dr.H Ramakrishna Principal

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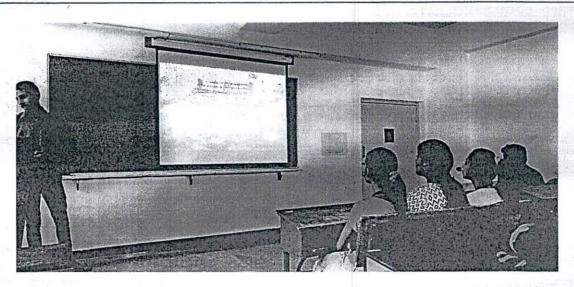
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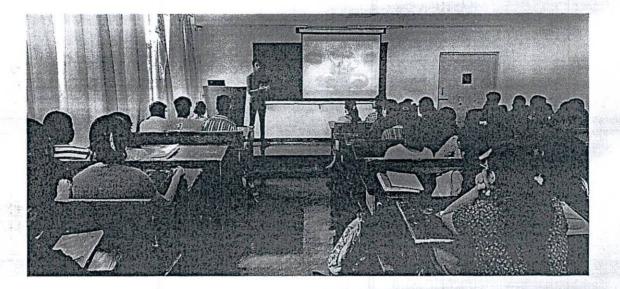


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Faculty Co ordinators:

Dr. Soumya C

Date of Submission: 16-05-2023

Signature of the HOD,BT Head of the Department 9 Dept. of Bio -Technology Sapthaglri College of Engineering No. 57/1, Chikkasandra Hesaraghatta Main Road Bangalore -57

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Type of event/activity	Group Discussion			
Name/Title of the Activity/Event	"World Youth skills day: Transforming youth skills for the future"			
Date of Organization	15 <sup>th</sup> JULY 2023			
VenueBiotechnology Department(with address)Sapthagiri College of Engineering				
Organized by	<b>Department of Biotechnology</b> Faculty Co-ordinators: Dr. Chaitra B S			
Objectives of the event/activity	To Encourage students for inculcating their skills and mindset to focus on futuristic problem solving ability. To Develop their communication skills			
Participants (Please attach list of participants, if it is organized/conducted in the dept.)	• 30+ participants			
Mention organized /participated/attended	Organized			

#### **Event Description:**

The Department of Biotechnology conducted a Group discussion for 4<sup>th</sup> Semester Students under the banner of The Institution of Engineers(India) Student chapter and Shrishti BT forum, on account of "World Youth skills day: Transforming youth skills for the future", on 15<sup>th</sup> JULY 2023 at 11:50 am to 12:50pm. The motive of the Group discussion was to Encourage and motivate a student to come up with ideas, participate in a group, express an opinion, and solve a problem by discussion with peers and Provide opportunities to interact with each other and gain knowledge from each other which helps them to Increase confidence to speak without any hesitation and share their views and opinions freely. The session was successfully coordinated by Dr. Chaitra B S.



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AY: 2022-2023 2022- EVEN

Brochure:



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The Indian Institute of Engineers (IEI) student chapter & Shristi BT forum

Organising

**Group** Discussion

PROGRAM CO-ORDINATOR

Dr. Chaitra B S

On the occasion of

World Youth skills day (15/07/2023)



CHIEF PATRONS

Sri. Dayananda G Chairman, SCE

Sri. G D Manoj Managing Director, SCE

Dr. Ramakrishna H Principal

Dr. Veena S More HOD

Dr. Soumya C Shristi Convener

Dr. Chaitra B S IEI Convenor

Event Date and Time Date : 15/ 07/ 2023 Timings : 11: 50 am



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

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Sri Srinivasa Educational & Charitable Trust SAPTHAGIRI COLLEGE OF ENGINEERING (Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi) #14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru- 560 057 An ISO 90001:2015 and 14001:2015 Certified Institution Accredited by NAAC -A GRADE Department of Biotechnology (July-2023)

#### Images of the Event:



Note: At the end map PO's (with 3/2/1):

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Faculty Incharge

1. Dr. Chaitra B S

Date of Submission: 18-07-2023

HOD, BT Head of the Department Dept. of Bie - Technology Septhagiri Collage of Engineering No. 57/1, Chikkasandra Hesaraghatta Main Road Sangalore - 57

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



SAPTHAGIRI COLLEGE OF ENGINEERING, BENGALURU-57

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New De #14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru- 560 057 An ISO 90001:2015 and 14001:2015 Certified Institution Accredited by NAAC -A GRADE

## DEPARTMENT OF BIOTECHNOLOGY

## A Report on "CAREERS IN BIOTECHNOLOGY"

Type of event/activity	Webinar		
Name/Title of the Activity/Event	"CAREERS IN BIOTECHNOLOGY"		
Date of Organization	13 <sup>th</sup> JULY 2023		
VenueALH-208, Academic Block(with address)Sapthagiri College of Engineering			
Organized by	Department of Biotechnology Faculty Co-ordinators: Prof Kavya M V Dr. Soumya C		
Objectives of the event/activity	To guide the students regarding Pathways available for Careers in Biotechnology.		
Participants (Please attach list of participants, if it is organized/conducted in the dept.))	• 60+ participants		
Mention organized /participated/attended	• Organized		

Signature of Faculty Coordinator

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

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Head of the Department Dept. of grature of HODgy Saphagiri College of Engineering No. 57/1, Chikkasandra Hesaraghatta Main Road Bangelore -57



SAPTHAGIRI COLLEGE OF ENGINEERING, BENGALURU-57 (Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Del #14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru– 560 057

An ISO 90001:2015 and 14001:2015 Certified Institution

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#### DEPARTMENT OF BIOTECHNOLOGY

A Report on "CAREERS IN BIOTECHNOLOGY"

## **Event Description:**

A. Strather

The Department of Biotechnology conducted a webinar for 4<sup>th</sup>, 6<sup>th</sup>, Semester Students under the banner of The Institution of Engineers(India) Student chapter and Shrishti BT forum, on "CAREERS IN BIOTECHNOLOGY", 13<sup>th</sup> JULY 2023at 11:00 AM to12:00 PM. The session was addressed by Mrs. Akshatha M(Ex GENPACT; S R DATA SCIENTIST),Mr. Prashant M(Project Manager; JUZZ-IT),Mr. Karthik DV(JUZZ-IT).

The motive of the webinar was to provide information regarding importance of Careers in Biotechnology and paths available to achieve the goal. The speaker who is a proud Alumni of Biotechnology department spoke about different Career opportunities available world wide and the probable changes that may happen in future to choose the suitable platform by focusing on gathering the right information about the opportunities. Furthermore, the talk also highlighted academic requirements, Technical skills and Exposure to work field that the firms expect and how to gain access to their chosen firm. The Seminar was successfully coordinated by Prof. Kavya M.V, & Dr. Soumya C.

Signature of Faculty Coordinator

Principal Sapthagiri College of Engineering 14/5, Chikkasandra, Hesaraghatta Main Road Bengaluru - 560 057 Head of Ne Department Dept, SignatuFe of Holp 99 Sapthagiri College of Engineering No. 57/1, Chikkasandra Hesaraghatta Main Road Bangalora -57

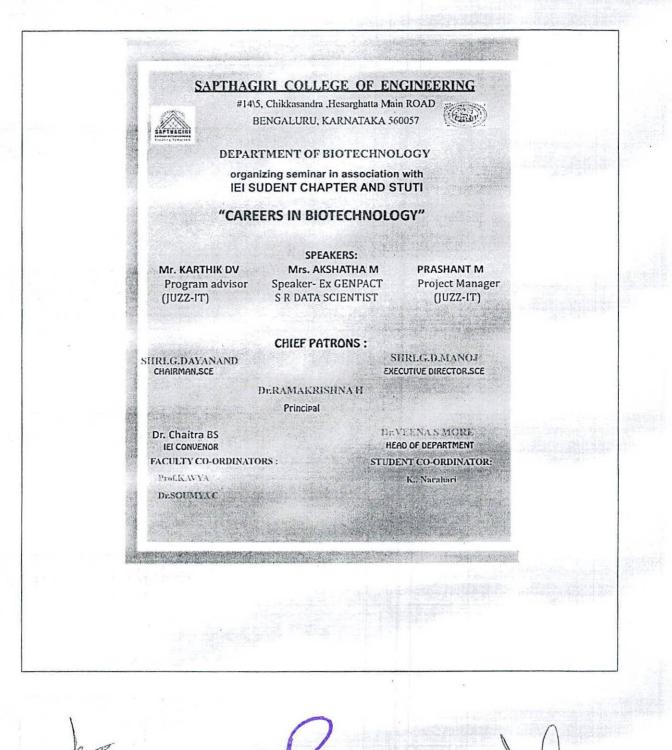


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#### DEPARTMENT OF BIOTECHNOLOGY

## A Report on "CAREERS IN BIOTECHNOLOGY"



Signature of Faculty Coordinator

Sapthagirl College of Engineering Principal 14/5, Chikkasandra, Hesaraghatte Main Road Bengaluru - 560 057

Head Signature of Hopt ment Dept. of Bio -Technology Sapthagiri College of Engineering No. 57/1, Chikkasandra Hesaraghatta Main Road Bangalora -57



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## DEPARTMENT OF BIOTECHNOLOGY

A Report on "CAREERS IN BIOTECHNOLOGY"





Signature of Faculty Coordinator

Principal Sapthagiri College of Engineering 14/5, Chikkasandra, Hesaraghatta Main Road Bengaluru - Fr Head o Signature of HODnent Dept. of Bio-Technology Sapthagiri College of Engineering No. 57/1, Chikkasandra Kasaraghatta Main Road E-chalore -5"



 $[h] = \{a_{1,2}^{n}, a_{2,3}^{n}, a_{3,3}^{n}, a_{3,3}^{n}, b_{3,3}^{n}, b_{3,3}^{$ 

SAPTHAGIRI COLLEGE OF ENGINEERING, BENGALURU-57 (Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi) #14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru- 560 057 An ISO 90001:2015 and 14001:2015 Certified Institution Accredited by NAAC -A GRADE DEPARTMENT OF BIOTECHNOLOGY

## A Report on "CAREERS IN BIOTECHNOLOGY"





10 Signature of Faculty Coordinator

Head A the Bepartment Designature of H9Dhnology Sapthagiri College of Engineering No. 57/1, Chikkasandra Hesaraghatta Main Road Bangalore - 57

Principal Sapthagirl College of Engineering 14/5, Chikkasan San Julian Road



SAPTHAGIRI COLLEGE OF ENGINEERING, BENGALURU-57

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# DEPARTMENT OF BIOTECHNOLOGY

A Report on "CAREERS IN BIOTECHNOLOGY"





Signature of Faculty Coordinator

Principal Sapthagiri College of Engineering Sapthagiri College of Engineering 14/5. Chikkasandra, Hass. Man Ruad Johulu - Soe voi

Head osignature of Homent Dept. of Bio -Technology No. 57/1, Chikkasandra Hesaraghatta Main Road Aengalore -57

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## SAPTHAGIRI COLLEGE OF ENGINEERING

A UNIT OF SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi.) (Accredited by NAAC with "A" Grade) (Accredited by NBA for ECE, CSE, ISE, ME & EEE) (An ISO 9001 – 2015 & ISO 14001 – 2015 Certified Institution) #14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru– 560 057. Phone:080 – 28372800 DEPARTMENT OF BIOTECHNOLOGY

## Industrial /Field/ Exhibition Visits Organized (2022-2023)

SL. No	Date of Visit	Name of Organization	Semester	Number of Students
1	23/08/2023	Indian Institute of Horticultural Research, ICAR, Bengaluru -73	4 <sup>th</sup>	46
2	16/05/2023	Visit to Patent Cell, IISc, Bangalore	6 <sup>th</sup>	58
3	15/02/2023	Jindal Nature Care Institute	3 <sup>rd</sup>	46
4	21/12/2023	Forensic Museum, Sapthagiri Institute of Medical Sciences	7 <sup>th</sup>	100+
5	16/12/2023	Gangagen Biotechnologies Pvt. Ltd.	7 <sup>th</sup>	24
6	5/11/2022	GKVK "Krishi Mela 2022"	7 <sup>th</sup> & 5 <sup>th</sup>	53

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

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



#### Sri Srinivasa Educational & Charitable Trust SAPTHAGIRI COLLEGE OF ENGINEERING (Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi) #14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru- 560 057 An ISO 90001:2015 and 14001:2015 Certified Institution Accredited by NAAC -A GRADE Department of Biotechnology (August- 2023)

Type of event/activity	Industrial Visit				
Name/Title of the Activity/Event	Industrial Visit				
Date of Organization	23/08/2023 (Wednesday)				
Venue (with address)	Indian Institute of Horticultural Research ,ICAR ,Bengaluru, Karnataka 560073				
Organized by Faculty Co-ordinator: Dr. Gouri Mirji and Dr Chaitra B S					
Objectives of the event/activity	Bridge the gap between theory and Practical Techniques of tissue culture				
Participants (Please attach list of participants, if it is organized/conducted in the dept.))	• 42 participants				
Mention organized /participated/attended	Organized				

The Institute was the first Horticultural Research Institute in the country established by the Indian Council of Agriculture Research on September 5, 1967 at the ICAR Head quarters, New Delhi. The institute has been identified as a Center of Excellency for Research in Biotechnology. State of art facilities in terms of equipments and infrastructures like Automated DNA sequences, Gene gun, Gel documentation unit, Thermal cycler, Ultra centrifuge, Micro-propagation facilities, Isolation chambers, etc are available to carry out research.

The Department of Biotechnology organized Industrial Visit for fourth semester students to Indian Institute of Horticultural Research, ICAR, Bengaluru, Karnataka on 23/08/2023 (Wednesday)at 09.30am to 1:00pm.

Students were able to study tissue culture media preparation, callus induction techniques. Tissue culture laboratory set up, maintaining aseptic conditions were explained by the experts. A discussion was arranged at the end of the visit to clarify the doubts. The student interact with the research associates to clarify their doubts

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*Type of event/activity	Visit to Patent facilitation centre
Name/Title of the Activity/Event	Visit to Patent Cell,IISc,Bangalore
Date of Organization	May 16 <sup>th</sup> 2023
Venue (with address)	IISc, Bangalore
Resource Person	Dr. U T Vijay Executive Secretary
	Patent Cell, Karnataka State Council For Science and Technology, Bangalore
Objectives of the event/activity	<ul> <li>Strike Early By Prioritizing Patents.</li> <li>Know What Can Be Patented.</li> <li>Conduct a Thorough Patent Search.</li> <li>Choose the Type of Patent Protection.</li> <li>Skillfully Draft Your Patent Application</li> </ul>
Participants (Please attach list of participants, if it is organized/conducted in the dept.)	6 <sup>th</sup> Sem BT Students
Organized By	Dr Soumya C, Assistant Professor, Biotechnology Department, Sapthagiri College of Engineering, Bangalore 560057

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

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#### **Event Description:**

A Visit was conducted to with theme of Protecting Your Intellectual Property. The theme is to h about Patent, Patent is a legal document granted by the government giving an inventor the exclusi to make, use, and sell an invention for a specified number of years. Patents are also availa significant improvements on previously invented items for all the Students of Departm Biotechnology, Sapthagiri College of Engineering, Bangalore on 16<sup>h</sup> May 2023. The following topi discussed in the sessions:-

- Patentability of Biotechnological
- Patent can issued to Utility, Design, Plan and Provision
- Patent Filing
- Patent offices

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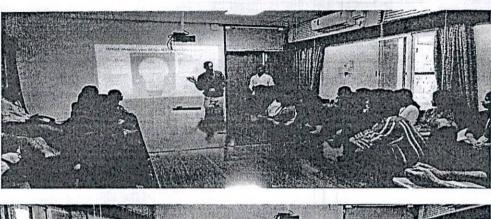


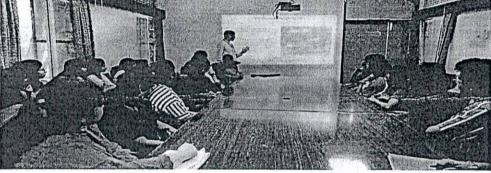
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Note:

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\*Type of activity: Workshop/seminar/conference/hackathon/hobby project/mini project/ In Talk/Guest Lecture/ Skill enhancement program/Cultural activity/competitions/etc.,

Program Coordinators:

Date of Submission: 30-05-2023

Signature of the HOD Head of the Departme Dept. of Bio -Technology Sapthagiri College of Engineeri No. 57/1, Chikkasandra Hesaraghatta.Ma. Hoar Bangalore diff

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

14-02-2023

From:

Dr. Veena S. More,

Dept. of Biotechnology,

SCE, Bengaluru-57.

To:

The Principal,

SCE, Bengaluru-57

Sub: Permission to visit Jindal Nature Cure Institute, Bengatura for 3rd Semester students on 15-02-2023 and to provide the Bus facility from the College.

Respected Sir,

With respect to the above subject, kindly permit to visit Jindal Nature Cure Institute, Bengaluru for 3rd semester students on 15-02-2023 and to provide the Bus facility from the College. Students are supposed to be there in the Jindal Nature Cure Institute campus by 10.00 a.m. Kindly do the needful.

Permission letter enclosed.

No of students: 46

Faculty Incharge: 2

Mr. Grouri Mirje Coordinator

14/2/23 Principal

Sapthagirl College of Engineering 14/5, Chikkasandra, Hesaraghatla Main Road Panosta u - 567 107

Yours faithfully,

(Dr.Veena S. More) 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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SAPTHAGIRI COLLEGE OF ENGINEERING, BENGALURU-57 (Affiliated to VTU, Belagavi & Approved by AICTE, New Delhi) #14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru– 560 057 An ISO 90001:2015 and 14001:2015 Certified Institution Accredited by NAAC -A GRADE

AY 2022-23 ODD

#### DEPARTMENT OF BIOTECHNOLOGY

Date 15-02-2023

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## List of III semester Students-Industrial Visit to "Jindal Nature Cure Institute, Bengaluru"

Sl No.	Name	USN	Signature	
1	AISHWARYA LOMTE	1SG218T001	Aschices	Asshwarge
2	AKASH V DESAI	1SG213T002	AKONY	ARE U
3	AKSHITHA S	1SG21DT003	Sechith	Auto
4	ANJANA G	1SG21BTC04	1/1	- 1-1-2.
5	ANUSHA H P	1SG21BT005	Enuska H	> fincestaty -
6	ANUSHA N RAJU	1SG21BT006	J. JON &	bale rutes
7	BINDHUSHREE A	1SG21BT007	BudinA	Biuline.H
8	CHAITRA P	1SG21BT008	1 martin	Col
9	DARSHAN P	ISG21BT009		
10	DEEKSHITH GOWDA	1SG218T010	02	RA
11	DEEPTHI M	ISG21HTCLI	-Dullhill-	Or pland
12	G PALLAVI	1SG215T012		Dabadd
13	GUNASHREE S	1SG21BT013		13 d
14	HEMANTH KUMAR D	1SG2:BT014	Gebigendih.	Wingert -
15	HEMANTH KUMAR T	1SG21ET015		
16	JANAVI R	1SG21BT016	Janaut	saver
17	KAVANA K O	1SG21BT017	Kowana-K	S Kavmen. K. O
18	KRISHNA TEJA	1SG21BT018		Kinst
19	LAKSHMINARASIMHA C	1SG21BT019	LNG	BAR_
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22	MADHURA H K	18G2107022	Math	Martin
23	MANJESH GOWDA NK	1SG210T023	Chargeth	( advies with
24	NANDAN R BARADE	1SG210T024	Nandala	Wandard
25	NANDINI S	1SG21ET025	Noude	Natio
26	NAVANISH SAI VIKRAM	1SG21BT026	Was	Nied
27	NIKHITHA SARIKA GOWDA M S	1SG21BT027		
28	POOJASHREE S J	1SG21BT028	Spre at	a forten
29	PUNITH N	1SG213T029	1 441	
30	R ANITHA	18G21ET030	PAnitha	PANitha
31	ROHAN S ANDEWADI	18G21BTG31	1	
32	SANJANA L	18G21BT032	Caujes	Barrie
33	SHARATH N	1SG2187033		f.
34	SHILPA EJ	1SG21/3T034	Gilper F.	Grilpa Fill
35	SHRINIDHI V	180211-035	Spinidh	IV. Skiller

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#### AY 2022-23 ODD

#### DEPARTMENT OF BIOTECHNOLOGY

SI No.	Name	USN	Signature	Anda
36	SINCHANA D	1SG21BT036	Sinchangel	Silchaula
37	SINDHU VM	1SG21BT037	Suns	Sins
38	SRINIVASAN R	1SG21BT038	Vuner	Juy mgle
39	SUSANNA CATHERINE F	1SG21BT039	ald	46-
40	SWATHI M P	1SG21BT040	Sugathy_	Reverthe
41	VAIDURYA KEERTHI	1SG21BT041	Vaudurgat-	Waidrarego,
42	VARADHAJITH M	1SG21BT042	Wasselly,	Weved
43	VARSHA M	1SG21BT043	Valo D-	Narst an.
44	VARSHINI R PRASAD	1SG21BT044	Var 90	Ward
45	VIJAY KUMAR H M	1SG21BT045		1 1 1
46	VISMAYA L	1SG21BT046	Vitation	affra .

Faculty Coordinator

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

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

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2/21/2023 13:32:1	7 Sanjana L	1SG21BT032		5	5	5	
2/21/2023 13:32:3	9 Kavana K O	1SG21BT017		4	4	4	
2/21/2023 13:38:24	A Nandini S	1sg21bt025		4	4	4	
2/21/2023 13:43:0	4 Vismaya L	1SG21BT046	1	4	4	4	
2/21/2023 14:01:14	Varshini R Prasad	1SG21BT044		5	5	5.	
2/21/2023 16:18:4	5 Varsha M	1SG21BT043		5	5	5	
2/21/2023 16:48:14	4 Deepthi M	1SG21BT011	8	5	4	4	
2/21/2023 20:00:5	Janavi R	1SG21BT016		5	5	. 5	
2/21/2023 23:04:4	5 Leonder Raffael Cleme	nt 1SG21BT021		5	5	5	
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2/21/2023 23:22:30	) Anjana g	1SG21BT004		5	4	5	
2/21/2023 23:42:00	Shilpa EJ	1SG21BT034		5	5	5	
2/22/2023 3:22:39	Akshitha S	1SG21BT003	the second s	4	1	4	S.A.S.S.
2/22/2023 5:54:25	Navanish sai vikram	1SG21BT026		5	5	5 .	
2/22/2023 6:09:37	Srinivasan R	1SG21BT038	•	5 .	5	5	
2/22/2023 6:13:30	Lakshminarasimha C	1SG218T019		5	÷ 5	5	
2/22/2023 7:25:03	Gunashree S	1SG21BT013		5	5	5	
2/22/2023 7:50:14	Vaidurya Keerthi	1SG21BT041		4	5	4	
2/22/2023 14:11:19	Nandan R Barade	1SG21BT024		5	5	5	1

US: coordinator.

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

Head of HobD gpartment Dept. of Blo - Technology Sapthagiri College of Engineering No. 57/1, Chikkasandra Hesaraghatta Main Road Bangelore -57



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Type of event/activity	Industrial Visit
Name/Title of the Activity/Event	Industrial Visit
Date of Organization	15/02/2023 (Wednesday)
Venue (with address)	Jindal Nature Care Institute, Tumkur Main Road, JNI Rd, Jindal Nagar, Maruti Layout, Aanchepalya Village, Bengaluru, Karnataka 560073
Organized by	Faculty Co-ordinator: Dr. Gouri Mirji and Prof Kavya M V
Objectives of the event/activity	Bridge the gap between theory and Practical Techniques of organic farming, sewage treatment process
Participants (Please attach list of participants, if it is organized/conducted in the dept.))	38 participants
Mention organized /participated/attended	Organized
Event Description:	

Jindal Nature Cure Institute is a leading naturopathy hospital which has been established for prevention and cure of chronic diseases through detoxification of the body and modification of lifestyle, with a holistic approach. Jindal Nature cure Institute has pioneered in modern drugless healthcare in India.

The Department of Biotechnology organized Industrial Visit for third semester students to Jindal Nature Cure Institute On 15/02/2023 at 10.00am to 1:00pm.

Mr Sridhar Hegde, Water Treatment Plant incharge explained about RO unit of the institute. The complete information of working of RO unit and water supply to different sections of institute was given.Later the students were allowed to observe sewage treatment unit .Different processes such as Filtration, aeration, sedimentation units were explained. Lastly collection and drying sludge and its usage as manure was shown to students.

Principal

Signature of Faculty Convener

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

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Mr Bhopal Gowda, Vermicompost section incharge gave detailed explanation about production of vermicompost. Steps in the production of vermicompost such as Collection of organic waste in the pits, addition of earth worms, maintenance of temperature and regular aeration was explained in detail to the students.

Dr Vindhya, Health Meuseum incharge explained different systems of our body with the models. Students gained knowledge of different yogasanas and their benefits. Naturopathy treatments for curing diseases were explained such as steam bath, shirodhara, mud bath.

A discussion was arranged at the end of the visit to clarify the doubts. The student interact with the research associates to clarify their doubts

Signature of Faculty Convener

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

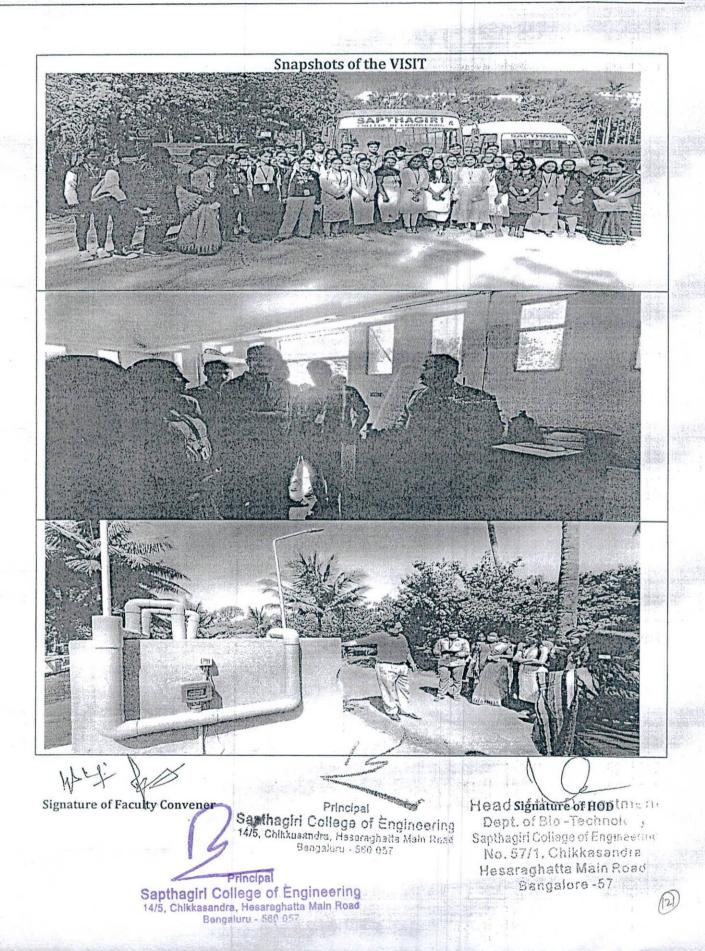
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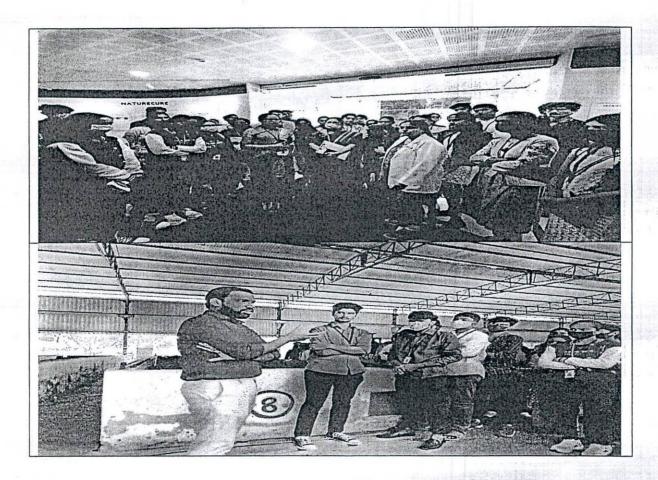
2022- ODD

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Note: At the end map PO's (with 3/2/1):

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#### **Faculty Incharge**

1. Dr. Gouri Mirji

2. Prof. Kavya M V

Date of Submission: 20-02-2023

Signature of Faculty Convener

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122

15. Chikkasandra, Hesaraghatta Main Road Bengaluru - 560 057

#### From:

Dr. Veena S. More.

Dept. of Biotechnology,

SCE, Bengaluru-57.

To:

The Principal,

SCE, Bengaluru-57

Sub: Permission to visit Jindal Nature Cure Institute, Bengaluru for 3rd Semester students on 15-02-2023 and to provide the Bus facility from the College.

Respected Sir,

With respect to the above subject, kindly permit to visit Jindal Nature Cure Institute, Bengaluru for 3rd semester students on 15-02-2023 and to provide the Bus facility from the College. Students are supposed to be there in the Jindal Nature Cure Institute campus by 10.00 a.m. Kindly do the needful.

Permission letter enclosed.

No of students: 46

Faculty Incharge: 2

Dr. Gouri Mirje Coordinator

14 2 Santhagiri College of Engineering -14/5, Chikkasandra, Hesaraghatta Main Rood Bonpaluru - 660 657 Yours faithfully,

14-02-2023

(Dr.Veena S. More) Head of the Department Dept. of Bio - Technology Sapthagiri College of Engineering No. 57/1, Chikkasandra Hesaraghatta Main Road Ban e -57

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



Gouri MIRJI <gourimirji\_bt@sapthagiri.edu.in>

# Regarding visit to sewage treatment plant, organic farming ,vermicomposting, realth museum.

messages

iouri MIRJI <gourimirji\_bt@sapthagiri.edu.in>
 o: pro.sujaya@jindalnaturecure.org
 c: hodbt@sapthagiri.edu.in

Sat, Feb 11, 2023 at 12:10 PM

Mon, Feb 13, 2023 at 5:38 PM

Sir/Madam,

We wish to undertake an industrial visit at your esteemed institute on 14/01/2023 or 15/01/2023, to acquire practical knowledge in sewage treatment, organic farming and vermicomposting. Our academic curriculum focuses on engaging students in practical experiences to observe the implementation of what they are taught in theory .A group of III sem, 46 students and faculty members intend to participate in this industrial visit. Kindly request to make arrangements for a tour in the relevant departments in your company.

---

hanks and Regards

Dr. Gouri Mirji

Assistant Professor

Dept. of Biotechnology

SCE, Bengaluru - 57

ujaya Prabhu <pro.sujaya@jindalnaturecure.org> o: Gouri MIRJI <gourimirji\_bt@sapthagiri.edu.in> :c: hodbt <hodbt@sapthagiri.edu.in>

#### Der Madam

Withs reference to your trialing mail, you are allowed to visit our campus on 15-2-2023 at 10.00am. W will show the facilities in two batches as we do not want to to crowd the place.



Warm Regards, **Sujaya Prabhu** Public Relations Officer

JINDAL NATURECURE INSTITUTE M: + 91-9449631441 T: 080-2371-7777 www.JindalNaturecure.in f r in m

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---- On Sat, 11 Feb 2023 12:10:09 +0530 Gouri MIRJI <gourimirji\_bt@sapthagiri.edu.in> wrote --- [Quoted text hidden]

Sapthagiri College of Engineering 4/5. Chikkesanera, Hesaraghatta Main Road Bengaluru - 560 057

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AY 2022-23 ODD

SAPTHAC

#### DEPARTMENT OF BIOTECHNOLOGY

Date 15-02-2023

List of III semester Students-Industrial Visit to "Jindal Nature Cure Institute, Bengaluru"

SI No.	Name	USN	Signature
1	AISHWARYA LOMTE	1SG21BT001	Aschicos
2	AKASH V DESAI	1SG213T002	ACOM
3	AKSHITHA S	1SG21D'1003	Skehith
4	ANJANA G	1SG21BTC04	1/1
5	ANUSHA H P	1SG21BT005	Enusha H
6	ANUSHA N RAJU	1SG21BT006	1. YON KI
7	BINDHUSHREE A	1SG21BT007	B. Sint
8	CHAITRA P	1SG21BT008	A co
9	DARSHAN P	1SG23BT009	Grad
10	DEEKSHITH GOWDA	1SG218T010	D
11	DEEPTHI M	ISG211ATCI 1	Del Hill
12	G PALLAVI	1SG215T012-	
13	GUNASHREE S	1SG21BT013	A. O.S
14	HEMANTH KUMAR D	1SG2:BT014	Kengusti
15	HEMANTH KUMAR T	1SG21BT015	1 miles
16	JANAVI R	1SG218T016	Janeus
17	KAVANA K O	1SG21BT017	Rounnal
18	KRISHNA TEJA	1SG21BT018	Ver verde
19	LAKSHMINARASIMHA C	1SG21BT019	LNG
20	LAXMI KASHAPPA GADAGIN	1SG2111T020	Halsshind
21	LEONDER RAFFAEL CLEMENTS	ISG21BTC21	leonies
22	MADHURA H K	18G2107022	
23	MANJESH GOWDA NK	1SG210T023	alaryth
24	NANDAN R BARADE	1SG2137024	Nandry 13
25	NANDINI S	ISG21E1025	Nou-do
26	NAVANISH SAI VIKRAM	1SG218T026	Was
27	NIKHITHA SARIKA GOWDA M S	1SG21BT027	and a second second
28	POOJASHREE S J	1SG21BT028	Saver
29	PUNITH N	1SG2133T029	Ind i
30	R ANITHA	1SG2 HET030	PAnitha
31	ROHAN S ANDEWADI	1SG21ETC31	
32	SANJANA L	18G2181032	Paufes
33	SHARATH N	1SG2137033	
34	SHILPA EJ	1SG21:37034	Gilpi.F.
35	SHRINIDHLY	18021101025	A o en

 Principal
 Saathagiri College of Engineering

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 14/5, Chikkasandra, Hesaraghette
 Road

 Bengaluru - 50
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SI No.	Name	USN	Signature	· .
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38	SRINIVASAN R	1SG21BT038	Vernegt	Juj Mg/6
39	SUSANNA CATHERINE F	1SG21BT039	ator .	AG-
40	SWATHI M P	1SG21BT040	Sugatty -	Reath
41	VAIDURYA KEERTHI	·1SG21BT041	Vaidurgat-	bidre
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45	VIJAY KUMAR H M	1SG21BT045	- 10- 6/ hes	1
46	VISMAYA L	1SG21BT046	N.6-2-1-	né so

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Faculty Coordinator

Principal Saethagiri College of Engineering 14/5, Chikkasandra, Hesaraghana Main Real Bangaluru - 569 957

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

126,

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

īmestamp	Name of the student	USN	The visit delivered the inf Was the visit useful and i Enhan	cement in skills Overall feedb	back
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2/21/2023 12:31:27	Anusha H P	1SG21BT005	5, 5, 6, 6	5	5
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2/21/2023 13:32:17	Sanjana L	1SG21BT032	5 5	5	5
2/21/2023 13:32:39	Kavana K O	1SG21BT017	4 4	4	4:
2/21/2023 13:38:24	Nandini S	1sg21bt025	4 4	4	4
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2/21/2023 23:18:36	R Anitha	1SG21BT030	5 5	5	5
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2/22/2023 5:54:25	Navanish sai vikram	1SG21BT026	5 5	5	5,
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- 2/22/2023 6:13:30	Lakshminarasimha C	1SG21BT019	5 5	5	5
2/22/2023 7:25:03	Gunashree S	1SG21BT013	5 5	5	5
2/22/2023 7:50:14	Vaidurya Keerthi	1SG21BT041	4 5	4	5
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Head offor Darartment Dept. of Bio - Technology Sapthagirl College of Engineering No. 57/1, Chikkasandra Pesaraghatta Main Road Bangelore -57



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#### **Department of Biotechnology**

AY: 2022-2023 2022-EVEN

Type of event/activity	Industrial Visit
Name/Title of the Activity/Event	Industrial Visit for Inter department students
Date of Organization	21/12/2022
Venue (with address)	Forensic Museum, Sapthagiri Institute of Medical Sciences
Organized by	<b>Faculty Co-ordinator:</b> Dr. Gouri Mirji Prof. Ramya D L Dr. Chaitra B S
Objectives of the event/activity	Bridge the gap between theory and Practical Importance of Forensic Biotechnology in medical field
Participants (Please attach list of participants, if it is organized/conducted in the dept.))	• 100÷ participants
Mention organized /participated/attended	Organized

Department of BT had organized one day visit to "Forensic Museum" at Sapthagiri Institute of Medical Sciences on 21<sup>st</sup> December, 2022 for 7<sup>th</sup> Sem BT students along with ME, CV, EEE, EC as part of curriculum studies. A forensic study is the use of scientific methods or expertise to investigate crimes or examine evidence that might be presented in a court of law. Forensic science comprises a diverse array of disciplines, from fingerprint and DNA analysis to anthropology and wildlife forensics.

Forensic science consist of different sectors such as Ballistic, Physical unit, Biological unit, Anthropology, Entomology, Psychiatry, Blood pattern analysis, Photography, DNA Fringer printing, Anthropometry, Pathology etc. These will emphasis knowledge to students about investigating the crime based on available evidence in different views and it will provide base for future career aspects in field of Forensics. 7<sup>th</sup> Sem Students of BT, ME, CV, EEE, EC stream along with Assistant Professors Prof. Ramya D L, Dr. Gouri Mirji and Dr. Chaitra B S from SCE, Bangalore visited on 21<sup>st</sup> of December 2022.

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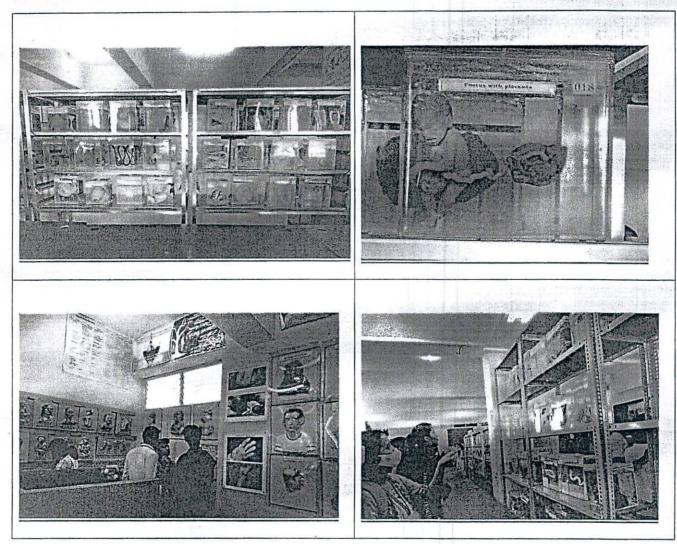
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AY: 2022-2023 2022-EVEN SAPTHAGIRI COLLEGE OF ENGINEERING (Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi) #14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru– 560 057 An ISO 90001:2015 and 14001:2015 Certified Institution Department of Biotechnology

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#### Department of Biotechnology

AY: 2022-2023 2022-EVEN



Students actively involved in exploring the Forensic samples

Note: At the end map PO's (with 3/2/1):

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Date of Submission: 26/12/2023

Co-ordinator Signature

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Dept. of Bio - Technology Sapthagid College of Engineering No. 57/1, Chikkasandra Hesaraghatta Main Road Bangalore - 57

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#### "FORENSIC MUSEUM VIST AT SIMS & RC" STUDENT ATTENDANCE LIST -VII SEM

Time: 10-30 am-12.00 pm

Date: 21-Dec-2022

SL NO.	NAME	USN	SIGNATURE
6.	Annulli . C. Selzlices	1561987004	Junit
2.	Pachuinii Munuqesh Singh	15419 157024	Puttion
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5.	Diglig auth. J	1541485012	Techos
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16.	Paulani. G.V	ISG IGBTOHH	Couland
17	Amulya.s.M.	ISG19BTO05	Amelyo
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Mpe-Co-ordinator

Sapthagtri College or Engineering 14/5, Chikkasandra, Hesaraghetta Main Road Bengeluia - Si

Head of the Department Dept. of BHOD BT huddory Santarpid College of Engineering No. 57/1, Chikking a'ra Hesaranhans doud talaidh a gan ar 131



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#### **Department of Biotechnology**

AY: 2022-2023 2022-EVEN

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Type of event/activity	Industrial Visit
Name/Title of the Activity/Event	Industrial Visit
Date of Organization	16/12/2022 (Friday)
Venue (with address)	Gangagen Biotechnologies Pvt. Ltd. No 12 , 5th Cross, Raghavendra Layout, Tumkur Rd, opposite to MEI Ltd, Yeswanthpur, Bengaluru, Karnataka 560022
Organized by	Faculty Co-ordinator: Dr. Shobha G
Objectives of the event/activity	Bridge the gap between theory and Practical Techniques of upstream and Downstream process
Participants (Please attach list of participants, if it is organized/conducted in the dept.))	• 20+ participants
Mention organized /participated/attended	• Organized

Gangagen is a research oriented company that has discovered several bacteriophage derived Ectolysin proteins against diverse bacterial pathogens. They work on Engineering Novel Treatments For Drug Resistant Bacterial Infections. Most of them are at early discovery stage with potential therapeutic applications. Gangagen has a collection of bacteriophages against diverse bacterial species and is capable of isolating phages against the bacteria of interest.

The Department of Biotechnology organized Industrial Visit for Seventh to Gangagen Biotechnologies Pvt. Ltd. On 16<sup>th</sup> December 2022 at 1:30am to 4:00pm.

Miss Madhavi HN, Senior research associate delivered the lecture related to the research work carried out in company for 30 minutes. Research associate through series of poster explain about the preparation of vaccination through viruses which was carrying out in their lab. Later followed by visit to different departments of the company. First, they took to department of

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AY: 2022-2023 2022-EVEN

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Microbiology were they explain about expression and coloning microorganism and their preservation, they also mentioned about 10, 000 isolates maintenance in their lab. Followed by upstream process, were they showed how isolates were cultures in large scale reactor and disruption of cells through sonication and centrifugation. The purification process they show in the downstream process were ionexchange chromatography and affinity chromatory columns were used for the process. The samples identification through SDS page also mentioned. For the amplification process the use of PCR machine and its gel documentation were also shown. Over all from the isolation till identification of the product what all the steps and the techniques used were briefly explained and instruments used were shown.

They also mentioned about the safety and hygienic requirement of the lab and self were addressed. The layout design was explained what has to be required and were has to be placed. The aim of visit is to bridge the gap between theory and practical and to provide a platform for the students to Known how the process of research take place in the company. A discussion was arranged at the end of the visit to clarify the doubts. The student interact with the research associates to clarify their doubts

Note: At the end map PO's (with 3/2/1):

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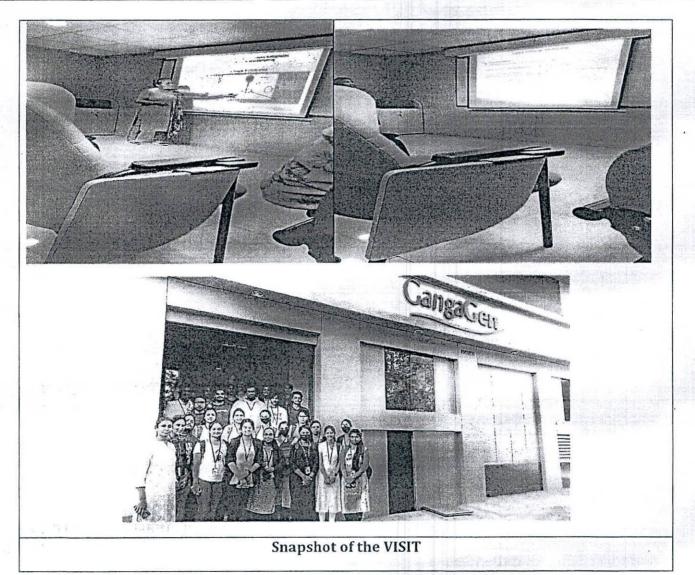


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AY: 2022-2023 2022-0DD

#### INDUSTRIAL VISIT - GANGAGEN ATTENDANCE Day: 16-

Day: 16-12-2022 (Friday)

	· (38) (4	SEVENTH SEMESTER	
SI.NO	USN	STUDENTS NAME	SIGNATURE
1	1SG19BT001	AASIMA RIZWANA Y M	Jour R. YM
2	1SG19BT002	ABHISHEK HAZRA	
3	1SG19BT003	ALOVILI SOM	
4	1SG19BT004	AMRUTH C SEKHAR	Annat
5	1SG19BT005	AMULYA SM	Amulya
6	1SG19BT006	ANUSHKA AJAY SONONE	
7	1SG19BT008	BHARATH KUMAR N	
8	1SG19BT009	BHAVANA N	
9	1SG19BT010	CHERUKURI DHARA	And I Control of Contr
10	1SG19BT011	DEEPTHI K	
11	1SG19BT012	DUSHYANTH J	
12	1SG19BT013	HARSHITHA R	· Afrishetra. A
13	1SG19BT014	HARSSHITHA JK	Harshitha. N
14	1SG19BT015	IRAM AHMED	
15	1SG19BT016	JANANI SRIDHARAN	Sanan
16	1SG19BT017	KEERTHANA S	Sanan Keenthrowno.
17	1SG19BT018	KEERTHI REDDY S	KeefPer
18	1SG19BT019	MEGHASHREE D	Keefflei Mishaharee.D Mohammeds
19	1SG19BT020	MOHAMMED SAQIB	Mohammeds

Signature of EVENT coordinator

Principal Sapthagin Collage of Engineering 14/5, Chikkasandra, Hesaraghatta Main Road Bengaluru - 560 057

He Signature of HOD Dept. of Blo - lechnology Sapthagiri College of Engineering: No. 57/1, Chikkasendra Hesaraghatta Main Road Bangalore -5"

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AY: 2022-2023 2022-0DD

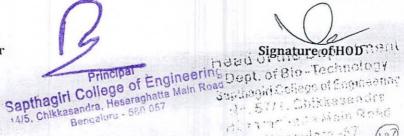
#### DEPARTMENT OF BIOTECHNOLOGY

**INDUSTRIAL VISIT - GANGAGEN** ATTENDANCE

Day: 16-12-2022 (Friday)

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22	1SG19BT023	P SOWJANYAA	
23	1SG19BT024	PADMINI MURUGESH SINGH	Reduit
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26	1SG19BT027	ROHINI B N	
27	1SG19BT028	S K VISHAL	Abuistal
28	1SG19BT029	SANJAY K	
29	1SG19BT030	SHRINKHALA SRIVASTAVA	
30	1SG19BT031	SNEHA D J	14-15-34-625-64
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32	1SG19BT033	SOUKARYA RAHA	Two
33	1SG19BT034	SPANDANA IYER	
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35	1SG19BT036	TANUSHKA MANTRI	Tansala
36	1SG19BT037	VAISHNAVI R	
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Signature of EVENT-Coordinator



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## **Department of Biotechnology**

AY: 2022-2023 2022-EVEN

		FEED	BACK			3.6-a	area area in	
Timestamp	Email Address	Name of the Participant	Email ID	Seme ster	delivere d the informa tion I	Whether the duration of the vist was sufficient for the content delivered?	Was the visit useful and informati ve?	Any other suggesti ons
12/19/2022 14:49:27	soujanyassoujanyas@gmail.c om	Soujanya S	soujanyassoujanyas@gm ail.com	7th	5	5	5	1
12/19/2022 14:50:20	tanushkamantri33@gmail.co m	Tanushka Mantri	tanushkamantri33@gmai l.com	7	5	5	5	1
12/19/2022 14:50:28	nityashreesuresh@gmail.co m	Nityashree	nityashreesuresh@gmail. com	7th	- 5	5	5	1.
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12/19/2022 14:54:55	a season and a second second second	Aasima Rizwana Y M	way2muskan5@gmail.co m	7th sem	5	4	5	1
12/19/2022		Vidya Shree J	vidyashreej29@gmail.co m	7th	5	4	4	1
12/19/2022	Vedhashree722@gmail.com	all the second	Vedhashree722@gmail.c	7	4	4	4	1
	spandanaiyer2001@gmail.c	Spandana lyer	spandanaiyer2001@gma	7th	4	4	4	1
	harshitharadhakrishna27@g mail.com		harshitharadhakrishna27	7th	5	5	5	5
12/19/2022 15:19:16		Amruth C Sekhar	amruthcsekhar@gmail.co	7th	1	1	1	. i
12/19/2022 15:24:11	surajpratapsingh107@gmail. com	Suraj Pratap Singh	surajpratapsingh107@g mail.com	7th	5	5	5	5
12/19/2022 15:24:22	snehadj25@gmail.com	Sneha Dj	Snehadj25@gmail.com	7	. 4	4	4	4
12/19/2022 15:24:39		MOHAMMED SAQIB	mrmohammedsaqib@gm ail.com	7	4	4	5	5
12/19/2022 15:27:06	nikitha.lsindhe@gmail.com	Nikitha L	nikitha.lsindhe@gmail.co m	7	5	. 5	5	5
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12/19/2022 16:40:11	kanthamaniv518518@gmail. com	Meghashree D	kanthamaniv518518@g mail.com	. 7	. 4	4.	4	4
12/19/2022 17:31:00	keerthishankar2001@gmail. com	Keerthana S	keerthishankar2001@g mail.com	7		5		5
12/19/2022 17:45:31	jananisridharan2810@gmail .com	Janani Sridharan	jananisridharan2810@g mail.com	7	Lunder at Las	Contract 1.15	RE-200 Production	5

Sapthagin College of Engineering 14/5, Chikkasandra, Hesaraghatta Main Road Beogaluru - 560 057

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Sri Srinivasa Educational & Charitable Trust

#### SAPTHAGIRI COLLEGE OF ENGINEERING

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi) #14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru- 560 057 An ISO 90001:2015 and 14001:2015 Certified Institution

#### **Department of Biotechnology**

AY: 2022-2023 2022-EVEN

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12/19/2022 18:11:12		Padmini Murugesh Singh	paddusingh6@gmail.com	•	7	. 5	5	5	. 5
12/19/2022 21:50:09	amulyasm2704@gmail.com	and the second se	amulyasm2704@gmail.c om	1	7	5	4	5	5
)	Pretty In								

Date of Submission: 21/12/2023

Co-ordinator Signature

Head of the Lopartment Dept. of Bio -Technology Sapthagiri College of Engineering No. 57/1, Chikkasandra Hesaraghatta Ma- Roed Bangelove 1

Sapthagiri College of Engineering

14-12-2022

From:

Dr. Veena S. More,

Dept. of Biotechnology,

SCE, Bengaluru-57.

To:

The Principal,

SCE, Bengaluru-57

Sub: Permission for VII th Sem students to visit Gangagen Biotechnologies

Pvt Ltd,,Bengaluru on 16-12- 2022(Industrial Visit) and require Bus

facility from the College .

Respected Sir,

With respect to the above subject, requesting you to permit the VIIth Sem students to visit Gangagen Biotechnologies Pvt Ltd, , Bengaluru on 16-12- 2022 since we got the permission from them to visit on 16-12- 2022. Require the Bus facility from the College at 12.30 p.m & OOD for Ms. Gowthami N V who will accompany the students to the company. Kindly do the needful.

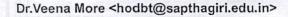
Thanking you,

Yours faithfully,

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Hisa(Dr,Veena SaMore)))) Definition of Education and Same Senation of Education and Same Senation of Education Same Same (1910.01 a 7 and 5 a

Principal Sapthagiri College of Engineerin( 14/5, Chikkesandra, Hesaraghatta Main Road Bangaluru - 560 057





#### Requesting for industrial visit in the 2nd week of December

Madhavi HN <nmadhavi@gangagen.com> To: "Dr.Veena More" <hodbt@sapthagiri.edu.in> Cc: nmadhavi@gangagen.com, cbappaiah@gangagen.com, srividya@gangagen.com Thu, Dec 1, 2022 at 2:32 PM

Dear Dr. Veena,

Thank you.

From our end, we will be able to arrange the 1 day industrial visit on 16th December;

if not in the later part of January or February 2023 since we are occupied with pre-allocated work during 2nd week of December.

Best regards,

Madhavi HN

For Gangagen Biotechnologies. [Quoted text hidden]



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Sri Srinivasa Educational & Charitable Trust SAPTHAGIRI COLLEGE OF ENGINEERING (Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AlCTE, New Delhi) #14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru- 560 057 An ISO 90001:2015 and 14001:2015 Certified Institution Accredited by NAAC -A GRADE Department of Biotechnology November 2022

Type of event/activity Industrial Visit Name/Title of the "KRISHIMELA 2022" Activity/Event 5/11/2022 Date of Organization Venue **GKVK**, Bangalore (with address) Department of Biotechnology Organized by Faculty Co-ordinators: Prof. Gowthami N V Awareness of agricultural concepts both in plant and animal 0 Objectives of the cultivation Commercial trading, equipment employed in agriculture event/activity 0 Regarding Farming of various crops Participants (Please attach list of 39 participants participants, if it is organized/conducted in the dept.) Mention organized

**Event Description:** 

/participated/attended

Department of BT had organized one day visit to "Gandhi Krishi Vigyana Kendra" popularly known as GKVK, who had organized physical and virtual Krishimela from 31<sup>st</sup> Oct to 6<sup>th</sup> of November, 2022 for 5<sup>th</sup> sem students as part of curriculum studies. Krishimela majorly focused on to showcase the latest agricultural technologies for the farmers, students various of discipline, entrepreneurs so that one can learn and implement new technologies in their work. Students belonging to Department of Biotechnology along with professor Prof. Gowthami N V from Sapthagiri college of engineering, Bangalore visited on 5<sup>th</sup> of November with the help of college transport.

Organized

The mela consist of different sectors such as animal husbandry, agricultural machineries, poultry farming, agricultural inputs, organic farmers, homemade bakery products, agricultural science department

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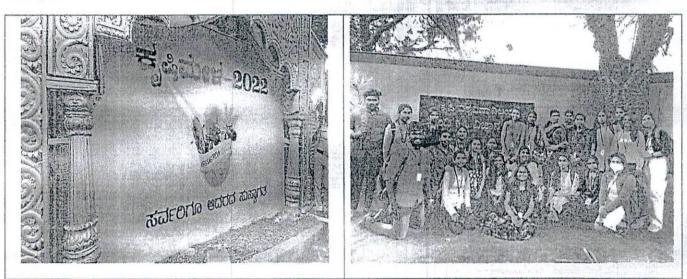
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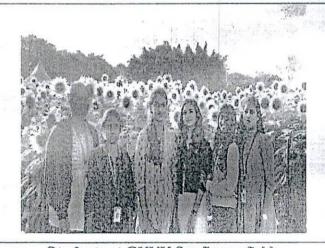
Sri Srinivasa Educational & Charitable Trust SAPTHAGIRI COLLEGE OF ENGINEERING (Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi) #14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru- 560 057 An ISO 90001:2015 and 14001:2015 Certified Institution Accredited by NAAC -A GRADE Department of Biotechnology November 2022

etc. These will emphasis knowledge of Agriculture to students which will be base for future career aspects in field of agriculture.

Images:



Krishimela 2021 Visit at GKVK Bangalore

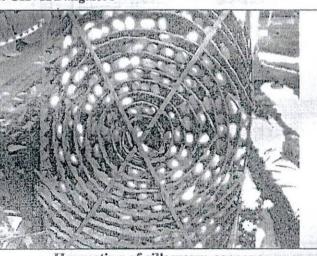


Students at GKVK Sunflower fields

14/5, Chikkanan

Sapthagiri College of Engineering

Main Road



Harvesting of silk worm cocoons

142



Principal Sa thagiri College of Engineering Chikasaadh, Hosaraptalla Main Ross Jonyala, J. 560 v57



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Note: At the end map PO's (with 3/2/1):

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
3	3	1	2	-	3	3	2	3	3	1	2

Faculty Co-ordinators:

Prof. Gowthami N V

Date of Submission: 8-11-2022

Principal Odering of College of Englageding 1465, Calibration, Hoseroghade Isen I... Dengalury - 500 057

Sapthagiri College of Engineering 14/5, Chikkasandra, Hesarachatta Main Rode Bengaluru - 5



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#### Department of Biotechnology

## Krishimela.

# STUDENT LIST -V Sem.

SI No.	Name	USN 1	signature
1	AASTHA ROY	1SG20BT001	
2	ABDULSAMAD A HAZRATBHAI	1SG20BTC02	Abdul
3	AISHWARYA BL	1SG20BT003	AW
4	ALICE JENNIFER	1SG20BTC04	they me
5	AMINA FARHEEN	1SG20BT005	Ameny
6	AMOGHAVARSHA G	1SG20BT005	Amogha
7	ANANYA B S	1SG20BT607	
8	ANNAPAREDDY TRINAYANIREDDY	1SG20BT003	Jeinayay
9	ASFIA SULTANA	1SG20BT0C9	Aistal
10	BHOOMIKA B V	1SG20BT010	Bhoomiker
11	CHAITHRA SHREE A	1SG20BT011	Charlton
12	CHETAN KAGINELLI	1SG20BT012	Chetan.
13	CHETHANA R	1SG2087012	Chithane
14	DANUSH P	1SG20BT014	Danuch
15	DEEKSHITHA M	15G20BF015	Dertyhith
16	DEEPIKA PRAKASH	1SG20BT016	
17	DEEPTHI P M	1SG20BT017	Greepthi f:
18	DHANUSH HALLIKAR S	15G20BT018	Alulut
19	DHARANI G	1SG20BT019	QQ
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21	G L NIKHIL KUMAR REDDY	1SG20BT021	Marchit
22	GANAVIN	1SG206TC22	Chapart
23	GAYATHRI S	15G20BT023	iler
24	HARSHITHA REDDY G	1SG20BT024	Harshit
25	J JOYLYNN GRACE	1SG20BTC25	
26	K NARAHARI	1SG20BT027	9
27	KANGAN M	1SG206T028	
28	KHUSHI BHAVANI K SINGH	1SG20BT029	ŁĿ.
29	KRUTHI J	1SG20BT030	

Sapthagiri College of Engineering 14/5, Chikkasandra, Hesaraghatta Main Road Bengaluru - 560 057 Principal 1.3.34

V. T. Malaking 27 1115 1.01.1 Control Costant States and St. Teneration - Research

SAPTHAGIRI COLLEGE OF ENGINEERING



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## Department of Biotechnology

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32	NIRANJAN M	1SG20BT034	Die
33	NISCHITHA K S	1SG20BT035	
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47	SANJANA S S	1SG20BT049	Ruja
48	SAVITHA M	1SG20BT050	Santheim
49	SHARON RAJ	1SG20BT051	Shenon
50	SMRITHI B	1SG20BT052	
51	SUDIKSHA K KUMAR	1SG20BT053	
52	SUSHMA S	1SG20BT054	Subnea.S
53	SWATHI BHARADWAJ R	1SG20BT055	083
54	TANU KUMAR C	1SG20BT056	Tanukuma
55	UPPUTURI JAHNAVI	1SG20BT057	Jahanavi
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Principal

Sapthagiri College of Engineering

Santingulei Bellege of Enginaering 18/5. chickasandra, Hesarschatto Main Road Rengalury - 550 957

145

05-11-2022

From:

Dr. Veena S. More, Dept. of Biotechnology, SCE, Bengaluru-57.

To:

The Principal,

SCE, Bengaluru-57

OR 05 - 11-2022

Sub: Permission for V th Sem students to visit Krishimela-2022 which is

going on in GKVK , Bengaluru and the Bus facility from the College .

[u/m

Respected Sir,

With respect to the above subject, requesting you to permit the V th Sem students to visit Krishimela-2022 which is going on in GKVK,Bengaluru, since they have a theory paper Agricultural Biotechnology, which will be very helpful for them and require the Bus facility from the College. Kindly do the needful.

Thanking you,

Yours faithfully,

Head of the Department Dept. of Blo -Technology Sap(RigNecMaSe Mang)neering No. 57/1, Chikkasandra Hesaraghatta Main Road Bangalore -57

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



## SAPTHAGIRI COLLEGE OF ENGINEERING

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#### DEPARTMENT OF CIVIL ENGINEERING List of Technical Seminar/ Guest lecturers Organized(2022-23)

SI no	Program	Name of the Event	Date of Conduction	Semester	No. Of students
		Academic year 2022-23			
1	JAL SHAKTI ABHIYAN	WALKTHON between stretch of Sapthagiri college of engineering to MEI ground	08-11-2022	4 <sup>th</sup> , 6 <sup>th</sup> and 8 <sup>th</sup>	110
2	Global Awareness Program	Global Awareness Program	24-11-2022	8 <sup>th</sup>	52
3	Pollution Control	Poster Presentation	02/12/2022	6 <sup>th</sup> and 4 <sup>th</sup>	65
4	Workshop	Design thinking & Innovations	14/12/2022	8 <sup>th</sup>	50
19	Workshop	New technology in AI in traffic studies	16/3/2023	8th	48
23	Awareness Program	Swachh Bharath	14/4/2023	6th and 4th	70
24	Seminar	Construction economics & Digitalization in construction industry	8/4/2023	6 <sup>th</sup> and 4 <sup>th</sup>	65
25	Jal Shakthi Abhiyan	Jal Shakthi Abhiyan	25/4/2023	4 <sup>th</sup> , 6 <sup>th</sup> and 8 <sup>th</sup>	102
26	Alumini talk	Patience & perverance	22/5/2023	4 <sup>th</sup> , 6 <sup>th</sup> and 8 <sup>th</sup>	111
27	Workshop	Design of Highway Alignment using Auto Cad Civil 3D	18/5/2023	$6^{th}$ and $8^{th}$	89
28	Seminar	Master in Abroad	16/5/2023	8th	51
29	Webinar	Industry Expectations from young Eng	30/5/2023	8th	48

HOD HOD, Dept. of Civil Engg. S.C.E, Bangalore-560 057

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#### 4) Webinar

*Type of Event/Activity	Webinar
Name/Title of the Event / Activity	"Industry Expectations from Young Engineers"
Date of Organization	30/05/2023
Venue	Online, Google meet
Organized by	DEPARTMENT OF CIVIL ENGINEERING
Objectives of the event/activity	<ol> <li>To make students to understand about construction sector in India.</li> <li>To make students to realize the employment potential in construction.</li> <li>To make students to understand industry perception about the young engineers passing out from college.</li> </ol>
Participants (Please attach list of participants, if it is organized/conducted in the dept.)	98

#### **Event Description**:

Sapthagiri College of Engineering, Bengaluru conducted Webinar on "Industry Expectations from Young Engineers" on 30.05.2023. The students of Civil Engineering department were actively participated in the webinar and they have understood about the construction sector in India, employment potential in construction and industry perception towards young engineers.

Brincipal Sapthagiri Collage of Engineeri 14/5, Chikkasandra, Hasarsonalia Walin Roar Bengalury - 560 057 Images:

Note:

After every event, please take feedback online/offline

P01	P02	P03	P04	PO5	P06	P07	P08	P09	P010	P011	P012
1	1	2	2	2	2	1	-	2	2	1	1

\*Type of Event / Activity:

Workshop/seminar/conference/hackathon/hobby project/mini project/ Invited Talk/Guest Lecture/Skill enhancement program/Cultural activity/competitions etc.,

Date of Submission

NOTE: All the Events should be in one PDF File.

Signature of the HOD HOD, Dept. of Civil Engg. S.C.E, Bangalore-560 057

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#### **Report On "Industry Expectations from young engineers"**

Sapthagiri College of Engineering, Bengaluru conducted Webinar on "Industry Expectations from Young Engineers" on 30.05.2023. The students of Civil Engineering department were actively participated in the webinar and they have understood about the construction sector in India, employment potential in construction and industry perception towards young engineers. Overall 98 Students were attended the webinar and they have learned about industry expectations from young engineers.



#### SAPTHAGIRI COLLEGE OF ENGINEERING

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#### DEPARTMENT OF CIVIL ENGINEERING

#### Organizing online Webinar on "Industry Expectations from Young Engineer"

**CHIEF PATRONS** 

Sri G. DAYANAND Chairman, SCE Sri G.D. MANOJ Executive Director, SCE

Date: 30th May 2023 Timings: 11.00 AM42.00 PM

Webinar mode: Online Google meet link https://meet.google.com/vwm-oowm-bhs Speaker Shri Rajeev Sr Director Construction Industry Development council New Delhi Webinar coordinators Mr T P Tiwar

INSTITUTION S

COUNCI

Sr Manager, CIDC Mrs Garika Tyagi Manager Placement, CIDC

Prof. PALLAVI G A COORDINATORS Dr. RAJESHWARI R PROF & HEAD, CE

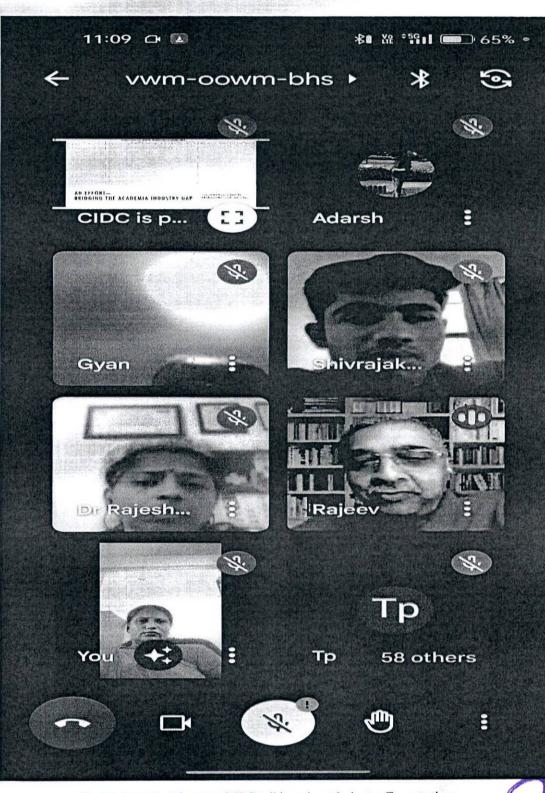
HWARI R

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Dr. H RAMAKRISHNA

PRINCIPAL

Shri Rajeev sir spoke about Industry Perception towards young engineers is low on ethical values, lack of understanding of field application of civil engineering and application of civil engineering and application of civil engineering application of civil enginee



Shri Rajeev, Sr Director, CIDC talking about Industry Expectations

#### Words about role of fresh engineers

Principal Sapthagiri College of Er-14/5, Chikkasandra, Hesara Bengaluru - 560

Planning and Design- Drawings, project management, casting and scheduling, structural design and detailing, services like fire, fighting, elevator and Electrical.

Execution- Materials, machines, man power, money, quality and safety,

construction activities etc.,,

Contracting- Estimation, drawing, specifications, rate analysis, contracting and bidding practices, banking and finance.

Introspection where do we stand and Assess shortcoming

## ASSESS SHORTCOMINGS

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ov estane

2<sup>nd</sup> year

students

may

introspect

by asking

What is the significance of mentioning north direction in drawings

What is the least count of a given scale

How to convert 250 It: of liquid in to volume of a cylinder

What is Plan in engineering terms

1 Cubic meter Volume will have how many bricks of size 9"x4"x3"

Can I differentiate in country wood and teak wood

How am i going to verify the acceptable quality of bricks

How am I going to find silt content of sand

Do I understand the difference of Ordinary Portland Cement and Pozzolona Portland Cement

Do I know the acceptable quality of water for construction and how much water will be required for a given project

> Why compression and tension is developed in concrete

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What are the core conditions of contract

What is the Bank guaranty/CC limit/OD limit and how much it costs

Why EMD and SD is required by the clients in all the contracts

How a batching plant functions

How much time and manpower is required to erect a tower crane

What is the thumb rule for assessing the total manpower required for a project

How to decide the project completion time

What are the enabling activities for a new project

How many type of records are kept at site and at what frequency it requires reconciliation

how to minimise the idling cost of equipment's

Ready mixed concrete is good for use till what time after dispatch

Role of construction chemicals

Now to work out resources for a project

How to resolve a dispute

What are the prevailing statutory laws applicable for a construction project

3<sup>rd</sup> year students may introspect by asking

4<sup>th</sup> year students may introspect by asking

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

## FOR FURTHER DETAILS PLEASE FEEL FREE TO CONTACT



CONSTRUCTION INDUSTRY DEVELOPMENT COUNCIL 801, 8<sup>th</sup> Floor Hemkunt Chambers, Nehru Place New Delhi-110019 Shri Rajeev Jain, Sr Director- Training Ms GariMA Tyagi, Manager- Business Development& Placements Ph: 7457865464 Email: cidc.garimatyagi@gmail.com

Shri Rajeev sir gave information about certification courses

AIAA

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HOD, Dept. of Civil Engg. S.C.E, Bangalore-560 057



3) Master in Abroad

Type of event or Activity	SEMINAR
Name/Title of the Event /Activity	SEMINAR ON "Masters in Abroad"
Date of Organisation	16.05.2023
Venue	Class Room No 409, Department of Civil Engineering,Sapthagiri Collegeof Engineering
Organized by	Department of Civil Engineering
Objectives of Events/Activity	<ol> <li>To encourage the students about the importance of higher studies in abroad.</li> <li>Experience new teaching methods &amp; skills The speaker provided information on importance of masters studies in abroad.</li> </ol>
Participants (Please attach list of participants, if it is organized/conducted in the dept.)	39 Alternative and a second se

Event Description A Seminar was conducted on '*Masters in abroad* by Salman Executive Director of Jamboree education, for 6<sup>th</sup> Semester Students at Sapthagiri College of Engineering, Bangalore on 16<sup>th</sup> may 2023. This Seminar aims for study abroad test and admission counselling. With the highest scores for GMAT and GRE in the industry and admission offers from the best universities worldwide, Jamboree has helped thousands of students get into their dream universities. Students were interacting throughout the session as it was more interactive and interesting.

Note:

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#### \*Type of activity:

Workshop/seminar/conference/hackathon/hobby project/mini project/ Invited Talk/Guest Lecture/ Skill enhancement program/Cultural activity/competitions etc.,

> 14/5, Chikkasandra, Hesarachatta Main Road Bengaluru - bou 057

Date of Submission: 16.5.2023

NOTE: All the Events should be in one PDF File Principal

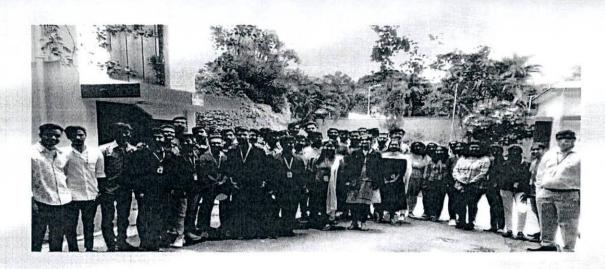
one PDF File Principal Signature of the HOD Bencipal S.C.E, Bangalore-560 057

## A Report on Masters in Abroad (6th semester)

Seminar was organized to 6th semester Civil Engineering students on 16/5/2023. The seminar was arranged in the Academic block 409, under the guidance of Faculty Coordinator Prof. Bhavya C H.

The Department of Civil Engineering organized seminar on "Masters in abroad" on 16<sup>th</sup> May, 2023 for students of Civil engineering. The students attended the seminar. The seminar was successfully organized and carried out by the Civil Engineering department. The seminar gave the students information about abroad test and admission counselling. With the highest scores for GMAT and GRE in the industry and admission offers from the best universities worldwide, Jamboree has helped thousands of students get into their dream universities .The speaker gave opportunity to attend Leadership program for all the students. Overall, the students felt that the session was informative & gain knowledge

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



5. Attendance

Sl.no.	USN	Student name
1	1SG20CV001	ADARSH PANDEY
2	1SG20CV002	AKSHAY GOWDA B M
3	1SG20CV003	ANAND
4	1SG20CV004	BHOOMIKA D R
5	1SG20CV005	DHANUSH LK
6	1SG20CV006	HARSHAVARDHAN M
7	1SG20CV008	K LOHIT BABU
8	1SG20CV009	KARTHIK KJ
9	1SG20CV010	KISHAN S
10	1SG20CV011	LAKSHMAN NAIK KS
11	1SG20CV012	MOHD MUDASSAR RATHAR
12	1SG20CV013	NABIN KUMAR MAHATO
13	1SG20CV014	NEHA T M
14	1SG20CV015	NISARGA S S
15	1SG20CV016	PRATHIKSHA P PALANKAR
16	1SG20CV017	PREETHAM K R
17	1SG20CV018	RAKSHITHA R
18	-1SG20CV019-	ROHAN M
19	1SG20CV021	SAGAR MN
20	1SG20CV022	SANKETH VALAHATTI
21	1SG20CV023	SHARAN S MALI PATIL
22	1SG20CV024	SHIVARAJAKUMARPARASAPPAHOLIYACHI
23	1SG20CV026	SUJAY GOWDA G
24	1SG20CV027	SUMA S

Principal Principal Of Engineering Sapthagiri College of Engineering Sapthagiri College of Engineering Sapthagiri College of Engineering

25	1SG20CV028	TARUN K
26	1SG20CV029	TEJAS M
20	1SG20CV030	THANUSHREE K S
28	1SG20CV031	VENKATESH
29	1SG20CV032	VIDYA S
30	1SG20CV033	VINAY V
31	1SG20CV034	YAMUNA KR
32	1SG20CV035	YASHAS K A
33	1SG20CV036	YASHU GOWDA R
34	1SG20CV037	YOUNIS AHMAD TALI
35	1SG21CV400	BINDUSHREE A S
36	1SG21CV401	DARSHAN R
37	1SG21CV402	KIRAN M
38	1SG21CV403	MALLIKARJUN
39	1SG21CV404	MANJUNATH NAIK L
40	1SG21CV405	MANOJ D M

# HOD, Dept. of Civil Engg. S.C.E, Bangalore-560 057

Principal Sapthagiri College of Ended 14/5, Chikkasandra, Hesaregi and Bengaluru - 560

#### 2) Workshop

*Type of Event/Activity	Workshop
Name/Title of the Event / Activity	"Design of Highway Alignment using AutoCAD Civil 3D"
Date of Organization	18/05/2023
Venue	ALH-409
Organized by	DEPARTMENT OF CIVIL ENGINEERING
Objectives of the event/activity	<ol> <li>To create base map.</li> <li>To design alignment.</li> <li>To generate existing ground profile and design grades.</li> </ol>
Participants (Please attach list of participants, if it is organized/conducted in the dept.)	25

#### Event Description:

Sapthagiri College of Engineering, Bengaluru conducted Workshop on "Design of Highway Alignment using AutoCAD Civil 3D" on 18.05.2023. The students of Civil Engineering department were actively participated in the workshop and they have learned about how to create base map, design alignment and to generate existing ground profile and design grades.

> Sapthagiri College of E 14/5, Chikkasandra, Hesaragne Bengaluru - 569 957

> > 2.80

#### **Images:**

#### Note:

#### After every event, please take feedback online/offline

P01	P02	PO3	P04	P05	P06	P07	P08	P09	P010	P011	P012
2	2	1	3	2	2	1	-	2	2	1	1

#### \*Type of Event / Activity:

Workshop/seminar/conference/hackathon/hobby project/mini project/ Invited Talk/Guest Lecture/Skill enhancement program/Cultural activity/competitions etc.,

Date of Submission

NOTE: All the Events should be in one PDF File.

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Principal Sapthagiri College of Englis 14/5, Chikkasandra, Hesars Bengaluru - 5

#### REPORT ON "Design of Highway Alignment using AutoCAD Civil 3D"

Sapthagiri College of Engineering, Bengaluru conducted workshop on 'Design of Highway Alignment using AutoCAD Civil 3D on 18.05.2023. The students of Civil Engineering department were actively participated in the workshop and they have learned about how to create base map, design alignment and to generate existing ground profile and design grades. Overall 25 Students were attended the workshop and they have learned about software.



# SAPTHAGIRI COLLEGE OF ENGINEERING

(Affiliated Affiliated to VTU, Belagavi, Approved by AICTE, New Delhi) (Accredited by NAAC with "A" Grade & ISO 9001:2015 and 14001:2015 Certified Institution)



WORKSHOP ON "Design of Highway Alignment using AutoCAD Civil 3D" ORGANIZED BY DEPARTMENT OF CIVIL ENGINEERING In ASSOCIATION WITH

Medini

CHIEF PATRONS

Sri G. DAYANAND Chairman, SCE

Executive Director, SCE

VENUE: ALH 409

Date: 18th May 2023 Timings: 09.00AM

SPEAKERS Er. Mamtha V

a states

SriG.D. MANOJ

Prof. PALLAVI G A COORDINATORS Dr. RAJESHWARI R PR'DF & HEAD, CE Dr. H RAMAKRISHNA PRINCIPAL

AutoCAD Civil 3D engineering software provides civil engineering professionals with Sapthagiri College of Engineering targeted solutions for a wide variety of infrastructure projects, including hand dry hoparaghatta Main Rotransportation, and water projects.



Students are learning Auto CAD 3D software



Students are learning Auto CAD 3D software

Principal Sapthedri College of Èngineering 14/5, Chikkesandra, Hesaraghatta Main Road Bengaluru - 560 057

#### About Road Design in Civil 3D

Using AutoCAD Civil 3D, you can compare the design of road elements against recognized industry standards or user- defined standards. As designers work to lay out designs, the software provides graphic alerts and/or notification tips to help alert you when standards are not met. This capability helps provide many benefits, including greater time savings, reduced rework due to fewer review comments, more consistency, and, above all, sound engineering design. This is made possible using design criteria and design check sets. Design criteria may be assigned to the horizontal geometry of the centerline, for example, helping to meet the minimum radius criteria for horizontal alignments based on design speed. Design criteria can also be assigned to profiles.

> HOD, Dept. of Civil Engg. S.C.E, Bangalore-560 057

Principal Sapthagiri College of Engineering 14/5, Chikkasandra, Hesaraghena main F Bengalury - 567



#### SAPTHAGIRI COLLEGE OF ENGINEERING

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi.) ISO 9001 - 2015 & ISO14001 - 2015 Certified

Highway

14/5, Chikkasandra, Hesaraghatta main road, Bengaluru-560057

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

(Accredited by NAAC with "A" Grade) (ISO 9001 : 2015 & 14001 : 2015 Certified Institution)

#### Monthly Event Report for the month of May 2023

#### DEPARTMENT OF CIVIL ENGINEERING

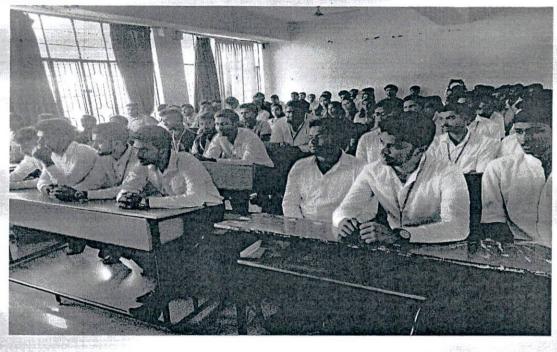
*Type of event/activity	ALUMNI TALK
Name/Title of the Activity/Event	Talk on "PATIENCE AND PERVERANCE".
Date of Organization	22/05/2021
Venue (with address)	SAPTHAGIRI COLLEGE OF ENGINEERING
Organized by	DEPARTMENT OF CIVIL ENGINEERING
Objectives of the event/activity	<ol> <li>To provide an opportunity to students to explore their theoretical knowledge in field of Engineering.</li> <li>To provide an opportunity for students to learn practical things by sending them for internship during the semester time.</li> <li>To create an awareness about social well being, safety and societal interactions.</li> <li>To create an awareness about professional ethics and responsibilities.</li> </ol>
Participants	
	81
Mention organized /participated/attended	81 Participants attended the activity

#### **Event Description:**

A Alumni talk on "Patience and Perseverance" was organized to Civil Engineering students through google meet on 22/05/2021 under the guidance of Faculty Coordinator Promod K A. 81 Students were participated in the talk. The talk was delivered by our Alumni Anjana Jagadeesh. Anjana Jagadeesh shared their experience of getting job once students are passed out from the institution, what are all the practical things u should learn during your course time and use of doing internship. Students were also advised to create an awareness about social well-being, safety, societal interactions, professional ethics and responsibilities.

Principal Sapthagiri College of E 14/5, Chikkasandra, Hesar Bengalury - 566 051

# **Images: Enclosed**





Note :(i) After every event, please take feedback (online/offline).(ii) At the end map PO's(with 3/2/1):

P01	PO2	P03	P04	P05	P06	P07	P08	P09	P010	PO11	P012.
3		20月11日	The second	2	3	2	2	3	3		2

Date of Submission:

Signature of the HOD HOD, Dept. of Civil Engg. S.C.E, Bangalore-560 057

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

# 4) Jal Shakthi Abhiyana

¶ *Type of Event/Activity	JAL SHAKTHI ABHIYAN
Name/Title of the Event / Activity	JAL SHAKTHI ABHIYAN
Date of Organization	25/04/2023
Venue	Sapthagiri Engineering College
Organized by	DEPARTMENT OF CIVIL ENGINEERING
Objectives of the event/activity	To create awareness about the exploitation of water as well as to make them to understand the necessity of protection and preservation of water.
Participants (Please attach list of participants, if it is organized/conducted in the dept.))	6 <sup>th</sup> & 8 <sup>th</sup> Semester Students

On occasion of Jal Shakti Abhiyan couple of events like Debate, Slogan writing, Quiz, Posters & Banners making events were conducted in the civil department from 19.04.2023 to 21.04.2023 with the co-ordination of faculties of Civil Department.

Events were conceptualized with respect to Jal Shakthi Abhiyan, events aimed to create awareness about the exploitation of water as well as to make them to understand the necessity of protection and preservation of water.

#### Note:

(i)At the end map PO's (with 3/2/1):

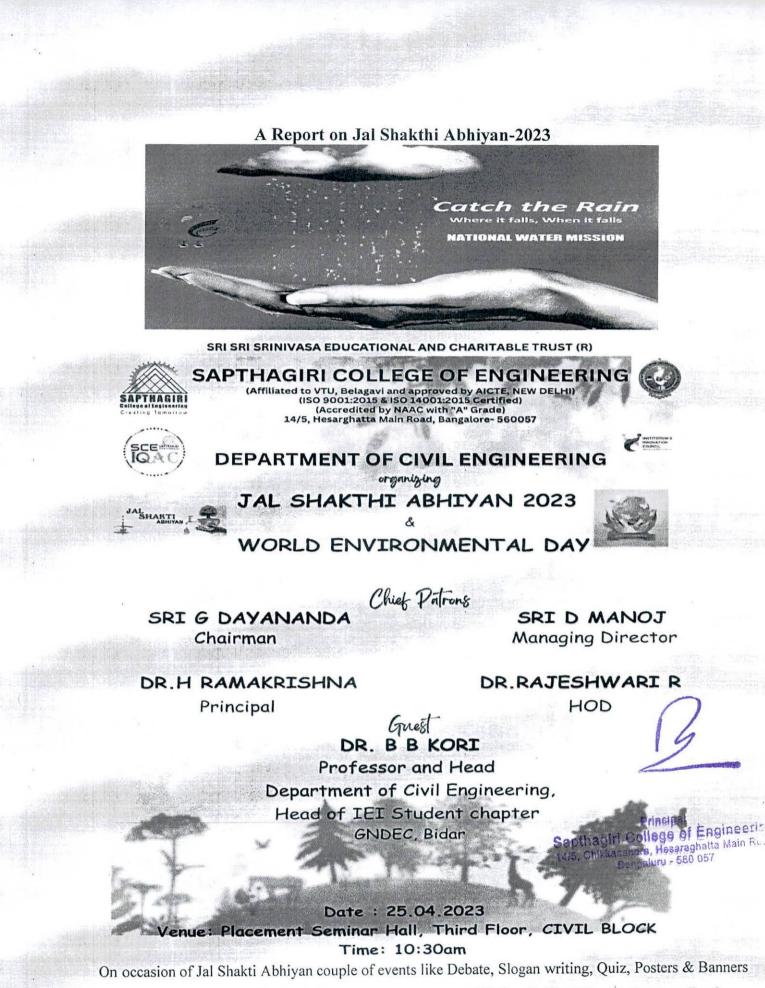
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#### \*Type of activity:

Workshop/seminar/conference/hackathon/hopby project/mini project/ Invited Talk/Guest Lecture/ Skill enhancement program/Cultural activity/competitions etc.,

Date of Submission: 8.4.2022 NOTE: All the Events should be in one PDF File NOTE: All the Events should be in one PDF File NOTE: All the Events should be in one PDF File Renaduru - bed of Engineering Bongaluru - bed of Engineering Bongaluru - bed of File

Signature of the HOD HOD, Dept. of Civil Engg. S.C.E, Bangalore-560 057



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Events were conceptualized with respect to Jal Shakthi Abhiyan, events aimed to create awareness

about the exploitation of water as well as to make them to understand the necessity of protection and preservation of water.

Sapthagiri College Of Engineering Jal Shakthi Abhiyan... falls Fair

Sample Banner 1 on Jal Shakthi Abhiyan

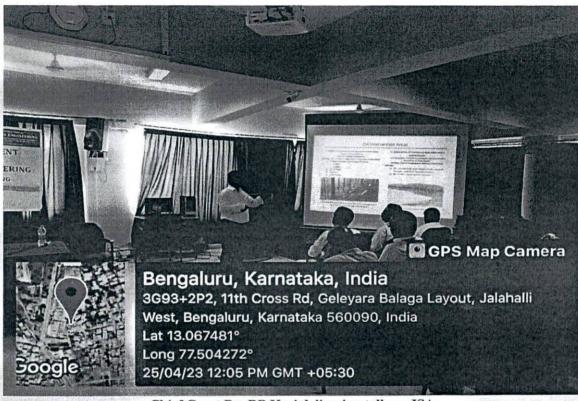
LIV(F 12 IORL D PENDS ON E.T. Sample Banner 2 on Jal Shakthi Abhiyan

Principal Sapthagiri College of Engineering 14/5, Chikkasandra, Hesaraghatta Main Roan Bangalury - 589 957

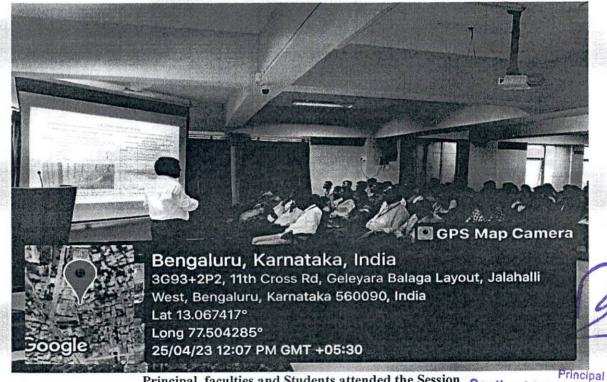
with a sisi college of Engineer, SAVEWATER. L'égrant MOLT Woter is ticat Sample copies of posters えた ひち。 ಭೂಮಿಯ ಅದನ್ನು ಚಲ್ಲ ಬೇಟ Sample copy of slogan Principal

Chief Guest Dr.B B Kori head of IEI student chapter, GNDEC Bidar given talk on Jal Shakthi Abhiyan 2023. He clearly explained about the global water availability, scarcity of water, and preservation of water

(JSA) 2023. He clearly explained about the global water availability, scarcity of water, and preservation of water by different harvesting methods like roof top rain water harvesting and ground water recharge. Sessions were very informative as we got details about the yearly objectives and also progress of JSA from 2019-2023. Students got enough information about the JSA, importance of water preservation and everyone pledged to save water.

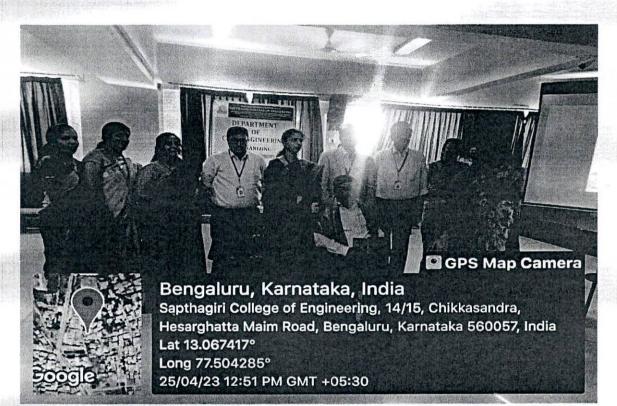


Chief Guest Dr. BB Kori delivering talk on JSA



Principal, faculties and Students attended the Session

Sapthagiri College of Engines 14/5, Chikkasandra, Hesaraghatta Main Bengaluru - 560 057 77



Faculties of Civil Engineering Department Honouring the Chief Guest

HOD, Dept. of Civil Engg. S.C.E, Bangalore-560 057

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# 3) SEMINAR ON "CONSTRUCTION ECONOMICS AND DIGITALISATION IN CONSTRUCTION INDUSTRY

Type of event or Activity	SEMINAR
Name/Title of the Event /Activity	Seminar On "Construction Economics And Digitalisation In Construction Industry
Date of Organisation	08.04.2023
Venue	Class Room No 409, Department of Civil Engineering, Sapthagiri Collegeof Engineering
Organized by	Department of Civil Engineering
Objectives of Events/Activity	<ul> <li>To enhance the knowledge of construction companies for career opportunities for students</li> <li>1. The seminar gave the students information Indian Economy with construction industry, construction job profiles and companies, Future of Construction Industry and also Technology used in current construction field.</li> </ul>
	<ul> <li>2. This talk was given by the speaker provided information on where exactly students can find jobs and what should be the skills needed in Construction Industries.</li> <li>The speaker provided information on construction companies and its</li> </ul>
Participants	categories.

Event Description A Seminar was conducted on 'CONSTRUCTION ECONOMICS AND **DIGITALISATION IN CONSTRUCTION INDUSTRY** by Sachin Amarnath Executive Director, Ascend school of construction Business, for 8<sup>th</sup> Semester Students at Sapthagiri College of Engineering, Bangalore on 8<sup>th</sup> April 2023. This Seminar aims to provide importance of categorizing companies which provide more opportunities to enter into industry to improve career opportunities. Students were interacting throughout the session as it was more interactive and interesting.

#### Note:

DO1	P02	DO2	P04	2/1):	P06	P07	P08	P09	P010	P011	P012
PUI	PU2	FUS	F04	105	100	107	100	107	1010	1011	
-	-	-	-	-	2	-	-		3	3	3

#### \*Type of activity:

Workshop/seminar/conference/hackathon/hobby project/mini project/ Invited Talk/Guest Lecture/ Skill enhancement program/Cultural activity/competitions etc.,

Date of Submission: 8.4.2023

NOTE: All the Events should be in one PDF File

Signature of the HOD HOD, Dept. of Clvil Engg. S.C.E, Bangalore-560 057Principal Sapthagiri College of En 14/5, Chikkasandra, Heser. on **Report On Construction Economics And Digitalisation In ConstructionIndustry** 



Seminar was organized to 8th semester Civil Engineering students on 8/4/2023. The seminar was arranged in the Academic block 409, under the guidance of Faculty Coordinator Prof. Bhavya C H. The Department of Civil Engineering organized seminar on "Construction Economics And Digitalisation In Construction Industry" on 8<sup>th</sup> April, 2023 for students Of Civil engineering. The students attended the seminar. The seminar was successfully organized and carried out by the Civil Engineering department. The seminar gave the students information Indian Economy with construction industry, construction job profiles and companies, Future of Construction Industry and also Technology used in current construction field. This talk was given by the speaker provided information on where exactly students can find jobs and what should be the skills needed in Construction Industries. The speaker provided information on construction companies and its categories. The speaker gave opportunity to attend Leadership program for all the students. Overall, the students felt that the session was informative & gain knowledge

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

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#### Presentation by Sachin Amaranath



# Interaction with the Students

Principal Sapthagiri College of Engine 14/5, Chikkasandra, Hesaraghatta mam Bengaluru - 560 057 HOD, Dept. of Civil Engg. S.C.E, Bangalore-560 057

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# 2) Swachh Bharath Abhiyana

*Type of Event/Activity	Awareness Program	
Name/Title of the Event / Activity	Swachh Bharath Abhiyana	
Date of Organization	14/04/2023	
Venue	Melkote	and the second second
Organized by	DEPARTMENT OF CIVIL ENGINEERIN	G
Objectives of the event/activity	<ol> <li>To eliminate or reduce open defect</li> <li>To keep villages clean, solid and libeensured through Gram Panch</li> <li>To lay water pipelines in villages, households.</li> </ol>	iquid waste management will nayat.
Participants (Please attach list of participants, if it is organized/conducted in the dept.))	39	

#### **Event Description**:

Sapthagiri College of Engineering, Bengaluru conducted 'Swatch Bharat Abhiyan at Melukote, Mandya District on 13.04.2023. The students and faculties of Department of Civil Engineering actively participated in the event and cleaned the areas around Raayagopura. Overall 39 Students and 4 faculties, 2 instructors took part in Swachh Bharat Abhiyan in Melkote to create awareness about cleanliness. The role of young generation in awakening the people of rural areas in creating the healthy environment in the villages.

Principal Sapthagiri College of Engineering 14/5, Chikkasandra, Hesaraghatta Main Koak Bangaluru - 560 057

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# 2) Swachh Bharath Abhiyana

*Type of Event/Activity	Awareness Program
Name/Title of the Event / Activity	Swachh Bharath Abhiyana
Date of Organization	14/04/2023
Venue	Melkote
Organized by	DEPARTMENT OF CIVIL ENGINEERING
Objectives of the event/activity	<ol> <li>To eliminate or reduce open defecation.</li> <li>To keep villages clean, solid and liquid waste management will beensured through Gram Panchayat.</li> <li>To lay water pipelines in villages, ensuring water supply to all households.</li> </ol>
Participants (Please attach list of participants, if it is organized/conducted in the dept.))	39

#### **Event Description**:

Sapthagiri College of Engineering, Bengaluru conducted 'Swatch Bharat Abhiyan at Melukote, Mandya District on 13.04.2023. The students and faculties of Department of Civil Engineering actively participated in the event and cleaned the areas around Raayagopura. Overall 39 Students and 4 faculties, 2 instructors took part in Swachh Bharat Abhiyan in Melkote to create awareness about cleanliness. The role of young generation in awakening the people of rural areas in creating the healthy environment in the villages.

Sapthagiri Collegipal 14/5, Chickasandra, Mes. ..... Bongaluru - 55.

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Images:

Note:

#### After every event, please take feedback online/offline

P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
2	2	1	2	2	2	3	-	2	2	1	1

#### \*Type of Event / Activity:

Workshop/seminar/conference/hackathon/hobby project/mini project/ Invited Talk/Guest Lecture/Skill enhancement program/Cultural activity/competitions etc.,

Date of Submission

NOTE: All the Events should be in one PDF File.

Signature of the HOD HOD, Dept. of Civil Engg. S.C.E, Bangalore-560 057

Principal Sapthagiri College of Engineerine 14/5, Chikkasandra, Hesaraghatta Main Road Bengaturu - 560 057

#### **REPORT ON 'SWACHH BHARATH ABHIYAN'**

Sapthagiri College of Engineering, Bengaluru conducted 'Swatch Bharat Abhiyan' at Melukote, Mandya District on 13.04.2023. The students and faculties of Department of Civil Engineering actively participated in the event and cleaned the areas around Raayagopura. Overall 39 Students, 4 faculties and 2 instructors took part in Swachh Bharat Abhiyan at Melkote to create awareness about cleanliness.

> ್ರಿ ಶ್ರೀ ಶ್ರೀನಿವಾಸ ಎಜುಕೇಶನಲ್ ಮತ್ತು ಜಾರಿಟೇಬಲ್ ಟ್ರಾಸ್ಟ್ (ಅರ್) ಸಪ್ತುಗಿರಿ ಕಾಲೇಜ್ ಆಫ್ ಇಂಜಿನಿಯರಿಂಗ್ ಎಸ್ಟಾನರಿ ಹಾಸಕರ್ನಾಯ, ಸೋಪ್ ಗಾರ್ಯಕರ್ ಇಂಜಿನಿಯರಿಂಗ್ ಎಸ್ಟಾನ್ ಹಾಸಿಕೊಡ್ಡು ಸ್ಥಾನ ಸರ್ಕ್ಷಣ್ಣ ಸಿಂಗ್ ಸ್ಥಾನ್ ಎಸ್ಟ್ ಸ್ಟಾನ್ ಸ್ಟಾನ್ ಸ್ಟಾನ್ ಸ್ಟಾನ್ ಸ್ಟಾನ್ ಸ್ಟಾನ್ ಎಸ್ಟ್ ಸ್ಟಾನ್ ಸಾಸ್ಕಾನ, ಸ್ಟಾನ್ ಸ್ಟ್ರಾನ್ ಸ್ಟ್

ಸಿವಿಲ್ ಇಂಜಿನಿಯರಿಂಗ್ ವಿಭಾಗದಿಂದ ಕಾರ್ಯಕ್ರಮಕ್ಕೆ ಸೃತ್ಸೂರ್ವಕವಾಗಿ ಆಮಂತ್ರಣ ರ್ಷಚ್ಛ ಭಾರತ್ ಮತ್ತು AICTE ಚಟುವಟಿಕೆ ಪಾಯಿಂಟ್ ಪ್ರೋಗ್ರಾಮ್ ರ್ಜಳ : ಗ್ರಾಮ ಪಂಚಾಯಿತಿ ಅವರಣ ಸಮಯ : ಬೆಳಗ್ಗೆ 10.00 ಮುಖ್ಯ ಪೋಷಕರು

ಶ್ರೀ ಜಿ ದಯಾನಂದ ಆವ್ಯಕ್ಷರು,ಎಸ್ ಸಿ ಇ, ಬೆಂಗಳೂರು ಶ್ರೀ ಜಿ ಡಿ ಮನೋಜ್ ಕಾರ್ಯನಿರ್ವಾಹಕ ನಿರ್ದೇಶಕರು, ಎಸ್ ಸಿ ಇ, ಬೆಂಗ

ಗೌರವ ಅತಿಥಿಗಳು

ಡಾ ರಾಮರಾಜು ಎಚ್ ಕೆ ಪಪ್ರಾಂಕುಪಾಲರು, ಮುಖ್ಯಸ್ಥರು, ಸಿವೀ ಇಂಬಿನಿಯರಿಂಗ ವಿಭಾಗ, ಡಿ ಎಸ್ ಸಿ ಇ , ಬೆಂಗಳೂರು

ర్వి: సೋಮಶೇಖರ್ ಎನ್ జయశా అధిష్టర్తి అధికారి , దూలుకంణి గ్రా.:

ಶ್ರೀಮತಿ ಸುಮ ರಾಣೆ ರ್ಕರ್ ಇನ್ಸ್ಟೇರ್ , ಮೀಲುಕೋಟೆ

ಡಾ ರಾಜೇಶ್ವರಿ ಆರ್ ಮ್ರಾಸ್ತರು, ಸಿವಿಲ್ ಇಂಡನಿಯರಿಂಗ್ ವಿಭಾಗ

> ಸಂಘಟನೆ ಸಮಿತಿ. ಶ್ರೀಮತಿ ಪಲ್ಲವಿ ಜಿ ಎ , ಸಹಾಯಕ ಪ್ರಾಧ್ಯಾಪಕರು ಶ್ರೀಮತಿ ಪ್ರಿಯಾಂಕ ಎ , ಸಹಾಯಕ ಪ್ರಾಧ್ಯಾಪಕರು ಶ್ರೀಮತಿ ನಂದಿನಿ , ಸಹಾಯಕ ಪ್ರಾಧ್ಯಾಪಕರು

14 ಏಪ್ರಿಲ್ 2023// ಬೆಳಗ್ಗೆ 10.00 ಕ್ಕೆ // ಗ್ರಾಮಪಂಚಾಯತ್ ಕಛೇರಿ ಆವರಣ ಮೇಲುಕೋಟಿ, ಮಂಡ್ಯ ಜಿಲ್ಲೆ

ಶ್ರೀ ರಾಜೇಶ್ವರ್ ಕೆ ಅಧ್ಯಕ್ಷರು, ಮೇಲುಕೋಟೆ ಗ್ರಾ ಕಂ ಡಾ ಎಚ್ ರಾಮಕೃಷ್ಣ ,

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ಡಾ ಜಿ ಪಿ ಶಿವಶಂಕರ್

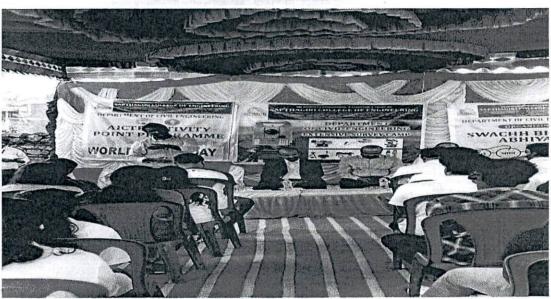
ಸಂಯೋಜಾಕರು ಶ್ರೀ ಸಂತೋಷ್ ಆರ್ ತಹಾಯಕ ಪ್ರಾಧ್ಯಾಪಕರು

Principal Sapthagiri College of Engineeri 14/5, Chikkesandra, Hesaraghatta Matrix Bengsluru - 560 057

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264

The chief guest of the event Dr. Ramaraju, vice Principal DSCE, Bengaluru, addressed the students and shared his experience in research in different environment activities and also spoke about how to dispose the waste and how to manage the waste, and also said about Swatch Bharat Abhiyan is one of the best practices which students are implementing in their AICTE activities.



Dr. Ramaraju addressed the students about environmental Impacts



Dr. Mahindra addressed the students about importance of human health and environment



Principal Sapthagiri College of Engineering 14/5, Chikkesandra, Hesaraghatta Main Read Bengaluru - 560 057

Dr G P Shivashankar, Professor (Environmental Engg, DSCE, Bengaluru) addressed the students, he said 'Inculcating Cleanliness is very important for a country to progress in front other foreign countries, also he said about the role of young generation in awakening the people of rural areas in creating the healthy environment in the villages.



Dr. Rajeshwari R spoke about different activities conducted by the students



Dr. G P Shivashankar addressed the students about environmental awareness

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

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Principal Sapthaġİri College of Èngineerii. 14/5, Chikkasandra, Hesaraghatta Main Road Bengaluru - 560 057 Dr Mahindra, Senior Physician, Bowring Hospital, Bengaluru addressed the students and said "About Fluoride is one of the most abundant elements found in nature. Water is the major dietary source of fluoride. Dental caries is an infectious and multi factorial disease afflicting most people in industrialized and developing countries and also spoke about unhygienic environment in the rural areas and communities, climate change and its health impacts and advocating for policies to address this problem.



#### Dr H Ramakrishna addressed the students

Dr H Ramakrishna, Principal, Sapthagiri College of engineering, Bengaluru also graced the event and addressed the staff and students of Civil Engineering department and appreciated the efforts of students and staff in conducting such events.

Dr R Rajeshwari, HOD-Department of Civil Engineering, the faculties of Department of Civil Engineering addressed about the event and enlighten students about the importance of extensive survey and maintaining our surrounding environment clean and even as a citizen of India to give awareness to surrounding people to have healthy life style and also said about AICTE activities to expose students to real time life challenges, to provide the opportunity to gather data, analyse data, propose solutions and implement solutions.

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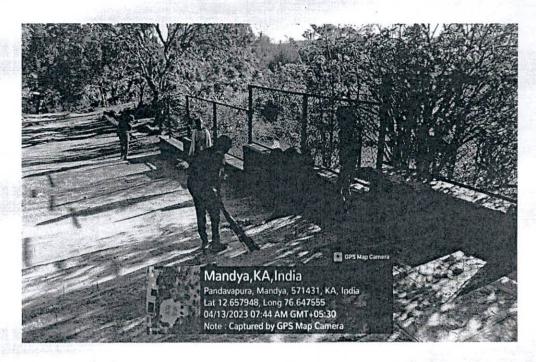


Photo of Swachh Bharath Abhiyan before cleaning



Photo of Swachh Bharath Abhiyan before cleaning

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



Students are cleaning steps near Raayagopura



Waste collected by the students

Principal Sapthagiri College of Engineering 14/5, Chikkasandra, Hesaraghatta Main Road Bengaluru - 560 057 HOD, Dept. of Civil Engg. S.C.E, Bangalore-560 057

*Type of Event/Activity	Workshop on New Technology in AI in Traffic Studies
Name/Title of the Event / Activity	Workshop
Date of Organization	16/3/2023
Venue (with address)	Sapthagiri Engineering College, Bangalore
Organized by	Department of Civil Engineering
Objectives of the event/activity	The Workshop was aimed to enlighten the Application of AI Based Traffic Studies.
Participants (Please attach list of participants, if it is organized/conducted in the dept.))	30 
Mention organized /participated/attended	

## 3) Workshop on New Technology in Al in Traffic Studies

#### **Event Description:**

A Workshop on New Technology in AI in Traffic Studies was organised for 3<sup>rd</sup> Semester Civil Engineering Students on 16 March 2023. The Workshop was aimed to enlighten the Application of AI Based Traffic Studies.

The Students were exposed to the Applications of Software from Prof. Vinodkrishna M Savadi and Er. Akhilish Methre Traffic Analyst ACEPL Hubli Guided the Students for Hands on Experience on AI Based Data from Sky. Prof. Santhosh R Coordinated for the Program

#### Images:

Note:

(i) After every event, please take feedback (online/offline).

(ii)At the end map PO's (with 3/2/1):

P01	PO2	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
- 141126	1-2-24	1	2	1 March 1	1	1.12	1	-		-	-

\*Type of Event / Activity: Workshop/seminar/conference/hackathon/hobby project/mini project/ Invited Talk/Guest Lecture/ Skill enhancement program/Cultural activity/competitions etc.,

Date of Submission:

NOTE : All the Events should be in one PDF File.

Signature of the HOD HOD, Dept. of Civil Child Sandra, Hesereghaite me S.C.E, Bangalore-560 U Bangaluru - 560 057

#### Workshop on New Technology in Al in Traffic Studies



SAPTHAGIRI COLLEGE OF ENGINEERING (AFFILIATED TO VTU, BELAGAVI AND APPROVED BY AICTE, NEW DELHI) (ISO 9001:2015 & ISO 14001:2015 CERTIFIED) (ACCREDITED BY NAAC WITH "A" GRADE) 14/5, HESARCHATTA MAIN ROAD, BANGALORE- 560057



DEPARTMENT OF CIVIL ENGINEERING WORKSHOP ON NEW TECHNOLOGY BASED ON AI IN TRAFFIC STUDIES

16 March, 2023 10:00am

> Venue ALH 409

SPEAKER ER. AKHILESH METHRE

> TRAFFIC ANALYST ACEPL, HUBLI

#### **CHIEF PATRONS**

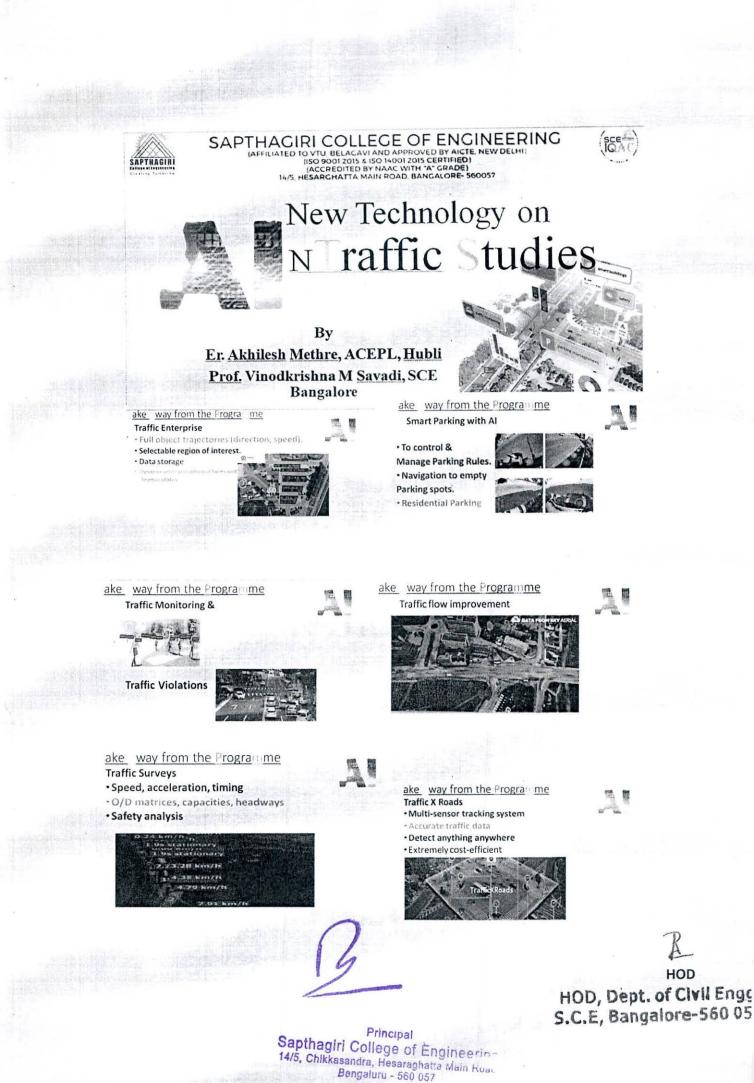
SRI G DAYANAND CHAIRMAN SRI D MANOJ MANAGING DIRECTOR DR. H RAMAKRISHNA PRINCIPAL

DR. RAJESHWARI R HOD PROF. VINOD KRISHNA M SAVADI CO ORDINATOR

A Workshop on New Technology in AI in Traffic Studies was organised for 3<sup>rd</sup> Semester Civil Engineering Students on 16 March 2023. The Workshop was aimed to enlighten the Application of AI Based Traffic Studies.

The Students were exposed to the Applications of Software from Prof. Vinodkrishna M Savadi and Er. Akhilish Methre Traffic Analyst ACEPL Hubli Guided the Students for Hands on Experience on AI Based Data from Sky. Prof. Santhosh R Coordinated for the Program

Sapthagiri College of Engineering 14/5, Chikkesandra, Hesaraghatta Main Rue



## 3) Workshop

*Type of Event/Activity	"Workshop"
Name/Title of the Event /Activity	Workshop on "Design Thinking and Innovations"
Date of Organization	14/12/2022
Venue	Sapthagiri college of engineering
Organized by	Department of Civil engineering
Objectives of theevent/activity	<ol> <li>Communication</li> <li>Problem solving methods</li> <li>Innovative Ideas to start a business</li> <li>Presenting information about current affairs</li> </ol>
Participants (Please attach list of participants, if it is organized/conducted inthe dept.))	30
Description	Design thinking and innovations workshop is initiated to third semester students to raises awareness of communications and innovative ideas.

Department of Civil Engineering, Sapthagiri College of Engineering, Bengaluru has Organized 'Workshop on Design thinking and Innovations' on 14/12/2022. HOD and Faculty members of the department were coordinated each activity. Pick and speak, Group discussions, Problem solving methods and innovative ideas to a start a business.

Dr R Rajeshwari, HOD-Department of Civil Engineering, addressed the students regarding the recycle products, reusage of water, new innovations in and around us and to encourage students to participate in economizing usage of paper and gave examples and activity ideas to save environment through our small daily routine work.

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
1	1	1	-	2	3	3	2	1	1	1	1

(i) After every event, please take feedback

(online/offline).(ii)At the end map PO's

(with 3/2/1):

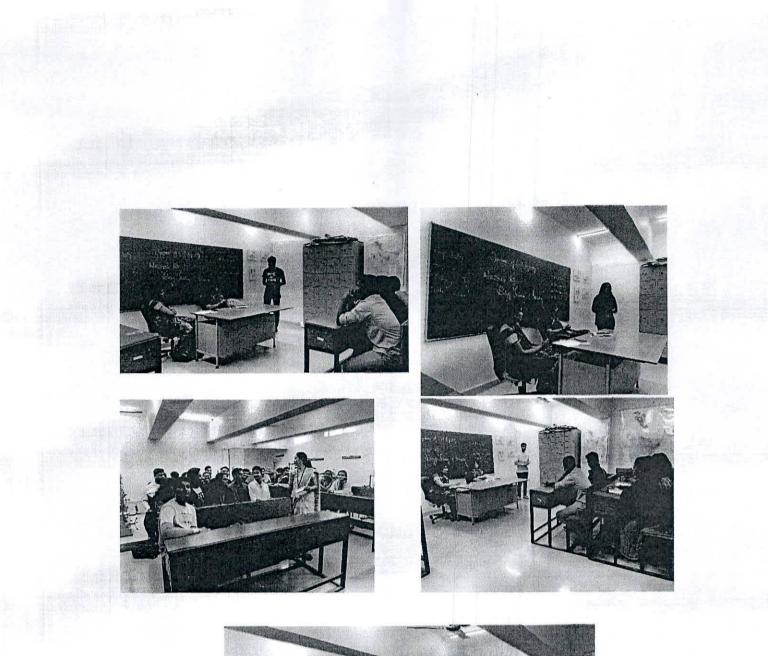
\*Type of Event / Activity:

Principal Sapthagiri College of Engineering 14/5, Chikkasandra, Hesaraghatta Main Road Bengaluru - 560 057 Workshop/seminar/conference/hackathon/hobby project/mini project/ Invited Talk/Guest Lecture/Skill enhancement program/Cultural activity/competitions etc.,

Signature of the HOD

SAPTHAGIRI COLLEGE OF ENGINEERING . (ISO 9001:2015 & ISO 14001-2015 CHRTICI TNAGIR ACCREDITED BY NAAC WITH TA" GRADE) 14/5, HESARGHATTA MAIN ROAD, BANGALORE GOOD DEPARTMENT OF CIVIL ENGINEERING WORKSHOP ON **DESIGN THINKING** "DESIGN THINKING AND INNOVATION" **IEF PATRONS** DR H RAMAKRISHNA SRI G DAYANAND SRI G D MANOJ CHAIRMAN MANAGING DIRECTOR PRINCIPAL DATE : 14.12.2022 DR R RAJESHWARI CO ORDINATORS VENUE: LABS - CIVIL BLOCK HOD ALL FACULTIES TIME: 2:00PM

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





Students with staff co ordinators

Principal Sapthagiri College of Èngineerinc 14/5, Chikkasandra, Hesaraghatta dalo Roac Bengaluru - 560 us

#### Attendance

	A.Y -2021-2022		Accepting by NAAC with "A" Chikkasandre, Resaughatia Main Rese PARTMENT OF CIVIL ENGIN	Ulleogeburo 550357	
	20 21 22 22 23 23 24 23	ISG21C V003 ISG21C V003 ISG21C V003 ISG21C V007 ISG21C V007 ISG21C V007 ISG21C V007 ISG21C V017 ISG21C	DHANUSH M DHANUSH MN DHANUSH R GAYATHRI SATISH GNAVERASAD M GURUPRASADA G GURUPRASADA G GURUPRASADA G GURUPRASADA G GURUPRASADA G LALIDIA KALA G LOKISH R MADHUMITHA M MANASA V MOHITH R NANDIHA C PATH NE DHRESH P PRATWAL KOLKAR RAHICL A	MONATURE ADDA DA DA DA DA DA DA DA DA DA DA DA D	
Feedback Report	28 29	SG21CV029 SG21CV030	SHREYAS S R SUPRITIA S TEJAS P VINAY KUMAR G	· S.E.E.Burn	200

12.0%

Norkshop feedback summary shows that event was relevant to their studies and help them in planning of future activities. Overall experience of exhibiting their work in front of faculties was good. 76% of tudents felt that it would be more satisified this type of events conducted in coming days.

HOD HOD, Dept. of Civil Engg S.C.E. Bangalore-560 05

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Principai Sapthagiri College of Enginee 14/5, Chikkasandra, Hesaraghatta Main , Bengaluru - 560 057

5 7.6 0%



#### SAPTHAGIRI COLLEGE OF ENGINEERING

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New ISO 9001 - 2015 & ISO14001 - 2015 Cer #14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru- 560 0057 Web: www.sapthagiri.edu.in, Email: principal@sapthagiri.edu.in Phone: 080-28 372800/1/2 Fax: 080-28 372797

#### Monthly Event Report for the month of December AY: 2022-23

#### DEPARTMENT OF CIVIL ENGINEERING

*Type of Event/Activity	National Pollution Control Day
Name/Title of the Event / Activity	Poster Presentation
Date of Organization	2/12/2022
Venue (with address)	Sapthagiri Engineering College
Organized by	Department of Civil Engineering
Objectives of the event/activity	Gathering an information about types pollution and its control methods, basic knowledge, an awareness about body language, team work, communication, societal interactions and responsibilities.
Participants (Please attach list of participants, if it is organized/conducted in the dept.))	90
Mention organized /participated/attended	

#### **Event Description:**

Poster Presentation has been organised to 3<sup>rd</sup>, 5<sup>th</sup>, 7<sup>th</sup>semester Civil Engineering students on 02.12.2022under the guidance of Faculty Coordinators. Principal Dr. H Ramakrishna sir, Dr Rajeshwari R, head of the department, evaluators Prof Parshwanath sir, Department of Mathematics, Dr.Veena S More, Department of Biotech, Dr. Harish, department of Physics were present in occasion.

All the Students were actively participated in presentation. Prepared posters on their own and presented in front of everyone.

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

#### Images:

#### Note:

(i) After every event, please take feedback (online/offline).

(ii)At the end map PO's (with 3/2/1):

P01	P02	PO3	P04	P05	P06	P07	P08	P09	P010	P011	P012
1	1	-	1	-	-	1	-	1	-	-	-

\*Type of Event / Activity:

一口 动物 教生生 新闻

Workshop/seminar/conference/hackathon/hobby project/mini project/ Invited Talk/Guest Lecture/ Skill enhancement program/Cultural activity/competitions etc.,

Date of Submission:

# Signature of the HOD

NOTE : All the Events should be in one PDF File.

S.C.E, Bangalore 540 857

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



# SAPTHAGIRI COLLEGE OF ENGINEERING

(Accredited by NAAC with "A" grade) (An ISO 9001:2015 & ISO 14001:2015 Certified Institution) (Affiliated to VTU, Belagavi and approved by AICTE, New Delhi)

#### DEPARTMENT OF CIVIL ENGINEERING

#### A Report on National Pollution Control Day



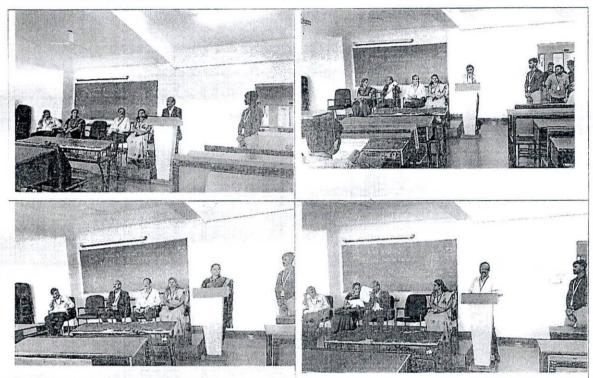
Principal Sapthagiri College of Èngineering 14/5, Chikkasandra, Hesaraghatta Main Road Bengaluru - 560 057

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TIME: 2:00PM TO 4:00PM

CO ORDINATORS ALL FACULTIES

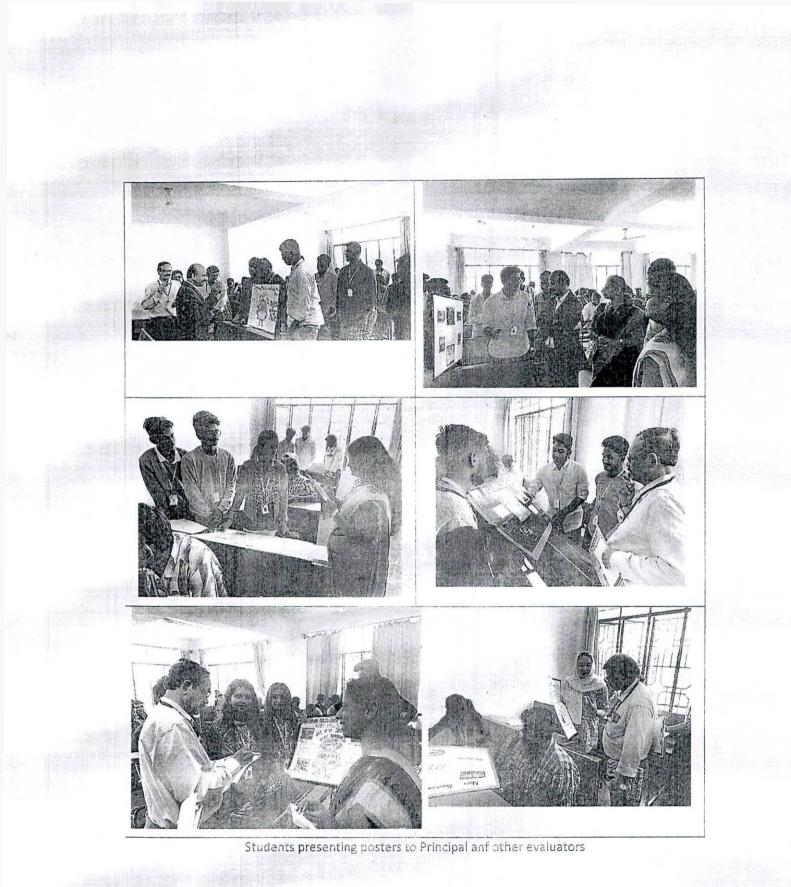
All the Students were actively participated in presentation. Prepared posters on their own and presented in front of everyone. They even communicated with evaluators and faculty members. Presentation involves in gathering an information about types pollution and its control methods, basic knowledge, an awareness about body language, team work, communication, societal interactions and responsibilities.



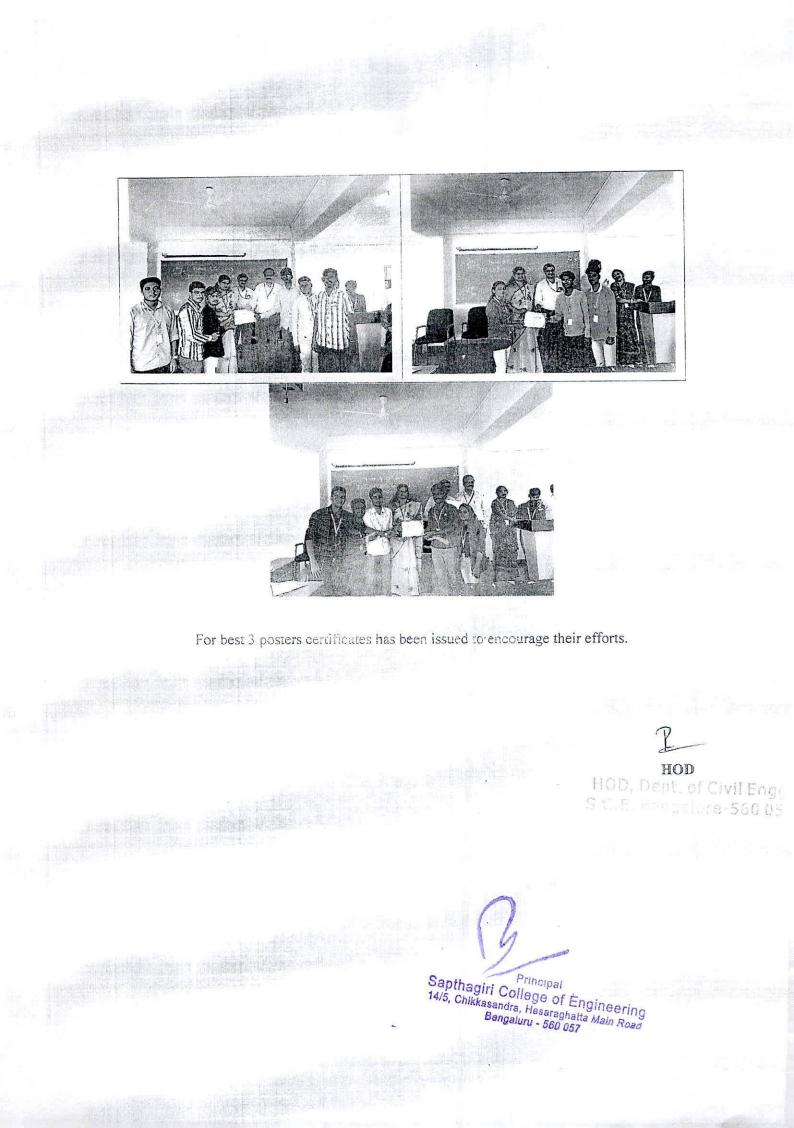
Principal and dignitaries addressing the gather



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



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



### lobal Awareness Program

ype of event/activity	Global Awareness Program
.me/Title of the tivity/Event	Global Awareness Program
partment	Civil Engineering
te of Organization	24-11-2022
nue 'ith address)	Sapthagiri College of Engineering
jectives of the ent/activity	To enhance the knowledge to create and sustain awareness levels with respect to global happenings and current events.
rticipants ease attach list of ticipants if it is ganized/conducted in dept.))	5 <sup>th</sup> sem students – 39 students

### ent Description:

e talk was conducted on 'Global Awareness by Mr. Harish, Trainee at Nestlings, for 5<sup>th</sup> Semester idents at Sapthagiri College of Engineering, Bangalore on 24<sup>th</sup> Nov 2022. This Program aims to vide importance of categorizing companies which provide more opportunities to enter industry to prove career opportunities. Students were interacting throughout the session as it was more eractive and interesting.

### Note:

(i)At the end map PO's (with 3/2/1):

P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
3	2	2			1		1	2	2	1	1

\*Type of activity: Technical talk on Global Awareness

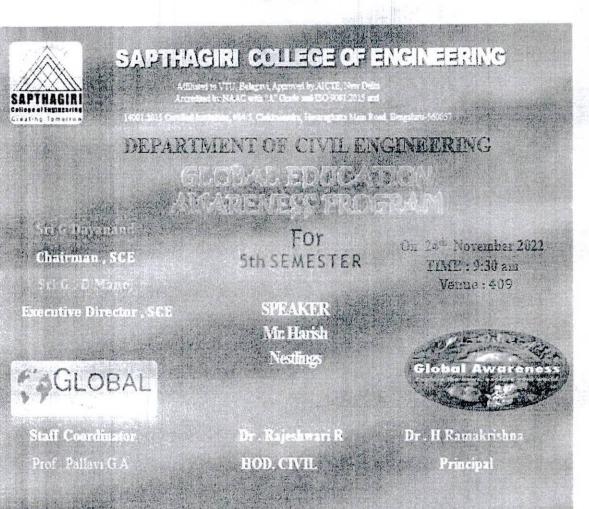
Workshop/seminar/conference/hackathon/hobby project/mini project/ InvitedTalk/Guest Lecture/

Skill enhancement program/Cultural activity/competitions etc.,

Date of Submission: 24-11-2022

Signature of the HOD HOD, Dept. of Civil Engg. S.C.E. Bangalore 560 057

## REPORT ON GLOBAL EDUCATION AWARENESS PROGRAM



Global Awareness Program has been organized to 5<sup>th</sup> semester Civil Engineering students on 28.11.2022. The program gave the students information Indian Economy with construction industry, construction job profiles and companies, Future of Construction Industry and Technology used in current construction field. This talk was given by the speaker provided information on where exactly students can find jobs and what should be the skills needed in Construction Industries. The speaker provided information on construction companies and its categories. The speaker gave opportunity to attend Leadership program for all the students. Overall, the students felt that the session was informative & amp, gain knowledge



Sapthagiri College of Fordboost



Same and a served

SL.NO.	USN	STUDENT NAME
1	1SG20CV001	ADARSH PANDEY
2	1SG20CV002	AKSHAY GOWDA B M
3	1SG20CV003	ANAND
4	1SG20CV004	BHOOMIKA D R
5	1SG20CV005	DHANUSH LK
6	1SG20CV006	HARSHAVARDHAN M
7	1SG20CV008	K LOHIT BABU
8	1SG20CV009	KARTHIK KJ
9	1SG20CV010	KISHAN S
10	1SG20CV011	LAKSHMAN NAIK KS
11	1SG20CV012	MOHD MUDASSAR RATHAR
12	1SG20CV013	NABIN KUMAR MAHATO
13	1SG20CV014	NEHA T M
14	1SG20CV015	NISARGA S S
15	1SG20CV016	PRATHIKSHA P PALANKAR
16	1SG20CV017	PREETHAM K R
17	1SG20CV018	RAKSHITHA R
18	1SG20CV019	ROHAN M
19	1SG20CV021	SAGAR MN
20	1SG20CV022	SANKETH VALAHATTI
21	1SG20CV023	SHARAN S MALI PATIL
22	1SG20CV024	SHIVARAJAKUMARPARAS APPAHOLIYACHI
23	1SG20CV026	SUJAY GOWDA G
24	1SG20CV027	SUMA S
25	1SG20CV028	TARUN K
26	1SG20CV029	TEJAS M
27	1SG20CV030	THANUSHREE K S
28	1SG20CV031	VENKATESH
. 29	1SG20CV032	VIDYA S
30	1SG20CV033	VINAY V
31	1SG20CV034	YAMUNA KR
32	1SG20CV035	YASHAS K A
33	1SG20CV036	YASHU GOWDA R

34	150200 005/	YOUNIS ARMAD TALI
35	1SG21CV400	BINDUSHREE A S
36	1SG21CV401	DARSHAN R
37	1SG21CV402	KIRAN M
38	1SG21CV404	MANJUNATH NAIK L
39	1SG21CV405	MANOJ D M

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# Sapthagiri College of Engineering

(Affiliated to Visvesvaraya Technological University, Belgaum & Approved by AICTE, New Delhi) (Accredited by NAAC with "A" Grade, Accredited by NBA) (ISO 9001 : 2015 & 14001 : 2015 Certified Institution) 14/5,chikkasandra, hesaraghatta main road bengaluru – 560 057

# **Department of Civil Engineering**

Date: 01.07.2022

Principal, thagiri College of Engineering, galuru.

artment of Civil Engineering,

thagiri College Engineering,

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

pected Sir,

ough, HOD,

galuru.

: - Regarding the Conduction of Jal Shakthi Abhiyan: Catch the Rain - 2022. Ref. Email Mar 27, 2022 from admin@aicte-india.org

With reference to the above subject, as per the circular issued by AICTE and orders of Jal Shakthi Abhiyan, an awareness program has to be conducted in every technical itution (Ref Email Copy Attached) with respect to that, we have planned to conduct a ALKATHON spreading CAMPAIGN on WATER CONSERVATION AND INWATER HARVESTING from Students of Sapthagiri College of Engineering starting n our college towards 8<sup>th</sup> Mile. So, we request you to permit us to conduct the program grant us the required amount of budget to execute the program successfully. The details Judget have been shown below:

NO	DESCRIPTION	AMOUNT
l	Hats for Students and Staff with Jal Shakthi Abhiyan Logo	2000/-
	Stationaries (Card Board Sheets, Boards, sticks for spreading Awareness and for holding by Students)	1500/-
	Banner	500/-
	Water Bottles/Juice bottles	1000/-
1	TOTAL	5000/-

request you to kindly do the needful and oblige sir, nking You,

Croster H.B Mamatha H K -ordinator)

01/07/22 Dr. Rajeshwari R HOD - Dept of Civil HOD, Dept. of Civil Engg. S.C.E, Bangalore-560 057

-19/2022(CPP-II)		25 <sup>th</sup> March, 2022
sh Jain <sup>Iry</sup>		Fax : 011-23236268/23239337 Fax : 011-2323 8858 E-mail : secy.ugc@nic.in
ा जैन		बहादुरशाह जफ़र मार्ग, नई दिल्ली–110002 Bahadur Shah Zafar Marg, New Delhi-110002 Ph.: 011-23236288/23239337
विमुक्तये	साथ हा स सार्य मेथ जायरो	(शिक्षा मंत्रालय, भारत सरकार) (Ministry of Education, Govt. of India)

Sub: Jal Shakti Abhiyan: Catch The Rain - 2022

d Madam/Sir,

you are aware that the Government of India implemented the Jal Shakti Abhiyan to rareness and bring together all stakeholders in a mass movement to conserve and water. Water conservation and recharge is of utmost importance to ensure water or our country to protect lives and livelihoods. Ministry of Jal Shakti has proposed tation of "Jal Shakti Abiyan: Catch The Rain-2022". The campaign is to be ted with the theme "Catch the Rain, where it falls, when it falls" from the end of 30.11.2022.

ie recommendations for the implementation of the campaign are:

- 1. Water conservation and rainwater harvesting
- 2. Renovation of traditional and other water bodies / tanks
- 3. Reuse, borewell recharge structures
- 4. Watershed development

te campaign may be given wider publicity by disseminating the information on the websites / social media of the HEIs.

ne Higher Educational Institutions are requested to upload the action plans and on the EBSB portal <u>https://ekbharat.gov.in</u> to promote "Jal Shakti Abhiyaan". They are quested to submit the latest status on action(s) taken for creation of water conservation 3 in their buildings and campuses and programs/events initiated for awareness among nts about water conservation & rainwater harvesting.

lith kind regards,

Yours sincerely,

(Rajnish Jain)

-Chancellors of all Universities cipals/Directors of all Colleges / Institutes

Hop-Cur

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

oring

## Abhiyan: Catch The Rain — 2022- Regarding

@aicte-india.org> pthagiri.edu.in

Sun, Mar 27, 2022 at 6:31 PM

m,

All India Council for Technical Education, New Delhi!

are that the Government of India implemented the Jal Shakti Abhiyan to create awareness and bring keholders in a mass movement to conserve and recharge water. Water conservation and recharge is of ince to ensure water security for our country to protect lives and livelihoods. Ministry of Jal Shakti has ementation of "Jal Shakti Abiyan: Catch The Rain-2022". The campaign is to be implemented with the the Rain, where it falls, when it falls" from the end of March to 30.11.2022.

idations for the implementation of the campaign are.

onservation and rainwater harvesting tion of traditional and other water bodies / tanks borewell recharge structures ned development

may be given wider publicity by disseminating the information on the institutes websites / social media of

proved Institutions are requested to upload the action plans and activities on the EBSB portal :at.gov.in/ to promote "Jal Shakti Abhiyaan". They are further requested to submit the latest status on of or creation of water conservation structures in their buildings and campuses and programs/events areness among the students about water conservation & rainwater harvesting

requested to send us participation information from your esteemed institution PI find attached herewith send us information.

ogle.com/forms/d/e/1FAIpQLScIjQIITLWAEVO2RnWmYwN4Aj6Ed\_8C-GJnSUhLY2eXI4FF2g/viewform?

rive.google.com/file/d/1CkxVLbRxdQt8H2bZgCnkNDtqHUomi2fc/view?usp=sharing

1/ डॉ. अमित दत्ता :tor গন্ত / Student Development Cell (StDC) तकनीकी शिक्षा परिषद / All India Council for Technical Education (AICTE) 3 / Nelson Mandela Road देल्ली / Vasant Kunj, New Delhi

≥ 011-29581117 site www.aicte-india.org ship.aicte-india.org/

28/3/22

# JAL SHAKTI ABHIYAN

*Type of event/activity	WALKTHON between stretch of Sapthagiri college of engineering to MEI ground
Name/Title of the Activity/Event	JAL SHAKTI ABHIYAN
Department	Civil Engineering
Date of Organization	08-11-2022
Venue (With address)	Sapthagiri college of engineering to MEI ground, Bengaluru
Objectives of theevent/activity	To create awareness in the public to conserve water
Participants (Please attach list of participants, if it is organized/conducted inthe dept.))	3 <sup>rd</sup> , 5 <sup>th</sup> & 7 <sup>th</sup> semester Students

### Description:

An account of this JAL SHAKTHI ABHIYAN, Sapthagiri college of engineering, Department of ngineering conducted WALKTHON between stretch of Sapthagiri college of engineering to MEI 1 on 8/11/2022 Tuesday. To create awareness in the public to conserve water students walked on road ding the Flockhart's. With the help of HOD and the faculties, visit went smoothly and studentsnined discipline during walkthon.

### ie end map PO's (with 3/2/1):

P01	PO2	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
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\*Type of activity: JAL SHAKTI ABHIYAN

Signature of the HOD

FRAM.

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

### SHAKTI ABHIYAN: CATCH THE RAIN- 2022

As we are aware that the Government of India implemented the Jal Shakti Abhiyan to create ness and bring together all stakeholders in a mass movement to conserve and recharge water. Water rvation and recharge is of utmost importance to ensure water security for our country to protect lives velihoods. Ministry of Jal Shakti has proposed implementation of "Jal Shakti Abiyan: Catch the Rain-. The campaign is to be implemented with the theme "Catch the Rain, where it falls, when it falls" the end of March to 30.11.2022. recommendations for the implementation of the campaign are.

ter conservation and rainwater harvesting

novation of traditional and other water bodies / tanks

ise, borewell recharge structures

#### tershed development

count of this Abhiyan in Sapthagiri college of engineering, department of civil engineering conducted KTHON between stretch of Sapthagiri college of engineering to MEI ground on 8/11/2022 Tuesday. ate awareness in the public to conserve water students walked on road by holding the Flockhart's.



Students In Public Place

ATTOTAL A DETACTO

		5 <sup>th</sup> & 7 <sup>TH</sup> SEM	9 miles
<b>SI.</b> No.	USN	Name of the student	
1	1SG18CV020	GIRISH M	
2	1SG18CV030	MAYUR K	Principal
3	1SG18CV048	SHARATH PATIL	Sapthagiri College of Engineering
4	1SG18CV049	SHIVAPRASAD V	14/5, Chikkasandra, Hesaraghatta Main Road Bengaluru - 560 057
5	1SG19CV001	ABHISHEK S N	and the second second second
6	1SG19CV003	AMRUTHA D	

	7	1SG19CV004	ANIL KUMAR B V
-	8	1SG19CV005	ATHISH SANJAY NAYAKA
T	9	1SG19CV006	BHUVAN S
	10	1SG19CV008	CHANDANA C
T	11	1SG19CV009	DARSHAN R
ſ	12	1SG19CV010	DARSHAN S
	13	1SG19CV011	DIVAKAR N G
ſ	14	1SG19CV012	GOPALKUMAR P
	15	1SG19CV013	GURUPRAKASH AGNI
	16	1SG19CV014	HARISH KUMAR B
	17	1SG19CV015	HEMANTH GOWDA P
	18	1SG19CV016	KEERTHANA B
	19	1SG19CV017	KEERTHI K M
	20	1SG19CV018	KIRAN H N
	21	1SG19CV019	KRISHNA KANT SAHU
	22	1SG19CV020	MAHADEV PRASAD R
	23	1SG19CV021	MD NASRULLAH FAIZ
	24	1SG19CV022	MOKSHA LAKSHMI B R
	25	1SG19CV023	MONISHA G
	26	1SG19CV024	N PREETHI RAJ
	27	1SG19CV025	NEHA MURTHY G
	28	1SG19CV026	PRUTHVI RAJ R
	29	1SG19CV027	PRUTHVI S BHAT
	30	1SG19CV028	PUNITH KP
	31	1SG19CV029	PUNITH KUMAR S
	32	1SG19CV031	RESHMA M L
	33	1SG19CV032	RISHAB
	34	1SG19CV033	ROHITH V
	35	1SG19CV034	ROOPESH YADAV V
	36	1SG19CV035	SHAMANTH K C
	37	1SG19CV036	SYED HASEEB
	38	1SG19CV037	THANUSHREE V
	39	1SG19CV038	UJWAL B PATEL
	40	1SG19CV039	VEENASHRI
	41	1SG19CV040	VISHWAS R
	42	1SG19CV041	YASHAS G
-	43	1SG19CV042	YASHAS S
	44	1SG19CV043	YOGESH GOWDA S

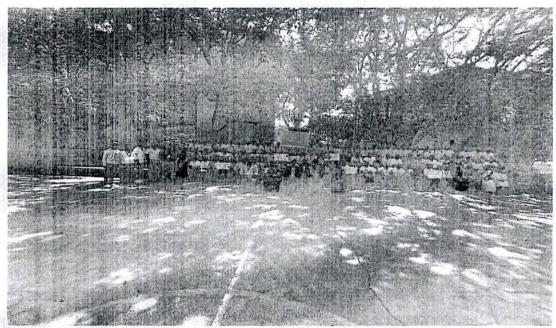
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45	1SG19CV044	WAQAS AHMAD SHEIKH
46	1SG19CV045	Prashanth Gowda N C
47	1SG20CV400	ABHISHEK D
48	1SG20CV401	ANAND S
49	1SG20CV402	DILIP KUMAR M U
50	1SG20CV403	KAUSAR PARVEEN
51	1SG20CV404	NAVEEN K B
52	1SG20CV405	SANTHOSHA G B
53	1SG20CV406	SRINIVAS GOWDA C
54	1SG20CV407	VARUN B M
55	1SG20CV408	YOGESH MURTHY H M

1	1SG20CV001	ADARSH PANDEY	
2	1SG20CV002	AKSHAY GOWDA B M	
3	1SG20CV003	ANAND	
4	1SG20CV004	BHOOMIKA D R	
5	1SG20CV005	DHANUSH LK	
6	1SG20CV006	HARSHAVARDHAN M	
7	1SG20CV008	K LOHIT BABU	
8	1SG20CV009	KARTHIK KJ	
9	1SG20CV010	KISHAN S	
10	1SG20CV011	LAKSHMAN NAIK KS	
11	1SG20CV012	MOHD MUDASSAR RATHAR	
12	1SG20CV013	NABIN KUMAR MAHATO	16
13	1SG20CV014	NEHA T M	Constanting of the local division of the loc
14	1SG20CV015	NISARGA S S	
15	1SG20CV016	PRATHIKSHA P PALANKAR	了在这种道言中。
16	1SG20CV017	PREETHAM K R	
17	1SG20CV018	RAKSHITHA R 14/5, C/	Principal Agiri College of Engineering Bengaluru - 560 057 Main Road
18	1SG20CV019	ROHAN M	Bengal, Hesar
19	1SG20CV021	SAGAR MN	Saluru - 560 057 Main Dring
20	1SG20CV022	SANKETH VALAHATTI	Road
21	1SG20CV023	SHARAN S MALI PATIL	
22	1SG20CV024	SHIVARAJAKUMARPARASAPPAHOLIYA CHI	
23	1SG20CV026	SUJAY GOWDA G	
24	1SG20CV027	SUMA S	
25	1SG20CV028	TARUN K	

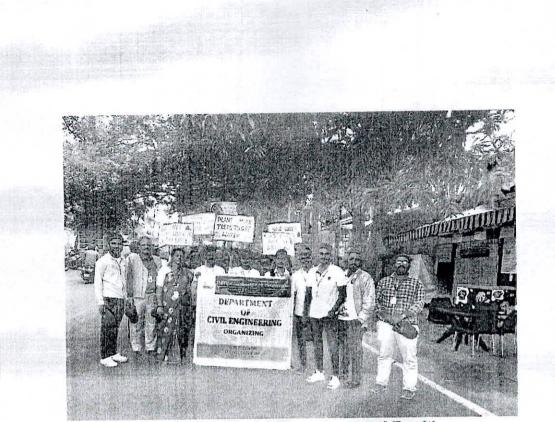
26	1SG20CV029	TEJAS M
27	1SG20CV030	THANUSHREE K S
28	1SG20CV031	VENKATESH
29	1SG20CV032	VIDYA S
30	1SG20CV033	VINAY V
31	1SG20CV034	YAMUNA KR
32	1SG20CV035	YASHAS K A
33	1SG20CV036	YASHU GOWDA R
34	1SG20CV037	YOUNIS AHMAD TALI
35	1SG21CV400	BINDUSHREE A S
36	1SG21CV401	DARSHAN R
37	1SG21CV402	KIRAN M
38	1SG21CV404	MANJUNATH NAIK L
39	1SG21CV405	MANOJ D M

**FOGRAPHS** 



Function @Sapthagiri College Of Engineering

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



Students With Head Of Department And Faculties.



Students Walking On Road.

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



HOD HOD, Dept. of Cilli S.C.E. Bangalore-560 Sapthagiri College of Engineering 14/5, Chikkasandra, Hesaraghatta Main Road Bengelury - 960 057



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

### DEPARTMENT OF CIVIL ENGINEERING List of Industrial / Exhibition Visits Organized(2022-23)

Program	Name of the Event	Date of Conduction	Semester	No. Of students
Section and the section of the secti	Academic year 2022-23	L		
Industrial visit	Visit to Sewage treatment plant- Mailsandra	13/10/2022	8th	55
Industrial visit	Visit to Pre Cast Yard	4/11/2022	8th	51
Site visit	Site visit C block Sapthagiri	08-11-2022	8 <sup>th</sup> and 6th	89
Industrial visit	Industrial visit of BIS Bangalore	10/11/2022	8th	50
Industrial visit	Visit to Construction site	23/11/2022	8th	49
Heritage Tour	Heritage Tour	24-11-2022	4th	33
Industrial visit	Industrial visit Site visit A block Sapthagiri NPS University.		6 <sup>th</sup> and 4th	60
Site visit	Markonahalli Dam Site Visit,	05/12/2022	6 <sup>th</sup> and 4th	64
Industrial visit	Fire Station	12/1/2023	4th	31
Site visit	K &C Valley	9/3/2023	4th	35

K HOD

HOD, Dept. of Civil Engg. S.C.E, Bangalore-560 057

Sapthagiri College of Engineerin 14/5, Chikkegandra, Hesaraghatta Main Roac Bengaluru - 560 057

### 2) K & C Valley Site Visit

*Type of Event/Activity	K & C Valley Site Visit
Name/Title of the Event / Activity	Site Visit
Date of Organization	9/3/2023
Venue (with address)	Sapthagiri Engineering College, Bangalore
Organized by	Department of Civil Engineering
Objectives of the event/activity	To enhance the knowledge of construction and working of Primary and Secondary units
Participants (Please attach list of participants, if it is organized/conducted in the dept.))	30
Mention organized /participated/attended	

### **Event Description**:

Koramangala and Challaghatta (K&C) Valley Sewage treatment Plant visit has been organised for 3rd semester Civil Engineering students on 09.03.2023 under the guidance of Prof. Nandini I V. Students were taken to Sewage treatment plant, Plant Manager Mr. Lingaraju and team in the Plant explained very well about the working of primary and secondary treatment units (Screening & Grit chamber, Aeration tanks, Secondary Clarifier, Storage Tank) and their importance

### Images:

### Note:

(i) After every event, please take feedback (online/offline).

(ii)At the end map PO's (with 3/2/1):

P01	PO2	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
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\*Type of Event / Activity: Workshop/seminar/conference/hackathon/hobby project/mini project/ Invited Talk/Guest Lecture/ Skill enhancement program/Cultural activity/competitions etc.,

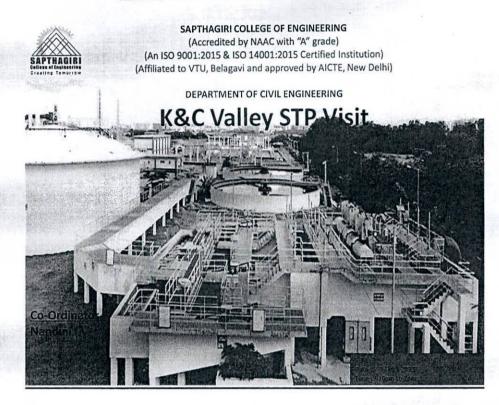
Date of Submission: HOD

NOTE : All the Events should be in one PDF File.

Signature of the HOD, Dept, of Giv S.C.E, Bangalore-560

Sapthagiri Collage of Engineer 14/5, Chikkasandra, Hesaregkova diain Ri Bengalury - 560 0575





Koramangala and Challaghatta (K&C) Valley Sewage treatment Plant visit has been organised for 3rd semester Civil Engineering students on 09.03.2023 under the guidance of Prof. Nandini I V.

Students were taken to Sewage treatment plant, Plant Manager Mr. Lingaraju and team in the Plant explained very well about the working of primary and secondary treatment units (Screening & Grit chamber, Aeration tanks, Secondary Clarifier, Storage Tank) and their importance. In plant we noticed reduction of COD was around 88% and BOD<sub>5</sub> was 95.67%. Plant having facility to do secondary treatment like Trickling filters, activated sludge and Aeration tanks with Aerated lagoons and oxidation ponds and given complete details about disposal methods. Treated water usually sent to kolar district farmers for irrig ation purposes and solid waste generated from the treatment units given further treatment and converted into compost which can be used as fertilizer to improve the fertility of soil.

### **Preliminary Treatment Section**

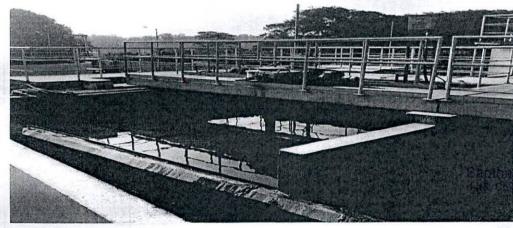


Fig 1: Screenings & Grit Removal System

### **Primary Treatment section**

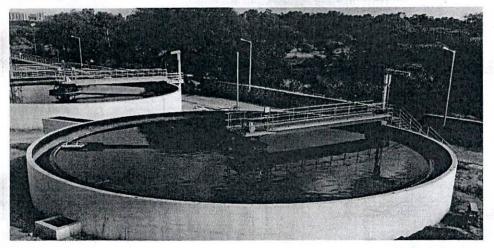


Fig2. Primary Clarifier & Primary Sludge Pumping Station



Fig3. Activated Sludge Process with Biological Nutrient Removal

The biological treatment is based on Activated Sludge Process with Biological Nutrient Removal by using A<sub>2</sub>O Process. It comprises of three zones:

- 1. Anaerobic Zone Anaerobic conditions promote enhanced biological phosphorus removal
- Anoxic Zone This zone in the activated sludge tank is designed to support the biological nitrogen removal with de-nitrification.
- Aerobic Zone This zone provides a means for efficient oxidation of BOD and with the proposed sludge age, conversion of ammonia to nitrite and then to nitrate for enhanced nitrification.

### SECONDARY TREATMENT SECTION

Principal Sapthagiri College of Engineering 14/5, Chikkasandra, Hesaraghatta Main Road 3 Bengaluru - 560 057

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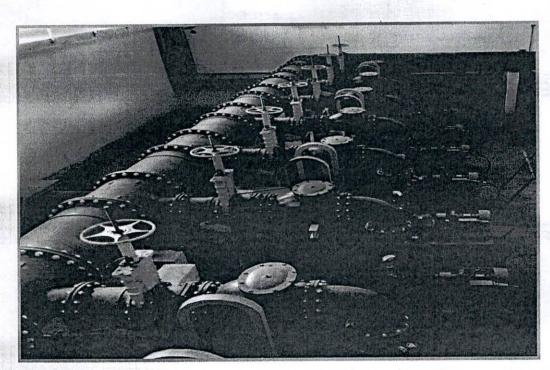
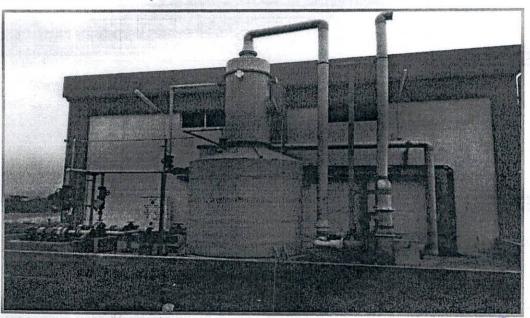


Fig. Secondary clarifier and RAS pumping station.

- Secondary Clarifier: The major task of secondary clarifier is to separate the activated sludge from the treated wastewater, producing an effluent with a very low concentration of suspended solids and BOD<sub>5</sub>.
- 2. RAS pumping station: The RAS pumps recycle the settled sludge from secondary clarifier to anaerobic zone of the biological treatment section.



Chlorine disinfection system

Fig. Chlorination tank

The system comprises of Chlorine Contact Tank - Chlorine Contact Tank is provided for disinfection of treated effluent from the upstream Secondary Clarifiers.

### Sludge treatment section

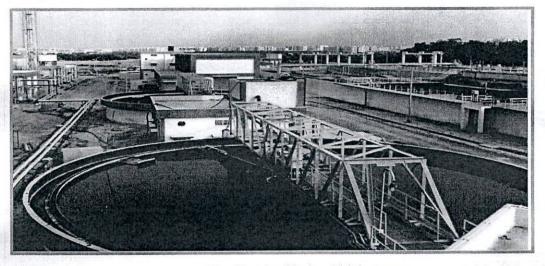


Fig. Gravity Sludge Thickeners

Gravity Sludge Thickeners – are provided for combined thickening of Primary sludge and Waste Activated Sludge.

Thickened Sludge Pumps – are provided for pumping of Thickened sludge from the Thickeners.

### Sludge treatment section

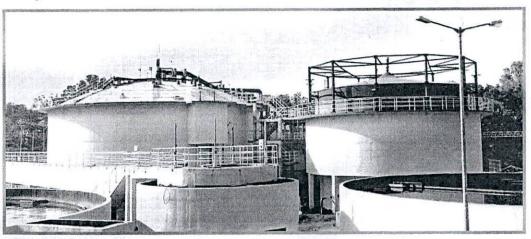


Fig. Anaerobic Sludge Digesters

Anaerobic Sludge Digesters – are provided for thickened Sludge Digestion using Mesophilic single-stage and single-phase process.

Sludge/Biogas Storage Tanks – are provided to store the digested sludge. These tanks are provided with floating gas-holder covers with gas space connected to the gas space of the Digesters and thus serve the additional function of storage of the biogas produced in the Digesters

Sludge treatment section

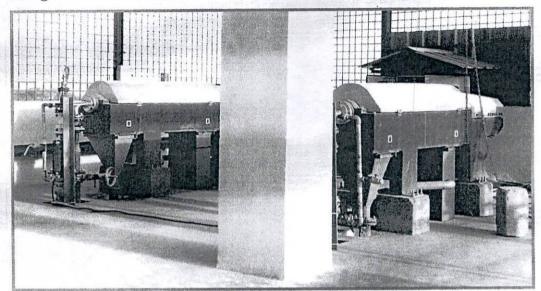


Fig. Centrifuge - For dewatering of digested sludge and cake formation.

Biogas handling section: Biogas Scrubbing System - to remove hydrogen sulfide available in biogas content because of its corrosive characteristic.

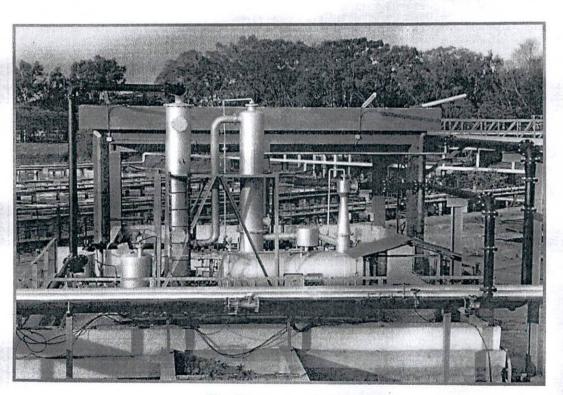
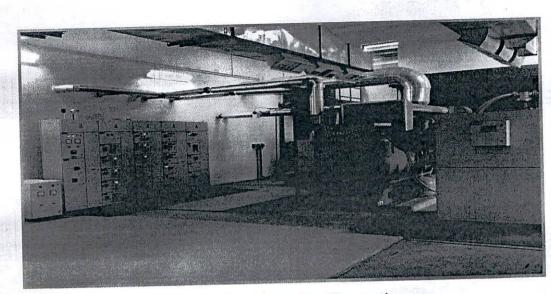
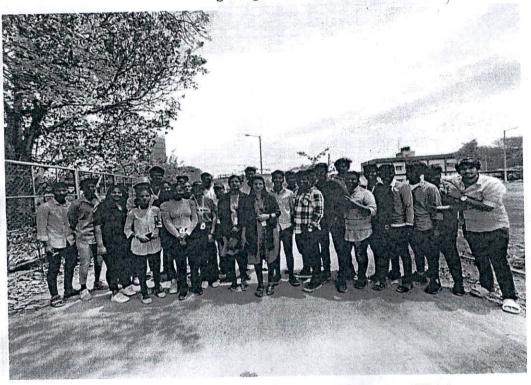


Fig. Biogas Scrubbing System

Biogas handling section :Gas Engine Generator Set - to generate power from biogas having capacity of 100 MW of power generation till date



# Fig. biogas handling section



# Fig. Staff Co-ordinator with students at K&C valley STP plant



### SAPTHAGIRI COLLEGE OF ENGINEERING



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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

### Monthly Event Report for the month February 2023

### DEPARTMENT OF CIVIL ENGINEERING

*Type of Event/Activity		
Name/Title of the Event / Activity		
Date of Organization	-	
Venue (with address)		
Organized by	Department of Civil Engineering	
Objectives of the event/activity	-	
Participants (Please attach list of participants, if it is organized/conducted in the dept.))		
Mention organized /participated/attended	-	

### **Event Description:**

Images:

Note:

(i) After every event, please take feedback (online/offline).

(ii)At the end map PO's (with 3/2/1):

P01	PO2	PO3	P04	PO5	P06	PO7	P08	P09	P010	P011	P012
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### \*Type of Event / Activity:

Workshop/seminar/conference/hackathon/hobby project/mini project/ Invited Talk/Guest Lecture/ Skill enhancement program/Cultural activity/competitions etc.,

Date of Submission:

NOTE : All the Events should be in one PDF File.

Signature of the HOD HOD, Dept. of Civil Engg. S.C.E, Bangalore-560 057



# SAPTHAGIRI COLLEGE OF ENGINEERING

(Affilliated to VTU, Belagaviand approved by AICTE, NEW DELHI) (ISO 9001:2015 & ISO 14001:2015 Certified) (Accredited by NAAC with "A" Grade) 14/5, Hesarghatta Main Road, Bangalore- 560057

### **Department of Civil Engineering**

### Monthly Event Report for the month of January 2023

Type of event or Activity	Fire station visit
Name/Title of the event / Activity	Fire station visit
Date of Organisation	12:01.2023
Venue	Fire Station, Peenya
Organised by	Department of Civil Engineering
Objectives of Events / activity	This site visit involves in gathering an information about types of emergencies and its safety methods, control methods, basic knowledge, an awareness about emergency, time sense, team work, communication, societal interactions and responsibilities.
Participants (Please attach list of participants, if it is organized/conducted in the dept.)	30

Event Description

Fire station visit has been organised for 3rdsemester Civil Engineering students on 12.1.2023under the guidance of Prof Priyanka A.

Students were taken to Fire station, Peenya. Staffs in the fire station explained very well about safety in buildings, demonstrated small fire rescue in front of students. They even communicated with staffs and asked many questions about rescue operations, safety measures and many more precautions. This site involves in gathering an information about types of emergencies and its safety methods, control methods, basic knowledge, an awareness about emergency, time sense, team work, communication, societal interactions and responsibilities.

> Sapthaniri College of Engineering 14/5, Chinada 1852 Bongmara = 800 057

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Images:

Note:

(i) After every event, please take feedback (online/offline).

(ii)At the end map PO's (with 3/2/1):

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
1	2	1	2		1	1	1	1	2	-	3

\*Type of Event / Activity:

Workshop/seminar/conference/hackathon/hobby project /mini project/ Invited Talk/Guest Lecture/Skill enhancement program/Cultural activity/competitions etc.,

Date of Submission:

NOTE: All the Events should be in one PDF

Signature of the HOD HOD, Dept. of Civil Engg. S.C.E, Bangalore-560 057



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### **DEPARTMENT OF CIVIL ENGINEERING**

### A Report on Fire station visit



Fire station visit has been organised for 3rdsemester Civil Engineering students on 12.1.2023under the guidance of Prof Priyanka A.

Students were taken to Fire station, Peenya. Staffs in the fire station explained very well about safety in buildings, demonstrated small fire rescue in front of students. They even communicated with staffs and asked many questions about rescue operations, safety measures and many more precautions. This site involves in gathering an information about types of emergencies and its safety methods, control methods, basic knowledge, an awareness about emergency, time sense, team work, communication, societal interactions and responsibilities.



Fire fighter Mr. Krishnappa explaining students about Rescue Vehicle



Fire fighters explaining about specific design of vehicle



Fire fighter Mr. Krishnappa explaining students about fire afory and its measures



Staff co Ordinator and students with fire station staffs

R

HOD HOD, Dept. of Civil Engg. S.C.E, Bangalore-560 057



### SAPTHAGIRI COLLEGE OF ENGINEERING

(Affiliated to Visvesvaraya Technological University, Belagavi& Approved by AICTE, New Delhi.) ISO 9001 – 2015 & ISO14001 – 2015 Certified #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

Monthly Event Report for the month of December AY:2022-23

### DEPARTMENT OF CIVIL ENGINEERING

*Type of Event/Activity	Dam site visit						
Name/Title of the Event / Activity	site visit						
Date of Organization	5/12/2022						
Venue (with address)	Markonahalli Dam, Kunigal Taluk, TumkurDist						
Organized by	Department of Civil Engineering						
Objectives of the event/activity	<ol> <li>Understand the different forces acting on a dam.</li> <li>Understand the Considerations engineers must make when designing a dam.</li> </ol>						
Participants (Please attach list of participants, if it is organized/conducted in the dept.))	70						
Mention organized /participated/attended							

### **Event Description:**

As a part of curriculum industrial visit has been organised to 3<sup>rd</sup> and 5<sup>th</sup> semester Civil Engineering students on 05/12/2022 under the guidance of Faculty Coordinators Prof Priyanka A and Prof Santhosh R.

Students has been taken to Markonahalli Dam site which is situated in kunigal taluk, Tumkur district

### Images:

### Note:

(i) After every event, please take feedback (online/offline).

(ii)At the end map PO's (with 3/2/1):

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PO1	PO2	P03	PO4	PO5	P06	PO7	P08	P09	P010	P011	P012

\*Type of Event / Activity:

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22.c

Workshop/seminar/conference/hackathon/hobby project/mini project/ Invited Talk/Guest Lecture/ Skill enhancement program/Cultural activity/competitions etc.,

Date of Submission:

NOTE : All the Events should be in one PDF File.

Signature of the HOD

NOD, Lept. of Civil Engg. S.C.E, Bangalore-560 057





## SAPTHAGIRI COLLEGE OF ENGINEERING

(Accredited by NAAC with "A" grade) (An ISO 9001:2015 & ISO 14001:2015 Certified Institution) (Affiliated to VTU, Belagavi and approved by AICTE, New Delhi)

### DEPARTMENT OF CIVIL ENGINEERING

### A Report on Dam site visit



As a part of curriculum industrial visithas been organised to 3<sup>rd</sup> and 5<sup>th</sup>semester Civil Engineering students on 05/12/2022 under the guidance of Faculty Coordinators Prof Priyanka A and Prof Santhosh R.

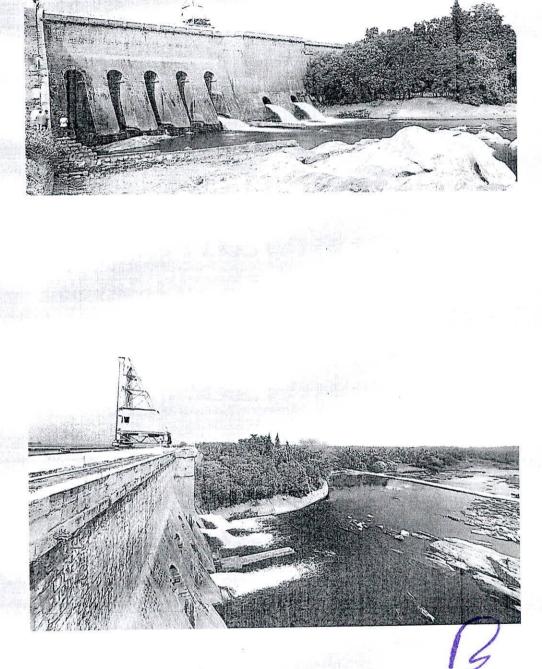
PROF. PRIYANKA A PROF. KAVYA H P PROF. SANTHOSH R

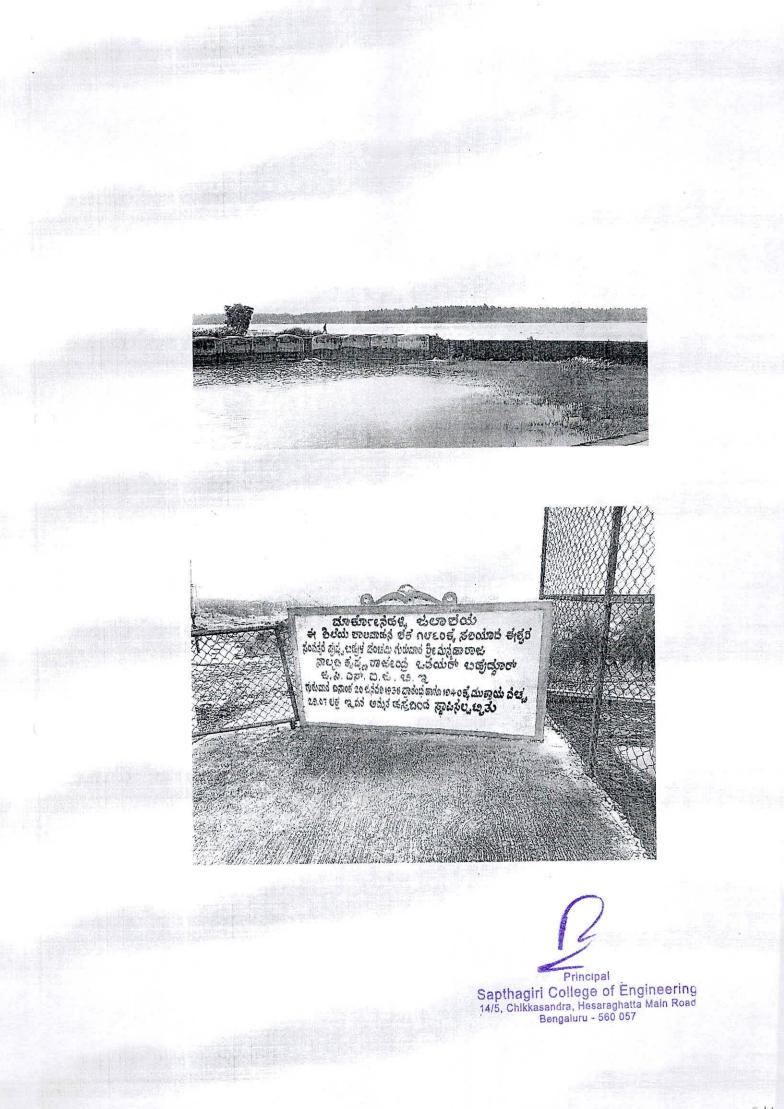
Students has been taken to Markonahalli Dam site which is situated in kunigal taluk, Tumkur district. Markonahalli Dam is built across the river Shimsha in the Kunigal Taluk of Tumkur district. It was built by KrishnarajaWodeyar IV, the king of Mysore under the guidance of his Diwan, <u>Sir M Visweswaralah</u>. It was built to irrigate 6,070 hectares of land and has a masonry structure of 139 m and a pair of earth dams extending to 1,470 metres on either side.

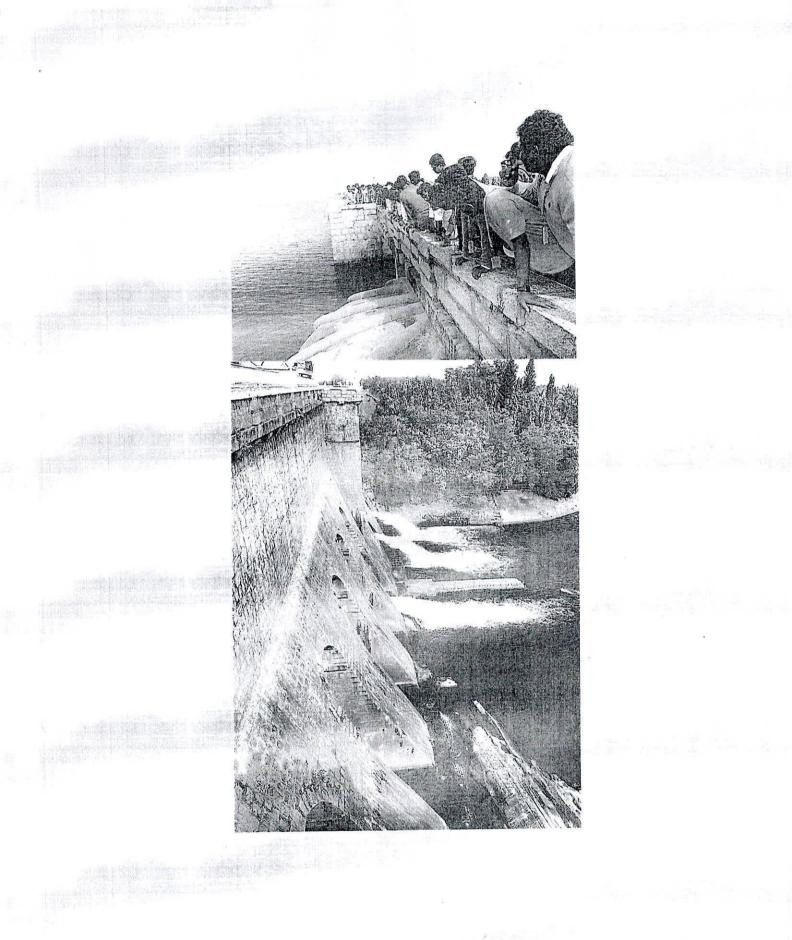


21

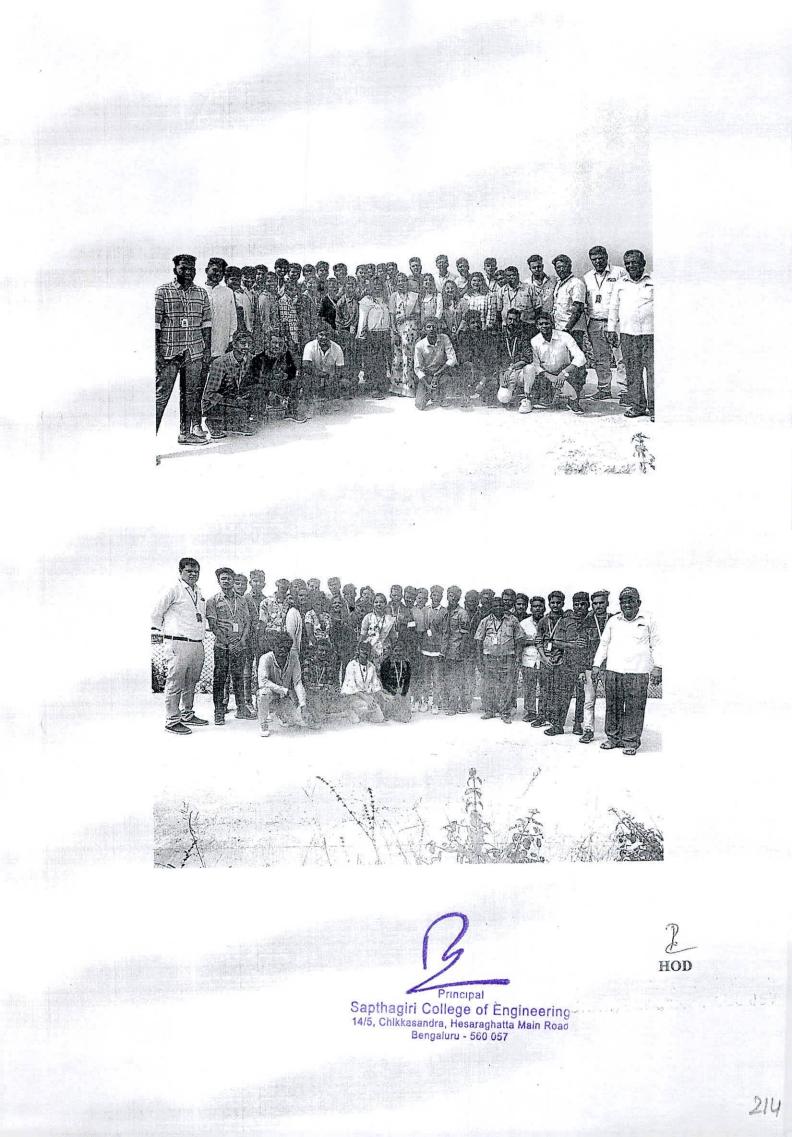
Students were so enthusiastic to see dam and its functional aspects. We arranged local guide to explain the features of Dam site.











# 8) Construction Site visit

*Type of event/activity	Industrial visit
Name/Title of the Activity/Event	Site visit A block Sapthagiri NPS University.
Department	Civil Engineering
Date of Organization	28-11-2022
Venue (With address)	Sapthagiri College of Engineering
Objectives of the event/activity	To enhance the knowledge of construction of reinforced concrete structures on site for students
Participants (Please attach list of participants, if it is organized/conducted in the dept.))	7 <sup>th</sup> sem students – 55 students

# Event Description:

An Industrial visit was organized by department of civil engineering for 7<sup>th</sup> Semester Students at Sapthagiri college of Engineering construction site, Bangalore on 8<sup>th</sup> November 2022. This visit aims to provide practical knowledge of construction procedure, site execution and Resource management. Students were divided into 3 batches and sent them to the different parts in the site which includes shear wall construction, raft footing, and column reinforcement. Prof. Pramod K A and site Engineer explained about all the components to the students. Also Bar bending procedure was demonstrated to the students. As students had studied RCC design in their theory, site visit helped them to understand it better and it helped to boost their confidence.

Note:

(i)At the end map PO's (with 3/2/1):

P01	PO2	P03	P04	P05	P06	P07	P08	P09	P010	P011	PO12
3	2			2	1		1	2	3	1	1

**\*Type of activity:** Site visit C block Sapthagiri NPS University Workshop/seminar/conference/hackathon/hobby project/mini project/ Invited Talk/Guest Lecture/ Skill enhancement program/Cultural activity/competitions etc.,

Date of Submission: 28-11-2022

Signature of the HOD Dept. of Civil Engq.

### **REPORT ON INDUSTRIAL VISIT**

An Industrial visit was organized by department of civil engineering for 7<sup>th</sup> Semester Students at Sapthagiri college of Engineering construction site, Bangalore on 28<sup>th</sup> November 2022. Our main purpose is that to know the arrangement of reinforcement for column, beam and slab and knowledge of apparatus using in this slab.

This visit aims to provide practical knowledge of construction procedure, site execution and Resource management. Students were divided into 3 batches and sent them to the different parts in the site which includes shear wall construction, raft footing and column reinforcement. Prof. Pramod K A and site Engineer explained about all the components to the students. Also Bar bending procedure was demonstrated to the students. As students had studied RCC design in their theory, site visit helped them to understand it better and it helped to boost their confidence.

From this visit, students got the overall information about working of construction at the site. Prof. Pramod K R, Assistant Professor, Dept of Civil Engineering and site Engineer gave some general information about the site and plan of site. The various learning points are: Types of shuttering used and the specifications of shuttering, Cover blocks importance, Steel quantity Calculation and Concrete quantity calculation.



Prof Nagarjuna Gowda explaining in construction site

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

21



Students with staffs and engineers on site

# Attendance

Sl.no.	USN	Student name			
1	1SG18CV020	GIRISH M			
2	1SG18CV030	MAYUR K			
3	1SG18CV048	SHARATH C PATIL			
4	1SG18CV049	SHIVAPRASAD V			
5	1SG19CV001	ABHISHEK S-N			
6	1SG19CV003	AMRUTHA D			
7	1SG19CV004	ANIL KUMAR B V			
8	1SG19CV005	ATHISH SANJAY NAYAKA			
9	1SG19CV006	BHUVAN S			
10	1SG19CV008	CHANDANA C			
11	1SG19CV009	DARSHAN R			
12	1SG19CV010	DARSHAN S			
13	1SG19CV011	DIVAKAR N G			
14	1SG19CV012	GOPALKUMAR P			
15	1SG19CV013	GURUPRAKASH AGNI			
16	1SG19CV014	HARISH KUMAR B			
17	1SG19CV015	HEMANTH GOWDA P			
18	1SG19CV016	KEERTHANA B			

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19	1SG19CV017	KEERTHI K M
20	1SG19CV018	KIRAN H N
21	1SG19CV019	KRISHNA KANT SAHU
22	1SG19CV020	MAHADEV PRASAD R
23	1SG19CV021	MD NASRULLAH FAIZ
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25	1SG19CV023	MONISHA G
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27	1SG19CV025	NEHA MURTHY G
28	1SG19CV026	PRUTHVI RAJ R
29	1SG19CV027	PRUTHVI S BHAT
30	1SG19CV028	PUNITH KP
31	1SG19CV029	PUNITH KUMAR S
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34	1SG19CV033	ROHITH V
35	1SG19CV034	ROOPESH YADAV V
36	1SG19CV035	SHAMANTH K C
37	1SG19CV036	SYED HASEEB
38	1SG19CV037	THANUSHREE V
39	1SG19CV038	UJWAL B PATEL
40	1SG19CV039	VEENASHRI
41	1SG19CV040	VISHWAS R
42	1SG19CV041	YASHAS G
43	1SG19CV042	YASHAS S
44	1SG19CV043	YOGESH GOWDA S
45	1SG19CV044	WAQAS AHMAD SHEIKH
46	1SG19CV045	PRASHANTH GOWDA N C
47	1SG20CV400	ABHISHEK D
48	1SG20CV401	ANAND S
49	1SG20CV402	DILIPKUMAR M U
50	1SG20CV403	KAUSAR PARVEEN
51	1SG20CV404	NAVEEN K B
52	1SG20CV405	SANTHOSHA G B

53	1SG20CV406	SRINIVAS GOWDA C
54	1SG20CV407	VARUN B M
55	1SG20CV408	YOGESH MURTHY H M

HOD HOD, Gept. of Civil Engr S.C.E, Bangalero-560 057

### 7) Heritage Tour

*Type of event/activity	Heritage Tour
Name/Title of the Activity/Event	Heritage Tour
Department	Civil Engineering
Date of Organization	24-11-2022
Venue (With address)	Sapthagiri College of Engineering
Objectives of the event/activity	To communicated with artists who put up stalls in the event and also purchased few master piece to encourage handmade small business
Participants (Please attach list of participants, if it is organized/conducted in the dept.))	3 <sup>rd</sup> sem students – 30 students

#### Event Description:

Heritage Tour has been organised to 3<sup>rd</sup> semester Civil Engineering students on 24.11.2022. Heritage Tour is curriculum-based activity of "Social Connect and Responsibility" (21SCR36). Students are taken to Exhibition arranged by "A Hundred Hands – A annual handmade collective" in "Woodland hotel", Bengaluru under the guidance of Faculty Coordinator Prof. Priyanka A. All 3rd semester Students were actively explored different crafts and art form in the exhibition event.

#### Note:

(i)Att	he end	map PO	's (with	3/2/1	):						
P01	PO2	PO3	PO4	PO5	P06	P07	P08	P09	P010	P011	P012
1	2			2	1		1	2		1	1

#### \*Type of activity: Heritage tour

Workshop/seminar/conference/hackathon/hobby project/mini project/ Invited Talk/Guest Lecture/ Skill enhancement program/Cultural activity/competitions etc.,

Date of Submission: 24-11-2022

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H	OD DE	t. of	Civil Eng
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Heritage Tour has been organised to 3<sup>rd</sup> semester Civil Engineering students on 24.11.2022. Heritage Tour is curriculum-based activity of "Social Connect and Responsibility" (21SCR36). Students are taken to Exhibition arranged by "A Hundred Hands – A annual handmade collective" in "Woodland hotel", Bengaluru under the guidance of Faculty Coordinator Prof. Priyanka A.

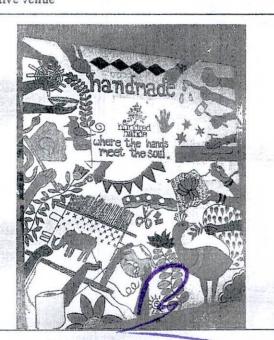
All 3rd semester Students were actively explored different crafts and art form in the exhibition event. They even communicated with artists who put up stalls in the event and also purchased few master piece to encourage handmade small business. Exhibition visit has been

arranged to know the different art forms, crafts and craftsmen and their interest of making handmade. It also involves in gathering an information about how people started a hobby and turned out into business, and students got knowledge and an awareness about social well-being, communication, societal interactions, professional ethics and responsibilities.



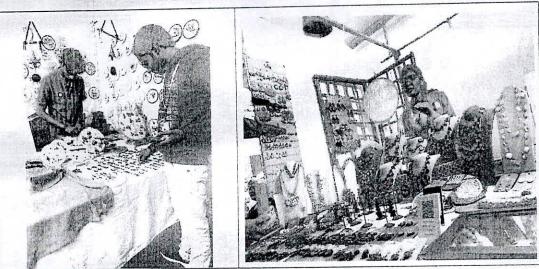
Students with Co Ordinator Prof. Priyanka A in the "a hundred hands" - handmade collective venue



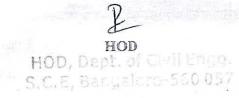


Principal Sapthagiri College of Engineering. 14/5, Chikkasandra, Hesaraghatta Main Road Bengaluru - 560 057





Students exploring and communicating with artists



### 6) Visit to construction site

Type of event/activity	Industrial visit				
Name/Title of the Activity/Event	Visit to Construction site				
Department	Civil Engineering				
Date of Organization	23-11-2022				
Venue (with address)	Sapthagiri College of Engineering.				
Objectives of the event/activity	To enhance the knowledge of construction of reinforced concrete Framed structures on site for students.				
Participants (Please attach list of participants, if it is organized/conducted in the dept.))	4 <sup>th</sup> semester -39 students				

#### Event Description:

An Industrial visit was organized by Department of Civil Engineering for 4<sup>th</sup> Semester Students at Sapthagiri college of Engineering construction site, Bangalore on 28<sup>th</sup> July 2022. This visit aims to provide practical knowledge of construction procedure, site execution and Resource management. Students were divided into 2 batches and sent them to the different parts in the site which includes shear wall construction, raft footing and column reinforcement. Prof. Pramod K R and site Engineer Mr.Shashidhar J P explained about all the components to the students. Also Bar bending procedure was demonstrated to the students.

#### Note:

(i)At the end map PO's (with 3/2/1):

POI	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
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#### Type of activity: Industrial visit

Workshop/seminar/conference/hackathon/hobby project/mini project/ Invited Talk/Guest Lecture/ Skill enhancement program/Cultural activity/competitions etc.,

Date of Submission: 23-11-2022

Signature of the HOD

HOD, Dept. of Civil Enco

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

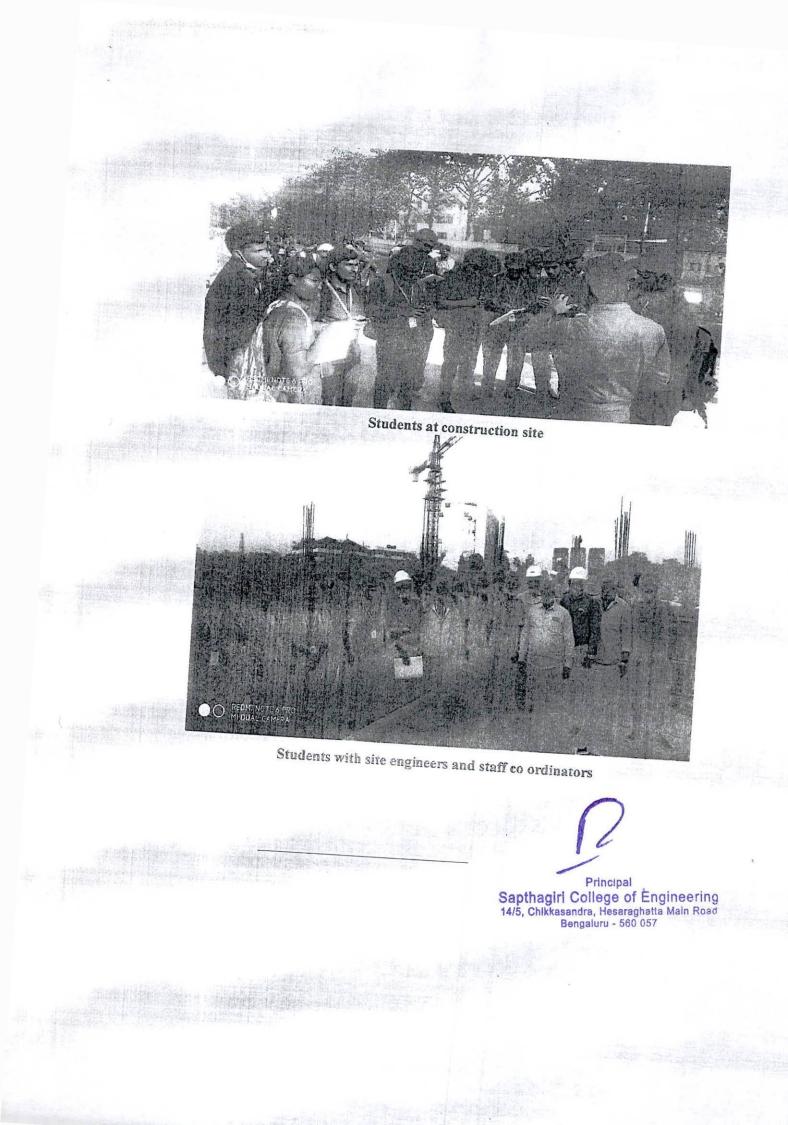
# REPORT ON INDUSTRIAL VISIT

An Industrial visit was organized by department of civil engineering for 7<sup>th</sup> Semester Students at Sapthagiri college of Engineering construction site, Bangalore on 8<sup>th</sup> November 2022. Our main purpose is that to know the arrangement of reinforcement for column, beam and slab and knowledge of apparatus using in this slab.

This visit aims to provide practical knowledge of construction procedure, site execution and Resource management. Students were divided into 3 batches and sent them to the different parts in the site which includes shear wall construction, raft footing and column reinforcement. Prof. Pramod K R and site Engineer explained about all the components to the students. Also Bar bending procedure was demonstrated to the students. As students had studied RCC design in their theory, site visit helped them to understand it better and it helped to boost their confidence.

From this visit, students got the overall information about working of construction of the site. At the site, Prof. Pramod K R, Assistant Professor, Dept of Civil Engineering and site Engineer gave some general information about the site and plan of site. The various learning points are: Drawing, Formwork and arrangement of reinforcement.

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



# Attendance:

Sl.no.	USN	Student Name
1	1SG20CV001	ADARSH PANDEY
2	1SG20CV002	AKSHAY GOWDA B M
3	1SG20CV003	ANAND
4	1SG20CV004	BHOOMIKA D R
5	1SG20CV005	DHANUSH LK
6	1SG20CV006	HARSHAVARDHAN M
7	1SG20CV008	K LOHIT BABU
8	1SG20CV009	KARTHIK KJ
9	1SG20CV010	KISHAN S
10	1SG20CV011	LAKSHMAN NAIK KS

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

2

11	1SG20CV012	MOHD MUDASSAR RATHAR
12	1SG20CV013	NABIN KUMAR MAHATO
13	1SG20CV014	NEHA T M
14	1SG20CV015	NISARGA S S
15	1SG20CV016	PRATHIKSHA P PALANKAR
16	1SG20CV017	PREETHAM K R
17	1SG20CV018	RAKSHITHA R
18	1SG20CV019	ROHAN M
19	1SG20CV021	SAGAR MN
20	1SG20CV022	SANKETH VALAHATTI
21	1SG20CV023	SHARAN S MALI PATIL
22	1SG20CV024	SHIVARAJAKUMARPARASAPPAHOLIYACHI
23	1SG20CV026	SUJAY GOWDA G
24	1SG20CV027	SUMA S
25	1SG20CV028	TARUN K
26	1SG20CV029	TEJAS M
27	1SG20CV030	THANUSHREE K S
28	1SG20CV031	VENKATESH
29	1SG20CV032	VIDYA S
30	1SG20CV033	VINAY V
31	1SG20CV034	YAMUNA KR
32	1SG20CV035	YASHAS K A
33	1SG20CV036	YASHU GOWDA R
34	1SG20CV037	YOUNIS AHMAD TALI
35	1SG21CV400	BINDUSHREE A S
36	1SG21CV401	DARSHAN R
37	1SG21CV402	KIRAN M
38	1SG21CV403	MALLIKARJUN
39	1SG21CV404	MANJUNATH NAIK 1
40	1SG21CV405	MANOJ D M

Sapthagiri College of Engineering 14/5, Chikkasandra, Hesaraghatta Main Road en Con Civil Engg. Bengaluru - 560 057 S.C.E. Bongalore 550 057



# ಬೆಂಗಳೂರು ಮೆಟ್ರೋ ರೈಲ್ ನಿಗಮ ನಿಯಮಿತ

(ಕರ್ನಾಟಕ ಸರ್ಕಾರ ಹಾಗೂ ಕೇಂದ್ರ ಸರ್ಕಾರ ಸಹಭಾಗಿತ್ವದ ಉದ್ಯಮ) ನೊಂದಾಯಿತ ಕಚೇರಿ : ಬಿ.ಎಂ.ಟಿ.ಸಿ. ಕಾಂಪ್ಲೆಕ್ಸ್, 3ನೇ ಮಹಡಿ, ಕೆಂಗಲ್ ಹನುಮಂತಯ್ಯ ರಸ್ತೆ, ಶಾಂತಿನಗರ ಬೆಂಗಳೂರು – 560 027, ಭಾರತ

# **Bangalore Metro Rail Corporation Ltd.**

(A Joint Venture of Government of Karnataka & Government of India) Regd. Office : B.M.T.C. Complex, 3rd Floor, K.H. Road, Shanthinagar, Bangalore - 560 027. INDIA

No: BMRCL/CE(PM)/Industrial Visit/2022-23/11440

Date.03.11.2022

Dr. Rajeshwari R Head of Department, Dept. of Civil Engineering, Sapthagiri College of Engineering, 14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru – 560 057.

Sir,

To,

Sub: Permission to Visit Precast Yard Located at Hennur, for final Year, Civil Engineering Students.

Ref: Request Letter Date: 20.10.2022.

#### \*\*\*\*\*

Adverting to your letter referred above, it is to inform that, Competent Authority has accorded permission to visit on Going Project of BMRCL on 04<sup>th</sup> November 2022 from 10:00

A.M for 55 students and 5 Faculty members, with following conditions.

- 1) Transportation to work site has to be made by College.
- 2) Covid-19 precaution is to be strictly followed.
- 3) Responsibility of Safety to the students is to be taken care by College staff accompanying the students.

#### **Contact Person for the Site visit:**

Mr. Ramesh. B. N, Deputy Chief Engineer, (Casting Yard -P1) BMRCL. Contact No: 8277890479.

Thanking You,

Yours faithfully,

(M. Srinivas) Chief Engineer (PN

Principal

Copy to:

- 1. ED-1 (Civil) for kind information.
- 2. CE (Ph-2B/P1) for kind information.
- Mr. Ramesh. B. N, Deputy Chief Engineer, (Casting Yard -P1) Sorphildin and hearaghatta Main F and needful.
   Songaluru - 560 057

Phone : +91-(0)80-2296 9300 / 22969301, Fax : + 91-(0)80-2296 9222, E-mail : bmrcl@dataone.in Web : www.bmrc.co.in CIN No. : U16286KA1994GOI016286

# 4) Industrial visit of BIS Bangalore

Type of event/activity	Industrial visit	
Name/Title of the Activity/Event	Exposure visit of BIS Bangalore for	r 5 <sup>th</sup> sem Students
Department	Civil Engineering	
Date of Organization	10-11-2022	1. 1918 N
Venue (with address)		Opp. Jalahalli Metro, Peenya mkur Rd, Vivekananda Nagar, 60058
Objectives of the event/activity	To enhance the knowledge of testing methods and issuing of b	
Participants (Please attach list of participants, if it is organized/conducted in the dept.))	5 <sup>th</sup> semester -39 students	

#### Event Description:

Department of Civil Engineering was invited for an exposure visit at BIS Office and an industrial visit was organized by BIS @ Bureau of Indian Standards Opp. Jalahalli Metro, Peenya Industrial Area 1st Stage, Tumkur Rd, Vivekananda Nagar, Peenya, Bengaluru, Karnataka 560058 for 3rd-year students (39 in number) on 10<sup>th</sup> of November 2022.

#### Note:

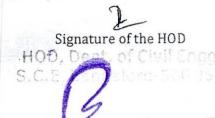
(i)At the end map PO's (with 3/2/1):

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
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### Type of activity: Industrial visit

Workshop/seminar/conference/hackathon/hobby project/mini project/ Invited Talk/Guest Lecture/ Skill enhancement program/Cultural activity/competitions etc.,

Date of Submission: 10-11-2022

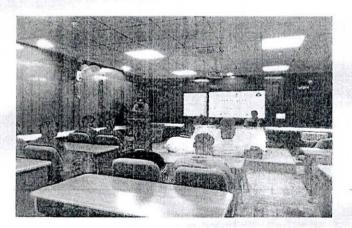


#### Report on BIS Bangalore

The Bureau of Indian Standards (BIS) is the National Standards Body of India under the Department of Consumer Affairs, Ministry of Consumer Affairs, Food & Public Distribution, and Government of India. BIS has been providing traceable and tangible benefits to the national economy in several ways: providing safe, reliable quality goods; minimizing health hazards to consumers; promoting exports and import substitutes; controlling the proliferation of varieties, etc. through standardization, certification, and testing. During the visit to the BIS office, students got knowledge about the history of BIS, how BIS works, and about standard formation by the scientist of BIS.

First, HBNBO & HBNBOL addressed the students by welcoming them and giving an overview of the BIS and its various activities. To make the exposure visit interesting and interactive, students were first familiarised with the work profile of BNBOL through a video session. Thereafter, they visited all the testing sections of the BNBOL i.e Concrete lab, Sample Cell, Electrical Lab, Mechanical Lab, Chemical Lab and Microbiology Lab wherein testing activities were demonstrated to them by the testing personnel for better understanding and first-hand experience.

Link for photos and videos https://www.services.bis.gov.in/php/BIS\_2.0/consumer/Manakmunch/Gallery/YktGNVdSdEtWMWEzc0EwRkNhN GsyUT09





31	1SG20CV034	YAMUNA KR
32	1SG20CV035	YASHAS K A
33	1SG20CV036	YASHU GOWDA R
34	1SG20CV037	YOUNIS AHMAD TALI
35	1SG21CV400	BINDUSHREE A S
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39	1SG21CV404	MANJUNATH NAIK L
40	1SG21CV405	MANOJ D M

HOD, Dept. of Civil Eng. S.C.E, Bangalore-560 057

### 3) Construction Site visit

*Type of event/activity	Industrial visit
Name/Title of the Activity/Event	Site visit C block Sapthagiri NPS University.
Department	Civil Engineering
Date of Organization	08-11-2022
Venue (With address)	Sapthagiri College of Engineering
Objectives of the event/activity	To enhance the knowledge of construction of reinforced concrete structures on site for students
Participants (Please attach list of participants, if it is organized/conducted in the dept.))	7 <sup>th</sup> sem students – 55 students

#### **Event Description:**

An Industrial visit was organized by department of civil engineering for 7<sup>th</sup> Semester Students at Sapthagiri college of Engineering construction site, Bangalore on 8<sup>th</sup> November 2022. This visit aims to provide practical knowledge of construction procedure, site execution and Resource management. Students were divided into 3 batches and sent them to the different parts in the site which includes shear wall construction, raft footing, and column reinforcement. Prof. Nagarjuna Gowda and site Engineer explained about all the components to the students. Also Bar bending procedure was demonstrated to the students. As students had studied RCC design in their theory, site visit helped them to understand it better and it helped to boost their confidence.

#### Note:

(i)Att	he end	map PC	's (with	13/2/1	):						
P01	PO2	PO3	P04	PO5	P06	PO7	P08	P09	P010	P011	PO12
3	2			2	1	999	1	2	3	1	1

\*Type of activity: Site visit C block Sapthagiri NPS University Workshop/seminar/conference/hackathon/hobby project/mini project/ Invited Talk/Guest Lecture/ Skill enhancement program/Cultural activity/competitions etc.,

Date of Submission:08-11-2022

Signature of the HOD HOD, Dept. of Civil Engq. Englatore-560.057 0

### REPORT ON INDUSTRIAL VISIT

An Industrial visit was organized by department of civil engineering for 7<sup>th</sup> Semester Students at Sapthagiri college of Engineering construction site, Bangalore on 8<sup>th</sup> November 2022. Our main purpose is that to know the arrangement of reinforcement for column, beam and slab and knowledge of apparatus using in this slab.

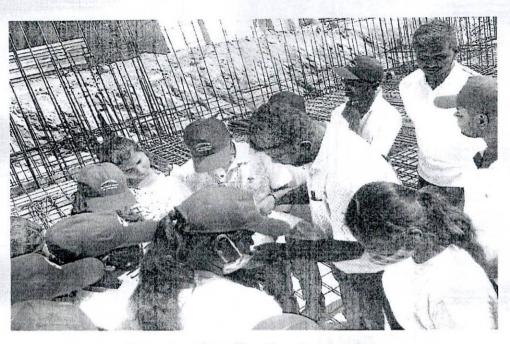
This visit aims to provide practical knowledge of construction procedure, site execution and Resource management. Students were divided into 3 batches and sent them to the different parts in the site which includes shear wall construction, raft footing and column reinforcement. Prof. Nagarjuna Gowda B S and site Engineer explained about all the components to the students. Also Bar bending procedure was demonstrated to the students. As students had studied RCC design in their theory, site visit helped them to understand it better and it helped to boost their confidence.

From this visit, students got the overall information about working of construction of the site. At the site, Prof. Nagarjuna Gowda B S, Assistant Professor, Dept of Civil Engineering and site Engineer gave some general information about the site and plan of site. The various learning points are: Drawing, Formwork and arrangement of reinforcement.



Prof Nagarjuna Gowda explaining in construction site

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



Students with staffs and engineers on site

### Attendance

Sl.no.	USN	Student name			
1	1SG18CV020	GIRISH M			
2	1SG18CV030	MAYUR K			
3	1SG18CV048	SHARATH C PATIL			
4	1SG18CV049	SHIVAPRASAD V			
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19	1SG19CV017	KEERTHI K M
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37	1SG19CV036	SYED HASEEB
38	1SG19CV037	THANUSHREE V
39	1SG19CV038	UJWAL B PATEL
40	1SG19CV039	VEENASHRI
41	1SG19CV040	VISHWAS R
42	1SG19CV041	YASHAS G
43	1SG19CV042	YASHAS S
44	1SG19CV043	YOGESH GOWDA S
45	1SG19CV044	WAQAS AHMAD SHEIKH
46	1SG19CV045	PRASHANTH GOWDA N C
47	1SG20CV400	ABHISHEK D
48	1SG20CV401	ANAND S
49	1SG20CV402	DILIPKUMAR M U
50	1SG20CV403	KAUSAR PARVEEN
51	1SG20CV404	NAVEEN K B
52	1SG20CV405	SANTHOSHA G B

Rrinespal Sapthagiri College of Erus 14/5, Chikkasandra, Hesaraghatta Asant-ba Bengaluru - 560 057

53	1SG20CV406	SRINIVAS GOWDA C
54	1SG20CV407	VARUN B M
55	1SG20CV408	YOGESH MURTHY H M

P HOD HOD, Dept. of Civil Engg. S.C.E, Bangaiore-560 057



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### Department of Civil Engineering

### Monthly Event Report for the month of NOVEMBER

#### 1) VISIT TO PRECAST YARD

*Type of event/activity	Industrial visit
Name/Title of the Activity/Event	Visit to Precast Yard
Department	Civil Engineering
Date of Organization	04-11-2022
Venue (With address)	Hennur, Bengaluru
Objectives of theevent/activity	To enhance the knowledge of students in construction of precast structures which is used for metro construction
Participants (Please attach list of participants, if it is organized/conducted inthe dept.))	7 <sup>th</sup> semester- 55 students

#### Event Description:

An Industrial visit was organized by Department Of Civil Engineering for 7<sup>th</sup> Semester Students at BMRCL Precast Yard, Hennur, Bangalore on 04<sup>th</sup> Nov 2022. This visit aims to provide practical knowledge of precast construction and its working principals. Mr Ramesh B N, in charge of the plant explained about the working procedure of precast construction that involves pre stressed concreting with the moulders. And the faculty in charge Prof. Pallavi G A and Shobha Y N corelated it with the theory which is done in the class. This helped the students to understand the concept clearly. With the help of all the faculties, visit went smoothly and students-maintained discipline at plant.

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

# Note:

(i)At the end map PO's (with 3/2/1):

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\*Type of activity: Site visit to Precast Yard.

Signature of the HOD HOD, Dept. of Civil Engg. S.C.E. Bargalana S.C.E.

21/10/22

#### To, The Principal,

Sapthagiri College of Engineering,

Bangalore.

# From,

The HOD,

Department of Civil Engineering,

SCE, Bangalore.

Subject: Requesting permission to arrange a site visit to Precast Yard at Hennur, Hebbal for final year civil engineering students.

#### Respected Sir,

With reference to the above subject, I would like to bring to your kind notice that the Department of civil engineering will be planning a site visit for final year civil engineering students to a precast yard located in Phase 2B-Hennur casting Yard Near Shriram Luxor Apartment, Hennur Bangalore 560077 which will be in line with one of the courses "Analysis and design of prestressed concrete ".

I would also like to bring to your kind notice that permission from the BMRCL office should also be taken for the same

Requirement from the college,

Si no	Description			
1	Commuting to Phase 2B-Hennur casting Yard Near	Bus facility		
it and seems	Shriram Luxor Apartment, Hennur Bangalore 560077			

I request your good self to kindly grant the permission for the same and do the need full and oblige

Thanking you

Yours faithfully

Co-Ordinator

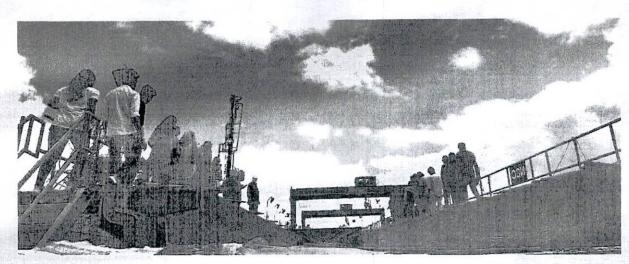
2/10/2 Principal Sapthagiri College of Engineering Chikkasandra, Hesaraghatta Roan Bangalote- 560 057

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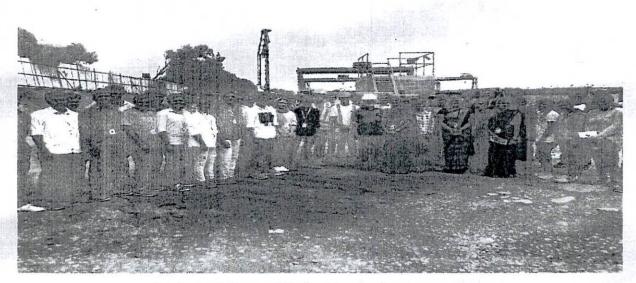
Department of Civil Engineering HOD, Dept. of Civil Energ. S.C.E. Bangalore-560 057

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

Site Visit to Precast Yard



Students at precast Yard site



Students @ Precast Yard with co ordinators.

An Industrial visit was organized by Department Of Civil Engineering for 7<sup>th</sup> Semester Students to Precast yard, hennur, Bangalore on 04<sup>th</sup> Nov 2022. Pre casting yard consists of a 146m long casting bed from 5 U-girders weighing 165 tons each will be cast. Work is underway to add another U-girder casting bed and casting formwork for I-girders. The yard incharge Mr Ramesh explain about the different types of tests conducted at the precast site and they exibit the demo test for slump of the concrete they were using. This helped the students to understand the concept clearly. With the help of all the faculties, visit went smoothly and students-maintained discipline at plant.



# Mr Ramesh explaining about the concept of precast to the students

# Attendance

Sl.no.	USN	Student name
1	1SG18CV020	GIRISH M
2	1SG18CV030	MAYUR K
3	1SG18CV048	SHARATH C PATIL
4	1SG18CV049	SHIVAPRASAD V
5	1SG19CV001	ABHISHEK S N
6	1SG19CV003	AMRUTHA D
7	1SG19CV004	ANIL KUMAR B V
8	1SG19CV005	ATHISH SANJAY NAYAKA
9	1SG19CV006	BHUVAN S
10	1SG19CV008	CHANDANA C
11	1SG19CV009	DARSHAN R
12	1SG19CV010	DARSHAN S
13	1SG19CV011	DIVAKAR N G
14	1SG19CV012	GOPALKUMAR P
15	1SG19CV013	GURUPRAKASH AGNI
16	1SG19CV014	HARISH KUMAR B
17	1SG19CV015	HEMANTH GOWDA P

B

18	1SG19CV016	KEERTHANA B			
19	1SG19CV017	KEERTHI K M			
20	1SG19CV018	KIRAN H N			
21	1SG19CV019	KRISHNA KANT SAHU			
22	1SG19CV020	MAHADEV PRASAD R			
23	1SG19CV021	MD NASRULLAH FAIZ			
24	1SG19CV022	MOKSHA LAKSHMI B R			
25	1SG19CV023	MONISHA G			
26	1SG19CV024	N PREETHI RAJ			
27	1SG19CV025	NEHA MURTHY G			
28	1SG19CV026	PRUTHVI RAJ R			
29	1SG19CV027	PRUTHVI S BHAT			
30	1SG19CV028	PUNITH KP			
31	1SG19CV029	PUNITH KUMAR S			
32	1SG19CV031	RESHMA M L			
33	1SG19CV032	RISHAB			
34	1SG19CV033	ROHITH V			
35	1SG19CV034	ROOPESH YADAV V			
36	1SG19CV035	SHAMANTH K C			
37	1SG19CV036	SYED HASEEB			
38	1SG19CV037	THANUSHREE V			
39	1SG19CV038	UJWAL B PATEL			
40	1SG19CV039	VEENASHRI			
41	1SG19CV040	VISHWAS R			
42	1SG19CV041	YASHAS G			
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48	1SG20CV401	ANAND S			
49	1SG20CV402	DILIPKUMAR M U			
50	1SG20CV403	KAUSAR PARVEEN			
51	1SG20CV404	NAVEEN K B			

Principal

52	1SG20CV405	SANTHOSHA G B
53	1SG20CV406	SRINIVAS GOWDA C
54	1SG20CV407	VARUN B M
55	1SG20CV408	YOGESH MURTHY H M

Z HOD HOD, Dept. of Chill Congo. S.C.E. Enr. col. no. 550.037



# ಬೆಂಗಳೂರು ಮೆಟ್ರೋ ರೈಲ್ ನಿಗಮ ನಿಯಮಿತ

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# **Bangalore Metro Rail Corporation**

(A Joint Venture of Government of Karnataka & Government of India) Regd. Office : B.M.T.C. Complex, 3rd Floor, K.H. Road, Shanthinagar, Bangalore - 560 027. INDIA

No: BMRCL/CE(PM)/Industrial Visit/2022-23

Date.03.11.2022

To,

Dr. Rajeshwari R Head of Department, Dept. of Civil Engineering, Sapthagiri College of Engineering, 14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560 057.

Sir,

Sub: Permission to Visit Precast Yard Located at Hennur, for final Year, Civil Engineering Students.

\*\*\*\*

Request Letter Date: 20.10.2022. Ref:

Adverting to your letter referred above, it is to inform that, Competent Authority has accorded permission to visit on Going Project of BMRCL on 04th November 2022 from 10:00 A.M for 55 students and 5 Faculty members, with following conditions.

- 1) Transportation to work site has to be made by College.
- 2) Covid-19 precaution is to be strictly followed.
- 3) Responsibility of Safety to the students is to be taken care by College staff accompanying the students.

#### Contact Person for the Site visit:

Mr. Ramesh. B. N. Deputy Chief Engineer, (Casting Yard -P1) BMRCL. Contact No: 8277890479.

Thanking You,

Yours faithfully,

M 3/11/2022 (M. Srinivas)

Sapthagirl College of Engineering

isandra, Hesaraghatta Main Road

Chief Engineer (PM)

Copy to:

- 1. ED-1 (Civil) for kind information.
- 2. CE (Ph-2B/P1) for kind information.
- 3. Mr. Ramesh. B. N, Deputy Chief Engineer, (Casting Yard -P1) -for rmation and needful.

11

Phone : +91-(0)80-2296 9300 / 22969301, Fax : + 91-(0)80-2296 9222, E-mail : bmrcl@dataone.in Web : www.bmrc.co.in CIN No. : U16286KA1994GOI016286



SAPTHAGIRI COLLEGE OF ENGINEERING (Affiliated to VTU, Belagaviand approved by AICTE, NEW DELHI) (ISO 9001:2015 & ISO 14001:2015 Certified)

> (Accredited by NAAC with "A" Grade) 14/5, Hesarghatta Main Road, Bangalore- 560057 Department of Civil Engineering

#### Monthly Event Report for the month of OCTOBER

*Type of event/activity	Industrial visit				
Name/Title of the Activity/Event	Visit to Sewage treatment plant- Mailsandra				
Department	Civil Engineering				
Date of Organization	13-10-2022				
Venue (With address)	75MLD Sewage treatment plant Malsandra, Banglore.				
Objectives of theevent/activity	To enhance the knowledge of construction and working ofDomestic waste water treatment plant for students.				
Participants (Please attach list of participants, if it is organized/conducted inthe dept.))	7 <sup>th</sup> semester- 55 students				

#### VISIT TO SEWAGE TREATMENT PLANT

#### **Event Description:**

An Industrial visit was organized by Department Of Civil Engineering for 7<sup>th</sup> Semester Students at BWSSB- 75 MLD sewage treatment plant Mailsandra, Bangalore on 13<sup>th</sup> Oct 2022. This visit aims to provide practical knowledge of waste water treatment units and its working principals. Miss Bhavani in charge of the plant explained about the working procedure of coarse screens, fine screen, grit removal chamber and plain sedimentation process. The capacity of that plant is 75MLD. In that plant only primary and secondary treatment for sewage was done, no tertiary treatment because that treated sewage is using only for utility purpose and for recreational purpose by the people of Global village. And the faculty in charge Prof. Mamatha H K co-related it with the theory which is done in the class. This helped the students to understand the concept clearly. With the help of all thefaculties, visit went smoothly and students-maintained discipline at plant.

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

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Note:

(i)At the end map PO's (with 3/2/1):

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\*Type of activity: Site visit to sewage treatment plant.

Workshop/seminar/conference/hackathon/hobbyproject/miniproject/InvitedTalk/Guest Lecture/ Skill enhancement program/Cultural activity/competitions etc., Date of Submission: 31-10-2022

Signature of the HOD OD, Dept. of Civil Energ.

Dashe.

560 057

# The Principal,

To,

SCE,

Bangalore

From, HOD

#### Department of Civil Engineering

SCE, Bangalore.

Subject: Requesting permission to arrange a site visit to Waste water treatment plant at Javarandoddi, Nayandahalli, Bengaluru for final year civil engineering students.

#### Respected Sir,

With reference to the above-said subject, I would like to bring to your kind notice that the Department of Civil Engineering has scheduled a site visit for final year civil engineering students to a wastewater treatment plant which will be in line with one of the courses "Water supply and Treatment Engineering".

I would also like to bring to your kind notice that permission from the BWSS office should also be taken for the same

The total budget for the visit is listed below the table

Si no	association Description	Amount in Rs
1	Commuting to Cauvery Bhavan, BWSSB Office Bangalore 2 days (100Rs/day)	200
2	Government charges for a site visit to be paid at BWSSB of @Rs 5 per person (55 students + 3 faculty) 58	290
	Total	490

Amount in words rupees four hundred and ninety only

I request your good self to kindly grant the permission for the same and do the need full and oblige

#### Thanking you

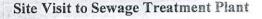
Yours faithfully

Co-Ordinator

2 21/08/22 HOD

Department of Civil Engineering HOD DAL STC LEDS

Saptingth College of Engineering 14/5, Chikkasandra, Hasaraghatta Main Road Bengaluru - 560 057





Students @ STP Mailasandra with co ordinators.

An Industrial visit was organized by Department Of Civil Engineering for 7<sup>th</sup> Semester Students at BWSSB-75 MLD sewage treatment plant Mailsandra, Bangalore on 13<sup>th</sup> Oct 2022. This visit aims to provide practical knowledge of waste water treatment units and its working principals. Miss Bhavani in charge of the plant explained about the working procedure of coarse screens, fine screen, grit removal chamber and plain sedimentation process. The capacity of that plant is 75MLD. In that plant only primary and secondary treatment for sewage was done, no tertiary treatment because that treated sewage is using only for utility purpose and for recreational purpose by the people of global village. And the faculty in charge Prof. Mamatha H K co-related it with the theory which is done in the class. This helped the students to understand the concept clearly. With the help of all the faculties, visit went smoothly and students-maintained discipline at plant.

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

#### Attendance

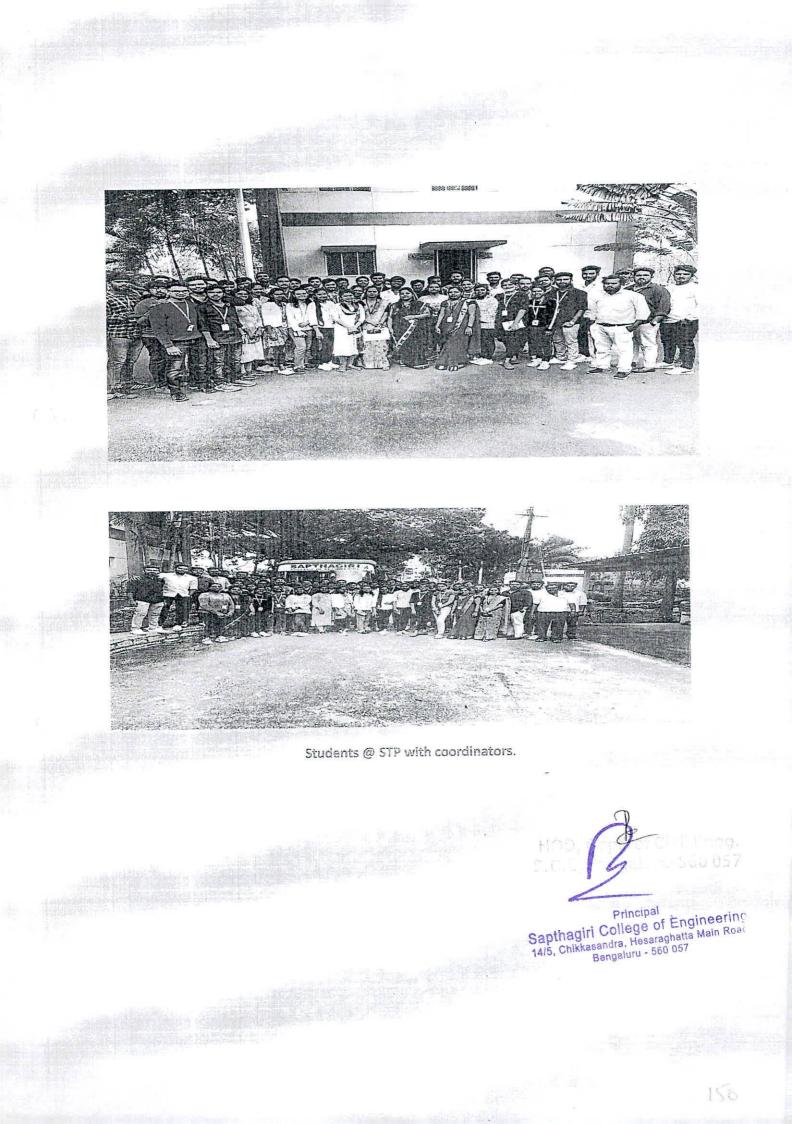
SI.no.	USN	Student name
1	1SG18CV020	GIRISH M
2	1SG18CV030	MAYUR K
3	1SG18CV048	SHARATH C PATIL
4 4	1SG18CV049	SHIVAPRASAD V
5	1SG19CV001	ABHISHEK S N
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15	1SG19CV013	GURUPRAKASH AGNI
16	1SG19CV014	HARISH KUMAR B
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28	1SG19CV026	PRUTHVI RAJ R
29	1SG19CV027	PRUTHVI S BHAT
30	1SG19CV028	PUNITH KP
31	1SG19CV029	PUNITH KUMAR S

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Department of Computer Science and Engineering

Accredited By NBA

### List of Seminars /Guest lacturers organized (2022-2023)

SI. No	No 27/08/22 Webinar		Title	Resource Person	Semester	Number o students	
1.			Developing online Repository of startups	Mr. Deepak Surya	5	126	
2.	17/09/2022	Alumini Talk	Placement Preparation	Mr. Vivek Mathew	7	132	
3.	13/10/2022	Placement Training Session	Hands on session on C Programming	Prof. Divyamani M K	7	65	
4.	14/10/2022	Skill Enhanceme nt Program	IBM Skill Building	Ms. Swathi	5	130	
5.	15/10/2022	Technical talk	Extract Transfer Load Using Talend Tool	Mr. Kunal S	3	128	
6.	5. 15/10/2022 Skill Enhanceme nt Program		Karunadu Technologies Private Limited	Mr. Umesh	7	132	

Principal

Sapthagiri College of Engineering 14/5, Chikkesandra, Hesaraghatte Main Ross Bengaluru - 560 nt



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7.	19/10/2022	Placement Training Session	Hands on session on Python Programming language	Prof. Vanitha G P	7	128
8.	22/10/2022	Skill Enhanceme nt Program	Technical skill Development by Ampershand Technologies	Ms. Ranjana	5	127
9.	03/11/2022, To 04/11/2022	Placement Training Session	Hands on session on C++ Programming	Prof. Anuradha and Prof. Shwetha A B	3	120
10.	. 18/11/2022 Technical Talk		INTRODUCTION TO WEB 3.0	Mr. Omkar Kushal	3	125
11.	02/12/2022 Hackathon		Hackathon	Dr.Vimuktha E Salis.	3,5,7	60
12.	16 /12/2022 Technical Talk		Preparation required for Abroad studies	Mr. Ajaz Ahmed	5	115
13.	6 /01/23 Technical Talk		5G TECHNOLOGY	Mr. Rathnakar Kayyar	3,5,7	150
14.	. 19/1/23 Infosys Campus Connect		Infosys Campus Connect Briefing Session	Mrs.Pruthvi Adishesha	3,5	180

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**Department of Computer Science and Engineering** 

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15.	16/02/2023	Technical talk	Internship training activity	Mrs, Ranjana Chakrasali	7	130
16.	25/2/23	Alumni Talk	Talk on facing company interviews	Revathi D and Anusha D B	7	120
17.	11/03/23	Career guidance	Introduction to spring Boot and React	NagaDeepthi M Ramachandra	8	115
18.	29/3/23	Career guidance	Higher Education in Abroad	Mrs. Debasmita	8	120
19.	20/3/23 to 25/3/23	CERTIFIC ATION COURSE	Python Programming	Prof. KRUTHI T C, Prof. SHWETHA A B, Prof. SHASHIREK HA G, Prof. Vanitha G P, Prof. POORNIMA G J, Prof Bhanujyothi H C	6	120
20.	20. 19/04/23 Technical Talk		Introduction to Capstone Project IMARTICUS LEARNING23	Mark Brandon Vernum	6	120

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



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

**Department of Computer Science and Engineering** 

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21. 10/06/23		Technical talk	Communication skills	Mr. Kunal	4	60	
22.	22. 26-27/7/23 Workshop		Workshop on Innovation and Design Thinking.	Prof. Pooja and Team from RV Institute of Management	2	125	
23.	28/7/23	Alumini Talk	Scrum and Sprint in Agile Software Development	Aniket kumar	6	120	

Co-ordinator.

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HOD

Computer Science Engineering Sapthagiri College of Engineering Bangalore - 57

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



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## Department of Computer Science & Engineering Accredited by NBA

Academic Year: 2022-2023

*Type of event/activity	Alumni Talk
Name/Title of the Activity/Event	Placement Preparation
Date of Organization	17 <sup>th</sup> SEPTEMBER 2022
Venue (with address)	ALH405, SCE, Bangalore
Organized by (Resource Person)	Department of Computer Science and Engineering. Resource Person: Mr. Vivek Mathew
Objectives of the event/activity	To enhance the knowledge on how to prepare for Interview
Participants (Please attach list of participants, if it is organized/conducted in the dept.))	7 <sup>th</sup> Semester CSE students
Mention organized /participated/attended	Prof. Shobha.K

#### **Event Description:**

Alumni talk was conducted for the benefits of enhancing and improving the knowledge how to prepare for the Interview with industry perspective for the 7<sup>TH</sup> Semester Students of Department of Computer Science and Engineering, Sapthagiri College of Engineering, Bangalore on 17<sup>th</sup> SEPTEMBERL 2022. The following topics were discussed in the sessions:-Introduction, Programing Language, Level of Confidence, Rounds of Interview .Also advised the students to be confident on one language you are familiar with. Also encouraged students to attend placement activities and explained about self-improvement in career. Students were interacting throughout the session as it was more interactive.

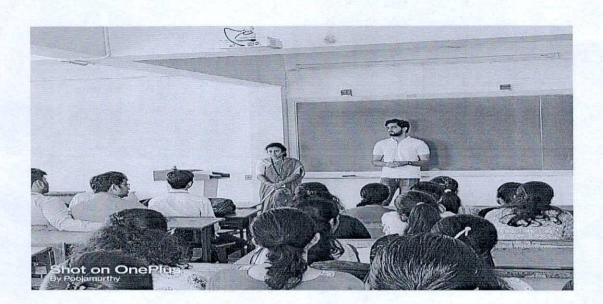
Principal Sapthagiri College of Engineering 14/5, CRikkasendre, Hesereghaita Main Road Bengaluru - 560 057



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Department of Computer Science & Engineering Accredited by NBA

Academic Year: 2022-2023



#### Note:

(i)At the end map PO's (with 3/2/1):

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\*Type of activity:

Webinar

Coordinator Prof. Shobha K

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Signature of the HOD [Dr. Kamalakshi Naganna

Sepinagiri College of Engineering 14/5, Chikkasandra, Masaranhawa Main Road Bergeriuru - 550 057



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### Department of Computer Science & Engineering Accredited by NBA

Academic Year: 2022-2023

*Type of event/activity	Placement Training Session
Name/Title of the Activity/Event	Hands on session on C Programming
Date of Organization	13/10/2022
Venue (with address)	Department of Computer Science and Engineering
Organized by (Resource Person)	Prof. Divyamani M K
Objectives of the event/activity	To enhance knowledge in C programming as per industry standards.
Participants (Please attach list of participants, if it is organized/conducted in the dept.))	7 <sup>th</sup> Semester Students
Mention organized /participated/attended	Prof. Kruthi T C, Prof. Hemalatha K (Faculty Coordinators)

#### **Event Description:**

The Placement Training Session on C Programming was organized by Dept of CSE for higher semester students of Sapthagiri College of Engineering, Bangalore on 13th October 2022. In this Placement Training Session the resource person gave an idea about C programming concepts like structures, unions as per industry standards. Students were interacting throughout the session and obtained the enough knowledge about the topic by asking their doubts with the resource person.





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**Department of Computer Science & Engineering** 

Accredited by NBA

Academic Year: 2022-2023



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Department of Computer Science & Engineering Accredited by NBA

Academic Year: 2022-2023

*Type of event/activity	Skill Enhancement Program
Name/Title of the Activity/Event	IBM Skill Building
Date of Organization	14 <sup>th</sup> October 2022
Venue (with address)	Seminar Hall, SCE, Bangalore
Organized by (Resource Person)	Department of Computer Science and Engineering.Resource Person: Ms. Swathi
Objectives of the event/activity	To develop effective communication skills and presentation skills
Participants (Please attach list of participants, if it is organized/conducted in the dept.))	3 <sup>rd</sup> Semester CSE students
Mention organized /participated/attended	Prof. Divyamani M K & Prof. Hemalatha K

#### **Event Description:**

Skill Enhancement program was conducted for improving the communication and presentation skills 3<sup>rd</sup> Semester Students of Department of Computer Science and Engineering, Sapthagiri College of Engineering, Bangalore on 14<sup>th</sup> October 2022. The following topics were discussed in the sessions:-Professionalism- Etiquettes: Communication Skills - Formal & pseudo- formal,E-mail writing, Presentation skills. How to face challenges. Resolving with critical thinking. Resume Building &

Presentation skills, How to face challenges, Resolving with critical thinking. Resume Building & LinkedIn Profiling: Resume Writing, format and layouts, LinkedIn profiling and Creating a Profile.Digital Literacy :Digital Footprint, Effective use of social media.

Skills training are designed to provide students with the targeted training they need to gain, the knowledge and abilities necessary to fulfill the specific requirements of their job positions. Skills training can also be used to re-educate and train students whenever new technology, processes or systems debut.

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Department of Computer Science & Engineering

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Academic Year: 2022-2023

Signature of the HOD

[Dr. Kamalakshi Naganna]



Note:

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**Coordinators:** 

Prof. Divyamani M K

Prof.Hemalatha K

Date of Submission: 22-10-2022

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Department of Computer Science & Engineering Accredited by NBA

Academic Year: 2022-2023

*Type of event/activity	Technical talk
Name/Title of the Activity/Event	EXTRACT TRANSFER LOAD USING TALEND TOOL
Date of Organization	15/10/2022
Venue (with address)	Department of Computer Science and Engineering
Organized by (Resource Person)	Prof. Sheela rani C M, Prof. shwetha A B
Objectives of the event/activity	To enhance knowledge in Computer Society as per industry standards.
Participants (Please attach list of participants, if it is organized/conducted in the dept.))	7 <sup>th</sup> Semester Students
Mention organized /participated/attended	Prof. Sheela rani C M, Prof. Shwetha A B (Faculty coordinators)

#### **Event Description:**

The Technical talk on **EXTRACT TRANSFER LOAD USING TALEND TOOL** was organized by Dept of CSE for higher semester students of Sapthagiri College of Engineering, Bangalore on 15th October 2022. In this Technical Talk the resource person gave an idea about Database Language as per industry standards. Students were interacting throughout the session and obtained the enough knowledge about the topic by asking their doubts with the resource person.

Sapthagiri College of Engineering 14/5, CRikkasandre, Heseradhatta Main Road Bengeluru - 560 057

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Academic Year: 2022-2023

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\*Type of activity:

**Technical talk** 

**Coordinator** Prof. **Sheela rani C M**, Prof. **Shwetha A B**  Signature of the HOD [Dr. Kamalakshi Naganna]

Date of Submission: 18/10/2022

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Department of Computer Science & Engineering Accredited by NBA

Academic Year: 2022- 2023

*Type of event/activity	Skill Enhancement Program
Name/Title of the Activity/Event	Karunadu Technologies Private Limited
Date of Organization	15 <sup>th</sup> October 2022
Venue (with address)	Room no 108, SCE, Bangalore
Organized by (Resource Person)	Department of Computer Science and Engineering. Resource Person: Mr.Umesh
Objectives of the event/activity	To develop effective Technical skills
Participants (Please attach list of participants, if it is organized/conducted in the dept.))	7 <sup>th</sup> Semester CSE students
Mention organized /participated/attended	Prof. Divyamani M K & Prof. Hemalatha K

#### **Event Description:**

The Skill Enhancement Program on Internet of Things was organized by Dept of CSE for 7<sup>th</sup> semester students of Sapthagiri College of Engineering, Bangalore on 15<sup>th</sup> October 2022. In this Skill Enhancement Program the resource person gave an idea about concepts based on Internet of Things as per industry standards. Students were interacting throughout the session and obtained the enough knowledge about the topic by asking their doubts with the resource person.

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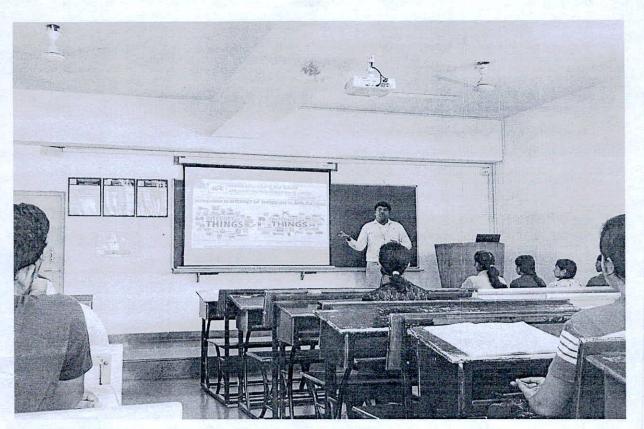


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**Coordinators:** 

Prof. Divyamani M K

Prof. Hemalatha K

Date of Submission: 15-10-2022

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Signature of the HOD

[Dr. Kamalakshi Naganna]



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#### Department of Computer Science & Engineering Accredited by NBA

Academic Year: 2022-2023

*Type of event/activity	Placement Training Session
Name/Title of the Activity/Event	Hands on session on Python Programming language
Date of Organization	19/10/2022
Venue (with address)	Department of Computer Science and Engineering
Organized by (Resource Person)	Prof. Vanitha G P
Objectives of the event/activity	To enhance knowledge in Python programming as per industry standards
Participants (Please attach list of participants, if it is organized/conducted in the dept.))	7 <sup>th</sup> Semester Students
Mention organized /participated/attended	Prof. Kruthi T C, Prof. Hemalatha K (Faculty Coordinators)

#### **Event Description:**

The Placement Training Session on Python Programming was organized by Dept of CSE for higher semester students of Sapthagiri College of Engineering, Bangalore on 19th October 2022. In this Placement Training Session the resource person gave an idea about Python programming concepts as per industry standards. Students were interacting throughout the session and obtained the enough knowledge about the topic by asking their doubts with the resource person.





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Academic Year: 2022-2023

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\*Type of activity:

**Placement Training Session** 

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Signature of the HoD

Date of Submission:19/10/2022

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Department of Computer Science & Engineering Accredited by NBA

Academic Year: 2022-2023

*Type of event/activity	Skill Enhancement Program
Name/Title of the Activity/Event	Technical skill Development by Ampershand Technologies
Date of Organization	22 <sup>nd</sup> October 2022
Venue	ALH-109 SCE, Bangalore
Organized by	Department of Computer Science and Engineering.
	Resource Person: Ms. Ranjana
Objectives of the event/activity	To develop effective Technical skills and Development skills
Participants	7 <sup>th</sup> Semester CSE students
Organized by	Prof. Divyamani M K & Prof. Hemalatha K

#### **Event Description:**

Skill Enhancement program was conducted for improving the technical and development skills for 7<sup>th</sup> Semester Students of Department of Computer Science and Engineering, Sapthagiri College of Engineering, Bangalore on 22<sup>nd</sup> October 2022. The following topics were discussed in the sessions:-

Predictive data analytics, Prescriptive data analytics, Diagnostic data analytics, Descriptive data analytics. The event was made more interesting and the students were able to learn the various aspects understand of Data Analytics like:

Data analytics is the science of analyzing raw data to make conclusions about that information. Data analytics help a business optimize its performance, perform more efficiently, maximize profit, or make more strategically-guided decisions. The techniques and processes of data analytics have been automated into mechanical processes and algorithms that work over raw data for human consumption. Various approaches to data analytics include looking at what happened (descriptive analytics), why something happened (diagnostic analytics), what is going to happen (predictive analytics), or what should be done next (prescriptive analytics). Data analytics relies on a variety of software tools ranging from spreadsheets, data visualization, and reporting tools, data mining programs, or open-source languages for the greatest data manipulation.

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Academic Year: 2022-2023

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Signature of the HOD

[Dr. Kamalakshi Naganna]



#### Note:

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**Coordinators:** 

Prof. Divyamani M K

Prof.Hemalatha K

Date of Submission: 29-10-2022

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## **Department of Computer Science & Engineering**

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Academic Year: 2022-2023

*Type of event/activity	Industrial Visit
Name/Title of the Activity/Event	ISRO UPSC Industrial visit
Date of Organization	27 <sup>тн</sup> February ,2023
Venue (with address)	OLD airport road ,Bangalore
Organized by	Department of Computer Science and Engineering.
Objectives of the event/activity	The objective of the visit was to provide a Technical Exposure to the students about Space Technology and advancements in Technology
Participants (Please attach list of participants, if it is organized/conducted in the dept.))	8 <sup>th</sup> Semester CSE students
Mention organized /participated/attended	Prof. Madhushree, Prof. Shashi Rekha G

#### **Event Description:**

A one day Industrial visit to Indian space Research Organization (ISRO), Bangalore was organized by the Department of Computer Science Engineering on 27<sup>TH</sup> February ,2023 with the lead role taken up by our beloved Head of the department Dr. Kamalakshi Naganna to organizing the visit. It was a half day visit comprising of 60 students of 2 sections from 8th semester along with faculties Prof. Madhushree and Prof. Shashi Rekha G. The objective of the visit was to provide a Technical Exposure to the students aboutSpace Technology and advancements in Technology. The visit not only provided a good insight into the quality of research happening in the area of space technology but also gave great exposure to the students about the future career prospects and areas of research in applied sciences. The Industrial Visit was a great benefit for the students to directly understand about the various concepts of satellite and space missions doneby ISRO.

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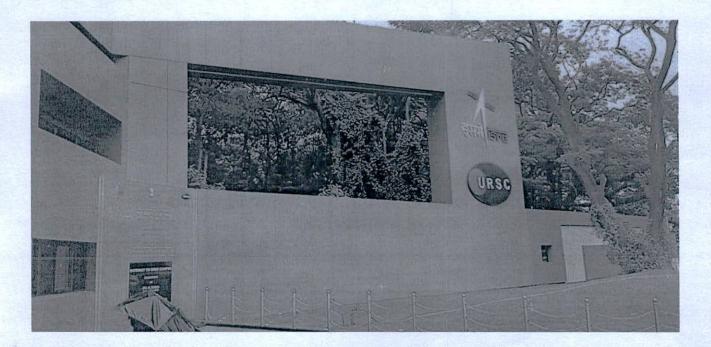


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Department of Computer Science & Engineering

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Academic Year: 2022-2023





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### **Department of Computer Science & Engineering**

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#### STUDENT EXPERINCE ON INDUSTRIAL VISIT

# A REPORT ON ONE DAY INDUSTRIAL VISIT

#### Place of visit: Indian space Research Organization (ISRO)

#### Date: 27<sup>TH</sup> February ,2023.

A batch of 8th semester students of Department of Computer Science and Engineering along with faculties Prof. Madhushree and Prof. Shashi Rekha G visited Indian space Research Organization (ISRO) at old airport road in Bangalore.

ISRO is amongst the largest government space agencies in the world. Its primary objective is to "harness space technology for national development, while pursuing space science research and planetary exploration." ISRO Satellite Centre (ISAC) is the lead center of the Indian Space Research Organization (ISRO) responsible for design, development, assembly & integration of communication, navigation, remote sensing, scientific and small satellite missions.

For the benefit of students there is a space exhibition center at ISAC. We were able to see the exhibition. The exhibition included the models of the first Indian satellite Aryabhatta, APPLE, INSAT series etc. Satellites are basically of two types- Indian Remote Sensing (IRS) satellites and communication satellites.IRS-1A was the first remote sensing mission undertaken by the Indian Space Research Organization (ISRO).

We had the opportunity to see the electronic components and other resources used in the development of satellites. We were briefed about the future projects of ISRO such as Gaganyaan and the 'clean room' concept for assembling of satellites were shown to us. Currently scientists were working on OCEANSAT-2 which will be launched in 2022/2023.A video depicting the moon mission of 'Chandraayan' was also displayed. Along with the videos the information about various components in the satellites and their purposes were explained. We were also told how the fishermen are benefitted by OCEANSAT .We were also told about factors affecting the satellite such as the temperature fluctuations , vibrations etc. The scientists also told that the above mentioned conditions are simulated and the satellite is tested against the conditions before sending it for a launch. We were also informed about the heights at which different types of satellites operate. At last, the question and answer session was really informative as scientists answered many of the doubts which students had about satellite launching and conditions under which satellites operate at the outer space.

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## **Department of Computer Science & Engineering**

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Academic Year: 2022- 2023

#### OUTCOME OF THE VISIT:

•It provided a Technical Exposure to the students about Space Technology and advancements in Technology.

•The visit not only provided a good insight into the quality of research happening in the area of space technology but also gave great exposure to the students about the future career prospects and areas of research in applied sciences.

•The Industrial Visit was a great benefit for the students to directly understand about the various concepts of satellite and space missions done by ISRO.

Srisha Nag C S , CSE 8B

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## **Department of Computer Science & Engineering**

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Academic Year: 2022-2023

L.No	NAME	USN	SL.No	NAME	USN
1.	Mandhara B G	1SG19CS057	34	Vaishnavi Vijay Kulkarni	1SG19CS117
2.	Manjunath Bharadwaj V	1sg19cs059	35	Shejal Singh	1SG19CS095
3.	Anish Bhat	1SG19CS007	36	Soumya	1SG19CS104
4.	K G Lakshmi Narayan	1SG19CS040		Sushil Kumar G N	1SG19CS112
5.	Kajal Dahiya	1SG19CS042	38	Pramod	1SG19CS076
6.	Harshini Girish Mitra	1SG19CS032	1.0.11.0.001	Sahana Gajanan Naik	1SG19CS087
7.	Chithra P	1SG19CS023	and the second se	Suvidha Manjunath Naik	1SG19CS113
8.	Mayank Raj	1SG19CS060		Thejashree B P	1SG19CS114
9.	Kamineni Pravalika	1SG19CS043	42	Shiv prasad	1SG19CS097
10.	Arham Saba	1SG19CS013		Pooja N M	1SG19CS073
11.	Etukulapati Meghana	1SG19CS030	and the second	Rakshith K P	1SG19CS084
12.	lifa Sharif	1SG19CS037		Rithvik Prashanth	1SG19CS085
13.	Megha Arun Talekar	1SG19CS061		Prabhakar B K	1SG19CS075
14.	Bhanuranjan S Bellakki	1SG19CS015		Srishti Suman	1SG19CS107
15.	Karan Raj	1SG19CS044		Shivani kumari	1SG19CS098
16.	Adharsh Bhanu Sharma Bs	1SG19CS004		Sajad Ahmad Rather	1SG19CS126
17.	Praneet	1SG19CS077		Suraksha M S	1SG19CS111
18.	Preetham P	1SG20CS410	51	Vanshaj Raj	1SG19CS118
19.	Nidhi N Sattigeri	1SG19CS070		Nisarga R K	1SG19CS071
20.	Umesh R G	1SG19CS116	5 53	Shekhar	1sg19cs096
21.	Neetu Vijayananda	1SG19CS069	54	Sunil A	1SG19CS110
22.	Srisha Nag C S	1SG19CS106	5 55	Shivani	1SG19CS098
23.	Rohith.S	1SG19CS086	5 56	Madhushree	Faculty
24.	Vinutha DS	1SG19CS122		Shashi Rekha G	Faculty
25.	Poojitha G	1SG19CS074			
26.	Sambram Shetty	1SG19CS089			
27.	Navdeep Tanwar	1SG19CS066			
28.	Yashaswini N	1SG19CS124			
29.	Padmini Sharma	1SG19CS072			
30.	Sunil A	1SG19CS110			
31.	Rajat Yadav	1SG19CS082			
32.	Shreyasi Patra	1SG19CS100			
33.	Rahul Kumar	1SG19CS08			

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**Department of Computer Science & Engineering** 

Accredited by NBA

Academic Year: 2022- 2023

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*Type of event/activity	Career guidance
Name/Title of the Activity/Event	Higher Education in Abroad
Date of Organization	29 <sup>th</sup> March 2023
Venue (with address)	ALH110, SCE, Bangalore
Organized by (Resource Person)	Department of Computer Science and Engineering. Resource Person: Mrs. Debasmita, Assistant Branch head at AECC study abroad Consultants
Objectives of the event/activity	Gain insight on higher education
Participants (Please attach list of participants, if it is organized/conducted in the dept.))	6 <sup>th</sup> Semester CSE students
Mention organized /participated/attended	Prof. Madhushree, Prof. Shashi Rekha G

#### **Event Description:**

Talk was conducted for the benefits of enhancing and improving the knowledge towards higher eduction 6<sup>TH</sup> Semester Students of Department of Computer Science and Engineering, Sapthagiri College of Engineering, Bangalore on 29<sup>th</sup> March 2023. She counseled the student towards higher studies in top universities in countries like the UK, the USA, Australia, New Zealand, Ireland, Canada, Dubai and Germany. She gave insight towards how to enter the top universities briefly discussed about the steps need to be followed to enter universities. Students were interacting throughout the session as it was more interactive.

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**BROCHURE:** 

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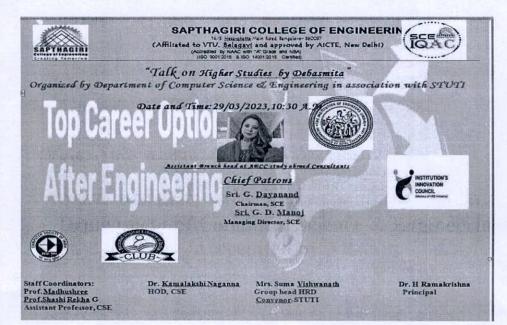
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**Department of Computer Science & Engineering** 

## Accredited by NBA

Academic Year: 2022- 2023



# Images:



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Department of Computer Science & Engineering Accredited by NBA

Academic Year: 2022- 2023



Note: (i)At the end map PO's (with 3/2/1):

202	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
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### \*Type of activity:

Workshop/seminar/conference/hackathon/hobby project/mini project/ Invited Talk/GuestLecture/ Skill enhancement program/Cultural activity/competitions etc.,

**Coordinators:** 

lis

Signature of the HOD

[Dr. Kamalakshi Naganna]

Date of Submission: 01-4-2023

Prof. Madhushree & Prof. ShashiRekha G

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## Department of Computer Science & Engineering Accredited by NBA

Academic Year: 2022-2023

*Type of event/activity	Webinar					
Name/Title of the Activity/Event	"How to plan for Start-up and legal and Ethical steps"					
Date of Organization	29/05/2023					
Venue (with address)	Department of Computer Science and Engineering, Google meet link: https://meet.google.com/pno-vbqg-fzw					
Organized by (Resource Person)	Mr. Hemanth Y K					
Objectives of the event/activity	Entrepreneurship skill development					
Participants (Please attach list of participants, if it is organized/conducted in The dept.))	2nd Sem, 4 <sup>th</sup> sem and 6 <sup>th</sup> semester Students					
Mention organized /participated/attended	Prof. Shwetha A B, Prof. Vyshnavi M					

#### **Event Description:**

Webinar was organized for the benefit of enhancing the importance and improving the knowledge of students on planning for start-up. The resource person Mr. Hemanth Y K delivered the speech on how to plan for start-up, registration process for the start-ups and also on yearly mandatory compliances. The resource person spoke about legal terms and Ethics for start-ups, also discuss about important fields to start a start-up. Mentioned the differences between startups and corporation and also pros of working at start-ups. The webinar was arranged for 2<sup>nd</sup> sem, 4<sup>th</sup> sem and 6<sup>th</sup> semester CSE students on 29<sup>th</sup> may 2023 at Sapthagiri College of Engineering, Bangalore. 4<sup>th</sup> and 6<sup>th</sup> sem students participated via Google meet.

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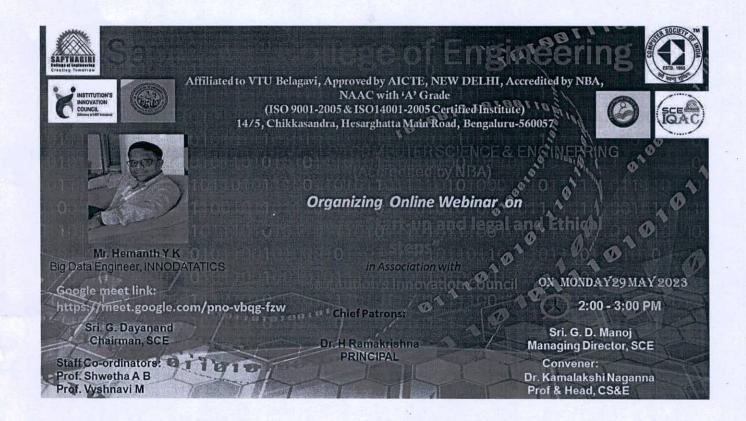


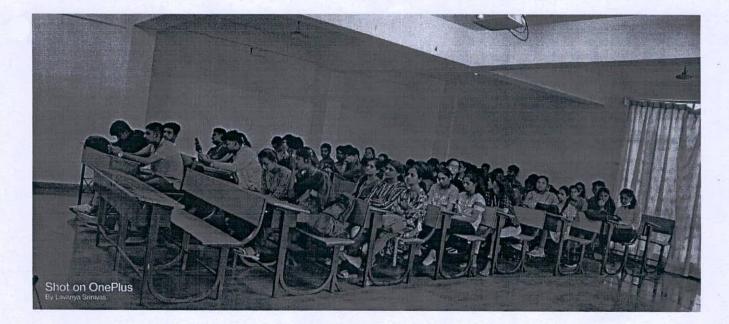
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Department of Computer Science & Engineering Accredited by NBA

Academic Year: 2022-2023

#### **Brochure:**







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Academic Year: 2022- 2023





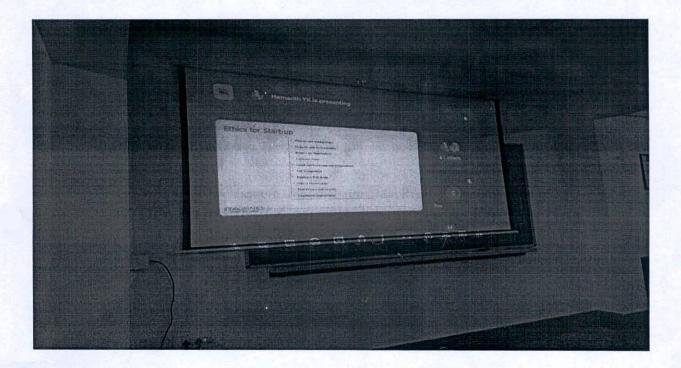
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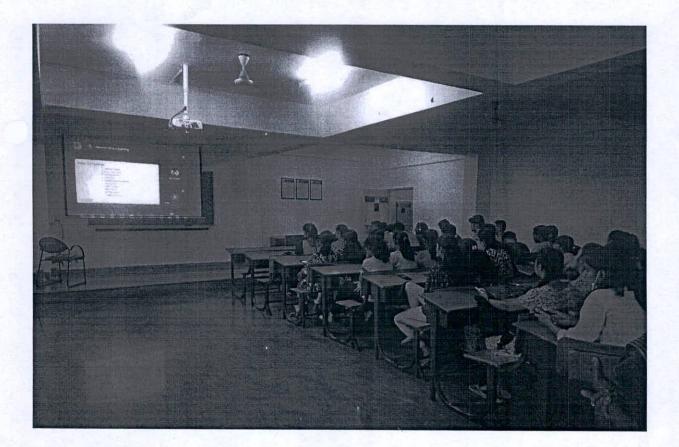


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**Department of Computer Science & Engineering** 

Accredited by NBA

Academic Year: 2022- 2023

List of participants:

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Academic Year: 2022- 2023

Note:

(i)At the end map PO's(with3/2/1):

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
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\*Type of activity:

Workshop/seminar/conference/hackathon/hobby project/mini project/ **Invited Talk**/Guest Lecture/ Skill enhancement program/Cultural activity/competitions etc.,

Coordinators:

**Prof. SHWETHA A B** 

**Prof. VYSHNAVI M** 

Date:29/05/2023

Signature of the HOD [Dr. Kamalakshi Naganna]

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## Department of Computer Science & Engineering Accredited by NBA

AcademicYear:2022-2023

*Type of event/activity	Alumni Talk				
Name/Title of the Activity/Event	Talk on scrum and sprint in agile software development				
Date of Organization	28 <sup>th</sup> July 2023				
Venue (with address)	Room no. 110, Dept. of CSE				
Organized by (Resource Person)	Department of Computer Science and Engineering. Resource Persons: Ankith Kumar				
Objectives of the event/activity	To give exposure on scrum and sprint in agile software development				
Participants (Please attach list of participants, if it is organized/conducted in the dept.)	4 <sup>th</sup> Semester CSE students				
Mention organized /participated/attended Dr. Kamalakshi Naganna, Prof. Roopa Banakar					

#### **Event Description:**

Alumni talk was conducted for the benefits of enhancing and improving the knowledge of students on trending technologies with industry perspective for 4<sup>th</sup> semester students of Department of Computer Science ad Engineering, Sapthagiri College of Engineering, Bangalore on 28<sup>th</sup> July 2023. Alumni spoke about scrum and sprint in agile software development. Scrum is an agile project management framework that helps teams structure and manage their work through a set of values, principles, and practices. Scrum describes a set of meetings, tools, and roles that work in concert to help teams structure and manage their work. Sprints are at the very heart of scrum and agile methodologies. A sprint is a short, time-boxed period when a scrum team works to complete a set amount of work.

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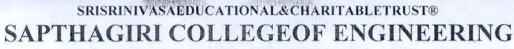
Department of Computer Science & Engineering Accredited by NBA

AcademicYear:2022-2023

### **Images of the Event**









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Department of Computer Science & Engineering Accredited by NBA

AcademicYear:2022-2023

#### Semester: IV SEM 'B'

Sl. No.	USN	Name of the Student				
1.	1SG21CS063	POORNIMA B				
2.	1SG21CS064	PRAJWAL GOWDA				
3.	1SG21CS066	PRAVEEN				
4.	1SG21CS067	PRINCY DEY				
5.	1SG21CS068	RADHA PRAKASH NAIR				
6.	1SG21CS069	RAJASHREE C				
7.	1SG21CS070	RAJEEV KUMAR				
8.	1SG21CS071	RAJESH JANA				
9.	1SG21CS072	RAKSHITHA C				
10.	1SG21CS073	RAVI B TUBAKI				
11.	1SG21CS074	REVATHI D				
12.	1SG21CS075	RISHAV RAJ				
13.	1SG21CS076	RISHU KUMAR SUREKA				
14.	1SG21CS077	ROHIT KUMAR				
15.	1SG21CS078	RUCHITHA N				
16.	1SG21CS079	RUDRANSH BHARDWAJ				
17.	1SG21CS080	S LIKHITH				
18.	1SG21CS081	SAHANA S				
19.	1SG21CS082	SAKSHI VERMA				
20.	1SG21CS083	SAMEER AHAMED S				
21.	1SG21CS084	SANDESH G C				
22.	1SG21CS085	SANGEETHA M				
23.	1SG21CS086	SANIHA S HAVANUR				
24.	1SG21CS087	SANJANAA B A				
25.	1SG21CS088	SHARAN TEJA KG				
26.	1SG21CS089	SHARIKA M				
27.	1SG21CS090	SHASHANK U				
28.	1SG21CS091	SHASHI M N				
29.	18G21CS092	SHASHI VARDHAN				
30.	18G21C8093	SHEETHAL S				
31.	1SG21CS094	SHILPA C R				
32.	18G21C8095	SHILPA M				
33.	18G21C8096	SHREYA P				
34.	· 18G21C8097	SHRINIDHI S				
35.	1SG21CS098	SHUBHAM SINGH				
36.	1SG21CS099	SHWETA N G				

Sl. No.	USN	Name of the Student
37.	1SG21CS100	SHWETHA K
38.	1SG21CS102	SINCHANA NAGESH
39.	1SG21CS103	SNEHA SAMANVITHA
40.	1SG21CS104	SNEHA VINOD AGARWAL
41.	1SG21CS105	SOURABH SHOKRAJ
42.	1SG21CS106	SOWMESH S
43.	1SG21CS107	SPOORTHI B P
44.	1SG21CS108	SUHAS R
45.	1SG21CS109	SUPRIYA SHRIKANTH HEGDE
46.	1SG21CS110	SYEDA ZYNAB
47.	1SG21CS111	TASVI V SHETTY
48.	1SG21CS112	TEJAS A M
49.	1SG21CS113	TEJASWINI M
50.	1SG21CS114	THANUSHREE H M
51.	1SG21CS115	THOMS JACOB T
52.	1SG21CS116	UDAYA SHANKAR L
53.	1SG21CS117	VARSHINI
54.	1SG21CS118	VARUN N
55.	1SG21CS119	VARUN P
56.	1SG21CS120	VASANTH G
57.	1SG21CS121	VIBHA VASU N B
58.	1SG21CS122	VIKASH KUMAR GUPTA
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## Department of Computer Science & Engineering Accredited by NBA



AcademicYear:2022-2023

*Type of event/activity	Workshop			
Name/Title of the Activity /Event	Workshop on Innovative Design and Thinking			
Date of Organization	26 <sup>th</sup> and 27 <sup>th</sup> July 2023			
Venue (with address)	Academic Block 305,306			
Organized by (Resource Person)	Prof. Pooja and Team from RV Institute of Management			
Objectives of the event/activity	To enhance the Innovative thinking knowledge of the students			
Participants (Please attach list of participa if it is organized/conducted in the dept.)	2 <sup>nd</sup> sem CSE students			
Mention organized /participated/attended	Prof. Vyshnavi M Prof. Shwetha A B Prof. Lavanya K			

#### **Event Description:**

Workshop was conducted for the benefits of enhancing and improving the knowledge of Innovation and design thinking in IT for all the 2<sup>nd</sup> semester Students of Department of Computer Science and Engineering, Sapthagiri College of Engineering, Bangalore on 26<sup>th</sup> & 27<sup>th</sup> July 2023. The resource person for this workshop was from RV Institute of Management Prof. pooja and team members. Resource person gave a intellectual talk on design thinking which is a powerful tool, all professionals can benefit from. By developing design thinking skills, one can become more creative problem solver. The five important phases of design thinking was explained very well and also how it can be applied to real life problems to get the best solutions from user perspective.

The following activities were conducted as part of the workshop:

- Students were grouped together into 10 batches.
- · Each batch was assigned with problem statement.
- students were asked to find the solution by applying design thinking.
- Students were evaluated in all the five phases.
- The students with the best solution and presentation skills was declared as winners.
- The certificate was awarded by the Principal sir to the winner team.



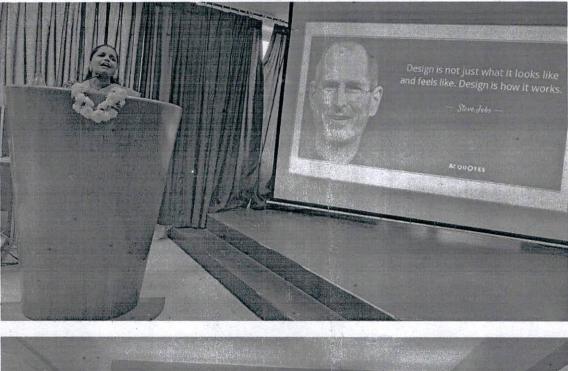


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Department of Computer Science & Engineering Accredited by NBA

AcademicYear:2022-2023

Images:





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Department of Computer Science & Engineering Accredited by NBA

AcademicYear:2022-2023



Certificate distribution for winners

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**Department of Computer Science & Engineering** 

Accredited by NBA

AcademicYear:2022-2023

### **Participants List**

Gro	up-1 Kingmakers		Group-6 Conquerors
1)	SUHAS G N	1)	MADHAVI S
2)	SUMUKHA M D	2)	KRUTHIKA K M
3)	SRINIVAS J R	3)	AISHWARYA R
4)	SOURAV SHANKER	4)	BHOOMIKA B S
5)	PANKAJ YADAV	5)	ANUSHA D WALIKAR
6)	SANGMESH	6)	HINDUJA R P
7)	ROHAN	• 7)	HIMAVARSHINI V
8)	YESHWANTH H K	8)	GEETHA K
9)	NIITEESH	9)	G RASHMITHAA PRABHU
10)	SRUJAN KUMAR D	10	) NANDITHA R
11)	SRINIVAS K T	11	) LIKHITHA V
12)	SUDARSHAN RUDRAPURE	. 12	) HITHAISHI G
13)	SATYAM	13	BINDUSHREE E

#### Group-2 Wednesday Warriors

1)	Vidyashree V Naik		1)
2)	Thanvi B V		2)
3)	Rakshitha M S		3)
4)	Samanvitha CM		4)
5)	Raksha V Kadagi		5)
6)	Punya Chaitanya N		6)
7)	R Rashmi		7)
8)	Prapthi Shenava		8)
9)	Radhika B	•	9)
10)	Tejaswini C		10
11)	Smriti		12
			13
Gro	oup-3 Team Phoenix		
1)	Yashvanth		1)
2)	Pavan S		2)
			-

Tejaswi P Achar

Sudeep N R

3)

4)

### **Group-7** Innovators

Charan H D Hemanth J Gowda Abhijeeth S Chandan Gowda Niranjan Jay Hima Shetty Gauri Amith Manasa H B Jomi Maria Annie Jaison J S **Group-8 Vanquishers** Aman Harshit Mohanty 3) Kumar Ayush 4) Md. Jaki Imam

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AcademicYear:2022-2023

#### Note:

(i)At the end map PO's (with3/2/1):

PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
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#### \*Type of activity:

**Workshop**/seminar/conference/hackathon/hobby project/mini project/ Invited Talk/Guest Lecture/ Skill enhancement program/Cultural activity/competitions etc.,

**Coordinators:** 

Signature of the HOD

Prof. Prof. Vyshnavi M Prof. Shwetha A B Prof. Lavanya K [Dr. Kamalakshi Naganna]

Date of Submission: 29-07-2023

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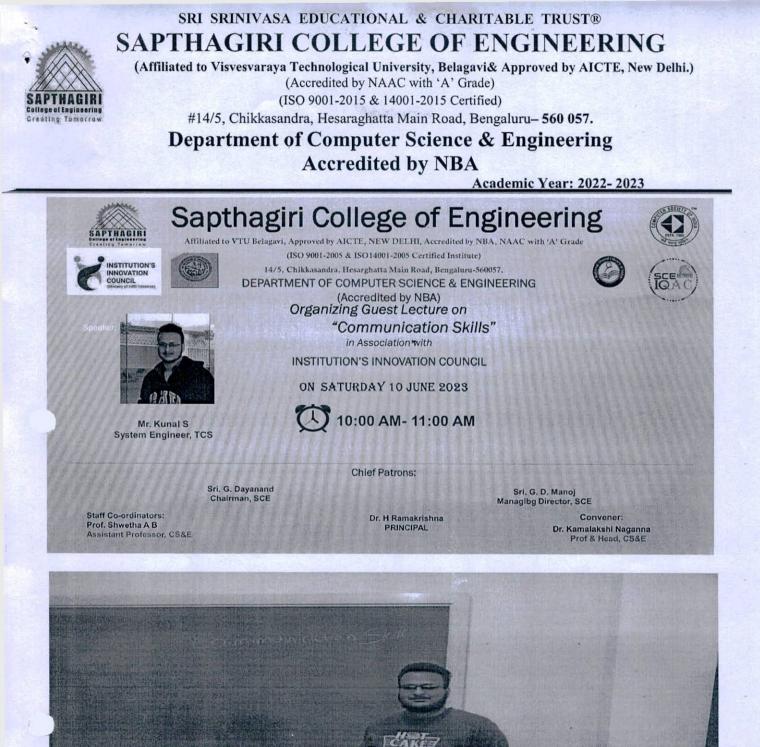
Accredited by NBA Academic Year: 2022- 2023

*Type of event/activity	Guest Lecture				
Name/Title of the Activity/Event	"Communication Skills"				
Date of Organization	10/06/2023				
Venue (with address)	Department of Computer Science and Engineering				
Organized by source Person)	Mr. Kunal S				
Objectives of the event/activity	To enhance Communication Skills of the students.				
Participants (Please attach list of participants, if it is organized/conducted in The dept.))	4 <sup>th</sup> semester Students				
Mention organized /participated/attended Prof. Shwetha A B					

#### **Event Description:**

The Event on **COMMUNICATION SKILLS** was conducted on 10<sup>th</sup> June 2023 at 10:00AM. The program was successfully organized for the 4<sup>th</sup> semester students of Department of Computer Science End Engineering, Sapthagiri college of engineering. The speaker for this event was **Mr. Kunal S** who successfully delivered the topics on verbal communication, Non verbal communication and also brief about how to Communicate with confidence during interviews. The resource person given some tips on writing skills.

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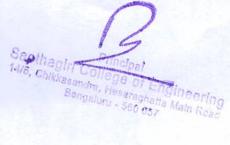
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## Department of Computer Science & Engineering Accredited by NBA

Academic Year: 2022-2023

## **Participants List:**

SL.No	NAME	SL.No	NAME
1.	Aditi Roy	31.	Pankaja S
2.	Aishwarya L	32.	Pratiksha Ambesange
3.	Anindita Goswami	33.	Princy
4.	Anjan	34.	Rajesh Jana
5.	Anusha T P	35.	Ravi B Tubaki
6.	Aryan Vaidya	36.	Rudransh
7.	Avinash	37.	Sahana S
8.	Ayushi	38.	Sangeetha M
9.	Bharathi G P	39.	Sakshi Verma
10.	Birajdar Prajwal	40.	Shashi M N
11.	Brunda M N	41.	Shilpa
12.	Deeksha R	42.	Shilpa M
13.	Dhanush soraganvi	43.	Shrinidhi S
14.	Dhruthi G Rao	44.	Shubham
15.	Divya P	45.	Sinchana T D
16.	Divyashree B	46.	Sowmesh S
17.	Esther J	47.	Suhas
18.	Harsh Raj	48.	syeda zynab
19.	Harshitha M	49.	Vasanth
20.	Hemanth	50.	Vikash kr Gupta
21.	Hemashree G	51.	Vishnu Darshan h
22.	Keerthana A	52.	Yashwanth N
23.	Khushi L	53.	Tejas A M
24.	Kumar Aditya	54.	Yashwanth T S
25.	Kusuma B	55.	Moulya S N
26.	likitha g	56.	nethra m c
27.	Malhari	57.	Nirmala
28.	Mariya Sharli P		
29.	Mohan Krishna		1.
30.	Monisha		0

Eshelpei Septhagiri College of Engineering 14/8, Chikkasendra, Hesareghata Main Road Bengaluru - 650 057



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Academic Year: 2022-2023

Note:

(i)At the end map PO's(with3/2/1):

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
2	2	2	-	3	3	2	-	-	2	1	1
					1 2 2 4						

#### \*Type of activity:

Workshop/seminar/conference/hackathon/hobby project/mini project/ Invited Talk/Guest Lecture/ Skill enhancement program/Cultural activity/competitions etc.,

**Coordinators:** 

[Prof. SHWETHA A B]

Signature of the HOD \_

[Dr. Kamalakshi Naganna]

Date:28/06/2023

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*Type of event/activity	Alumni Talk			
Name/Title of the Activity/Event	Talk on career guidance			
Date of Organization	3 <sup>rd</sup> June 2023			
Venue Room no. 110, Dept. of CSE (with address)				
Organized by (Resource "son)	Department of Computer Science and Engineering. Resource Persons: Stuthi Singh			
Objectives of the event/activity To give exposure on choosing a right career with a proper prepa				
Participants (Please attach list of participants, if it is organized/conducted in the dept.)	4 <sup>th</sup> Semester CSE students			
Mention organized /participated/attended Dr. Kamalakshi Naganna, Prof. Roopa Banakar				

#### **Event Description:**

Alumni talk was conducted for the benefits of enhancing and improving the knowledge of students on preparation for facing the interviews confidently with industry perspective for 4<sup>th</sup> semester students of Department of Computer Science adEngineering, Sapthagiri College of Engineering, Bangalore on 3<sup>rd</sup> June 2023. Alumni spoke about assessments being taken for employees in the companies, how to keep ourselves up-to-date with the current technologies. Alumni enlightened on how to prepare for the interview by making the foundation strong in programming languages, and having a thorough knowledge about it will help in facing the interview confidently.

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Academic Year: 2022- 2023

### Brochure of "Talk on career guidance"



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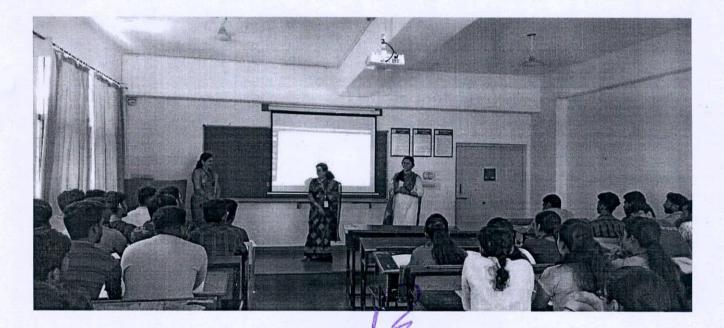
Department of Computer Science & Engineering

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Academic Year: 2022- 2023

Images of the Event





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Department of Computer Science & Engineering Accredited by NBA

Academic Year: 2022-2023

#### Participants List: IV SEM 'A'

S1.	USN	Name of the Student
1.	1SG21CS001	ABHAY SURYA I
2.	1SG21CS002	ADARSH M
3.	1SG21CS003	ADITI ROY
4.	1SG21CS004	AISHWARYA
5.	1SG21CS005	AISHWARYA L
6.	1SG21CS006	ANINDITA GOSWAMI
7.	1SG21CS007	ANTARIKSHA RAMAN
	1SG21CS008	ARYAN ROHAN
9.	1SG21CS009	ARYAN VAIDYA
10.	1SG21CS010	ASHIQ KUMAR H
11.	1SG21CS011	AVINASH KUMAR
12.	1SG21CS012	AYUSHI GUPTA
13.	1SG21CS013	BHARATHI GP
14.	1SG21CS014	BHARGAV G B
15.	1SG21CS015	BIRAJDAR PRAJWAL
16.	1SG21CS016	BRUNDA HC
17.	1SG21CS017	CHANDRIKA N
18.		DARSHAN GOWDA V
19.	1SG21CS019	DEEKSHA R
20.	1SG21CS020	DEEKSHITH H Y
21.	1SG21CS021	DHANUSH
22.	1SG21CS022	DHRUTHI G RAO
	1SG21CS023	DIVYASHREE B
24.	1SG21CS024	G V ABHISHEK JAI HARIN
25.	1SG21CS025	GANESH PRASAD U
26.	1SG21CS026	HADAPADA RADHIKA
27.	1SG21CS027	HARSH RAJ
28.	1SG21CS028	HARSHA V
29.	1SG21CS029	HARSHALA DOLLY L
30.	1SG21CS030	HARSHITHA M
31.	1SG21CS031	HEMANTH
32.	1SG21CS032	HEMANTH R
33.	1SG21CS033	HEMASHREE G
34.	1SG21CS034	JANAVI R N
35.	1SG21CS035	JEEVAN H
36.	1SG21CS036	KAVYA N V

Sl. No.	USN	Name of the Student
40.	1SG21CS040	KUMAR ADITYA
41.	1SG21CS041	KUSHAL D
42.	1SG21CS042	KUSHAL KUMAR G
43.	1SG21CS043	KUSUMA B
44.	1SG21CS044	KUSUMA H R
45.	1SG21CS045	LIKHITHA P
46.	1SG21CS046	LIKITHA G
47.	1SG21CS047	MAHESH A R
48.	1SG21CS048	MANOJ KUMAR N
49.	1SG21CS049	MARIYA SHARLI P
50.	1SG21CS050	MEGHANA H
51.	1SG21CS051	MEGHANATHA R
52.	1SG21CS052	MOHAN KUMAR H R
53.	1SG21CS053	MOHITH K
54.	1SG21CS054	MONI SHREE M
55.	1SG21CS055	MOULYA S N
56.	1SG21CS056	NAGABHUSHAN B
57.	1SG21CS057	NETHRA M C
58.	1SG21CS058	NIDHI A M
59.	1SG21CS059	NIKITHA A
60.	1SG21CS060	P P AVINASH
61.	1SG21CS061	PANKAJA S
62.	1SG21CS062	PARINITH GOWDA G
63.	1SG21CS065	PRATIKSHA AMBESANGE

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Department of Computer Science & Engineering Accredited by NBA

Academic Year: 2022-2023

#### Semester: IV SEM 'B'

Sl. No.	USN	Name of the Student
1.	1SG21CS063	POORNIMA B
2.	1SG21CS064	PRAJWAL GOWDA
3.	1SG21CS066	PRAVEEN
4.	1SG21CS067	PRINCY DEY
5.	1SG21CS068	RADHA PRAKASH NAIR
6.	1SG21CS069	RAJASHREE C
2	1SG21CS070	RAJEEV KUMAR
ò.	1SG21CS071	RAJESH JANA
9.	1SG21CS072	RAKSHITHA C
10.	1SG21CS073	RAVI B TUBAKI
11.	1SG21CS074	REVATHI D
12.	1SG21CS075	RISHAV RAJ
13.	1SG21CS076	RISHU KUMAR SUREKA
14.	1SG21CS077	ROHIT KUMAR
15.	1SG21CS078	RUCHITHA N
16.	1SG21CS079	RUDRANSH BHARDWAJ
17.	1SG21CS080	S LIKHITH
18.	1SG21CS081	SAHANA S
19.	1SG21CS082	SAKSHI VERMA
20.	1SG21CS083	SAMEER AHAMED S
21.	1SG21CS084	SANDESH G C
	1SG21CS085	SANGEETHA M
23.	1SG21CS086	SANIHA S HAVANUR
24.	1SG21CS087	SANJANAA B A
25.	1SG21CS088	SHARAN TEJA KG
26.	1SG21CS089	SHARIKA M
27.	1SG21CS090	SHASHANK U
28.	1SG21CS091	SHASHI M N
29.	1SG21CS092	SHASHI VARDHAN
30.	1SG21CS093	SHEETHAL S
31.	1SG21CS094	SHILPA C R
32.	1SG21CS095	SHILPA M
33.	1SG21CS096	SHREYA P
34.	1SG21CS097	SHRINIDHI S
35.	1SG21CS098	SHUBHAM SINGH
36	1000100000	OTHUETA N.C.

No.	USN	Name of the Student
37.	1SG21CS100	SHWETHA K
38.	1SG21CS102	SINCHANA NAGESH
39.	1SG21CS103	SNEHA SAMANVITHA
40.	1SG21CS104	SNEHA VINOD AGARWAL
41.	1SG21CS105	SOURABH SHOKRAJ
42.	1SG21CS106	SOWMESH S
43.	1SG21CS107	SPOORTHI B P
44.	1SG21CS108	SUHAS R
45.	1SG21CS109	SUPRIYA SHRIKANTH HEGDE
46.	1SG21CS110	SYEDA ZYNAB
47.	1SG21CS111	TASVI V SHETTY
48.	1SG21CS112	TEJAS A M
49.	1SG21CS113	TEJASWINI M
50.	1SG21CS114	THANUSHREE H M
51.	1SG21CS115	THOMS JACOB T
52.	1SG21CS116	UDAYA SHANKAR L
53.	1SG21CS117	VARSHINI
54.	1SG21CS118	VARUN N
55.	1SG21CS119	VARUN P
56.	1SG21CS120	VASANTH G
57.	1SG21CS121	VIBHA VASU N B
58.	1SG21CS122	VIKASH KUMAR GUPTA
59.	1SG21CS123	YASHASWINI T
60.	1SG21CS124	YASHWANTH KUMAR T S
61.	1SG21CS125	ZAIN HABIB
62.	COB	SPANDANA H S

Principal Principal Engineerin Bengaluru - 567 14/5, Chikkesandra, Hesaraghatta Main Ro



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## Department of Computer Science & Engineering Accredited by NBA

Academic Year: 2022-2023

Note:

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PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
2	2	2	-	3	3	2	1 <del>.</del>		2	1	1
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#### \*Type of activity:

Workshop/seminar/conference/hackathon/hobby project/mini project/Invited Talk/GuestLecture/ Skill enhancement program/Cultural activity/competitions etc.,

**Coordinator:** Prof. Roopa Banakar Signature of the HOD Dr. Kamalakshi Naganna

Din

Date of Submission: 08-06-2023

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### **Department of Computer Science & Engineering**

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Academic Year: 2022- 2023

*Type of event/activity	Technical Talk
Name/Title of the Activity/Event	Introduction To Capstone Project
Date of Organization	19 <sup>th</sup> April 2023
Venue	Seminar hall
ganized by (Resource Person)	Department of Computer Science and Engineering. Resource Person: Mr. Mark Brandon Vernum
Objectives of the event/activity	To enhance the knowledge of doing Project
Participants (Please attach list of participants, if it is organized/conducted the dept.)	6 <sup>th</sup> sem CSE students
Mention organized /participated/attended	Prof. Sheela Rani C M/Prof. Er. Rakesh Kalshetty

#### **Event Description:**

Technical talk was conducted for the benefits of enhancing and improving the knowledge of doing Project with industry perspective for all the 6<sup>th</sup> semester Students of Department of Computer Science and Engineering, Sapthagiri College of Engineering, Bangalore on 19<sup>th</sup> April 2023. The capstone project has become an integral part of the university degree curriculum. It can take many various forms, but its purpose remains the same. The capstone project is a unique opportunity to carry out independent group research in order to devise an innovative solution for a real-world problem. While a project of this scope and scale can be challenging, it can also be very rewarding.

The capstone project is usually the final assignment and plays a vital role in preparing students for the world of work thanks to its practical applications and ability to help hone students' professional knowledge and skills.

- It prepares you for the working world
- It helps build your CV and help you stand out as a candidate
- T, 00 1 11 ... 1

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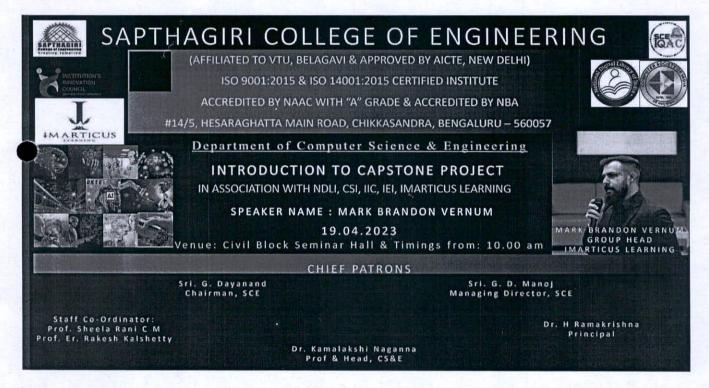
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**Department of Computer Science & Engineering** 

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Academic Year: 2022-2023

## Brochure of Technical Talk:



Images:



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**Department of Computer Science & Engineering** 

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Academic Year: 2022- 2023

### **Participation List:**

USN	Name of the Student	USN	Name of the Student
1SG20CS001	ABHISHEK G B	1SG20CS031	DEVADUTTA B R
1SG20CS002	ABHISHEK K J	1SG20CS032	DHANRAJ P
1SG20CS003	ADITYA ADIGA K	1SG20CS033	DIVYA B S
1SG20CS004	ADITYA SINGH	1SG20CS034	DIVYA N
1SG20CS005	AISHWARYA LAKSHMI R	1SG20CS035	DYUTHI A I
1SG20CS006	AISHWARYA SINGH	1SG20CS036	FAHAD MOHAMMED
1SG20CS007	AKASH PUJARI	1SG20CS037	GANESH H P
1SG20CS008	AKSHAY KUMAR JOSHI	1SG20CS038	GANESHA S
1SG20CS009	ANKUSH GOWDA R	1SG20CS039	GAURAV SINGH
1SG20CS010	ANSTIN GEORGE	1SG20CS040	GAURAV YADAV
1SG20CS011	APOORVA V	1SG20CS041	H N NITHYASREE
1SG20CS012	ARCHANA G	1SG20CS042	HARSH KUMAR
1SG20CS013	ARCHANA S	1SG20CS044	HARSHITHA J
1SG20CS014	ARPITHA M N	1SG20CS045	HITHAISHI S
1SG20CS015	ARPITHA R	1SG20CS046	HRIDAY THAPA
1SG20CS016	ARYA SINHA	1SG20CS047	HRUTHKARSHA D S
1SG20CS017	ATUL ANAND	1SG20CS048	JAYANTH M
1SG20CS018	AVEEK CHAKRABORTY	1SG20CS049	JISHNU JAYADEVAN
1SG20CS019	BADAL KUMAR	1SG20CS050	JYOTHI N
1SG20CS020	BHARATH GOWDA S	1SG20CS051	K SARAVANAN
1SG20CS021	BHASKAR P	1SG20CS052	KAVIRAJ J
1SG20CS022	BHOOMIKA D K	1SG20CS053	KAVYA S
1SG20CS023	CHAITRA D	1SG20CS054	KEERTHANA S
1SG20CS024	CHANDAN C S	1SG20CS055	KHUSHI SHEKHAR T C
1SG20CS025	CHANDANA D S	1SG20CS056	KISHAN KUMAR
1SG20CS026	CHANDANA V	1SG20CS057	KRUTHI S
1SG20CS027	CHANDU T R	1SG21CS400	AISHWARYA S
1SG20CS028	DEEPTHI S	1SG21CS401	DHANUSH Y T
1SG20CS029	DEEPTHI S HEGDE	1SG21CS402	DUSHYANTH G
1SG20CS030	DEEPTI KULKARNI	1SG21CS403	H V MANOJ KUMAR
1SG21CS404	JASWANTH ARADHYA S	1SG20CS085	RAKSHITH G C

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1SG21CS405	K KIRAN KUMAR	1SG20CS086	RISHAV ANAND
1SG21CS406	K S TANMAYI	1SG20CS087	RITIK RAJ
1SG21CS407	KARAN S NAIDU	1SG20CS088	S MEHAK AFREEN
1SG21CS408	KAVANA M	1SG20CS089	S VINODKUMAR
1SG19CS067	NAVEEN KUMAR M	1SG20CS091	SAHANA N
1SG20CS058	KUMAR SWAMY B U	1SG20CS092	SAKSHEE SINGH
1SG20CS059	KUMUDHA H I	1SG20CS093	SANGEETHA J
1SG20CS060	LIKHITH B	1SG20CS094	SANTHOSH D
1SG20CS061	MANASA K G	1SG20CS095	SHARATH Y P
1SG20CS062	MONISHA P S	1SG20CS096	SHASHANK P
1SG20CS063	N PANDURANGE GOWD	1SG20CS097	SHILPA BIRADAR
1SG20CS064	NAGARAJU K	1SG20CS098	SHILPA G P
1SG20CS065	NAVNEET NAMAN	1SG20CS099	SHIVUROOPESH M
1SG20CS066	NAWEEL MANJOOR	1SG20CS100	SHRAVAN L
1SG20CS067	NIKSHITHA K	1SG20CS101	SHREYA SHETTY S
1SG20CS068	NISARGA S	1SG20CS102	SNEHA S
1SG20CS069	NISHANT P CHOUHAN	1SG20CS103	SREEKAR NUTALAPATI
1SG20CS070	NUHUSHAN SHAREEF S	1SG20CS104	SUKHPREET SINGH
SG20CS071	PANCHL MONIKA	1SG20CS105	SURYAKANT
1SG20CS072	PAVAN KUMAR P	1SG20CS106	TSEWANG CHOSKIT
1SG20CS073	PAVAN R	1SG20CS107	UJWAL GOWDA V
1SG20CS074	PAVITHRA B L	1SG20CS108	VANDANA M S
1SG20CS075	PAVITHRA H	1SG20CS109	VARSHITHA C
1SG20CS076	POORNIMA T	1SG20CS110	VIDISH GUPTA
1SG20CS077	PRADEEPKUMAR S	1SG20CS111	VINDHYA G
1SG20CS078	PRAKHAR SURAJ	1SG20CS112	VIPIN K S
1SG20CS079	PRAMIT KUMAR MANDAL	1SG20CS113	VISHWAS H R
1SG20CS080	PRAMOD KUMAR S J	1SG20CS114	VIVAN KUSHAL HENEGER
1SG20CS081	PRAVEEN KUMAR N	1SG20CS115	NISARGA S
1SG20CS082	PREETHAM S G	1SG21CS409	MANISHA K
1SG20CS083	PUNITH S	1SG21CS410	MANOJ S
1SG20CS084	PUSHPENDER KUMAR	1SG21CS411	MARUTHI G



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**Department of Computer Science & Engineering** 

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Academic Year: 2022- 2023

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PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
2		3	-	-	3	2	2			2	2

\*Type of activity:

Workshop/seminar/conference/hackathon/hobby project/mini project/ Invited Talk/Guest Lecture/ Skill enhancement program/Cultural activity/competitions etc.,

Pen 10

Signature of the HOD [Dr. Kamalakshi Naganna]

Coordinators: Prof. Sheela Rani C M Prof. Er. Rakesh Kalshetty

ate of Submission: 21-04-2023

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**Department of Computer Science & Engineering** 

Accredited by NBA

Academic Year: 2022- 2023

*Type of event/activity	Online Webinar
Name/Title of the Activity/Event Introduction to Spring Boot and React	
Date of Organization	11 <sup>th</sup> March 2023
Venue (with address)	https://meet.google.com/ypf-kprf-svb?pli=1
Organized by (Resource Person)	Department of Computer Science and Engineering. Resource Persons: Naga Deepthi M Ramachandra
Objectives of the event/activity	To share the Knowledge on Spring Boot and React in present real time environment.
Participants (Please attach list of participants, if it is organized/conducted in the dept.))	CSE students
Mention organized Dr. Kamalakshi Naganna, Prof. Poornima GJ, Prof. Lavanya K /participated/attended	

#### **Event Description:**

Online Webinar was conducted for the benefits of enhancing the important and improving the knowledge of students on Spring Boot and React for the real world Environment. For 8<sup>th</sup> semester students of Department of Computer Science and Engineering, Sapthagiri College of Engineering, Bangalore on 11<sup>th</sup> March 2023. Webinar light on continuous assessments being taken for employees in the companies, how to keep ourselves up-to-date with the current technologies. They enlightened on basic knowledge about how React is used to build user interfaces on the front end. Spring Boot is popular to develop Restful web services and micro services. They let you use state and other React features without writing a class , easy to use view in Java Script and more information is covered in the Webinar.

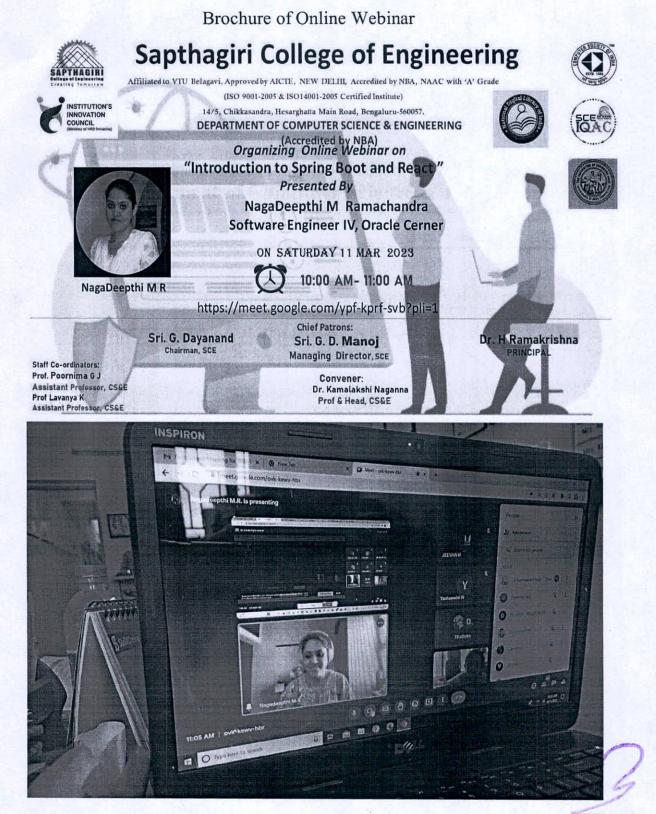
Principal Sapthagiri College of Engineering 14/5, Chikkasandra, Hesaraghatta Main Road Bengaluru - 560 057



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Academic Year: 2022- 2023

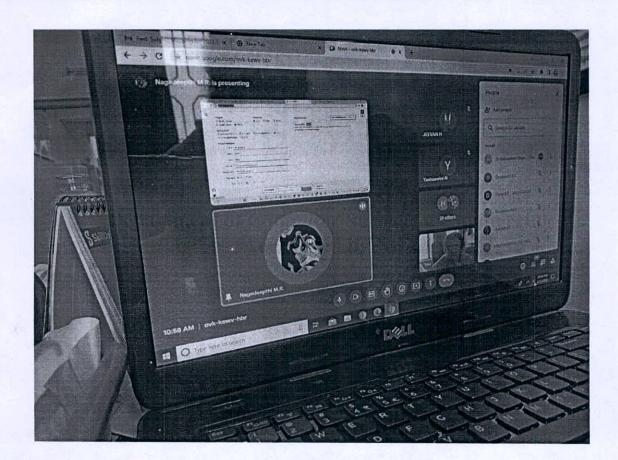


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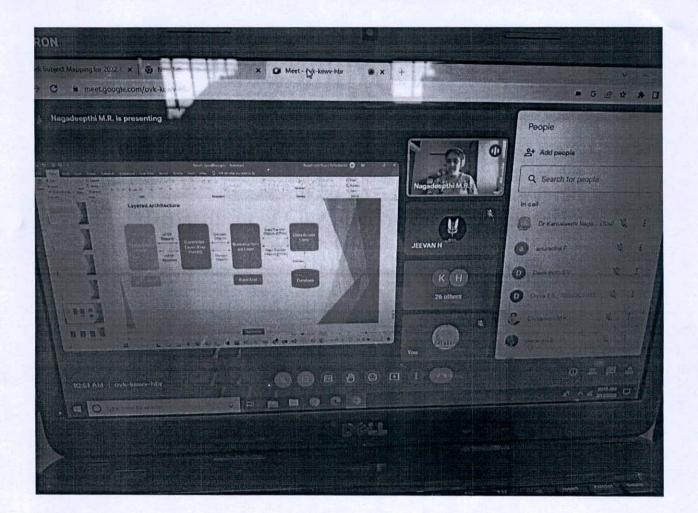
Principal

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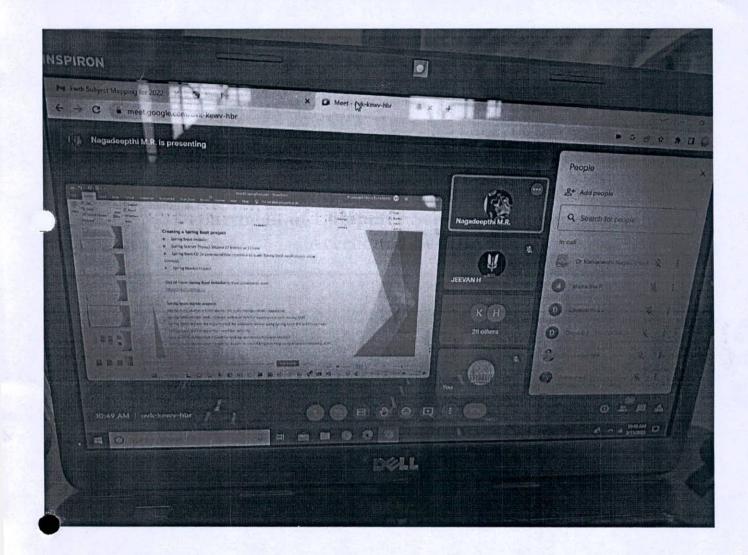


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Department of Computer Science & Engineering Accredited by NBA

Academic Year: 2022- 2023

#### Participants List Semester: 8<sup>th</sup> 'A'

S1.	USN	Name of the Student	
1.	1SG18CS019	BHUVAN GOWDA B S	
2.	1SG18CS022	DARSHAN S	
3. 1SG19CS001		ABHAY SMARAN	
4. 1SG19CS002		ABHIJITH YADAV L	
5.	1SG19CS003	ABHILASH S	
6.	1SG19CS004	ADHARSH BHANU	
7.	1SG19CS005	AMAN KUMAR	
8.	1SG19CS006	AMOGHA NATEKAR J	
9.	1SG19CS007	ANISH BHAT	
10.	1SG19CS008	ANJALI G S	
11.	1SG19CS009	ANKUR KUMAR	
12.	1SG19CS010	ANUBHAW ANAND	
13.	1SG19CS011	ANURAG SINGH	
14.	1SG19CS012	ANUSHA D V	
15.	1SG19CS013	ARHAM SABA	
16.	1SG19CS014	ASHISH SINGH	
17.	1SG19CS015	BHANURANJAN S	
18.	1SG19CS016	BHAVYA VAISHNAVI	
19.	1SG19CS017	BHUMIKA M	
20.	1SG19CS018	CHANDAN V M	
21.	1SG19CS019	CHANDANA G	
22.	1SG19CS020	CHANDRALA P	
23.	1SG19CS021	CHARAN S	
24.	1SG19CS022	CHETHANA R KARIGER	
25.	1SG19CS023	CHITHRA P	
26.	1SG19CS024	DEEKSHITH B V	
27.	1SG19CS025	DEEKSHITH G D	
28.	1SG19CS026	DEEPAK RAJ	
29.	1SG19CS027	DEEPTHI B S	
30.	1SG19CS028	DHANYA M SHETTY	
31.	1SG19CS029	DIKSHA BHARDWAJ	
32.	1SG19CS030	ETUKULAPATI	
33.	1SG19CS031	HARSHA H J	
34.	1SG19CS032	HARSHINI GIRISH	
35.	1SG19CS033	HARSHITHA S	
36.	1SG19CS034	HARSHITHA S	
37.	1SG19CS035	HARSHITHA V	
	-	HITESH B S	

Sl.No.	USN	Name of the Student
38.	1SG19CS041	K N BHAVYA
39.	1SG19CS042	KAJAL DAHIYA
40.	1SG19CS043	KAMINENI PRAVALIKA
41	1SG19CS044	KARAN RAJ
42.	1SG19CS045	KARTHIK K
43.	1SG19CS046	KAVYA P
44.	1SG19CS047	KESHAV CHANDRA RAY
45.	1SG19CS048	KISHOR JAKKALI
46.	1SG19CS049	KOKILA N
47.	1SG19CS050	KSHITIJ KUMAR
48.	1SG19CS051	KUMAR SWAPNIL
49	1SG19CS052	LAVANYA C
50.	1SG19CS053	LIKITH GOWDA A P
51.	1SG19CS054	LIKITH KRISHNA S G
52.	1SG19CS055	MANAS MISHRA
53.	1SG19CS056	MANASA R
54.	1SG19CS057	MANDHARA B G
55	1SG19CS058	MANJESH B N
56	1SG19CS059	MANJUNATH
57	1SG19CS060	MAYANK RAJ
58	1SG19CS061	MEGHA ARUN
59	1SG19CS062	MONISH KUMAR P
60	1SG19CS063	MONISH V
61	1SG20CS400	AMULYA S K
62	1SG20CS401D	ANNAPURNA KINI
63	1SG20CS402	ANUSHA M L
64	1SG20CS403	BHARATH G
65	1SG20CS404	CHETHAN K M
66	1SG20CS405	GOWTHAM C B





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Academic Year: 2022- 2023

#### Semester: 8th 'B'

Sl. No.	USN	Name of the Student	
1.	1SG18CS071	PRAJWAL P	
2.	1SG18CS058	MDDE GOWDA VINAY	
3.	1SG19CS064	MUSKAN	
4.	1SG19CS065	N VENUMAADHAV	
5.	1SG19CS066	NAVDEEP TANWAR	
6.	1SG19CS068	NAYANIKA SUR	
7.	1SG19CS069	NEETU VIJAYANANDA	
8.	1SG19CS070	NIDHI N SATTIGERI	
9.	1SG19CS071	NISARGA R K	
10.	1SG19CS072	PADMINI SHARMA	
11.	1SG19CS073	POOJA N M	
12.	1SG19CS074	РООЛТНА G	
13.	1SG19CS075	PRABHAKAR	
14.	1SG19CS076	PRAMOD	
15.	1SG19CS077	PRANEET V K	
16.	1SG19CS078	PRANSHU PRIYAM	
17.	1SG19CS079	PRASHANTH GOWDA N	
18.	1SG19CS080	PRIYESH RAJ	
19.	1SG19CS081	RAHUL KUMAR	
20.	1SG19CS082	RAJAT YADAV	
21.	1SG19CS083	RAKSHITH BS	
22.	1SG19CS084	RAKSHITH K	
23.	1SG19CS085	RITHVIK PRASHANTH	
24.	1SG19CS086	ROHITH S	
25.	1SG19CS087	SAHANA GAJANAN	
26.	1SG19CS088	SAHITYA MODI	
27.	1SG19CS089	SAMBRAM SHETTY	
28.	1SG19CS090	SANCHANA HT	
29.	1SG19CS091	SANCHITHA K	
30.	1SG19CS092	SANDHYA S	
31.	1SG19CS093	SANJANA PATIL	
32.	1SG19CS094	SANTHOSH K	
33.	1SG19CS095	SHEJAL SINGH	
34.	1SG19CS096	SHEKHAR	
35.	1SG19CS097	SHIV PRASAD	
36.	1SG19CS098	SHIVANI KUMARI	
37.	1SG19CS099	SHOURYA RANJAN	
38.	1SG19CS100	SHREYASI PATRA	

Sl.No.	USN	Name of the Student SHUBHAM RAJ			
39.	1SG19CS101				
40.	1SG19CS102	SMITHA B			
41.	1SG19CS103	SNEHA N			
42.	1SG19CS104	SOUMYA			
43.	1SG19CS105	SRIRAM MISHRA H K			
44.	1SG19CS106	SRISHANAG C S			
45.	1SG19CS107	SRISHTI SUMAN			
46.	1SG19CS108	SRUSHTI K S			
47.	1SG19CS109	SUBHANSHU JHA			
48.	1SG19CS110	SUNIL A			
49.	1SG19CS120	VIDHYA KRISHNA VIDYASHREE S			
50.	1SG19CS121				
51.	1SG19CS122	VINUTHA D S			
52.	1SG19CS123	VISHAL R YASHASWINI N			
53.	1SG19CS124				
54.	1SG19CS125	YASHRAJ GUPTA			
55.	1SG19CS126	SAJAD AHMAD			
56.	1SG20CS406	HARSHITHA M H			
57.	1SG20CS407	LOHITH K			
58.	1SG20CS408	NANDINI N			
59.	1SG20CS409	PRASHANTH B S			
60.	1SG20CS410	PREETHAM P			
61.	1SG20CS411	SUCHITH K			

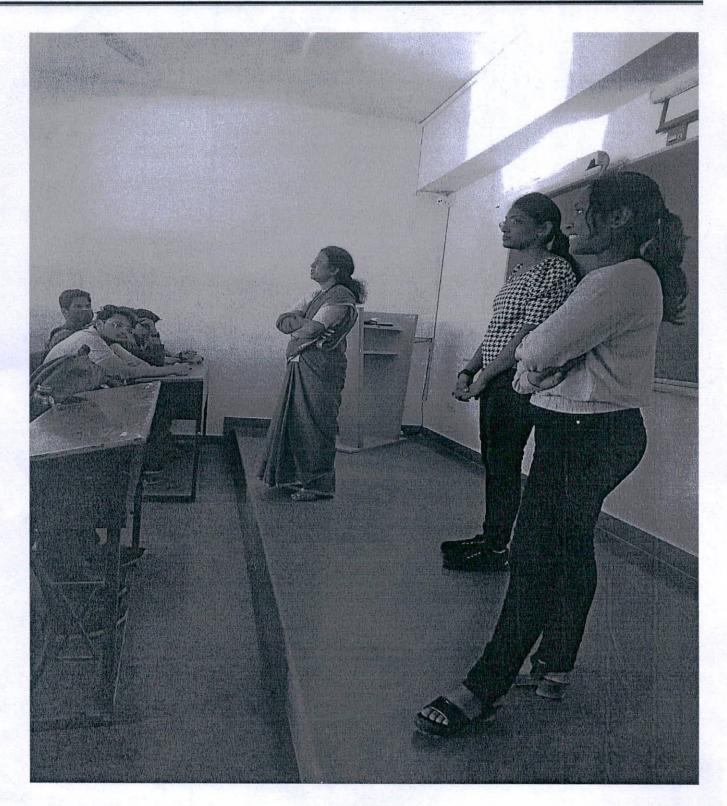
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## **Department of Computer Science & Engineering**

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Academic Year: 2022-2023

#### Participants List: Semester: III SEM 'A'

SI.	USN	Name of the			
1.	1SG21CS001	ABHAY SURYA I			
2.	1SG21CS002	ADARSH M			
3.	1SG21CS003	ADITI ROY			
4.	1SG21CS004	AISHWARYA			
5.	1SG21CS005	AISHWARYA L			
6.	1SG21CS006	ANINDITA GOSWAMI			
7.	1SG21CS007	ANTARIKSHA RAMAN			
8.	1SG21CS008	ARYAN ROHAN			
9.	1SG21CS009	ARYAN VAIDYA			
10.	1SG21CS010	ASHIQ KUMAR H			
11.	1SG21CS011	AVINASH KUMAR			
12.	1SG21CS012	AYUSHI GUPTA			
13.	1SG21CS013	BHARATHI GP			
14.	1SG21CS014	BHARGAV G B			
15.	1SG21CS015	BIRAJDAR PRAJWAL			
16.	1SG21CS016	BRUNDA HC			
17.	1SG21CS017	CHANDRIKA N			
18.	1SG21CS018	DARSHAN GOWDA V			
19.	1SG21CS019	DEEKSHA R			
20.	1SG21CS020	DEEKSHITH H Y			
21.	1SG21CS021	DHANUSH			
22.	1SG21CS022	DHRUTHI G RAO			
23.	1SG21CS023	DIVYASHREE B			
24.	1SG21CS024	G V ABHISHEK JAI HARIN			
25.	1SG21CS025	GANESH PRASAD U			
26.	1SG21CS026	HADAPADA RADHIKA			
27.	1SG21CS027	HARSH RAJ			
28.	1SG21CS028	HARSHA V			
29.	1SG21CS029	HARSHALA DOLLY L			
30.	1SG21CS030	HARSHITHA M			
31.	1SG21CS031	HEMANTH			
32.	1SG21CS032	HEMANTH R			
33.	1SG21CS033	HEMASHREE G			
34.	1SG21CS034	JANAVI R N			
35.	1SG21CS035	JEEVAN H			
36.	1SG21CS036	KAVYA N V			
37.	1SG21CS037	KEERTHANA A			

SI. No.	USN	Name of the Student KUMAR ADITYA				
38.	1SG21CS040					
39.	1SG21CS041	KUSHAL D				
40.	1SG21CS042	KUSHAL KUMAR G				
41.	1SG21CS043	KUSUMA B				
42.	1SG21CS044	KUSUMA H R				
43.	1SG21CS045	LIKHITHA P				
44.	1SG21CS046	LIKITHA G				
45.	1SG21CS047	MAHESH A R				
46.	1SG21CS048	MANOJ KUMAR N				
47.	1SG21CS049	MARIYA SHARLI P				
48.	1SG21CS050	MEGHANA H				
49.	1SG21CS051	MEGHANATHA R				
50.	1SG21CS052	MOHAN KUMAR H R MOHITH K				
51.	1SG21CS053					
52. 1SG21CS05		MONI SHREE M				
53.	1SG21CS055	MOULYASN				
54.	1SG21CS056	NAGABHUSHAN B				
55.	1SG21CS057	NETHRA M C				
56.	1SG21CS058	NIDHI A M				
57.	1SG21CS059	NIKITHA A				
58.	1SG21CS060	P P AVINASH				
59.	1SG21CS061	PANKAJA S				
60.	1SG21CS062	PARINITH GOWDA				
61.	1SG21CS065	PRATIKSHA AMBESANGE				
62.	1SG21CS038	KEERTHANA H				
63.	1SG21CS039	KHUSHI L				

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il. No.	USN	Name of the Student	SI. No.	USN	Name of the Student	
1.	1SG21CS063	POORNIMA B	37.	1SG21CS100	SHWETHA K	
2.	1SG21CS064	PRAJWAL GOWDA	38.	1SG21CS102	SINCHANA NAGESH	
3.	1SG21CS066	PRAVEEN	39.	1SG21CS103	SNEHA SAMANVITHA	
4.	1SG21CS067	PRINCY DEY	40.	1SG21CS104	SNEHA VINOD AGARWAL	
5.	1SG21CS068	RADHA PRAKASH NAIR	41.	1SG21CS105	SOURABH SHOKRAJ	
6.	1SG21CS069	RAJASHREE C	42.	1SG21CS106	SOWMESH S	
7.	1SG21CS070	RAJEEV KUMAR	43.	1SG21CS107	SPOORTHI B P	
8.	1SG21CS071	RAJESH JANA	44.	1SG21CS108	SUHAS R	
9.	1SG21CS072	RAKSHITHA C	45.	1SG21CS109	SUPRIYA SHRIKANTH	
10.	1SG21CS073	RAVI B TUBAKI	46.	1SG21CS110	SYEDA ZYNAB	
11.	1SG21CS074	REVATHI D	47.	1SG21CS111	TASVI V SHETTY	
12.	1SG21CS075	RISHAV RAJ	48.	1SG21CS112	TEJAS A M	
13.	1SG21CS076	RISHU KUMAR SUREKA	49.	1SG21CS112	TEJASWINI M	
14.	1SG21CS077	ROHIT KUMAR	50.	****		
15.	1SG21CS078	RUCHITHA N	51.	1SG21CS114	THANUSHREE H M	
16.	1SG21CS079	RUDRANSH BHARDWAJ	52.	1SG21CS115	THOMS JACOB T	
17.	1SG21CS080	S LIKHITH		1SG21CS116	UDAYA SHANKAR L	
18.	1SG21CS081	SAHANA S	53.	1SG21CS117	VARSHINI	
19.	1SG21CS082	SAKSHI VERMA	54.	1SG21CS118	VARUN N	
20.	1SG21CS083	SAMEER AHAMED S	55.	1SG21CS119	VARUN P	
21.	1SG21CS084	SANDESH G C	56.	1SG21CS120	VASANTH G	
22.	1SG21CS085	SANGEETHA M	57.	1SG21CS121	VIBHA VASU N B	
23.	1SG21CS086	SANIHA S HAVANUR	58.	1SG21CS122	VIKASH KUMAR GUPTA	
24.	1SG21CS087	SANJANAA B A	59.	1SG21CS123	YASHASWINI T	
25.	1SG21CS088	SHARAN TEJA KG	60.	1SG21CS124	YASHWANTH KUMAR T S	
26.	1SG21CS089	SHARIKA M	61.	1SG21CS125	ZAIN HABIB	
27.	1SG21CS090	SHASHANK U	62.	СОВ	SPANDANA H S	
28.	1SG21CS091	SHASHI M N				
29.	1SG21CS092	SHASHI VARDHAN				
30.	1SG21CS093	SHEETHAL S				
31.	1SG21CS094	SHILPA C R			0	
32.	1SG21CS095	SHILPA M				
33.	1SG21CS096	SHREYA P			4	
34.	1SG21CS097	SHRINIDHI S		-		
35.	1SG21CS098	SHUBHAM SINGH	Sasthagiri Collége of Éngineering 14/8, Chikkasandra, Hesaraghatta Main Road Bengaluru - 560 067			
36.	1SG21CS099	SHWETA N G	Bengelur, Hesaraghan Sineering			



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Academic Year: 2022- 2023

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	2	3	5		2	2	2

\*Type of activity:

Workshop/seminar/conference/hackathon/hobby project/mini project/**Invited Talk**/Guest Lecture/ Skill enhancement program/Cultural activity/competitions etc.,

Coordinator: Prof. Roopa Banakar

Signature of the HOD Dr. Kamalakshi Naganna

Date of Submission: 28-02-2023

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



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**Department of Computer Science & Engineering** 

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Academic Year: 2022- 2023

*Type of event/activity	Alumni Talk
Name/Title of the Activity/Event	Talk on facing company interviews
Date of Organization	25 <sup>th</sup> February 2023
Venue (with address)	Room no. 114, Dept. of CSE
Organized by (Resource Person)	Department of Computer Science and Engineering. Resource Persons: Revathi D and Anusha D B
Objectives of the event/activity	To give exposure on facing technical round and company interviews.
Participants (Please attach list of participants, if it is organized/conducted in the dept.))	3 <sup>rd</sup> Semester CSE students
Mention organized /participated/attended	Dr. Kamalakshi Naganna, Prof. Roopa Banakar

### **Event Description:**

Alumni talk was conducted for the benefits of enhancing and improving the knowledge of students on how to prepare for the technical round and face the interview confidently with industry perspective for 3<sup>rd</sup> semester students of Department of Computer Science adEngineering, Sapthagiri College of Engineering, Bangalore on 25<sup>th</sup> February 2023. Alumni threw light on continuous assessments being taken for employees in the companies, how to keep ourselves up-to-date with the current technologies. They enlightened on how to prepare for the interview by having learnt and making the foundation strong in one of the programming languages, and having a thorough knowledge about it will help in facing the interview confidently.

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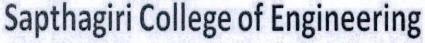
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Academic Year: 2022-2023

Brochure of Technical Talk







COUNCIL

Affiliated to VIU Belagavi, Approved by AICIE, NEW DELHI, Accredited by NBA, NAAC with 'A' Grade (ISO 9001-2005 & ISO 14001-2005 Certified Institute) 14/5, Chikkasandra, Hesarghatta Main Road, Bengahm-560057.

> DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING (Accredited by NBA)

> > Alumni Talk on

"Company Interview Preparation"

ON SATURDAY 25 FEB 2023





Revathi D Cloud Developer, CRMI

Sri.G. Dayanand

Chairman, SCE

Staff Co-ordinator

Prof. Roopa Banakar

Assistant Professor, CS&E

Anusha D B Automation Tester, Sasken Technologies Ltd.

D 10:00 AM- 11:00 AM

Chief Patrons: Sri. G. D. Manoj Managing Director, SCE

Dr. H Ramakrishna PRINCIPAL Convener

Dr. Kamalakshi Naganna

of & Head, Cl

Principal

Sapthagiri College of Engineering 14/5, Chikkesandra, Hesareghatta Main Road Bengsluru - 550 057



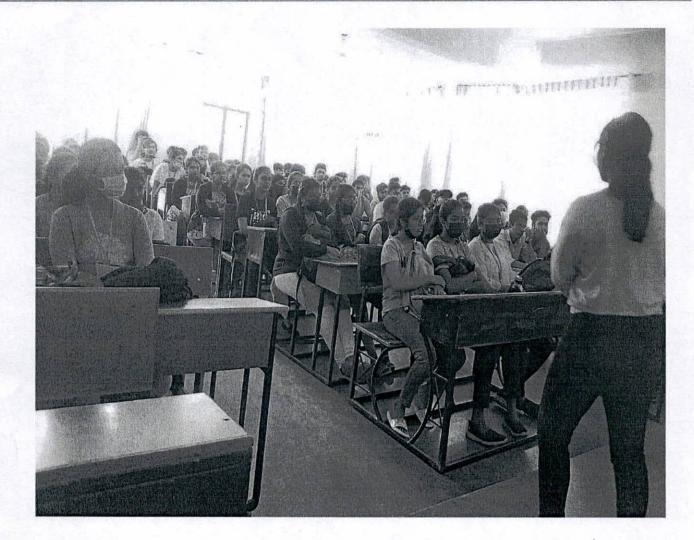
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Academic Year: 2022- 2023





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**Department of Computer Science & Engineering** 

Accredited by NBA

Academic Year: 2022- 2023

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*Type of event/activity	Internship training activity
Name/Title of the Activity/Event	Technical talk
Date of Organization	16/02/2023
Venue (with address)	Department of Computer Science and Engineering
Organized by (Resource Person)	Mrs, Ranjana Chakrasali, Alniteck Solution Pvt limited
Objectives of the event/activity	To educate the 3 <sup>rd</sup> sem students regarding EON X R tool
Participants (Please attach list of participants, if it is organized/conducted in The dept.))	3rd Semester Students
Mention organized /participated/attended	Prof .Hemalatha H K, Prof. Kruthi T C ,Prof. Vanitha G P (Faculty Coordinators)

### **Event Description:**

The technical talk was organized by Department of CSE for 3<sup>rd</sup> semester students of Sapthagiri College of Engineering, Bangalore on 16<sup>th</sup> of February. In this program the guest, has given the valuable information regarding the Sigma and EON X R tool.

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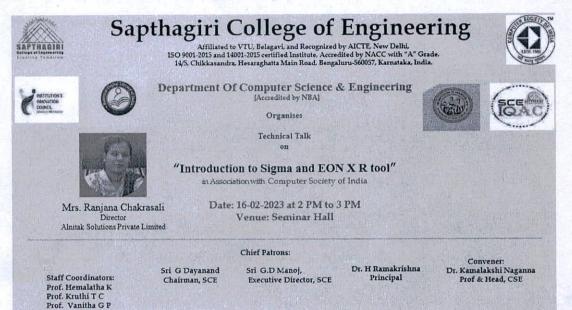
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Program photos:





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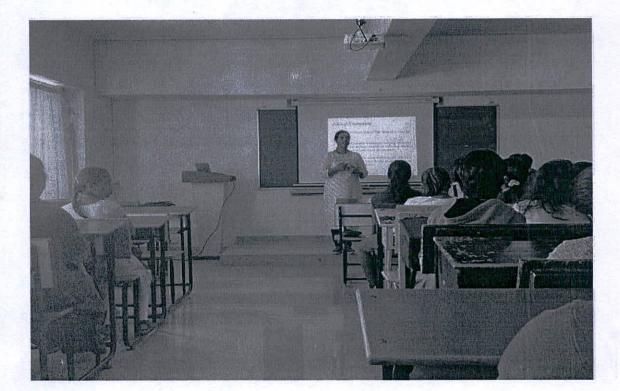


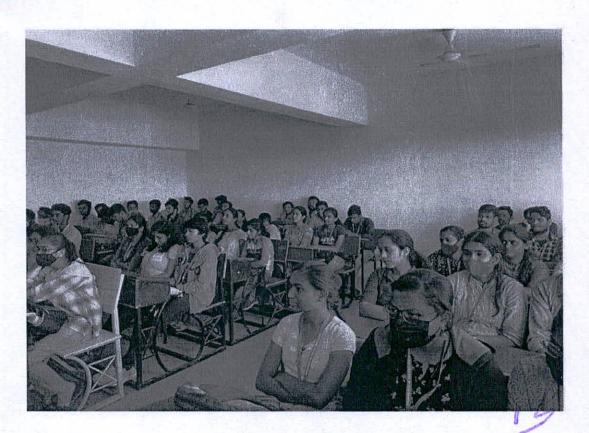
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# **Department of Computer Science & Engineering**

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Academic Year: 2022-2023

### Participants List: Semester: III SEM 'A'

SI.	USN	Name of the	SI.	USN	Name of the Student
1.	1SG21CS001	ABHAY SURYA I	No.		
2.	1SG21CS002	ADARSH M	38. 39.	1SG21CS040 1SG21CS041	KUMAR ADITYA KUSHAL D
3.	1SG21CS003	ADITI ROY	40.	1SG21CS041	KUSHAL KUMAR G
4.	1SG21CS004	AISHWARYA	41.	1SG21CS043	KUSUMA B
5.	1SG21CS005	AISHWARYA L	42.	1SG21CS044	KUSUMA H R
6.	1SG21CS006	ANINDITA GOSWAMI	43.	1SG21CS045	LIKHITHA P
7.	1SG21CS007	ANTARIKSHA RAMAN	44.	1SG21CS046	LIKITHA G
8.	1SG21CS007	ARYAN ROHAN	45.	1SG21CS047	MAHESH A R
-			46.	1SG21CS048	MANOJ KUMAR N
9.	1SG21CS009	ARYAN VAIDYA	47.	1SG21CS049 1SG21CS050	MARIYA SHARLI P MEGHANA H
10.	1SG21CS010	ASHIQ KUMAR H	48.	1SG21CS050 1SG21CS051	MEGHANATHA R
11.	1SG21CS011	AVINASH KUMAR	50.	1SG21CS052	MOHAN KUMAR H R
12.	1SG21CS012	AYUSHI GUPTA	51.	1SG21CS053	MOHITH K
13.	1SG21CS013	BHARATHI GP	52.	1SG21CS054	MONI SHREE M
14.	1SG21CS014	BHARGAV G B	53.	1SG21CS055	MOULYA S N
15.	1SG21CS015	BIRAJDAR PRAJWAL	54.	1SG21CS056	NAGABHUSHAN B
16	1SG21CS016	BRUNDA HC	55.	1SG21CS057 1SG21CS058	NETHRA M C NIDHI A M
17	1SG21CS017	CHANDRIKA N	50.	1SG21CS058	NIKITHA A
18		DARSHAN GOWDA V	58.	1SG21CS060	P P AVINASH
19		DEEKSHA R	59.	1SG21CS061	PANKAJA S
20			60.	1SG21CS062	PARINITH GOWDA G
-		DEEKSHITH H Y	61.	1SG21CS065	PRATIKSHA
21		DHANUSH		1000100000	AMBESANGE
22		DHRUTHI G RAO	62.	1SG21CS038	KEERTHANA H
23	1SG21CS023	DIVYASHREE B	63.	1SG21CS039	KHUSHI L
24	1SG21CS024	G V ABHISHEK JAI HARIN			
25	1SG21CS025	GANESH PRASAD U	1.1		
26	1SG21CS026	HADAPADA RADHIKA			
27	1SG21CS027	HARSH RAJ			
28		HARSHA V			
29	1SG21CS029	HARSHALA DOLLY L			1016
30	1SG21CS030	HARSHITHA M			
31	1SG21CS031	HEMANTH			Principal
32	1SG21CS032	HEMANTH R			Sapthagirl College of Engineerin
33	1SG21CS033	HEMASHREE G			14/5, Chikkasandra, Hesaraghatta Main Roa Bengaluru - 560 057
34		JANAVI R N	La desta		
35		JEEVAN H			
36		KAVYA N V			
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**Department of Computer Science & Engineering** 

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Academic Year: 2022-2023

### Semester: III SEM 'B'

SI. No.	USN	Name of the Student
1.	1SG21CS063	POORNIMA B
2.	1SG21CS064	PRAJWAL GOWDA
3.	1SG21CS066	PRAVEEN
4.	1SG21CS067	PRINCY DEY
5.	1SG21CS068	RADHA PRAKASH NAIR
6.	1SG21CS069	RAJASHREE C
7.	1SG21CS070	RAJEEV KUMAR
8.	1SG21CS071	RAJESH JANA
9.	1SG21CS072	RAKSHITHA C
10.	1SG21CS073	RAVI B TUBAKI
11.	1SG21CS074	REVATHI D
12.	1SG21CS075	RISHAV RAJ
13.	1SG21CS076	RISHU KUMAR SUREKA
14.	1SG21CS077	ROHIT KUMAR
15.	1SG21CS078	RUCHITHA N
16.	1SG21CS079	RUDRANSH BHARDWAJ
17.	1SG21CS080	S LIKHITH
18.	1SG21CS081	SAHANA S
19.	1SG21CS082	SAKSHI VERMA
20.	1SG21CS083	SAMEER AHAMED S
21.	1SG21CS084	SANDESH G C
22.	1SG21CS085	SANGEETHA M
23.	1SG21CS086	SANIHA S HAVANUR
24.	1SG21CS087	SANJANAA B A
25.	1SG21CS088	SHARAN TEJA KG
26.	1SG21CS089	SHARIKA M
27.	1SG21CS090	SHASHANK U
28.	1SG21CS091	SHASHI M N
29.	1SG21CS092	SHASHI VARDHAN
30.	1SG21CS093	SHEETHAL S
31.	1SG21CS094	SHILPA C R
32.	1SG21CS095	SHILPA M
33.	1SG21CS096	SHREYA P
34.	1SG21CS097	SHRINIDHI S
35.	1SG21CS098	SHUBHAM SINGH
36.	1SG21CS099	SHWETA N G

SI.	USN	Name of the Student
No.		
37.	1SG21CS100	SHWETHA K
38.	1SG21CS102	SINCHANA NAGESH
39.	1SG21CS103	SNEHA SAMANVITHA
40.	1SG21CS104	SNEHA VINOD AGARWAL
41.	1SG21CS105	SOURABH SHOKRAJ
42.	1SG21CS106	SOWMESH S
43.	1SG21CS107	SPOORTHI B P
44.	1SG21CS108	SUHAS R
45.	1SG21CS109	SUPRIYA SHRIKANTH
46.	1SG21CS110	SYEDA ZYNAB
47.	1SG21CS111	TASVI V SHETTY
48.	1SG21CS112	TEJAS A M
49.	1SG21CS113	TEJASWINI M
50.	1SG21CS114	THANUSHREE H M
51.	1SG21CS115	THOMS JACOB T
52.	1SG21CS116	UDAYA SHANKAR L
53.	1SG21CS117	VARSHINI
54.	1SG21CS118	VARUN N
55.	1SG21CS119	VARUN P
56.	1SG21CS120	VASANTH G
57.	1SG21CS121	VIBHA VASU N B
58.	1SG21CS122	VIKASH KUMAR GUPTA
59.	1SG21CS123	YASHASWINI T
60.	1SG21CS124	YASHWANTH KUMAR T S
61.	1SG21CS125	ZAIN HABIB
62.	СОВ	SPANDANA H S

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**Department of Computer Science & Engineering** 

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Academic Year: 2022- 2023

(i) At the end map PO's (with3/2/1):

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
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\*Type of activity:

Internship training activity

Coordinator:

Prof. Kruthi T C Prof. Hemalatha Prof. Vanitha G p

Date of Submission: 20/02/2023

Signature of the HOD Dr. Kamalakshi Naganna

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# **Department of Computer Science & Engineering**

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Academic Year: 2022- 2023

*Type of event/activity	Infosys Campus Connect Briefing Session
Name/Title of the Activity/Event	Infosys Campus Connect Briefing Session
Date of Organization	19 <sup>th</sup> JANUARY 2023
Venue (with address)	Seminar Hall, Library Block Bangalore
Organized by (Resource Person)	Infosys ,Mrs.Pruthvi Adishesha
Objectives of the event/activity	To enhance the knowledge of students on real world scenario and get practical exposure on various subjects.
Participants (Please attach list of participants, if it is organized/conducted in the dept.))	3 <sup>rd</sup> and 5 <sup>th</sup> Semester CSE students.
Mention organized /participated/attended	Dr. Kamalakshi Naganna, Prof. Poornima G J, Prof. Roopa Banakar

### **Event Description:**

nfosys Campus Connect Briefing Session was organized for the benefits of enhancing and improving the knowledge of students on various Online Certification Courses with industry perspective for the 3<sup>RD</sup> and 5<sup>th</sup> Semester Students of Department of Computer Science and Engineering, Sapthagiri College of Engineering, Bangalore on 19<sup>th</sup> January 2023. The resource person Mrs. Pruthvi Adishesha took over the session and briefed about the Springboard details. Also encouraged students to attend more such kind of events. Students were advised to take more such certification courses in future which would build their technical skills. Students were interacting throughout the session as it was more Interesting. The resource person offered a small quiz round for the students, which made the session more interesting.

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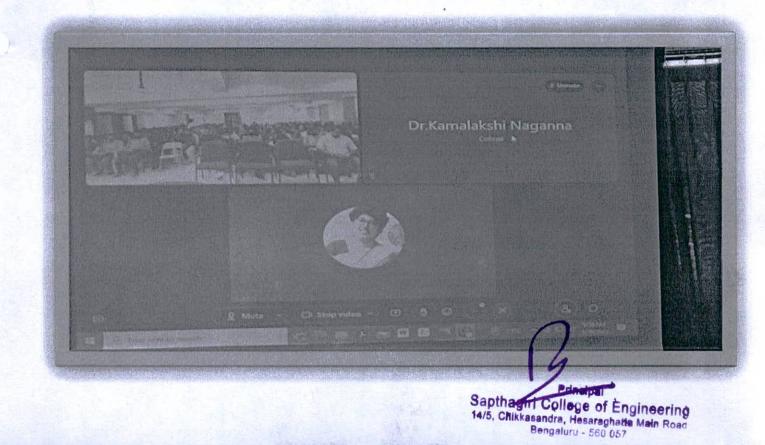


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Department of Computer Science & Engineering (NBA Accredited) Academic Year (ODD) 2022- 2023

# Images:







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**Department of Computer Science & Engineering** 

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Academic Year: 2022-2023



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**Department of Computer Science & Engineering** 

(NBA Accredited) Academic Year (ODD) 2022- 2023

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### \*Type of activity:

Workshop/seminar/conference/hackathon/hobby project/mini project/ Invited Talk/GuestLecture/ Skill enhancement program/Cultural activity/competitions etc.,

### **Coordinator:**

Signature of the HOD

Dr. Kamalakshi Naganna

Prof. Poornima G J Prof. Roopa Banakar

Date of Submission: 7-2-2023

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### Department of Computer Science & EngineeringAccredited by NBA Academic Year: 2022-2023

Type of event/activity	Technical Talk
Name/Title of the Activity/Event	5G TECHNOLOGY
Date of Organization	6 <sup>th</sup> January 2023
Venue (with address)	Seminar hall
Organized by (Resource Person)	Department of Computer Science and Engineering.Resource Person: <b>Mr. Rathnakar Kayyar</b>
Objectives of the event/activity	To enhance the knowledge on 5G TECHNOLOGY
Participants (Please attach list of participants, if it is organized/conducted in the dept.))	CSE students
Mention organized /participated/attended	Prof. Divyamani M K/Prof. Sheela Rani C M

### **Event Description:**

Technical talk was conducted for the benefits of enhancing and improving the knowledge of 5G TECHNOLOGY with industry perspective for all the Students of Department of Computer Science and Engineering, Sapthagiri College of Engineering, Bangalore on 6th January 2023. The following topics were discussed in the sessions:-About 5G Sidelink is a core topology of the 5G system design that enables direct communication between two devices without the participation of a base station in the transmission and reception of data traffic. Major classes of 5G IoT. Ubiquitous wireless intelligence- As one of the typical networking paradigms for Internet of Things, the Internet of Vehicles (IoV) enables seamless information dissemination and task processing among vehicles equipped with onboard sensing, communication. computing, and storage capabilities. With the development of advanced artificial intelligence (AI) techniques, it is envisioned to realize the ubiquitous intelligence for IoV. Different network entities including connected vehicles, wireless base stations, edge/cloud servers, aerial/space-assisted devices (e.g. drones, satellites), are expected to efficiently interact to perceive, reason, and make intelligent decisions based on context awareness for improving the networking and computing effectiveness. Highly responsive task computing, adaptive networking, and efficient resource control are imperative for the implementation of intelligent, safe, and ubiquitous IoV to satisfy increasingly differentiated vehicular application requirements

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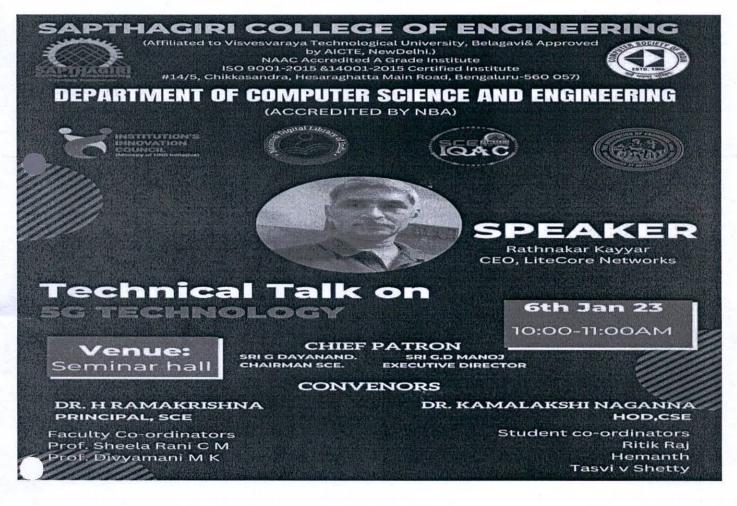
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# Department of Computer Science & Engineering

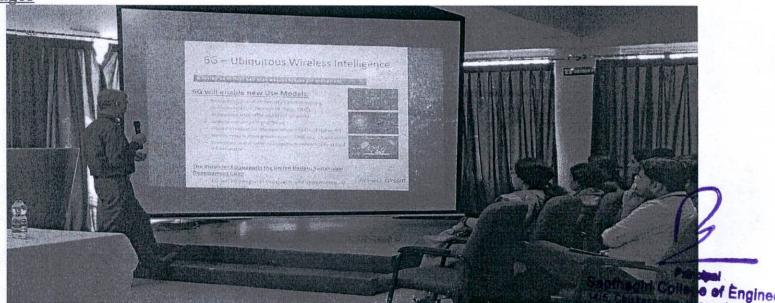
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Academic Year: 2022-2023

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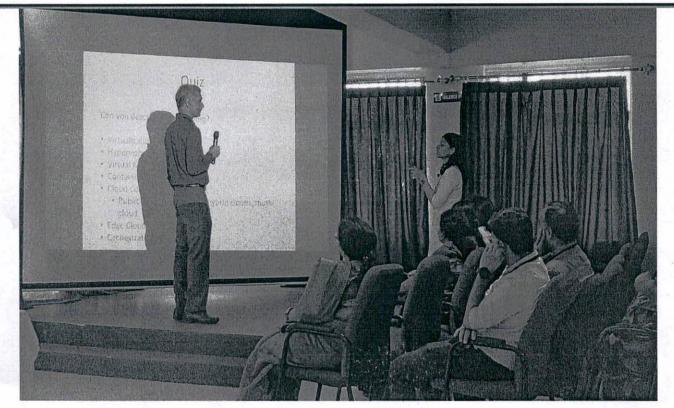
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# Department of Computer Science & Engineering Accredited by NBA

Academic Year: 2022-2023





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**Department of Computer Science & Engineering** 

Accredited by NBA

Academic Year: 2022-2023

### **Participants List**

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**Department of Computer Science & Engineering** 

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Academic Year: 2022-2023

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\*Type of activity:

Workshop/seminar/conference/hackathon/hobby project/mini project/ Invited Talk/GuestLecture/ Skill enhancement program/Cultural activity/competitions etc.,

**Coordinators:** 

Prof. Divyamani M K

Prof. Sheela Rani C M

Date of Submission: 23-01-2023

Signature of the HOD

[Dr. Kamalakshi Naganna]

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### **Department of Computer Science & Engineering**

### Accredited by NBA

Academic Year: 2022-23

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*Type of event/activity	Hackathon					
Name/Title of the Activity/Event	Hackathon					
Date of Organization	02 December 2022					
Venue (with address)	Seminar Hall,Civil Block,SCE					
Organized by (Resource Person)	Department of Computer Science and Engineering. Resource Person: <b>Dr.Vimuktha E Salis.</b>					
Objectives of the event/activity	To formulate solutions on the given problem statement in various domains					
Participants (Please attach list of participants, if it is organized/conducted in the dept.))	3 <sup>rd</sup> ,5 <sup>th</sup> &7 <sup>th</sup> Semester students of all Branches.					
Mention organized /participated/attended	Dr.Lavanya N L,Prof.Hemalatha K,Prof Kruthi TC & Prof.Vanitha G.P.					

#### **Event Description:**

The inauguration of HACKATHON was held on 2<sup>nd</sup> December 2022 at 10:30 a.m. in the seminar hall.

The chief guest of the day, **DR.H. RamaKrishna**, Principal,SCE,& **Dr.Vimukta Salis**, Associate Professor of Global college of Engineering arrived and were received by the head of the department.

The inaugural ceremony was then declared open with the lighting of the lamp done by the Chief Guests of the day.

**Dr. Kamalakshi Naganna, HOD of CSE,** formally welcomed all the dignitaries present on the dais and participants from various departments, colleagues & students. She mentioned about the significance of "Hackathon".

Dr.H Ramakrishna then gave his speech and encouraged the students with his warm and motivating words.

Dr. Vimuktha Salis, she motivated everyone to actively participate in the" Hackathon" to get benefited.

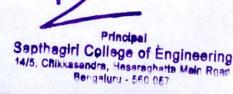
Program was hosted by 7th sem student Sneha

and have be also here here here the second second and

In the end, Sanjana Patil of 7<sup>th</sup> Sem offered a vote of thanks to all invited guests and participants for gracing the occasion by their solemn presence.

### About hackathon:

Hackathon is an event where group of students engaged in rapid and collaborative engineering over short period of time, to come up with solutions for the given problems in various domains.





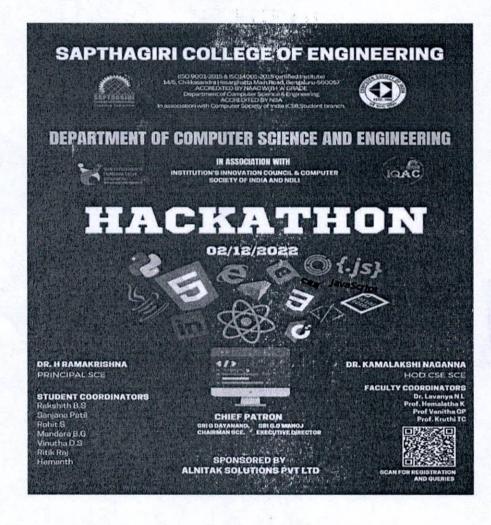
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Department of Computer Science & Engineering

Accredited by NBA

Academic Year: 2022-23

# Brochure



Principal Sapthagiri College of Engineering 14/5, Chikkasandre, Hesaraghetta Main Roac Bengaluru - 560 057



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

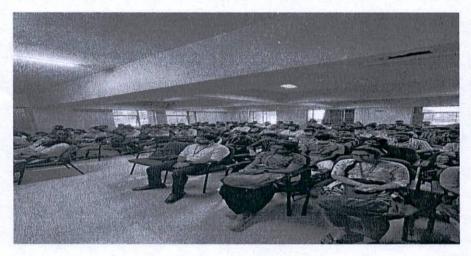
Department of Computer Science & Engineering

# Accredited by NBA

Academic Year: 2022-23

Images







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

**Department of Computer Science & Engineering** 

# Accredited by NBA

Academic Year: 2022-23







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**Department of Computer Science & Engineering** 

Accredited by NBA

Academic Year: 2022-23

### Note:

(i)At the end map PO's (with 3/2/1):

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### \*Type of activity:

Workshop/seminar/conference/hackathon/hobby project/ / Invited Talk/GuestLecture/ Skill enhancement program/Cultural activity/competitions etc.,

### Coordinators: Dr. Lavanya N L,

Prof.Hemalatha K, Prof Kruthi TC & Prof.Vanitha G.P.

Signature of the HOD

[Dr. Kamalakshi Naganna]

Date of Submission:08/12/2022

Principal Septhagiri College of Engineering 14/5, Chikkasandra, Heserachetta Main Rose Bengaluru - 560 057

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

Department of Electronics and CommunicationAccredited by NBA Academic Year: 2022- 2023

# ECE\_ACTIVITY \_REPORT \_MARCH (22-23)

cipal Sapthagiri College of Engineering 14/5. Chikkasandra, Hasaraghatta Main Rose Bencaluru - 580 057



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Department of Electronics and CommunicationAccredited by NBA Academic Year: 2022- 2023

*Type of event/activity	Industrial Visit
Name/Title of the Activity/Event	ISRO UPSC Industrial visit
Date of Organization	16 <sup>th</sup> March ,2023
Venue (with address)	OLD airport road ,Bangalore
Organized by	Department of Electronics and Communication Engineering.
Objectives of the event/activity	The objective of the visit was to provide a Technical Exposure to the students about Space Technology and advancements in Technology
Participants	3 <sup>rd</sup> Semester E C E students
Mention organized /participated/attended	Prof. Ravishankar M.N, Prof. Agalya P

### **Event Description:**

A one day Industrial visit to Indian space Research Organization (ISRO), Bangalore was organized by the Department of Electronics and Communication Engineering on 16<sup>th</sup> March 2023 with the lead role taken up by our beloved Head of the department Dr. Sateesh Kumar to organizing the visit. It was a half day visit comprising of 55 students from 3rd semester along with faculties Prof. Ravishankar M.N,and Prof. Agalya P. The objective of the visit was to provide a Technical Exposure to the students aboutSpace Technology and advancements in Technology. The visit not only provided a good insight into the quality of research happening in the area of space technology but also gave great exposure to the students about the future career prospects and areas of research in applied sciences. The Industrial Visit was a great benefit for the students to directly understand about the various concepts of satellite and space missions doneby ISRO.

Sapthagiri College of Engineering



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# Images:





Principal Sapthagiri College of Engineering 14/5, Chikkasandra, H



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ISRO is among the largest government space agencies in the world. Its primary objective is to "harness space technology for national development, while pursuing space science research and planetary exploration."ISRO Satellite Centre (ISAC) is the lead center of the Indian Space Research Organization (ISRO) responsible for design, development, assembly & integration of communication, navigation, remote sensing, scientific and small satellite missions.

For the benefit of students there is a space exhibition center at ISAC. We were able to see the exhibition. The exhibition included the models of the first Indian satellite Aryabhatta, APPLE, INSAT series etc. Satellites are basically of two types- Indian Remote Sensing (IRS) satellites and communication satellites.IRS-1A was the first remote sensing mission undertaken by the Indian Space Research Organization (ISRO).

### **OUTCOME OF THE VISIT:**

- It provide a Technical Exposure to the students about Space Technology and advancements in Technology.
- The visit not only provided a good insight into the quality of research happening in the area of space technology but also gave great exposure to the students about the future career prospects and areas of research in applied sciences.
- The Industrial Visit was a great benefit for the students to directly understand about the various concepts of satellite and space missions done by ISRO.

Principal Sapthagiri College of Engineering 14/5. Chikkasandra, Hesaraghatta Main Roa-Bengalum - Sen ne



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Academic Year: 2022- 2023

### Note:

(i)At the end map PO's (with 3/2/1):

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\*Type of activity:

**Industrial Visit** 

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

Signature of the HOD

[Dr.H.C Sateesh Kumar]

**Coordinators:** 

Prof .Prathibha P Prof. Vinutha C.M





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14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057, Karnataka, India. Department of Electronics and Communication Engineering Academic Year: 2022- 2023

### Report of TALK on "Cracking a top - 100 AIR at the GATE "

- The Department of Electronics & Communication Engineering in association with STUTI committee organized seminar on "<u>Cracking a top – 100 AIR at the</u> <u>GATE</u>" on 8<sup>th</sup> November, 2022 for students across various disciplinary of engineering. The students attended the talk. The talk was successfully organized and carried out by the Electronics & Communication Engineering department.
- Objective of the Seminar: The seminar gave the students information about the importance of GATE exams for higher education and also the benefits of career opportunities. This talk was given by the speaker Mr. Prateek Mishra provided information on how to prepare for the GATE exams. This seminar is very useful for students to clear the GATE exams.
- 4 The speaker provided information on benefits and career opportunities of GATE exams.
- 4 Overall the students felt that the session was informative & gain knowledge.

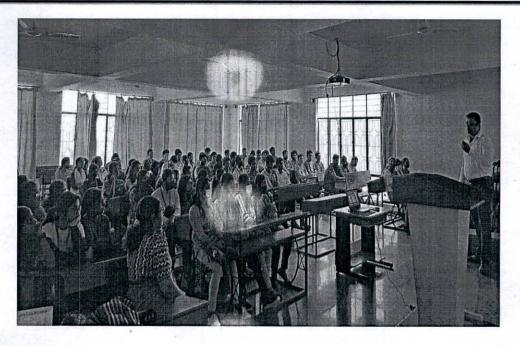
Sapthagiri College of Engineering 14/5, Chikkasandra, Hesaraghatta Main Roar



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14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057, Karnataka, India. Department of Electronics and Communication Engineering Academic Year: 2022- 2023



Live Session on GATE Exam Preparation by Mr.Prateek Mishra

Seminar Brochure

· ·	Sri Sridicava Educational and Charitable Trust*
(150 9001-2015	IAGIRI COLLEGE OF ENGINEERING Millisets IV 71/1. Iselansk: and iterationale bit ACTS. Iters Dally Ind 14001.30 IS certificit Institute. Accredited by NACE with <sup>54</sup> Grade) and rest. Tiesarghuite. Main Read, biogenature. 20037. Kerestebe, India.
DEPARTMENT OF E	LECTRONICS AND COMMUNICATION ENGINEERING
is hos	ting a talk on 8th November - 2022 at 10:30am
	On
' "Cr	acking a top – 100 AIR at the GATE"
	By
	Mr. Prateck Mishra, Inis Learning Pvt. Ltd. Songaluru.
Dr. H. C. Satoesh Kumar Prof. & Hoad, Dept. of ECR, SC	Dr. Ramakrishna H. Principal, SCK
Email: mdba	Contact Coordinator-Dr.Sudha M. S.,Prof. Prathibina P. mx <del>Q'santhualiziadir.in</del> . Mohile Number: 8296941498,9448914448 uulents Coordinators: Sahana C.,Preethan Hegde
A CONTRACTOR OF THE OWNER	

Head of the Department

Sapthagiri College of Engineering Bangalor 560 057

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#### SRI SRINIVASA EDUCATIONAL AND CHARITABLE TRUST® SAPTHAGIRI COLLEGE OF ENGINEERING (Affiliated to Visvesvaraya Technological University, Belagavi and Approved by AICTE, New Delhi) (Accredited by NAAC with "A" grade) (An ISO 9001:2015 & ISO 14001:2015 Certified) DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

### Reportontalk

Withthevisionofhelpingstudentswiththebestinclass-

education, Department of Electronics and Communication of Sapthagiri College of Engineering hosted atalkon 21/4/2023 on "Career guidance on Technical Profile Building and higher education"

The session began with the introduction of speaker by student, Swathi.P. Mr MARK BRANDON VERNUM, Bengaluruwas thespeaker of the session. The objective of this talk was to improve students skills and practical knowledge by giving examples, also said about for apportuinity for internship with stipend around Rs10,000 to 30,000 and also to work on real time project, where practical knowledge will be gained helps to improve placements.

### **Speaker Profile**

Name : MARK BRANDON VERNUM BTL Head - Imarticus Learning Strategic Partnerships Head – BYJUs Communications and Operations Specialist - JCPenney PR Advisor and Consultant - Kadence India National Awardee Musician, Social Worker Academic Researcher Voice over artist/MC for several documentaries/events and winner of several theatre accolades ,7+ years experience in sales and mentoring for Trinity College of London Academics

> Principal Sapthagiri College of Engineering 14/5, Chikkasandra, Hesaraghatta Main Road Bengaluru - 580 057



Speaker givingtheseminar



### Students attendingtheseminar

At the end of the session, he also answered the questions put up by students. The session ended with group discussion with students, ECE, SCE, Bangalore. Overall, it benefitted around 115 students of 6<sup>th</sup> semester Electronics and Communication Engineering.

**Co-ordinators** 

Prof.PrathibhaP.

Sapthagiri College of Engineering 14/5, Chikkasandra, Hesereghatta Main Road Bengaluru - 58 1 057

HOD ECE

ProfVinutha



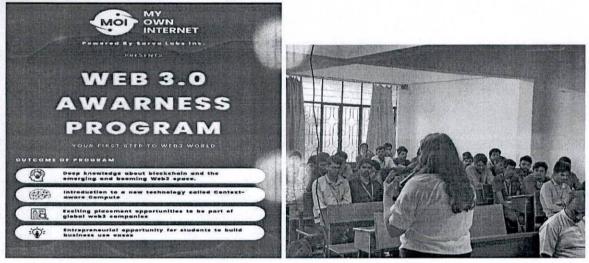
SRI SRINIVASA EDUCATIONAL AND CHARITABLE TRUST® **SAPTHAGIRI COLLEGE OF ENGINEERING** (Affiliated to Visvesvaraya Technological University, Belagavi and Approved by AICTE, New Delhi) (Accredited by NAAC with "A" grade) (An ISO 9001:2015 & ISO 14001:2015 Certified) DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

### **Report on Technical Seminar**

With the vision of helping students with the best in class-education, Department of **Electronics and Communication** of Sapthagiri College of Engineering hosted a Technical SEMINAR on 23/11/2022 and 24/11/2022 on "WEB 3.0 AWARNESS PROGRAM".

Mr. Omkar Kushal N K (Founder, CEO @ Platon Services PVT LTD) and Geetika Gahlot (WEB 3 Marketing & Community) were the speakers of the session. The objective of this seminar was to throw light on the new innovations in the field of WEB 3.0.

The session began with welcome address and the introduction of speaker by Harshan Gowda K H, student,7<sup>th</sup> sem ECE, SCE, Bangalore. The speaker gave a brief insight about the field of WEB 3.0 and how it can be related to electronic engineering to make various inventions.



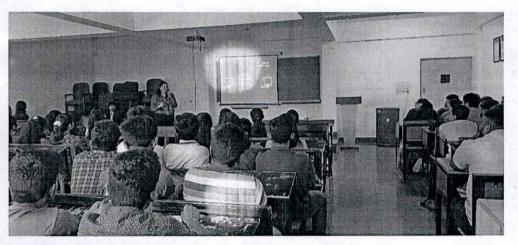
#### Brochure

Addressing the students

Initially, speaker gave the information of WEB 1.0, WEB 2.0 and MOI (My own internet). It is MOI, the primary offering of Sarva Labs, is a decentralized global web3 network that supports humanized interactions on the internet enabling true P2P value transfers and personalized digital

Sapthagiri College of Engineering 14/5, Chikkasendra, Heseraghatta Main Road Bengaluru - 560 057 interactions. MOI is built using the Interaction State Machine (ISM), a revolutionary new computational model created by Sarva Labs specifically for the web3 world. Using the ISM technology, MOI delivers a simple, secure and sustainable web3 experience for users by enabling a single web3 network capable of hosting millions of nodes to support billions of transactions with complete user privacy, ownership and control. With a practical and equitable governance model, the value generation is democratic, while offering flexibility to support the social and regulatory norms of respective environments.

At the end of the session, he also answered the questions put up by students. The session ended with vote of thanks. Overall, it benefitted around 300+ students of 3<sup>rd</sup>, 5<sup>th</sup>,7<sup>th</sup> semester Electronics and Communication Engineering students.



Speaker answering the questions put up by the students

B

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

Head of the Department Electronics & Communication Bapthagiri College of Engineering Bangalor 560 057

**Co-ordinators** Prof. Agalya P. Prof. Prathibha P.



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### DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

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Type of Event/Activity	INDUSTRIAL VISIT					
Name/Title of the Event / Activity	"INDUSTRIAL VISIT"					
Date of Conduction	24 <sup>th</sup> June 2023					
Venue (with address)	BMRCL(Baiyappanahalli Depot)					
Organized by	Department of EEE					
Objectives of the event/activity	5THsem students of EEE department					
Participants (Please attach list of participants, if it is organized/conducted in the dept.)	51					

### Inauguration of the event :

### **Event Description:**

At 09:00am left college and reached Baiyappanahalli Metro station Depot by 10.00am then we stared then we went to metro control rooms and learned how it functions and went to service station of the depot to know how the doing service

Principal Sapthagiri College of Englineerin 14/5, Chikkasaedra, Höserenents Main Ross Bengaluru - 660 057

#### Invitation and Brochure:



## ಬೆಂಗಳೂರು ಮೆಟ್ರೋ ರೈಲ್ ನಿಗಮ ನಿಯಮಿತ

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Bangalore Metro Rail Corporation Ltd. (A Joint Venture of Government of Kamataka & Government of India) Regd. Office : B.M.T.C. Complex, 3rd Floor, K.H. Road, Shanthinagar, Bangalore - 560 027, INDIA

No: BMRCL/CE(PM)/Industrial Visit/2023-24

Date.22.06.2023

Dr. H Ramakrishna Principal, Sapthagiri College of Engineering, 14/5, Chikkasandra, Hesaraghatta Main Road, Bangalore –560 057.

.Sir,

To,

Sub: Permission for Industrial Visit of BMRCL Baiyappanahalli Metro Station and Depot. Ref: College Request Letter dated: 01.06.2023.

#### \*\*\*\*\*

Adverting to your letter referred above, it is to inform that, Competent Authority has accorded permission to Industrial Visit of BMRCL Baiyappanahalli Metro Station and Depot on 24<sup>th</sup> June 2023 from 10:00 A.M for 51 students and 03 Faculty members, with following conditions.

- 1) Transportation to work site has to be made by College.
- Responsibility of Safety to the students is to be taken care by College staff accompanying the students.

#### Contact Person for the Site visit:

Mrs. Bharathi Iyer, PRO, Contact No: 9740874083.

Thanking You,

Yours faithfully,

1 22/06/2023

(1)42 (1)2000

(M. Srinivas) Chief Engineer (PM)

Copy to:

- 1. ED -(O&M) for kind information.
- 2. Mrs. Bharathi Iyer, (PRO) for kind information,

Phone : +91-(0)80-2296 9300 / 22969301, Fax : + 91-(0)80-2296 9222, E-mail : bmrol@dataone.in. Web : www.bmrc.co.in CIN No. : 1116286KA1994GOI016286

**Snapshots of the event:** 

A PROPERTY OF COMPANY

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Date of Submission:28/06/2023

Sapthagiri College of Engineering 14/5, Chikkesendra, Henero State Market Bongalant College of Signature of the event coordinator

Signature of the HOD

PROF & HOD Jepertment of Electrical & Electronics Engineering Septhagiri Collage of Engineering Bansatore - 560057



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### Monthly Event Report for the month of July 2022 DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Activity 1	
Type of Event/Activity	Mini Projects Exhibition
Name/Title of the Event / Activity	"Mini Projects Exhibition"
Date of Conduction	12 /07/2022
Venue (with address)	Room no.401, Academic block, Sapthagiri College of Engineering, Bangalore.
Organized by	Department of EEE
Objectives of the event/activity	1. Create new idea among the students on need for innovation thinking
Participants (Please attach list of participants, if it is organized/conducted in the dept.))	86 (6 <sup>th</sup> sem. EEE Students)

#### **Event Description:**

Students of 6<sup>th</sup> semester students have carried out mini project as a part of curriculum. Total no of project of 6<sup>th</sup> semester students were 24. The Mini projects were exhibited on 12-07-2022 labeled as Vidyut Spoorthy. Dr.Ramakrishnappa, Principal Sapthagiri college of engineering was guest for mini project exhibition.

Principal i Sapthagiri College of Engineering 14/5, chikkesandra, Hausragholta Main Road Bongaluru - 560 057 Invitation and Brochure:



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NBA Accredited ISO 9001:2015 and 14001:2015 certified #14/5 Chikkasandra, Hesarghatta Main Road, Bangalore-57

Accredited by NAAC with "A" GRADE

## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

## VIDHYUT SPOORTHY 2022 INI PROJECT EXIHIBITION

DATE: 12-07-22 TIME: 10:00AM **VENUE: ROOM 401** 

MINI PROJECT COORDINATORS PROF.SWETHA G DEPT OF EEE

STUDENT COORDINATOR: CLEVIN PRAJWAL D'SOUZA DHANANTAYA B N

**DR.NARAYANAPPA** STIGD MANOL DR.H.RAMAKRISHNA SRI.G DAYANAND PRINCIPAL CHAIRMAN EXECUTIVE DIRECTOR'S SCE BENGALURU GE BENGALURU SCE; BENGALURI

HOD, EEE SCE, BENGALURU

Principal Sapthagiri College of Engineering 14/5, Chikkasandra, Heseraghatta Mela Road Bengaluru - 560 057



PRINCIPAL AND HOD VISIT IN EXHIBITION



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#### Date of Submission: 04/08/2022

Principal Sapthagiri College of Engineering 14/5, Chikkasandra, Hasarashatta Main Road Bengaluru - 588 437

## Signature of the HOD

PROF & HOD spartment of Electrical & Electronics Enormalist Seothagirl College of Engineering Bangalore - 560057



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#### Monthly Event Report for the month of September2022 DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Type of Event/Activity	Cultural Event
Name/Title of the Event / Activity	"Navarathri Celebration"
Date of Conduction	28 /09/2022
Venue (with address)	Academic block
Organized by	Department of EEE
Objectives of the event/activity	(i)To know the talent of students in the cultural activities and also to make them to work in the team.
Participants (Please attach list of participants, if it is organized/conducted in the dept.))	96(7 <sup>th</sup> sem. EEE Students)

#### **Event Description:**

Event has started with the decoration of Saraswathi idol followed by that students have made rangoli. Students are performed cultural activities. The platform has provided for encouraging their team works.

Principal Sapthagiri College of Engineering 14/5, Chikkas andra, Heepreghatta Main Road Bengaturi - 580 057

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#### **Invitation and Brochure**

SAPTHAGIRI COLLEGE OF ENGINEERING DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING AND BASIC SCIENCE

## WÉLCOMES YOU TO MAA CHANDRAGHANTA POOJA

Pindajpravararoodha chandkopaastrakairyuta | Prasaadam tanute mahyam chandraghanteti vishruta ||



Date: 28 September 2022 Time: 10:30 am onwards Venue: Academic Block

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

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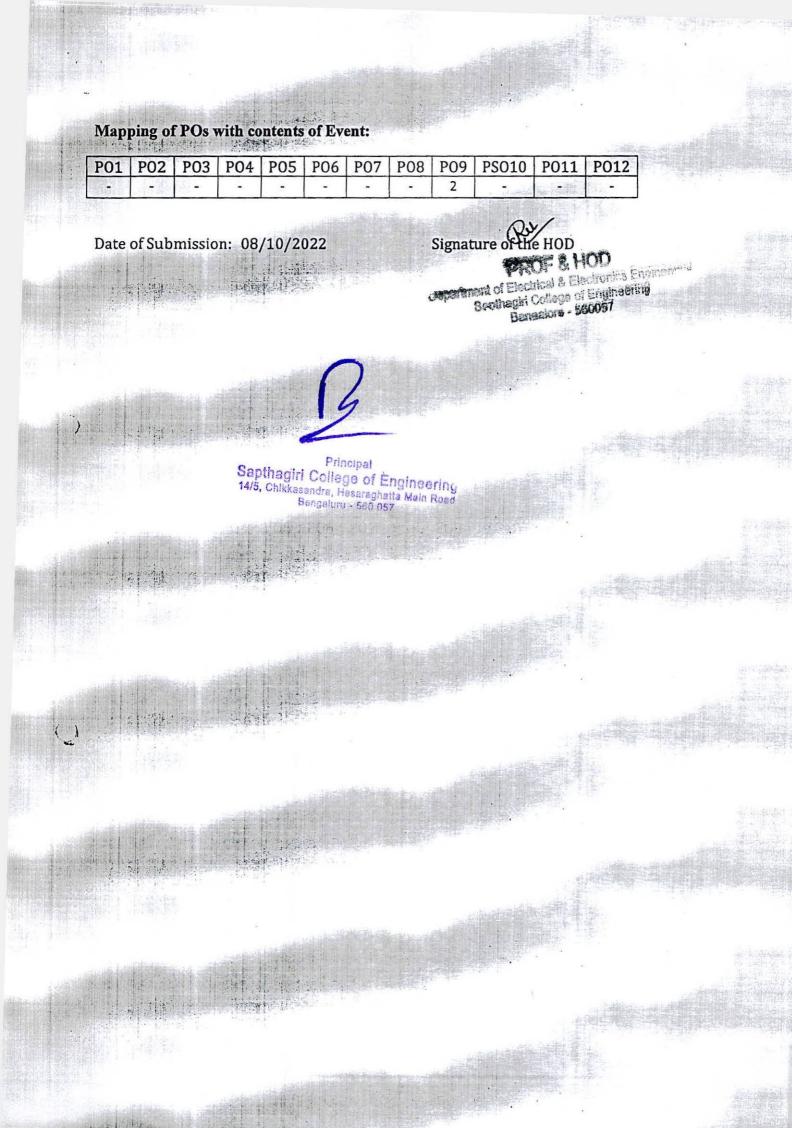
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> ಪಿಂಡಜಪ್ರವರರೂಢಾ ಚಂಡಕೋಪಾಸ್ತ್ರಕೈರ್ಯುತ । ಪ್ರಸಾದಂ ತನುತೇ ಮಕ್ಯಮ್ ಚಂದ್ರಘ<u>ಂಟೇತಿ ವಿಶ್ರುತಾ ।।</u>

ದಿನಾಂಕ : 28 ಸೆಪ್ಟೆಂಬರ್ 2022 ಸಮಯ: ಬೆಳಿಗ್ಗೆ 10:30 ರಿಂದ ಸ್ಥಳ: ಶೈಕ್ಷಣಿಕ ಬ್ಲಾಕ್

Principal Septhagiri College of Engineering Chikkasandra, Hessraghatta Main Road Bengaluru - 560 067







SAPTHAGIRI COLLEGE OF ENGINEERING

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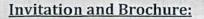


## Monthly Event Report for the month of NOVEMBER 2022 DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Activity 1	1. 这些学习这些中国的主义。
Type of Event/Activity	Special Talk
Name/Title of the Event / Activity	Mentoring connecting with students
Date of Conduction	26/11/2022
Venue (with address)	Room no.406, Academic block, Sapthagiri College of Engineering, Bangalore.
Organized by	Department of EEE
Objectives of the event/activity	<ol> <li>To create awareness about mentoring process</li> <li>To update the skill of the facultiesrequired to mentor the students.</li> </ol>
Participants (Please attach list of participants, if it is organized/conducted in the dept.))	110 Faculties

**Event Description:** TheEEE department has organized programme for Mentoring connecting with students. () resource person was Dr H S GaneshaBhatta, Former Principle M.E.S Teachers college. In his talk he conveyed Mentorship is a huge part of education. It goes further than teachers mentoring their students, though. Peer-to-peer mentorship schemes can provide students with extra support from people who've been in their situation. This can help to boost their confidence, improve their grades, and even help with their career prospects. After all, many great job opportunities come from networking.

Principal Sapthagiri College of Engineerine 14/5, Chikkasandra, Hecaraphatte Mein Road Bengaluru - 500 067







INSTITUTION'S

INNOVATION COUNCIL









Organizes a SPECIAL TALK

# "Mentoring - Connecting with Students"

GUEST SPEAKER Dr.H.S Ganesha Bhatta Former Principal M.E.S TEACHERS COLLEGE

PROGRAM CO-ORDINATORS

HODEE and Chief Proctor

Dr.R.Harish IQAC Coordinator Prof.Shobha.S

DCP & Faculty Coordinator

Dr.R.G.Deshpande IQAC & Faculty Coordinator

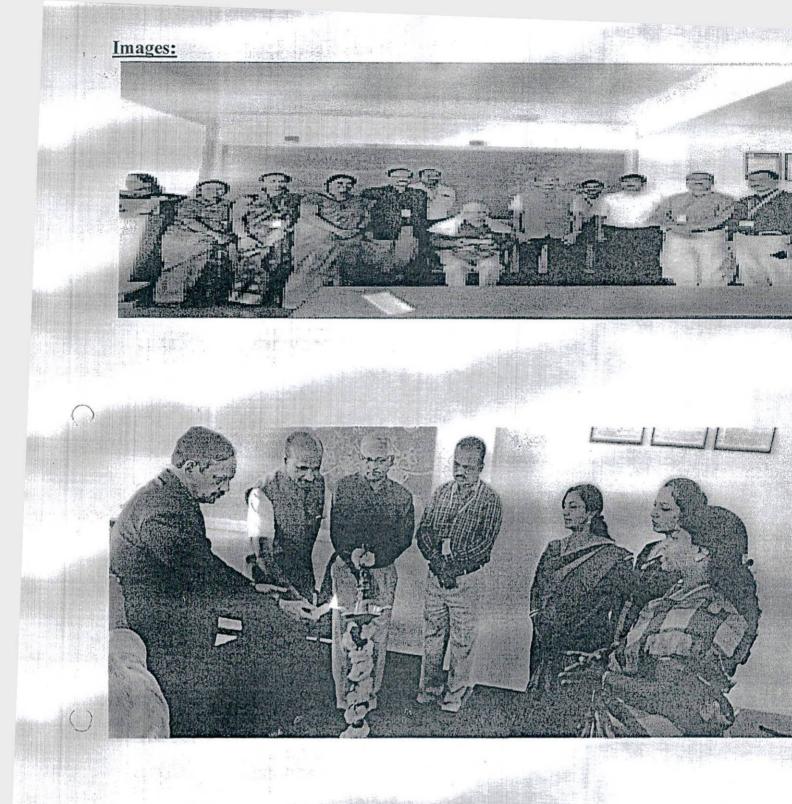
Dr.G.Raghavendra IIC Co-Convener 26/11/2022 10.30AM

Patrons

Sri.G.Dayanand Chairman Sri.G.D.Manoj Managing Director

Dr.H.Ramakrishna Principal

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



P01	PO2	PO3	P04	PO5	P06	P07	P08	P09	P010	P011	P012
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Date of Submission: 2/12/2022

Signature of the HOD

## Principal Sapthagiri College of Enginee appartment of Electricel & Electrosice Engineering Bengaluru - 560 067 Banachare - 6600057



#### SAPTHAGIRI COLLEGE OF ENGINEERING (Affiliated to VTU, Belagavi, Approved by AICTE New Delhi)

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## Monthly Event Report for the month of December 2022 DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING Report of "INDUSTRIAL AWARENESS PROGRAM"

#### Activity 1

Type of Event/Activity	Special Talk
Name/Title of the Event / Activity	"Industrial awareness program"
Date of Conduction	<b>03</b> /12/2022
Venue (with address)	Department of EEE-Room no. 406
Organized by	Department of EEE
Objectives of the event/activity	<ul><li>(i) The students must learn to understand overview of Industry .</li><li>(ii) Its benefits to the industry to enhance business excellence.</li><li>(iii) The Industrial Internet of Things.</li></ul>
Participants (Please attach list of participants, if it is organized/conducted in the dept.))	100 (5 <sup>th</sup> &3 <sup>rd</sup> sem. EEE Students)

#### Event Description:

The EEE department has organized programme for creating awareness about the Industries to students. The resource person Mr. Anand T Visionary Founder and CEO of Swifterz Creative Services and President of ASSET Society. In his talk he has given the overview of automation and its importance to the students and provide them with a platform to work on in the near future. the knowledge of the role of instrumentation in an industry, how to join/apply for job in industry, importance of GATE, NET etc. in various fields, and opportunities for instrumentation engineers in and outside the state/country to the students. Industry awareness events include a chance to learn more about the industry, speak directly with employers and register for the Build Force programme which could lead to placement or even to full time employment.

Sapthagirl College Principal 14/5, Chikkaba Bengalare

**Invitation and Brochure:** 

# SAPTHAGIRI COLLEGE OF ENGINEERING









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Cogazase s SPECIAL TALK OG "INDUSTRY AWARENESS PROGRAM"

GLEST SPEAKER Mr. Anand T Visionary Founder and CEO of Swolkerz Cresting Services and President of ASSET Society

Sri & Dayanand Chanmôn Cluef Patrons Sra.G.D.Manoy Managang Director

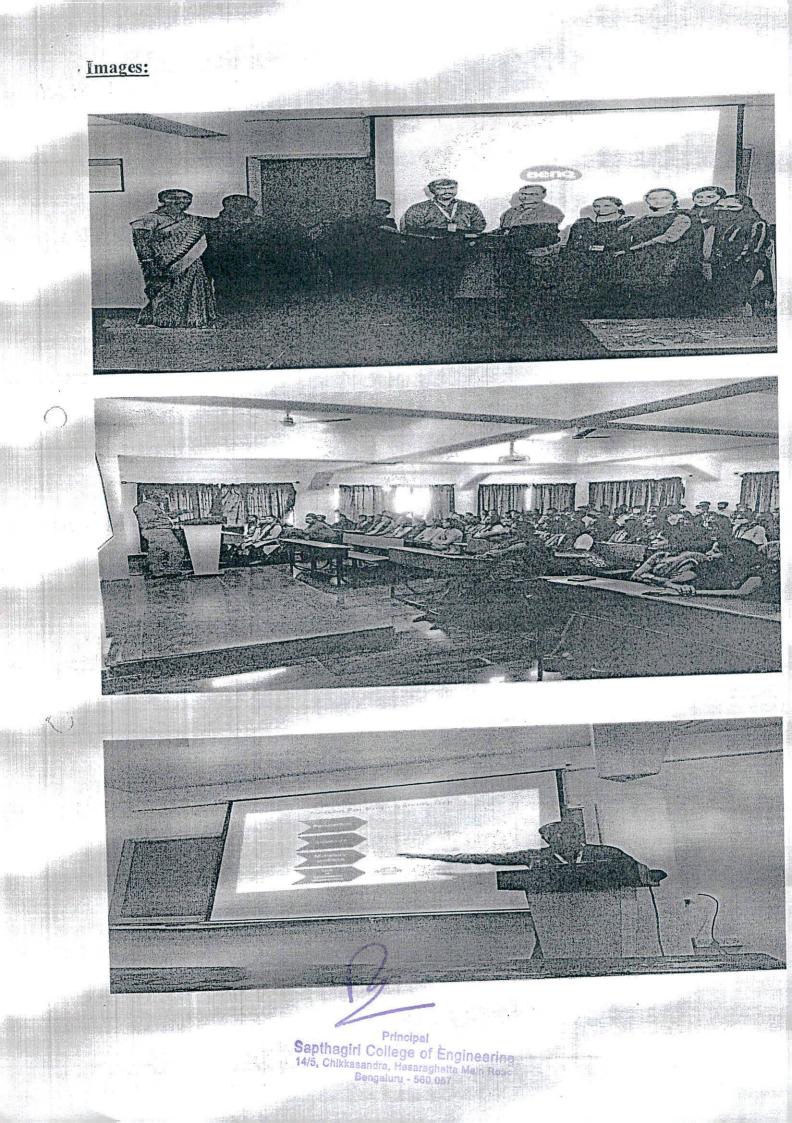
Dr.H.Rainakrishuu Principal Dr.Rekha S.N HOD of EEE

Perferog/12/2022 Pag Thursday Concentro000m

Venue, Department of EEE-Room no. 406

Faculty Coordinators Prof. Ashvan.C Pr.st. Prezika N.P Student coordinators Deepa Simi Singh M.V.Harshiba

Principal Sapthagiri College of Engineering 14/5, Chikkscendre, Heseraghatta Main Road Bengeluro - 560 057



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#### Date of Submission: 19/12/2022

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Signature of the HOD

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Principal Sapthagiri College of Engineering 14/5, Chikkesandra, Heseraghaita Main Road Bengaluru - 560 057

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DEPARTMENTOFELECTRICAL&ELECTRONICSENGG Activity 4

#### REPORTOFFDP

NameofEvent	"Application of Scilab/wx-Maxima inEngineeringMathematics"
Date	26.12.2022to30.12.2022
Placeoftheevent conducted	ALH407
FacultyCoordinators	Dr.Shweta NaikProf.Ramya. M

Faculty development program was organized at SCE, by Department of Mathematics in association ofdepartment of Electrical and Electronics Engineering from 26th December, 2022 to 30<sup>th</sup> December, 2022on "Application of Scilab/wx-Maxima in Engineering mathematics". Scilab/Maxima is mathematical and scientific calculation software, open source, very useful for all science and engineering researchs, teachers and students in a cademic sparticularly.

#### **Invitation and Brochure:**



Accredited by NAAC with 's' Grade Accredited by NBA

Faculty Development Programme on

"Application of SCILAB/ WXMAXIMA in Engineering Mathematics' Organised by Department of Mathematics

and Department of Electronics and Electrica Engineering

26th December -30th December, 2022 (5 days)

About Sapthagiri College of Engineering:

Sapthagirl College of Engineering (SCE), Bengaluru, was established in the year 2001 by Snnivasa Education and

Charitable Trust accredited with NAAC 'A' grade and NBA Accredited with a vision to transform its students into competent, inspired and responsible professionals. SCE has established a system of imparting a world class quality education through good infrastructure, qualified faculty and good ambience. It has research centres in order to provide an excellent learning platform. We occupy a place of prominence among the leading engineering colleges under VTU.

#### About the departments:

The department of Mathematics has come into existence with the Inception of the Institution in the year 2001. The department imparts knowledge of applied mathematics for the students to employ the mathematical skill in the technical field.

The department of Electrical and Electronics started functioning in the year 2004 & the program is accredited by the National Board of Accreditation (NBA) in TierII-2021.

#### Program - An Overview:

Septhagiri College of Engineering 14/5, Chikkasendra, Henathalmila Main Road Bengaluru - 560 057

Scilab started as Blaise, a computer aided control system design software in the 80's. It was developed by Francois Delebecque and Serge steer at IRIA in order to provide a tool in automatic control for researchers. In 2017, Scilab Enterprise was acquired by the ESI Group, ESI Group remains committed to a free and open source Scilab software for numerical computation. Scilab is free and open source software for numerical computation providing a powerful computing environment for engineering and scientific applications, Maxima is based on a 1982 version of Macsyma, which

was developed at MIT with funding from the United States Department of Energy and other government agencies. Like most computer algebra systems, Maxima supports a variety of ways of reorganising symbolic algebraic expressions, such as polynomial factorization, polynomial greatest common divisor calculation, expansion separation into real and imaginary parts, and transformation of trigonometric functions to exponential

and vice versa. Maxima includes a complete programming language with ALGOL-like syntax but Lisp-like semantics.

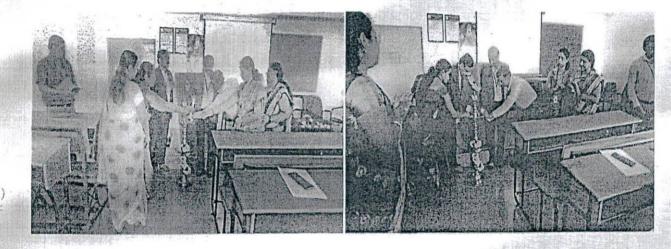
Mr. Anthony Christy Melson Assistant Professor.	1
Department of Mathematics	
BMS College of Engineering Bangalore	R
Prof. A Damodaran Assistant Professor	5
Department of EEE	
SCE Bangalore	T AL
Dr Chandra Shekara G	della manager
Assistant Professor Department of Mathematics	(m.a)
BMS College of Engineering Bangalore	
	COLUMN / LIN
HIEF PATRONS	· 5.85
Bri, Q. Dayanand	-Chairman, SCE
ari. G.D. Manoj	-Executive Director, SCE
DVISORY	
Dr. K. S. Venkaleshappa	-Administrative Officer, SIMS
or, H. Ramaknahaa	-Principal, SCE
ONVENER	
frot, Patshwanath P. Head. ICE	Department of Mathematics,
)r, Røkha 5, N. Head, Der lectronics Engineering, SCI	
O-ORDINATOR	
or, Shweta Naik	-Assistant Professor

#### **ObjectivesoftheProgramme:**

- To provide a platform to the participant to acquire knowledge about different tools likescilab/wx-Maxima.
- Forcreatingtheawarenessabouttheuseoftoolsfortheresearch.
- Scilabincludesoptimization, statistics, maths and simulation, signal processing, application ndevelopment, 2-Dand 3-Dvisualization and the control system design and analysis.

#### Images

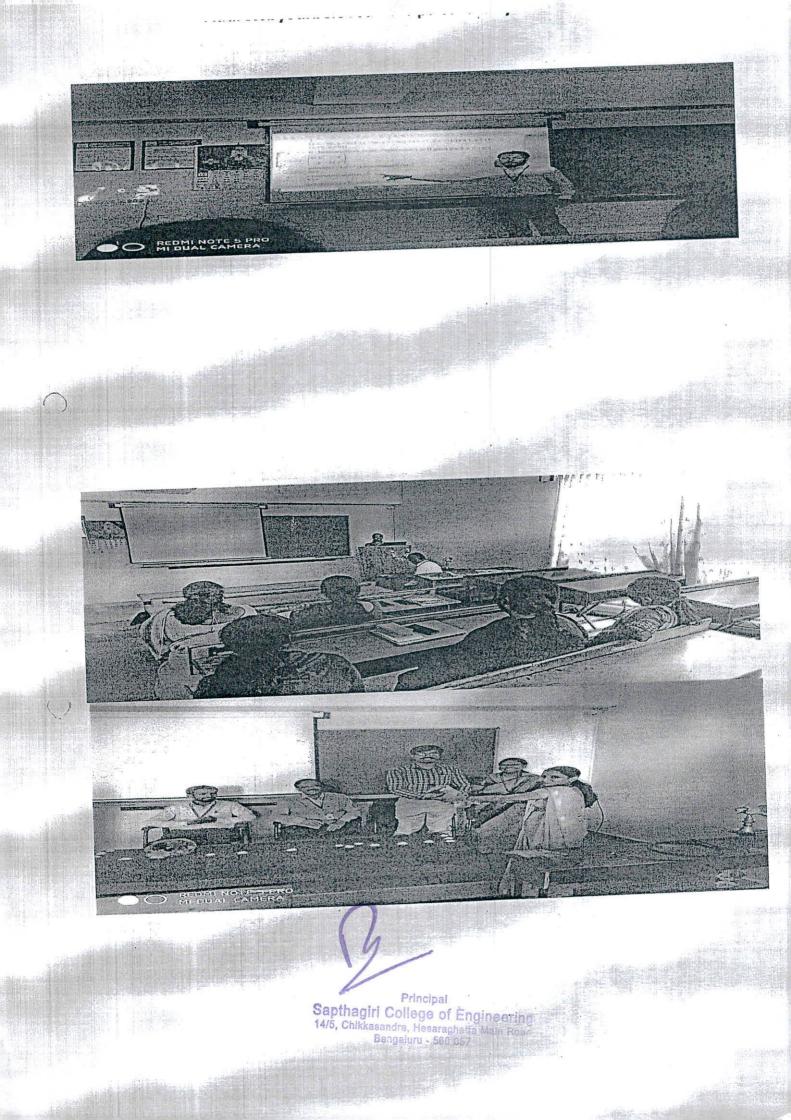




Inauguration of Faculty Development Program



Sapthagiri College of Engineering 14/5, Chikkasandra, Hesaraghatta Mala Read Bengalbur - 590 csz



#### **BriefSummaryofSessions:**

- Dr. Chandrashekara explained matrix calculations, various methods to solve linear equationssuch as Gaussian methods, the interpolation concept which is thepart of numerica methods, solution of ODE using Scilab program.
- Dr.AnthonyChristyMelsondemonstratedmanyexamplestoshowhowMaximac anbeusedasacalculator.HealsodidprogrammingonMaximatosolvemathemati calproblems.
- Prof. Dhamodharan explained introduction to Scilab and its benefits, various self-learningplatform through spoken tutorials. Also explained theinstallationofScilabon

WindowsOperatingSystem, and gives various vector operations.

#### Mapping of POs with contents of Event:

P01	PO2	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
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Date of Submission: 4/01/2023

Signature of the HOD

PROF & HOD PROF & HOD Electrical & Electronics Sectoregini College of Engines Sectoregini College of Engines Berejetrore - 560057

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



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**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING** 

#### Monthly Event Report for the month of February 2023

#### Activity 1

Type of Event/Activity	A Technical Event
Name/Title of the Event / Activity	"MINI-PROJECT EXHIBITION"
Date of Conduction	06-02-2023
Venue (with address)	ELECTRONICS LAB/SIMULATION LAB, Dept.of EEE, SCE
Organized by	Department of EEE
Objectives of the event/activity	<ul> <li>All students of III sem and V sem EEE department participat actively.</li> <li>This event helped them to identify and upgrade the student innovation interaction, technical and communication skills</li> </ul>
Participants (Please attach list of participants, if it is organized/conducted in the dept.)	129

#### **Event Description:**

The program started by welcoming the Chief guests and dignitaries on the Dias. The Event started wi inauguration at 10:30am by Dr. K. N Ravi, Rtd Joint Director CPRI, Bangalore and Dr. R S Aradhya, Rt Director, CPRI, Bangalore. Principal addressed the gathering and encouraged the students to participate all the Technical events actively. Inauguration was followed by evaluation of mini-projects done by III se and V sem students of EEE department. Valedictory function was arranged after completion of evaluation all batches and prize distribution was done by the chief guests for the top 2 best projects in III sem and sem.

> Sapthagiri Gelege of Engineering 14/5, Chikkesandra, Hasaraghetta Main Piccol Bengalaru - 560 057

**Invitation and Brochure:** 

SAPTHAGIRI COLLEGE OF ENGINEERING (Affliated by VTU, Belagavi, Approved by AICTE, New Delhi) #14/5, Chikkasandra, Hesaraghatta Main Road, Bengalore-560057 Accredited by NBA, Accredited by NAAC with "A" Grade DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

> MINI PROJECT EXHIBITION Chief Guests

RETIRED JOINT DIRECTOR CPRI

Dr. K N RAVI Dr. R S ARADHYA RETIRED DIRECTOR

CPRI

Chief Patrons Sri. DAYANANDA G CHAIRMAN, SCE

Sri. G D MANOJ MANAGING DIRECTOR, SCE

Dr. H RAMAKRISHNA PRINCIPAL, SCE

Dr. REKHASN Prof. & HOD of EEE, SCE

FACULTY COORDINATOR Dr. VIDYA M

Venue: ALH - 405

09:30AM - Inauguration 10:30AM - Exhibition

06-02-2023

Date :

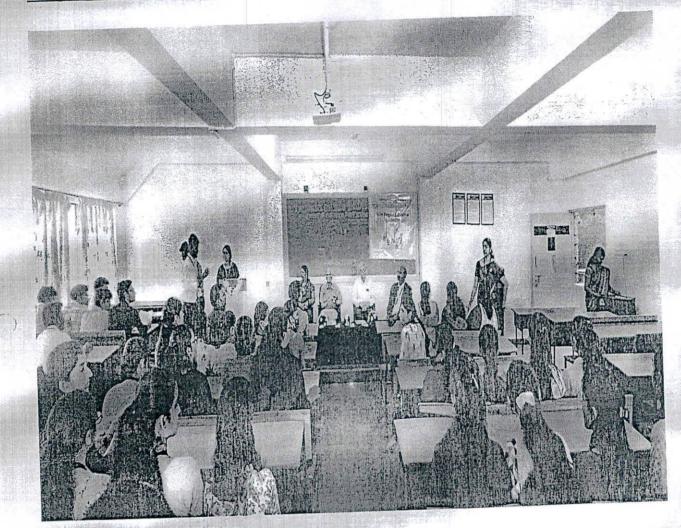
STUDENT COORDINATORS SANJAY HS HARISH V

VISHWANATH GOWDA M V YESHWANTH GOWDA S M SUKRUTHA N

ALL ARE CORDIALLY INVITED

Sapthagiri College of Engineering 14/5, Chikkasandra, Hesaraghaita Main Roac Bengaluru - 560 057

## Snapshots of the event:

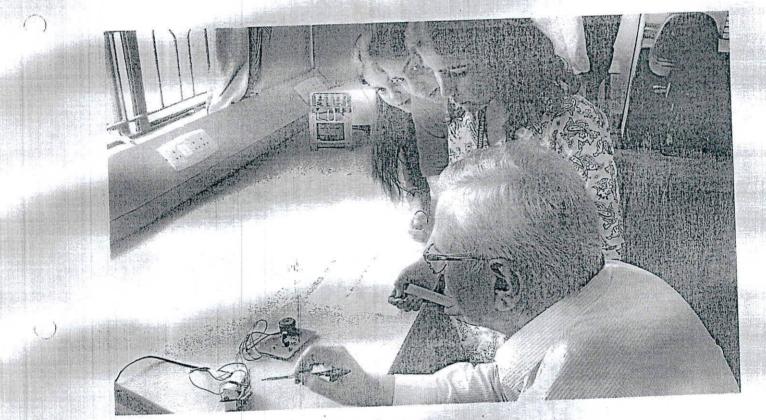


Inauguration of the event

Sapthagiri College of Engineering 14/5, Chikkasandra, Hesaraghatta Main Road Bengeleru - 580 p57

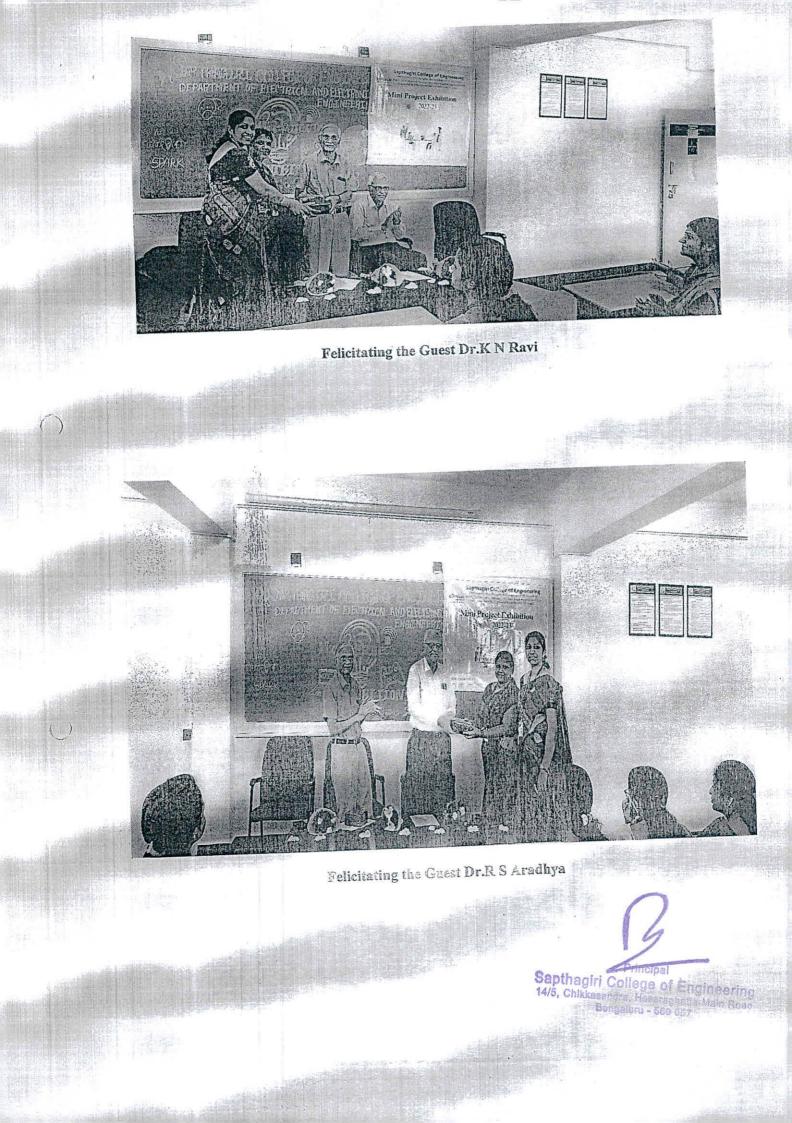


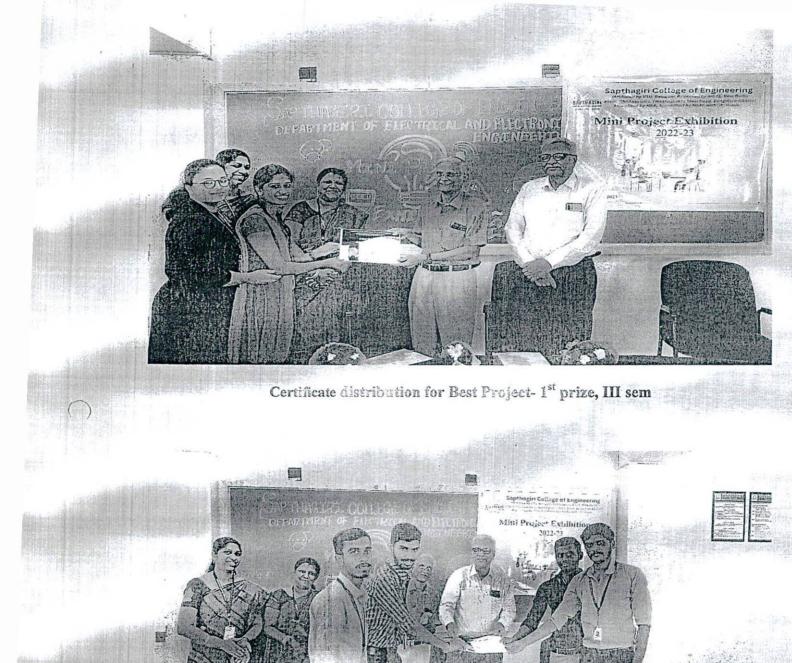
Evaluation of V sem Mini-Project by Chief Guest Dr K N Ravi



Evaluation of III sem Mini-Project by Chief Guest Dr R S Aradhya







Certificate distribution for Best Project- 1<sup>st</sup> prize, V sem

	Mappir	ig of POs	with co	ntents of	Event:				· uje	And the second s				
がいの	P01	PO2	P03	P04	P05	P06	PO7	P08	P09	<b>PO10</b>	P011	POI		
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Principal

Sapthagiri College of Engineering Astronomy Herandra Herandra Signature of the HOD 14/5, Chikkasandra Herandrista Main Signature of the HOD Bengalari Scousz

& Electronica Engine

giri Collassi oʻ Banaslora - 565557

Date of Submission: 06/02/2023

Signature of the event coordinator



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING Monthly Event Report for the month of May 2023

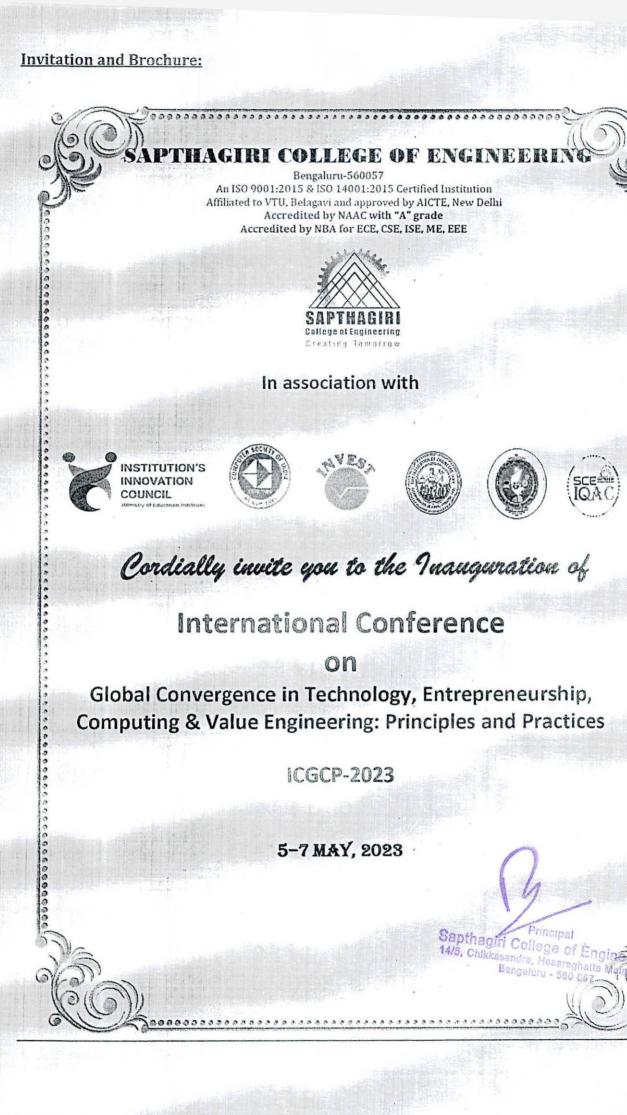
#### Activity 1

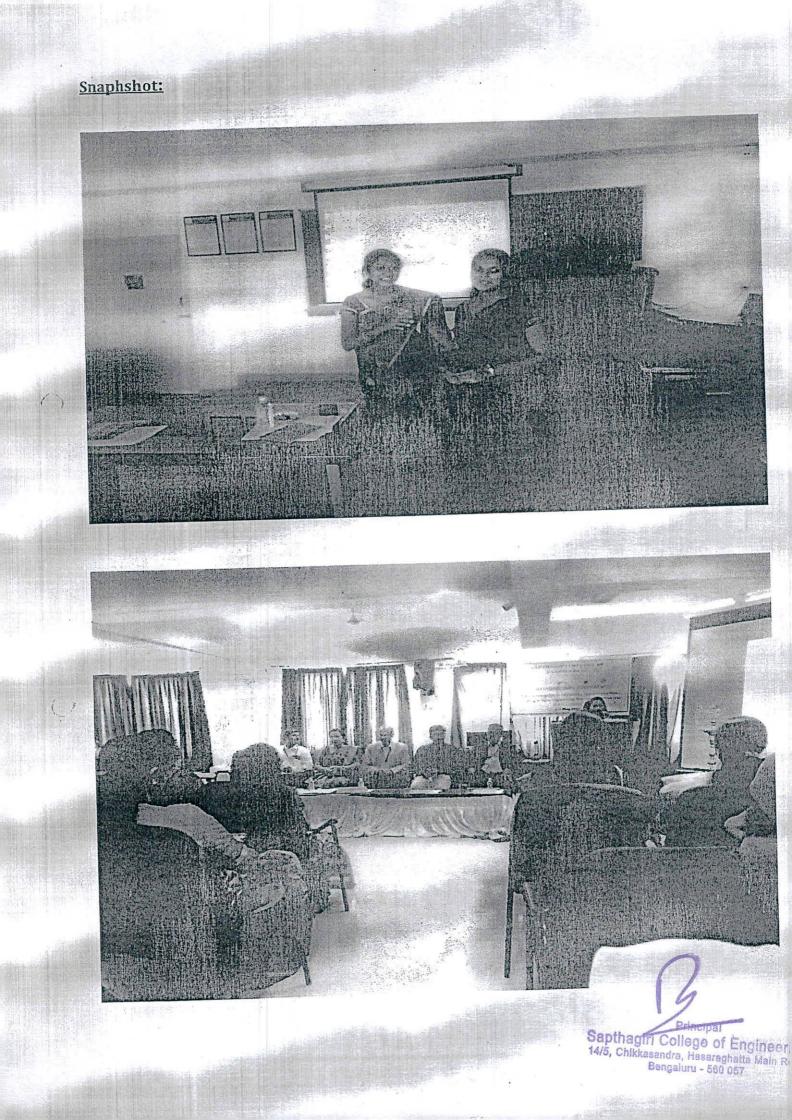
Type of Event/Activity	Conference						
Name/Title of the Event / Activity	"International Conference ICGCP 2023"						
Date of Conduction	5 /05/2023 to 7/05/2023						
Venue (with address)	Department of EEE-Room no. 407						
Organized by	Department of EEE						
Objectives of the event/activity	<ul> <li>(i) The students must learn to write a paper in IEEE format</li> <li>(ii) It benefits the students to enhance presentation and communication skills.</li> </ul>						
Participants (Please attach list of participants, if it is organized/conducted in the dept.))	95(8 <sup>th</sup> sem. EEE Students)						

#### Event Description:

The EEE department had organized international Conference ICGCP (2023) for creating awareness about Paper presentation and improve the presentation skills of the students. The Session chairs were Dr.Madhu Palati from BMSIT and Dr.Prema fron BMSCE. All the students presented their papers based on their project work. The session chairs gave valuable inputs for the students for improving their technical knowledge and communication skills. All students were benefitted from the International Conference. Students and faculties from other colleges also participated in the conference. The Session chairs were given momentos as token of appreciation.

Pfincipal Sapthagiri College of Engineering 14/5, Chikkasendra, Heseraphetta Main Roac Bengaluru - 560.057





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Date of Submission:31/05/2023

Signature of the HOD

PROF & HOD separament of Electrical & Electronics Engine Septhagint College of Engineering Banaalore - 560057

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

## Activity 4

Name of Event	PROJECT EXHIBITION
Date	13-05-2023
Place of the event conducted	ELECTRONICS LAB/SIMULATION LAB, Dept.of EEE, SCE, Bengaluru-57

#### Report:

· · · ·

The Event started at 09:30am by Mr. Rakshith, and Mr. Nitish Badami alumni of EEE department of batches 2012. Inauguration was followed by evaluation of projects done by VIII sem students of EEE department. Valedictory function was arranged after completion of evaluation of all batches and prize distribution was done by the chief guests for the best presentation, best innovative project and best societal project.

Impact & Sensitization	Ali students of VIII sem EEE department participated actively. This event helped them to identify and upgrade the student innovation, interaction, technical and communication skills.
Faculty Co-ordinators	Dr. Vidya M, Associate Professor, Prof. Ramya M, Assistant Professor Dept.of EEE, SCE.

Principal Sapthagiri College of Engineering 14/5, Chikkesandra, Hesereghana Mein Road Bengaluru - 560 057



SRI SRINIVASA EDUCATIONAL AND CHARITABLE TRUST (R)

## SAPTHAGIRI COLLEGE OF ENGINEERING

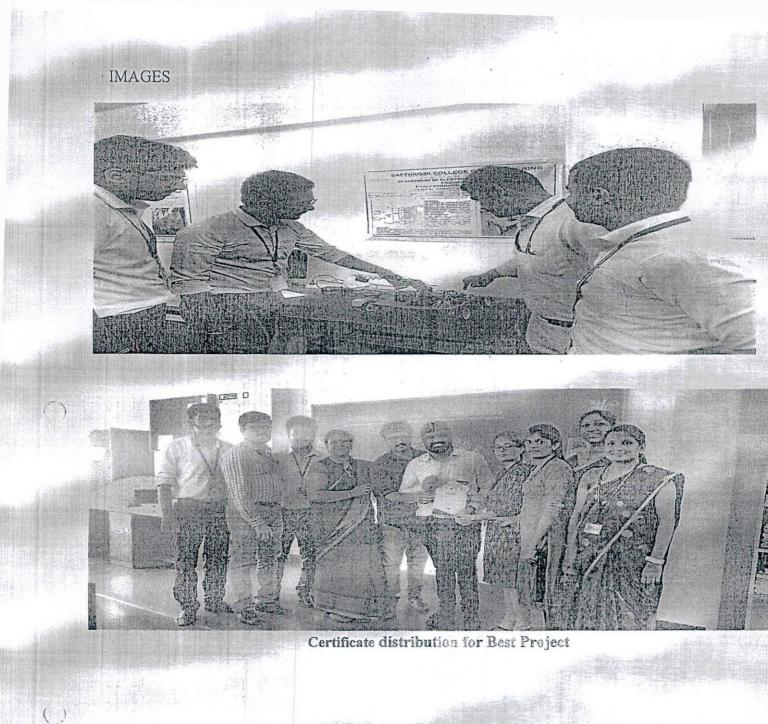
(AFFILIATED TO VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI & APPROVED BY AICTÉ NEW DELHI) (ACCREDITED BY NAAC WITH "A" GRADE AND NBA ACCREDITED) (ISO 9001:2015 AND 14001:2015 CERTIFIED) #14/5, CHIKKASANDRA, HESSARAGHATTA MAIN ROAD, BANGALORE-57

## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



Poster of Event

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Date of Submission: 28/05/2023

Signature of the HOD

PROF & HOD upperferent of Electrical & Electronics Encration y September Bansalora - 560057

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#### Activity 5

Type of Event/Activity	Cultural Event
Name/Title of the Event / Activity	"FAREWELL"
Date of Conduction	27-05-2023
Venue (with address)	Room No. 405, Dept.of EEE, SCE
Organized by	Department of EEE
Objectives of the event/activity	<ul> <li>All students of VI sem EEE department organized the programs as co-ordinated actively.</li> <li>This event helped them to showcase talent, co-ordination, involveme and seniors were happy to see our arrangements which was special created for them.</li> </ul>
Participants (Please attach list of participants, if it is organized/conducted in the dept.)	135

#### **Event Description:**

The seniors were welcomed with shower of flowers, they were surprised to watch the class filled with the memories. Then the program was started at 10am with a welcome song and a kathak dance. Then it we made a little fun by making seniors involve in the games which was well organised by the game ordinators. At 11:30pm principal arrived, Sir addressed the gathering then it was followed by cake cuttin and the lunch was provided for all. After lunch again at 1am the program continued with gracefull danc and an instrumental band group by seniors was an mesmerizing performance. At last the photography c ordinators of VIth sem created a film of seniors photos which was the memorable part of the program.

Principal Sapthagirl College of Engineering 14/5, Chikkesendra, Hesaraghatta Main Road Bangaluru - 560 057

#### Invitation and Brochure:



# SAPTHAGIRI COLLEGE OF ENGINEERING

# DEPARTMENT OF ELECTRICAL BELECTRONIC ONGINEERING

## CHIEF PATRONS

SEL G DAYANAND SEL G D MANOJ CHAIRMAN, SCE MANAGING DIRECTOR,

DT. H RAMAKRISHNA FRINCIPAL, SCF DT. REKHAS N HEAD OF DEPARIMENT

VENUEREEM 406

SATURDAY MAY 27,2023

月末代

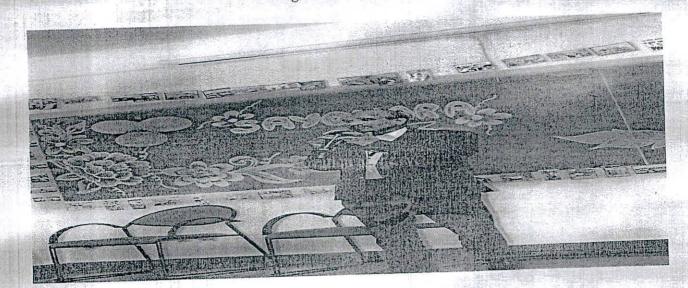
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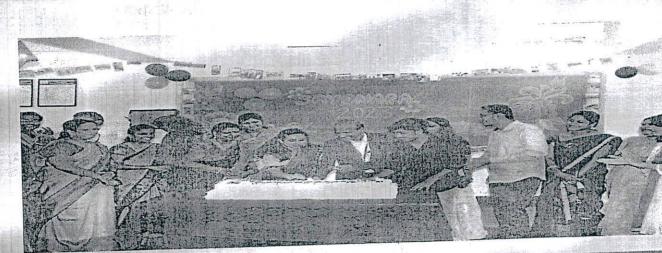
## Snapshots of the event:

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Inauguration of the event







**新教教** 

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



8<sup>th</sup> sem students

#### Mapping of POs with contents of Event:

PO1	PO2	PO3	PO4	P05	P06	P07	PO8	P09	P010	P011	PO
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Date of Submission: 07/06/2023

## Signature of the HOD

PROF & HOD orepartment of Electronics Engineering Septimodal Control of Engineering Baretatore - 860057

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

#### Activity 2

Type of Event/Activity	Internship							
Name/Title of the Event / Activity	"Communication Skills"							
Date of Conduction	17 /05/2023 to 3/06/2023							
Venue (with address)	Department of EEE-Room no. 406							
Organized by	Department of EEE							
Objectives of the event/activity	<ul> <li>(i) The students must learn to understand overview of how to face challenges</li> <li>(ii) Its benefits to the students to enhance business communication skills.</li> <li>(iii) Digital foot print, Effective use of social media.</li> </ul>							
Participants (Please attach list of participants, if it is organized/conducted in the dept.))	24(3 <sup>rd</sup> sem. EEE Students)							

#### Event Description:

The EEE department has organized internship Programme for creating awareness about communication skills of students. The resource person Ms. Pallavi TS Assistant Professor Sapthagiri College of Engineering Bangalore. In her talk communication skills are the abilities you use when giving and receiving different kinds of information. Some examples include communicating new ideas, feelings or even an update on your project. Communication skills may take a lifetime to master—if indeed anyone can ever claim to have mastered them. There are, however, many things that you can do fairly easily to improve your communication skills and ensure that you are able to transmit and receive information effectively. Developing your communication skills can help all aspects of your life, from your professional life to social gatherings and everything in between. In your personal life, good communication skills can improve your personal relationships by helping you to understand others, and to be understood. Communication skills can also ensure that you are able to manage interactions with businesses and organizations.

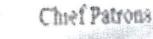
aptnagiri Cologa of Engineering 46, Chlussiahara, Hestraghalta Main Road Invitation and Brochure:



## SAPTHAGIRI COLLEGE OF ENGINEERING

Accredited by NBA and NAAC with 'A' Grade DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

# INTERNSHIP



Sri G D Manoj

Managing Director

Dr H Ramakrishna

Principal Dr Rekha S N

HOD of EEE

..... Department of EEE-Room no. 406

7 05/2023 to 3/06/2023

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Saphagun College of Engineering

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MeADhanodaran MeADhanodaran Ms Preeba NP

Principal Sapihagiri College of Engineering 14/5, Chikkasendra, Hesaraghatia Main Road Bangeluru - 550 057



Valedictory of the event

Principal Sapthagiri Collecto of Engineering 14/5, Chikkesandra, Hearaghatta Main Road Bongauro - 560 057

Mapping of POs with contents of Event:

P01	PO2	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
	California and	-	-	-	-	-	·2	- 653	2	3	3

Date of Submission: 02/6/2023

Event cooldinator

Signature of the HOD

PROF & HOD repartment of Electrical & Electronics Engineering Sectingth College of Engineering Barmalone - 580057



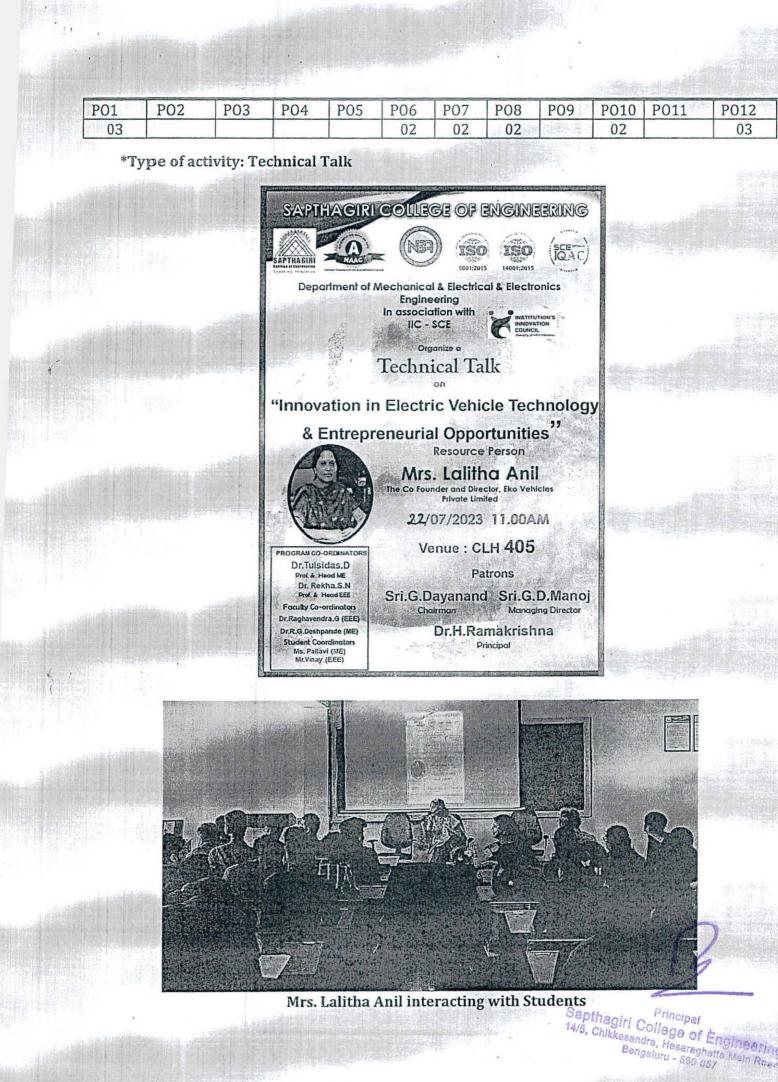
#### SAPTHAGIRI COLLEGE OF ENGINEERING

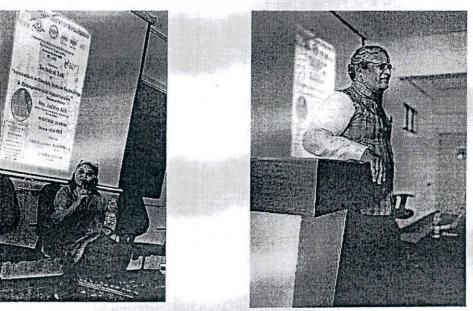
BENGALURU-560057 (An ISO 9001:2015 & ISO 14001:2015 Certified Institution) (Affiliated to VTU, Belagavi and approved by AICTE, New Delhi) (Accredited by NAAC with "A" grade) (Accredited by NBA for ECE, CSE, ISE, ME, EEE) Department of Electrical & Electronics Engineering

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*Type of event/activity	Technical Talk
Name/Title of the Activity/Event	Technical Talk on, Innovation in Electric Vehicle Technology & Entrepreneurial Opportunities
Date of Organization	22/07/2023 11.00AM
Venue (with address)	CLH- 405, Sapthagiri College of Engineering, Bangalore.
Organized by	Department of Mechanical and Electrical & Electronics Engineering
Objectives of the event/activity	<ol> <li>Orient / Guide the students on opportunities in the field of Electrical Vehicles.</li> <li>Motivate the students to develop projects and carry out research in the field of Electrical Vehicles and Solar Energy.</li> <li>Orient the students on the initiatives related to environment protection and sustainability.</li> <li>To provide an opportunity to interact and discuss about the future of Electrical Vehicles.</li> </ol>
Participants	106 Students and 08 faculty members ( List enclosed)
Mention organized /participated/attended	Organized by Department of Mechanical & Electrical and Electronics Dept.
Event Description:	

Technical Talk on, Innovation in Electric Vehicle Technology & Entrepreneurial Opportunities was organized by the department of Mechanical and Electrical & Electronics Engineering on 31/07/2023 11.00AM. The resource person, Mrs. Lalitha Anil, The Co Founder and Director, Eko Vehicles Private Limited addressed the students of 4<sup>th</sup> Semester Mechanical and Electrical & Electronics Engineering and faculty members. During the session the resource person covered in detail about the concepts related to Electrical Vehicles and highlighted on the present scenario of Electrical vehicles in India and abroad. She also encouraged the students to contribute to the field of Electrical vehicles by continuing further study and research in the area. She also highlighted on the entrepreneurial opportunities for Mechanical and Electrical students in the field of Electrical vehicles. Students interacted with the resource person and clarified their doubts at the end of session.

Principal Sapthagiri College of Engineering 14/5, Chikkesandra, Heserachatta Mein Road Bengalura - 250 057





Mrs. Lalitha Anil and Dr Vijay Kulkarni addressing Students

#### Feedback by the Participants:

1.

3

**1.** How do you rate the relevance of conducting Technical Talk in the present context? 30 responses

13.3%

Very relevant
 To some extent relevant
 Not relevant

2. How do you rate the overall planning & execution of Technical Talk?

20%

36.7%

31

30 responses

Excellent Good Fair

Principal Sapthagiri College of Engineering 14/5, Chikkasendre, Hesereghatta Main Road Bengduru - 560 057 3. How do you rate the value addition by speaker?

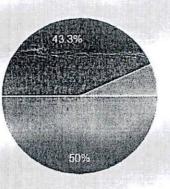
163 319

30 responses

Excellent
 Good
 Fair

4. To what extent the presentations & interactions motivate you to take-up further study / Research in the field of Electric Vehicles?
30 responses

20%



To a large extent
 To some extent
 Not much

5. How do you rate your overall experience related to Technical Talk on Electric Vehicle?

33.3

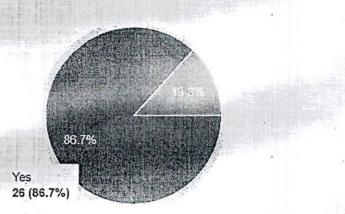
63.3%

30 responses

Excellent
 Very Good
 Average

Sapthagiri College of Engineering 14/5, Chikkesendre, Hesenschatte Mein Road Bengelury - 600 607 6. Do you express your willingness to participate in more Technical Talks at Sapthagiri College of Engineering?

30 responses



7. Your valuable Comments / Suggestion for improvement in the event. Nothing Very good Informative It was good Great event More interesting personalities Valuable technical talk It was useful Excellent We would like to learn new things The session was informative The session was informative Session was good Session was curious and informative Could have made it more interestingly It was very useful The tech talk was so expressed and I learnt many thinks from that THE BEST EVENT Good knowledge Excellent impact We can't hear when the Mike is off The talk was well organized GOOD JOB

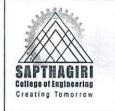
**Event coordinator** 



Yes
 No
 May be

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Principal Sapthagiri College of Engineerin, 14/5, Chikkasandra, Hesaraghatta Main Roac Bengaluru - 560 057



#### SAPTHAGIRI COLLEGE OF ENGINEERING BENGALURU-560057

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**DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING** 

#### Monthly Event Report for the month of: Oct- 2022

#### **DEPARTMENT OF: Information science and Engineering**

*Type of Event/Activity	1.Bridge Course
	2.Expert Talk
Name/Title of the Event / Activity	<ol> <li>Enhancing Programming skills in C++ &amp; Java.</li> <li>Security aspects in Financial Transactions using Blockchain Technology.</li> </ol>
Date of Organization	1. 10–10-2022 to 15-10-2022 2. 19-10-2022
Venue (with address)	1 .ISE- SEMINAR HALL 2. ISE-SEMINAR HALL
Organized by	Department of Information Science of Engineering
Dbjectives of the event/activity	<ol> <li>To educate students in Programming Language.</li> <li>To educate about Blockchain Technology.</li> </ol>
Participants (Please attach list of participants, if it is organized/conducted in the dept.))	<ol> <li>1. 110 participants</li> <li>2. 120 participants</li> </ol>
Mention organized /participated/attended	Department of ISE, Sapthagiri College of Engineering

#### **Event Description:**

1. Department of ISE has organized a bridge course by on Topic- "Enhancing Programming skills in C++ & Java "under the banner of ISE forum. The resource persons of the Bridge course has delivered handson sessions on programming languages like C++ & Java to make use of the opportunity to enhance and enrich knowledge and skills in the area of computing. In event About 110 students took part in the session and expressed satisfaction about the event.

2. Department of ISE has organized a seminar on Topic: "Security aspects in Financial Transactions using Blockchain Technology." under the banner of ISE forum. The talk was organized by the department of Information Science and Engineering. Chaitra T P of 7th semester of Information Science and Engineering welcomed the gathering. The principal of Sapthagiri college of Engineering H Ramakrishna addressed the students and advice the students to be effective. The Head of the Department of Information Science and Engineering H R Ranaganatha addressed the student. The speaker of the topic is Dr S Geetha who is working in Computer Science and Engineering department of BNMIT college. She delivered the core concept of Block chain to the students. In event About 120 students took part in the session and expressed satisfaction about the event.

Sapthagint allog 14/5, Chikkasandra, Her

Engineering

(i) After every event, please take feedback (online/offline).

(ii) At the end map PO's (with 3/2/1):

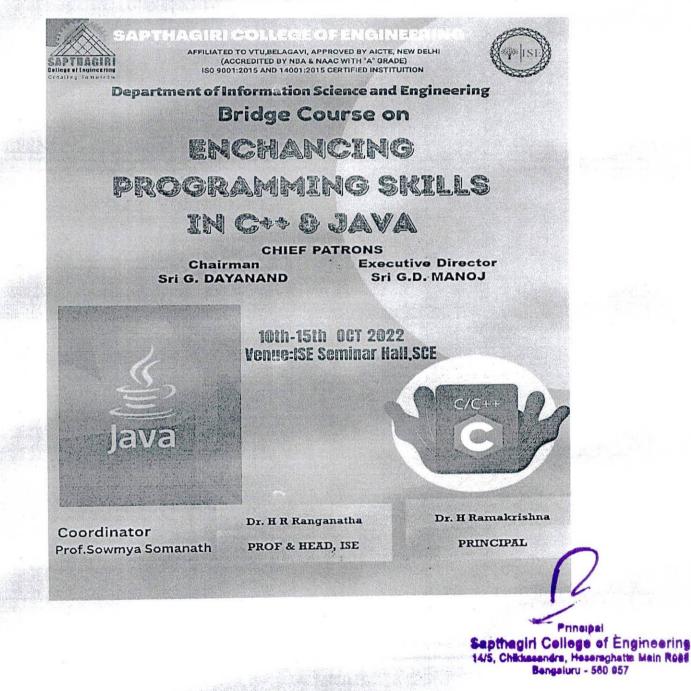
#### **EVENTS MAPPING:**

Events	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
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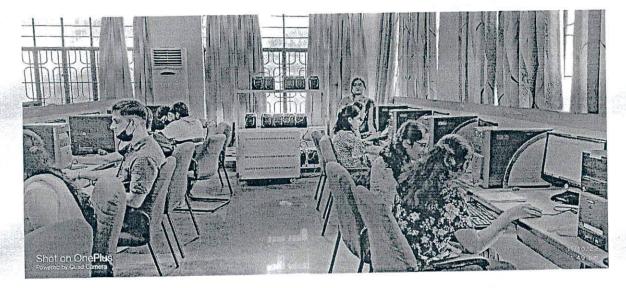
#### \*Type of Event / Activity:

Workshop/**seminar**/conference/hackathon/hobby project/mini project/ Invited Talk/Guest Lecture/ Skillenhancement program/Cultural activity/competitions etc.,

Event 1: Bridge Course- Enhancing Programming skills in C++ & Java.



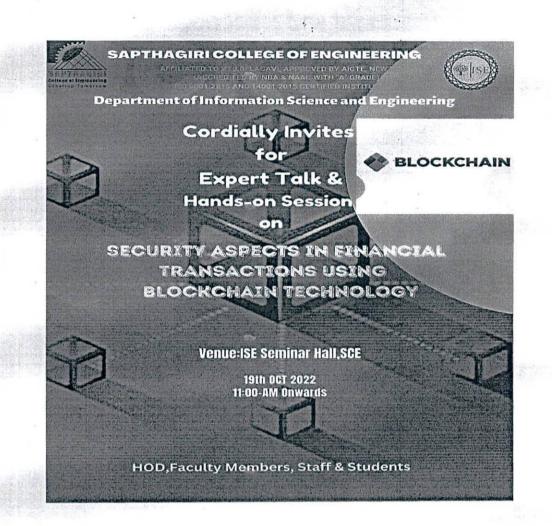
## Glimpse of Bridge Course sessions



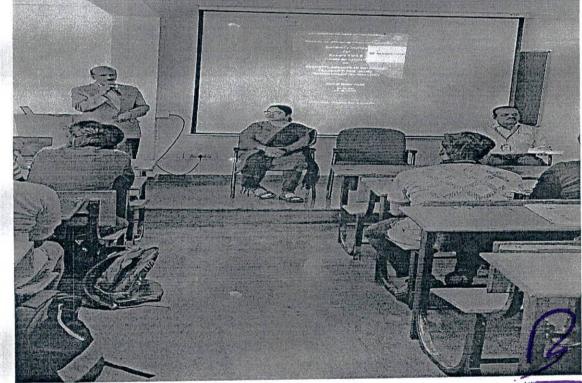




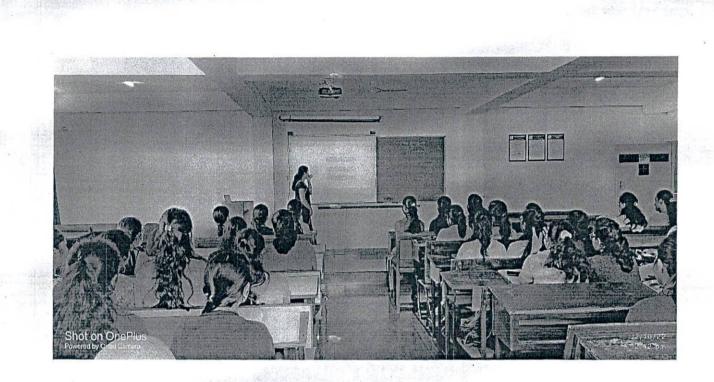
Principia Sapthagiri College of Engineering 14/5, Chikkesendra, Heseraghatta Main Road Bengaluru - 560 057



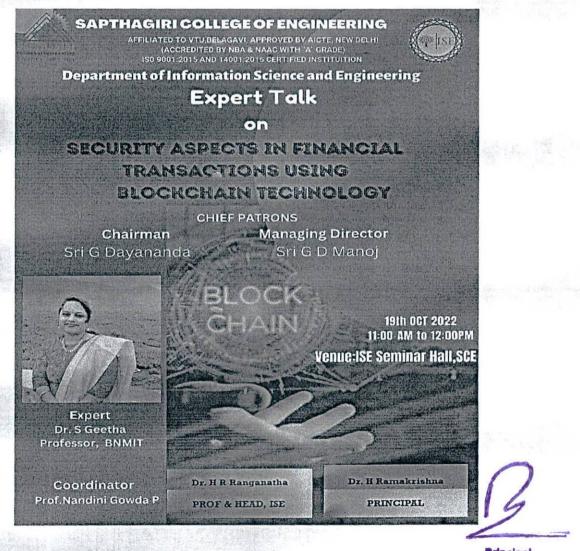
## Glimpse of the Expert talk



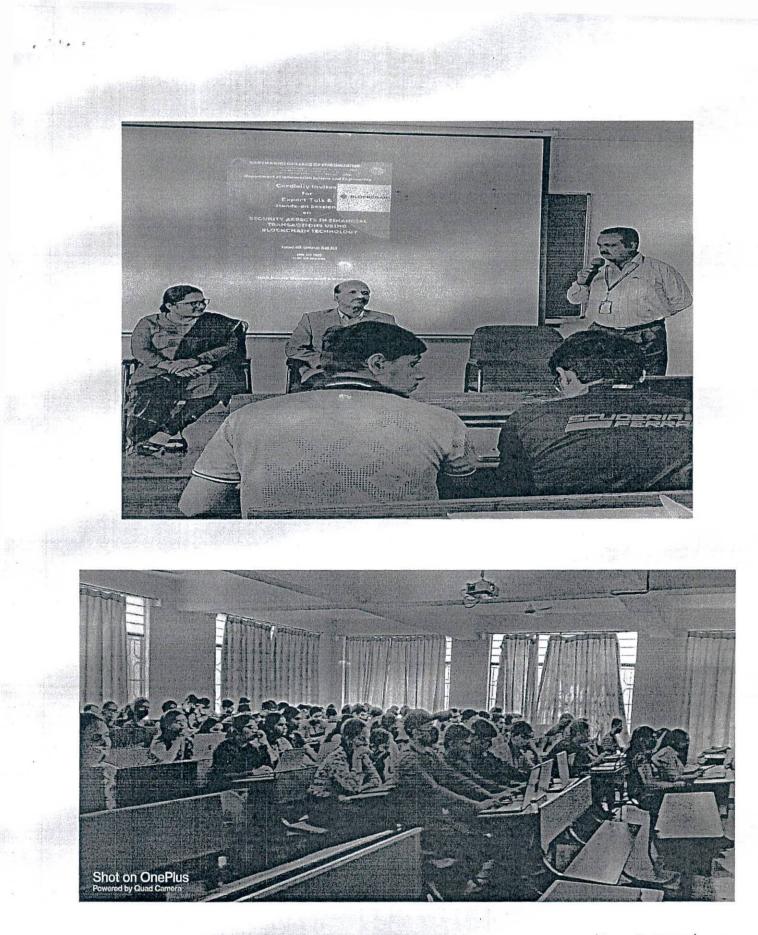
Principal Sapthagirl College of Engineeri 14/5, Chikkasendra, Haserachetta Main Fiord Bengaluru - 560 067



Event 2: Expert Talk- Security aspects in Financial Transactions using Blockchain Technology.



Principal Septhagiri College of Engineering 14/5, Chikkssendra, Heseraghatta Main Read Bengaluru - 560 657



Date of Submission: 2/11/2022

NOTE: All the Events should be in one PDF File

Sapthagiri College ei Eilg Sotton 14/5, Chikkasendre, Hesereghette Mein Reud Bongeluru - 500 057 HR Rauf Signature of the HOD

Dr H.R Ranganatha Prof. & H.O.D Dept.of Information Science & Engg Sapthagiri College of Engineering # 14/5 Chikkasandra, Hesaraghatia bian Roat Be NGALURU-560 05 1



#### SAPTHAGIRI COLLEGE OF ENGINEERING BENGALURU-560057

BENGALURU-560057 ( An ISO 9001:2015 & ISO 14001:2015 Certified Institution) (Affiliated to VTU, Belagavi and approved by AICTE, New Delhi) (Accredited by NAAC with "A" grade) (Accredited by NBA for ECE, CSE, ISE, ME, EEE)

**DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING** 

#### Monthly Event Report for the month of: Nov- 2022

#### **DEPARTMENT OF: Information science and Engineering**

*Type of Event/Activity	<ol> <li>Expert Talk</li> <li>Hands –on Session</li> <li>Hackathon on Machine Learning</li> </ol>
Name/Title of the Event / Activity	<ol> <li>Problem Solving in AI using search Techniques.</li> <li>WEB 3.0 Awareness Program.</li> <li>Hackathon</li> </ol>
Date of Organization	1. 10-11-2022 2. 18-11-2022 3. 19-11-2022
Venue (with address)	1 .ISE- SEMINAR HALL 2. ISE-SEMINAR HALL 3. ISE-SEMINAR HALL
Organized by	Department of Information Science of Engineering
Objectives of the event/activity	<ol> <li>To educate students in Problem Solving in AI.</li> <li>To educate about WEB 3.0 Awareness Program.</li> <li>To up skill the programming Knowledge.</li> </ol>
Participants (Please attach list of participants, if it is organized/conducted in the dept.))	<ol> <li>1. 120 participants</li> <li>2. 115 participants</li> <li>3. 110 participants</li> </ol>
Mention organized /participated/attended	Department of ISE, Sapthagiri College of Engineering

Principal Sapthagiri College of Engineering 14/5, Chikkasendra, Heseraghatta Main Road Bengeluru - 560 057

#### **Event Description:**

1. Department of ISE has organized a bridge course by on Topic- "Problem Solving in AI using search Techniques" under the banner of ISE forum. The talk was organized by the department of Information Science and Engineering. Chaitra T P of 7th semester of Information Science and Engineering welcomed the gathering. The principal of Sapthagiri college of Engineering H Ramakrishna addressed the students and advice the students to be effective. The Head of the Department of Information Science and Engineering H R Ranaganatha addressed the student. The speaker of the topic is Dr Anitha N who is working in Computer Science and Engineering department of BNMIT college. She delivered the core concept of AI to the students. In event About 120 students took part in the session and expressed satisfaction about the event.

2. Department of ISE has organized an hands-on session on Topic: "WEB 3.0 Awareness Program." under the banner of ISE forum. The talk was organized by the department of Information Science and Engineering. Dhanush of 3rd semester of Information Science and Engineering welcomed the gathering. The principal of Sapthagiri college of Engineering H Ramakrishna addressed the students and advice the students to be effective. The Head of the Department of Information Science and Engineering H R Ranaganatha addressed the student. The speaker of the topic is Mr. Anantha Krishnan who is a founder of SARVA Labs. He delivered the core concept of Web 3.0 to the students. In event About 110 students took part in the session and expressed satisfaction about the event.

3. Department of ISE has organized a Hackathon on Topic: "Hackathon on Machine Learning" under the banner of ISE & Karunadu Technologies. The event was organized by the department of Information Science and Engineering. The principal of Sapthagiri college of Engineering H Ramakrishna addressed the students and advice the students to be effective. The Head of the Department of Information Science and Engineering H R Ranaganatha addressed the student. He delivered the importance of Hackathon to the students. In event About 110 students took part in the session and expressed satisfaction about the event.

Principal Sapthagiri College of Engineering 14/5, Chikkasandra, Hesaraghatta Main Read Bengaluru - 580 657 (i) After every event, please take feedback (online/offline).

(ii) At the end map PO's (with 3/2/1):

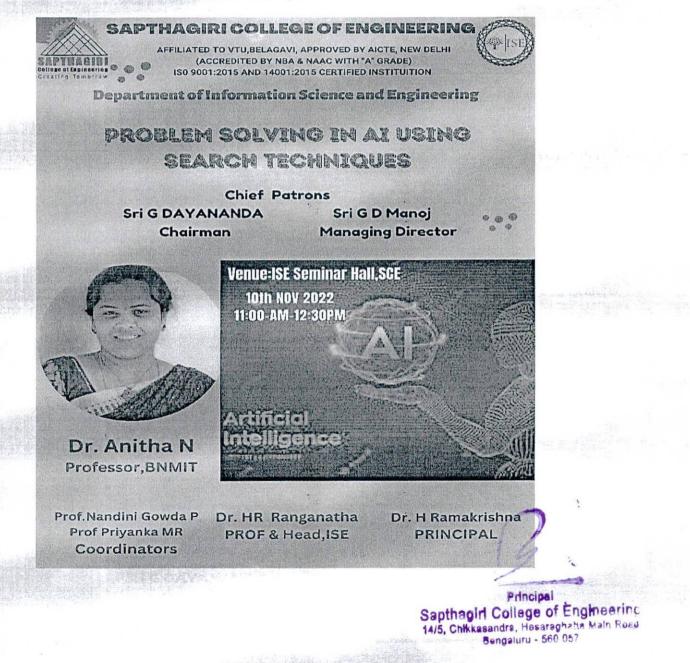
#### **EVENTS MAPPING:**

Events	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
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3	() 有限 () ()		2	<b>动的</b> 种生产于	1						14	2

#### \*Type of Event / Activity:

Workshop/**Seminar**/conference/hackathon/hobby project/mini project/ Invited Talk/Guest Lecture/ Skillenhancement program/Cultural activity/competitions etc.,

Event 1: Problem Solving in AI using search Techniques.

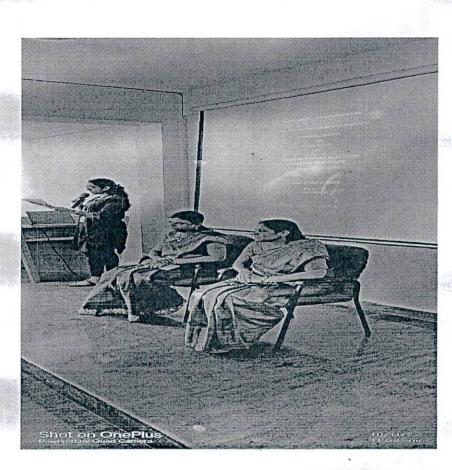


Glimpse of Expert Talk

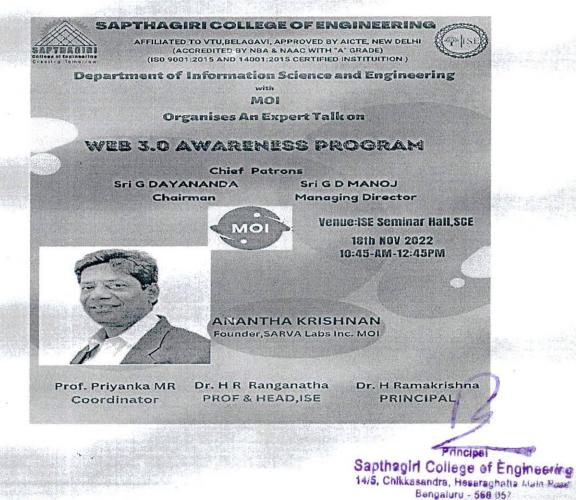




Principal Sapthagirl College of Engineering 14/5, Chikkasendra, Hesereghette Mein Road Bengaluru - 560 657



#### Event 2: Hands-on session WEB 3.0 Awareness Program.



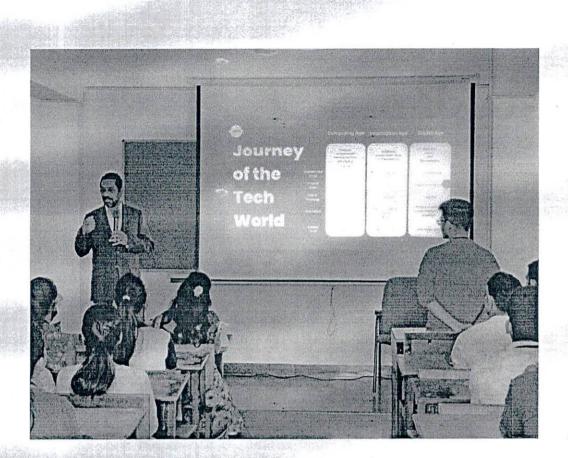
Glimpse of the Expert talk





Principal Sapthagiri College of Engineerine 14/5, Chikkasendra, Heseraghatta Main Read Bengeluru - 568 657

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#### Event 3: Hackathon on Machine Learning

#### SAPTHAGIRI COLLEGE OF ENGINEERING #14/5, Chikkasandra, Hesaraghatta Main Road, Bangalore-57

(Affiliated to VTU, Belgavi & Approved by AICTE-New Delhl) (ISO 9001:2015 & ISO 14001:2015 certified Institution, Accredited by NBA and NACC with "A" Grade)

#### DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

### Organizes **"HACKATHON on MACHINE LEARNING**" **in Association with "Karunadu Technologies Private Limited**"

Sri G Dayanand Chairman, SCE Sri G D Manoj

Managing Director, SCE

INSTITUTION'S INNOVATION COUNCIL Internet of Statement

Dr. H RAMAKRISHNA

PRINCIPAL

Date : 3rd December 2022 Timings: 9:00 AM - 11:00 AM Venue: ISE Seminar Hall

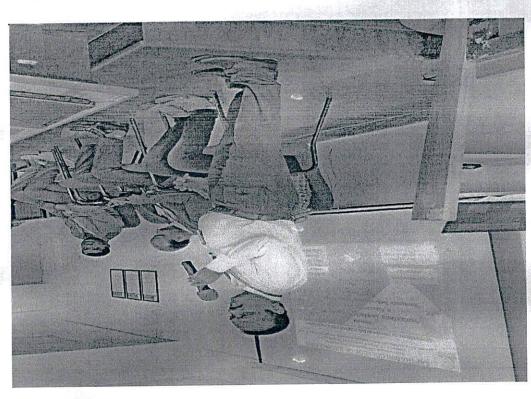


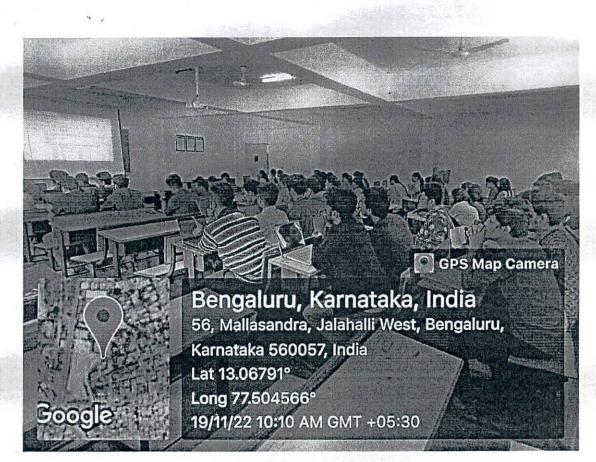
Dr. H R RANGANATHA PROF & HEAD, ISE

STAFF COORDINATORS Prof. GAYATHRI R Prof. AMBIKA S

Sapthagiri College of Engineering 14/5, Chikkasanara, Hesaraphatta Mein Ruad Bengaluru - 560 057 Principal Sapthagiri Collage of Engineering Iwis, Chikkasandra, Hasaraonata Main Poer Sengaluru - 560 067







Date of Submission: 2/12/2022

NOTE: All the Events should be in one PDF File.

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Signature of the HOD Dr H.R Ranganatna Prof. & H.O.D Dept.of Information Science & Engg Sapthagiri College of Engineerin # 14/5 Chikkasandra, Hesaraghatta San hoa PESICALURU-560 05

Principal Sapthagiri Cellege of Engineering 14/5, Chikkesendra, Hesereghetta Mein Rose Bengaluru - 566 657



#### SAPTHAGIRI COLLEGE OF ENGINEERING BENGALURU-560057 (An ISO 9001:2015 & ISO 14001:2015 Certified Institution) (Affiliated to VTU, Belagavi and approved by AICTE, New Delhi)

VTU, Belagavi<sup>\*</sup>and approved by AICTE, New Delhi) (Accredited by NAAC with "A" grade) (Accredited by NBA for ECE, CSE, ISE, ME, EEE) DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

## Monthly Event Report for the month of: Dec- 2022

#### **DEPARTMENT OF: Information science and Engineering**

*Type of Event/Activity	<ol> <li>Expert Talk</li> <li>Seminar</li> <li>Inauguration of AWS</li> </ol>
Name/Title of the Event / Activity	<ol> <li>Python Pocket Reference.</li> <li>Cloud Computing with AWS.</li> <li>Inauguration of AWS</li> </ol>
Date of Organization	1. 09-12-2022 2. 17-12-2022 3. 23-12-2022
Venue (with address)	1 .ISE- SEMINAR HALL 2. ISE-SEMINAR HALL 3. ISE-SEMINAR HALL
Organized by	Department of Information Science of Engineering
Dbjectives of the event/activity	<ol> <li>To educate students in Python Programming skills.</li> <li>To educate about Cloud Computing .</li> <li>To up skill the students to purse Global Certifications.</li> </ol>
Participants (Please attach list of participants, if it is organized/conducted in the dept.))	<ol> <li>1. 110 participants</li> <li>2. 105 participants</li> <li>3. 120 participants</li> </ol>
Mention organized /participated/attended	Department of ISE, Sapthagiri College of Engineering

Principal Sapthagiri College of Engineerin 14/5, Chikkesendre, Heseraghette Mein Road Bengeluru - 560 657

#### **Event Description:**

1. Department of ISE has organized a bridge course by on Topic- "Python Pocket Reference" under the banner of ISE forum. The talk was organized by the department of Information Science and Engineering. Dhanush of 3<sup>rd</sup> semester of Information Science and Engineering welcomed the gathering. The principal of Sapthagiri college of Engineering H Ramakrishna addressed the students and advice the students to be effective. The Head of the Department of Information Science and Engineering H R Ranaganatha addressed the student. The speaker of the topic is Prof.Ravi Kumar B Nwho is working in Computer Science and Engineering department of BMSIT& M college. He delivered the advanced programming concepts of PythonI to the students. In event About 110 students took part in the session and expressed satisfaction about the event.

2. Department of ISE has organized an hands-on session on Topic: "Cloud Computing with AWS" under the banner of ISE forum. The talk was organized by the department of Information Science and Engineering. Sukeerthi of 5<sup>th</sup> semester of Information Science and Engineering welcomed the gathering. The principal of Sapthagiri college of Engineering H Ramakrishna addressed the students and advice the students to be effective. The Head of the Department of Information Science and Engineering H R Ranaganatha addressed the student. The speaker of the topic is Mrs. Akshata Rammurthy data Engineer of SHELL. She delivered the core concept of Cloud computing & AWS to the students. In event About 105 students took part in the session and expressed satisfaction about the event.

3. Department of ISE has organized a Inauguration of AWS on Topic: "Inauguration of AWS"

under the banner of ISE. Navneeth of 5<sup>th</sup> semester of Information Science and Engineering welcomed the gathering. The event was organized by the department of Information Science and Engineering. The principal of Sapthagiri college of Engineering H Ramakrishna addressed the students and advice the students to be effective and do certification in AWS. The Head of the Department of Information Science and Engineering H R Ranaganatha addressed the student. He delivered the importance of AWS certifications to the students. In event About 120 students took part in the session and expressed satisfaction about the event.

> Principal Sapthagiri College of Engineering 14/5, Chikkaaandra, Hesarashatta Main Ros Pengaluru - 566 057

- (i) After every event, please take feedback (online/offline).
- (ii) At the end map PO's (with 3/2/1):

#### **EVENTS MAPPING:**

Events	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
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#### \*Type of Event / Activity:

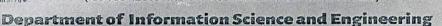
Workshop/**seminar**/conference/hackathon/hobby project/mini project/ Invited Talk/Guest Lecture/ Skillenhancement program/Cultural activity/competitions etc.,

#### **Event 1: Python Pocket Reference.**



#### SAPTHAGIRI COLLEGE OF ENGINEERING

AFFILIATED TO VTU, BELAGAVI, APPROVED BY AICTE, NEW DELHI (ACCREDITED BY NBA & NAAC WITH "A" GRADE) (ISO 9001:2015 AND 14001:2015 CERTIFIED INSTITUTION)



Organises an Hands-on Session on

#### **PYTHON POCKET REFERENCE**

Chief Patrons Sri G DAYANANDA S Chairman M

Sri G D MANOJ Managing Director

Venue:ISE Seminar Hall,SCE

Date: 09-12-2022 Time:10:30-AM-12:30 PM



Mr. Ravi Kumar B N Prof, CSE, BMSIT&M

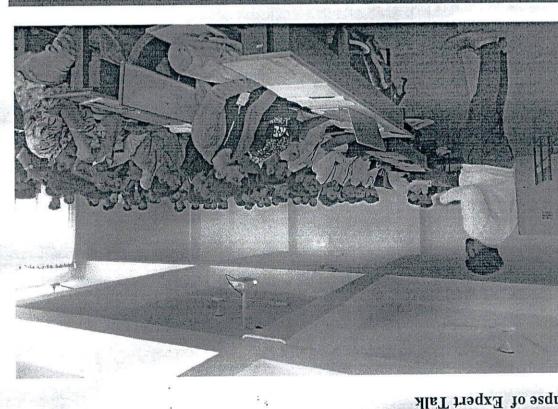
Prof. Priyanka MR Dr. H R Rangar Coordinator PROF & HEAD

Dr. H R Ranganatha Dr. H Ramakrishna PROF & HEAD,ISE PRINCIPAL



Principal Sapthagiri College of Engineering 14/5, Chikkesendre, Hesetaghette Main Fonc Benceluru - 560 057

Glimpse of Expert Talk



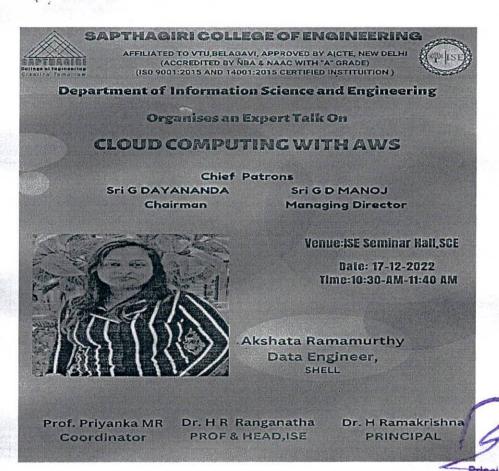


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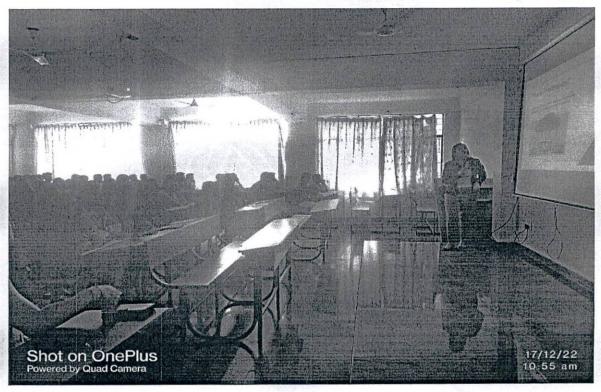
#### **Event 2: Cloud Computing with AWS**

Same in the



#### Glimpse of the Expert talk

Sapthagirl College of Engineering 14/5, Chikkasandra, Hesaraghatta Main Rowd Bengaluru - 560 057

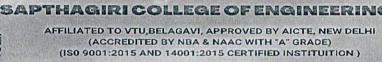


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**Event 3: Inauguration of AWS** 

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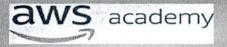
**Department of Information Science and Engineering** 

Organises

## INAUGURATION OF AWS ACADEMY PROGRAM

Chief Patrons Sri G DAYANANDA S Chairman Ma

Sri G D MANOJ Managing Director



Date: 23-12-2022 Time:9:30 AM-10:30 AM

> Dr. H R Ranganatha PROF & HEAD,ISE AWS- CPOC

Venue:ISE Seminar Hall,SCE

> Dr. H Ramakrishna PRINCIPAL

> > Principal Sapthagiri College of Engineerinc 14/5, Chikkasandra, Hesarashatta Main Roar Bengaluru - 560 057

#### Glimpse of Inauguration of AWS



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Date of Submission: 2/1/2023

NOTE: All the Events should be in one PDF

Principal Sapthagid College of Engineering 14/5, Chikkasandra, Hesaraghetia Main Road Bengeluru - 560 057 H & Rount

Signature of the HOD Dr H.R Ranganauna Prof. & H.O.D Dept.of Information Science & Engg. Sapthagiri College of Engineering # 14/5 Chikkasandra, Hesaraghatta Main Roac BENGALURU-560 05;



## SAPTHAGIRI COLLEGE OF ENGINEERING

BENGALURU-560057 ( An ISO 9001:2015 & ISO 14001:2015 Certified Institution) (Affiliated to VTU, Belagavi and approved by AICTE, New Delhi) (Accredited by NAAC with "A" grade) (Accredited by NBA for ECE, CSE, ISE, ME, EEE)

**DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING** 



## Monthly Event Report for the month of: Mar- 2023

#### **DEPARTMENT OF: Information science and Engineering**

*Type of Event/Activity	<ol> <li>Mini Project</li> <li>Bridge Course</li> <li>Seminar on Azure</li> </ol>
Name/Title of the Event / Activity	<ol> <li>Mini Project- Aavishkar</li> <li>Bridge Course on AWS Cloud Computing and 6<sup>th</sup> sem Prerequisite.</li> <li>Introduction to cloud computing &amp; MS-AZURE</li> </ol>
Date of Organization	1. 03-03-2022 2. 24-03-2023 3. 29-03-2023
Venue (with address)	1. ISE-SEMINAR HALL 2. ISE-SEMINAR HALL 3. ISE-SEMINAR HALL
Organized by	Department of Information Science of Engineering
Dbjectives of the event/activity	<ol> <li>To exhibit their technical as well as presentation skills.</li> <li>To educate about on AWS Cloud Computing and</li> <li>To educate about cloud computing &amp; M/S-AZURE</li> </ol>
Participants (Please attach list of participants, if it is organized/conducted in the dept.))	<ol> <li>1. 110 participants</li> <li>2. 115 participants</li> <li>3. 110 participants</li> </ol>
Mention organized /participated/attended	Department of ISE, Sapthagiri College of Engineering

Principal Sapthagiri College of Engineering 14/5, Chikkesendra, Hesaraphaka Main Reed Bengaluru - 566 657

#### **Event Description:**

1. Department of ISE has organized a An Event "Avishkar" Mini Project Exhibition has been organized by the Department of ISE on 03-03-2023 to exhibit projects implemented by students of 3<sup>rd</sup> semester. The event has begun with welcome address by Prof Swetha K B, Assistant Professor, Dept of ISE, SCE where she welcomed the chief patrons Sri G Dayanand, Chairman, SCE and Sri G D Manoj, Managing Director, SCE for their continuous support in organising any event. She welcomed Guest of Honour Dr K S Venkateshappa, Administrative officer, SCE, Dr H Ramakrishna, Principal, SCE, Dr H R Ranganatha, HOD, ISE, HOD's of various department, faculty members and students. Juries and other audience along with the invitees have taken the rounds and visited each of the groups and interacted with students.

2 Department of ISE has organized a bridge course by on Topic- "Enhancing Technical skills in AWS Cloud Computing "under the banner of ISE forum. The resource persons of the Bridge course has delivered hands-on sessions on programming languages like Java, SQL and Java scripts to make use of the opportunity to enhance and enrich knowledge and skills in the area of cloud computing. In event About 115 students took part in the session and expressed satisfaction about the event.

3. Department of ISE has organized expert session on Topic: "Introduction to cloud computing & MS-AZURE" under the banner of ISE forum. The talk was organized by the department of Information Science and Engineering. Navneeth of 6<sup>th</sup> semester of Information Science and Engineering welcomed the gathering. The principal of Sapthagiri college of Engineering H Ramakrishna addressed the students and advice the students to be effective. The Head of the Department of Information Science and Engineering H Ranaganatha addressed the student. The speaker of the topic is Mr. Sunil Kumar S D . He delivered the core concept of cloud computing & importance of doing Azure certifications & motivated students to do In event About 110 students took part in the session and expressed satisfaction about the event.

Principal Sapthagiri College of Engineering 14/5, Chikkasandra, Hesarachatie Main Bene (i) After every event, please take feedback (online/offline).

(ii) At the end map PO's (with 3/2/1):

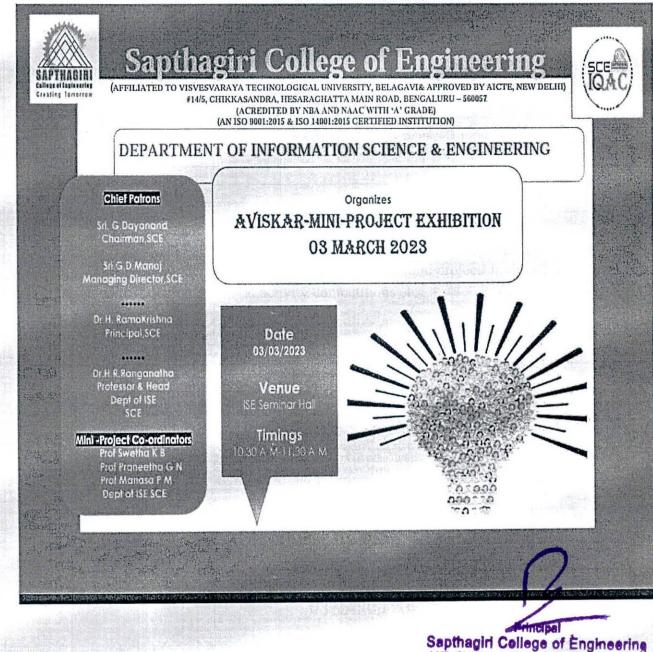
#### **EVENTS MAPPING:**

Events	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
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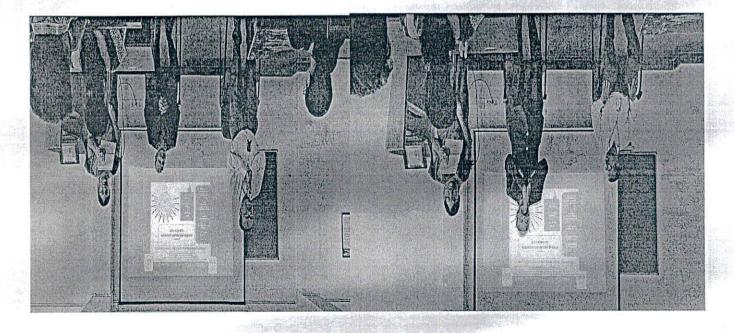
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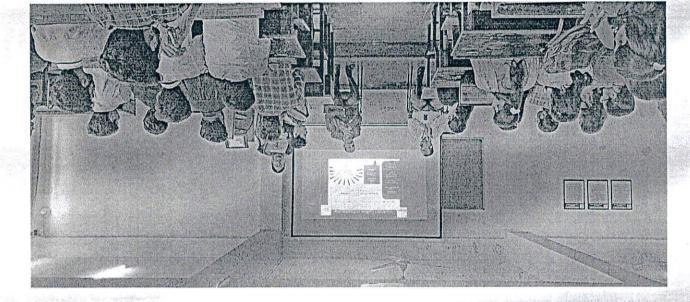
Workshop/seminar/conference/hackathon/hobby project/mini project/ Invited Talk/Guest Lecture/ Skillenhancement program/Cultural activity/competitions etc.,

#### Event 1: Mini Project- Aavishkar



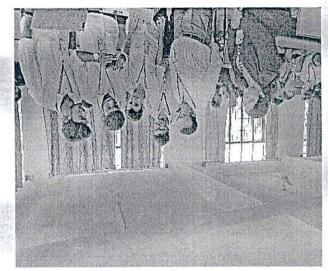
14/5, Chikkasandra, Hosaraghatia Main Read Bengaluru - 560 857







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Event 2: Bridge Course on AWS Cloud Computing & 6th Sem Prerequisite.

SL.	DATE	8:30 am – 10:30 am	11:00 am to 12:40 pm
1.	20-03-23	Cloud Computing Fundamentals, AWS global infrastructure and certification	Introduction to AWS services EC2, VPC and subnet.
		[Prof. Nandini Gowda P]	[Prof. Nandini Gowda P]
2.	21-03-23	Introduction to AWS database services	Introduction to storage services S3 and
		RDS.[Prof. Nandini Gowda P]	EBS.[Prof. Nandini Gowda P]
3.	23-03-23	Prerequisite to MAD Lab	Prerequisite- File Structures
		[Prof. Veena D]	[Prof. Priyanka MR]
4.	24-03-23	Prerequisite- Software Testing	Prerequisite- Web Technology
		[Prof. Chaitanya V]	[Prof. Ramya R]

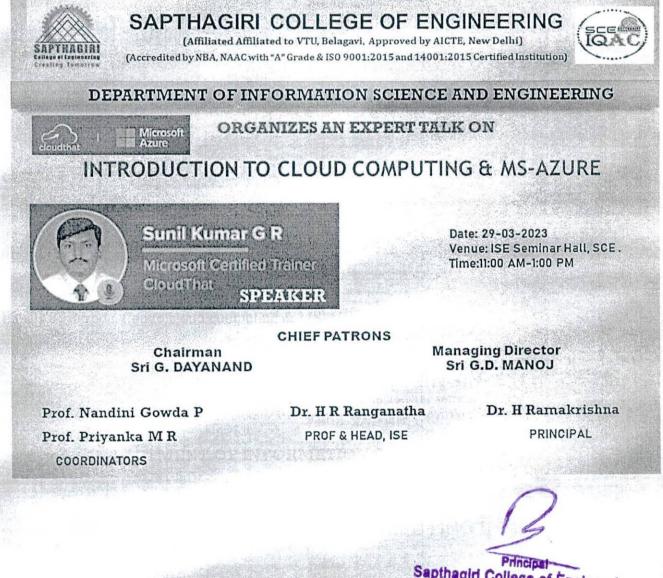
BRIDGE COURSE Time Table from 20-03-23 to 24-03-23



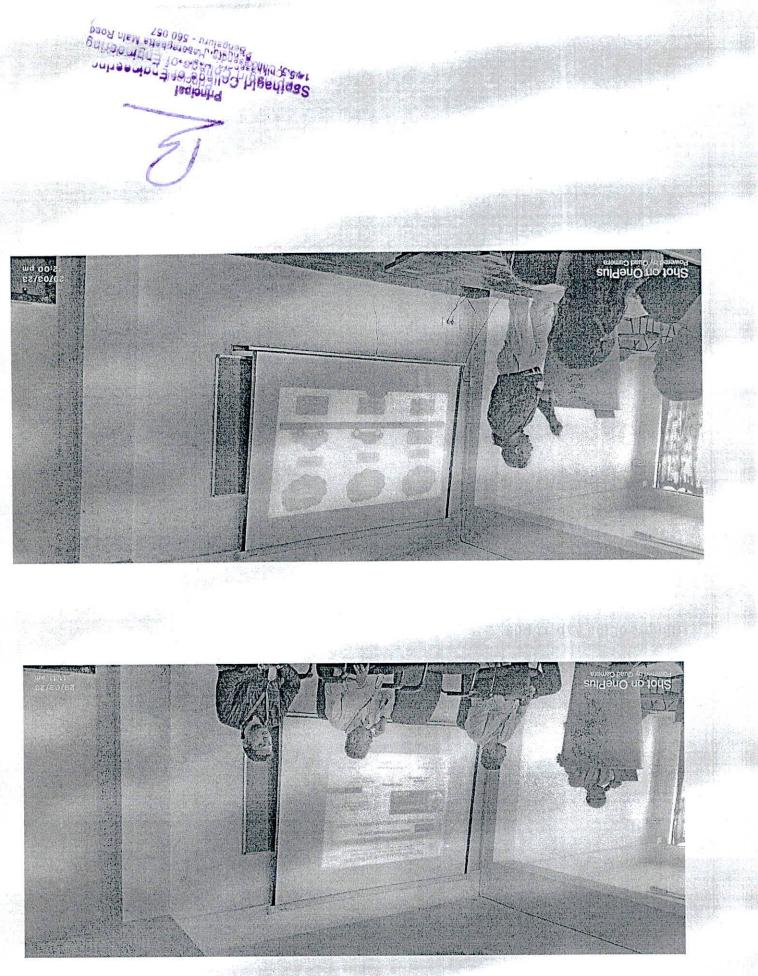
Principal Sapthagiri College of Engineering 14/5, Chilkasandra, Heeeraghafte Main Road Bengaluru - 566 057



Event 3: Introduction to cloud computing & MS-AZURE



Sapthagiri College of Engineering 14/5, Chikkasendra, Hesereghatta Main Reac Bengaluru - 560 057



Glimpse of the Expert talk



Date of Submission: 2/4/2023

NOTE: All the Events should be in one PDF File.

Signature of the HOD Dr H.R Ranganatha Prof. & H.O.D Dept.of Information Science & Engg Sapthagiri College of Engineering # 14/5 Chikkasandra, Hesaraghatta festin number BENGALURU-580 115

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## SAPTHAGIRI COLLEGE OF ENGINEERING

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## **DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING**

## Event Report for the month of: Jul & Aug- 2023

## **DEPARTMENT OF: Information science and Engineering**

*Type of Event/Activity	<ol> <li>Workshop</li> <li>Expert Talk on AI &amp; ML</li> </ol>
Name/Title of the Event / Activity	1. Innovative Design Thinking 2. Expert Talk on AI & ML
Date of Organization	1. 26th to 27th July 2023 2. 07-08-2023
Venue (with address)	1. ISE-SEMINAR HALL 2. ISE-SEMINAR HALL
Organized by	Department of Information Science of Engineering
Dbjectives of the event/activity	<ol> <li>To educate students in Innovation and Design Thinking.</li> <li>To educate about on AI &amp; ML.</li> </ol>
Participants (Please attach list of participants, if it is organized/conducted in the dept.))	<ol> <li>1. 110 participants</li> <li>2. 115 participants</li> </ol>
Mention organized /participated/attended	Department of ISE, Sapthagiri College of Engineering



#### **Event Description:**

1. A Two days Workshop on Innovative Design Thinking has been organized by the Department of Information Science Engineering and Computer Science Engineering, for the First-Year students of ISE and CSE in order to inculcate Innovative Thinking and to offer Hands-on Training in Innovative Design Thinking (IDT).

On the Day 1 workshop has begun with inauguration function and inaugurated by the Chief Guest Prof.Pooja of RV Institute of Management, Bangalore. Inaugural function began with invocation rendered by Vaishnavi and Team, Welcomed by Supreeth. Welcome speech followed by lighting the lamp to mark the occasion.

The Principal H R Ramakrishna in his address, he explains the importance of design thinking in the curriculum adopted by VTU, Belgaum Dr.H R Ranganatha HOD, Dept. Of ISE, and convener of the workshop gave the comprehensive picture of IDT. In his speech, he gave the brief history and importance of IDT, which not confined to one field or one domain. However, it is for all right from the domestic application like cleaning toilets to the sophisticated operations like Airline Booking and urged students to make use of the opportunity to the core and thereby to offer Tailor made solution to the needy, applying the concepts, which has been already taught in the Classroom. The Chief Guest of the occasion Prof. Pooja, has given complete information about how workshop being conducted, what problems are given and how to go about these. In her speech, she explained all the importance of stages in IDT like Empathise, Define, Ideate, Prototype and Testing By Inaugural occasion concluded with Vote of Thanks proposed by Ankitha Team members from RVIM, which includes Mrs.Shubha, Ms. Pooja Vallur, Mr. Shashank, and Ms.Poornima, took the students to the respective venue and about 24 Batches have been formed, and each batch has been assigned with unique problem mostly on the basis of Environmental issues. Problem based day to day and societal issues. Each batch has undergone all the five stages of IDT and End of the session student offered solutions of their own in accordance with the problem given by the team members. During this course of learning students had got an Hands-on experience about IDT and different batches could offer the solutions through their paper cut

Principal Sapthagiri College of Engineering 5, Chikkasandra, Hesaraghatta Main Roar Bengaluru - 560 057

prototype model and students expressed their satisfaction about the workshop and also requested the Department and College to organise such useful events in the coming days At the end of the workshop on 2<sup>nd</sup> day valedictory function has been organised, Winning team have been distributed with the certificates and students also expressed their opinion and gave their valuable feedback.

2. Department of Information science and engineering has organized a seminar session on AI is & cloud computing. The occasion began with a formal introduction and welcome address where Sharath Kumar of 4th Sem B welcomed the gathering and session was coordinated by prof Manasa, prof Suma & Prof Roopa K.T, Dr. H. R. Ranganatha prof, Hod of ISE in his address gave brief information about importance of AI & cloud computing in today's scenario. He urged students and faculty members to make use of the opportunity and to upgrade & enhance the knowledge AI & cloud computing. & Informed to make use of opportunity to the core.

Mr. Vivek Kumar of "Cloud-That" of Bangalore gave the detailed information and discussed about Artificial Intelligence & its applications & latest development in field of AI. A session was very interacting students aroused many queries and could get clarification about how AI is being used & applied further benefit of human kind. He Emphasized that there is no fear about the application development happening with AI. instead, AI is going to play very vital role in solving the problems, faced by community.

Mr. Vivek Kumar also talked about cloud computing later he also told that not only professionals & Engineers. & It is for all domain like Agriculture, Weather, health care systems, calamities, management domestic etc.

Mr. Manoranjan from Same "Cloud-that" consulted quiz about topics like AI ML and Cloud Computing. In groups the quiz session was so interesting and helped students to think innovatively to answer. Every winning team has been rewarded with attractive rewards in the end.

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- (i) After every event, please take feedback (online/offline).
- (ii) At the end map PO's (with 3/2/1):

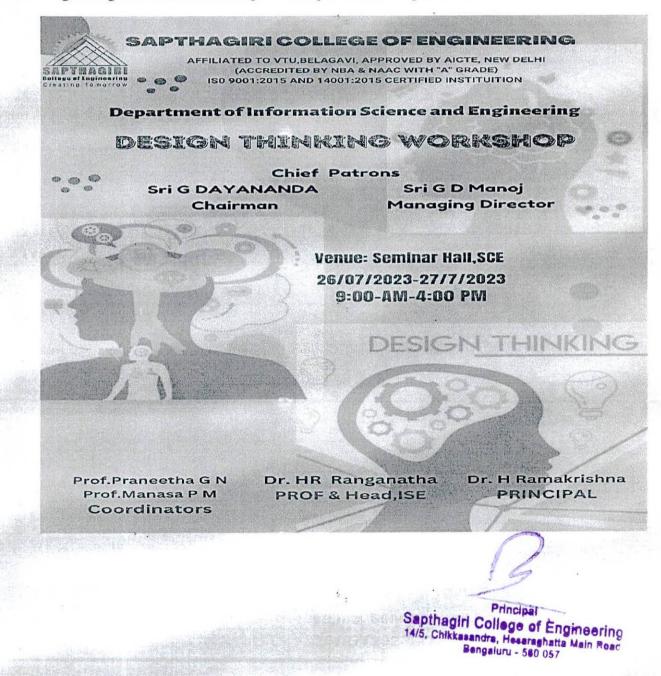
## EVENTS MAPPING:

Events	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
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## \*Type of Event / Activity:

Workshop/**seminar**/conference/hackathon/hobby project/mini project/ Invited Talk/Guest Lecture/Skill enhancement program/Cultural activity/competitions etc.,

Event 1: Organizing Innovation and Entrepreneurship Outreach Program in Schools





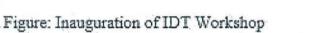




Figure: Lighting the Lamp

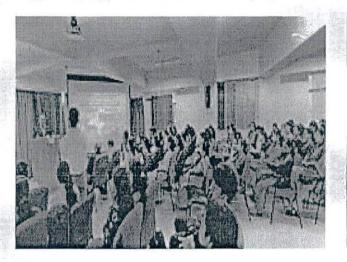


Figure:Dr. H R Ranganath HOD ISE addressing gathering

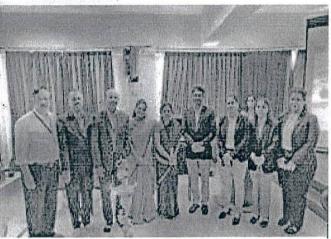


Figure: Resource Team from RVIM



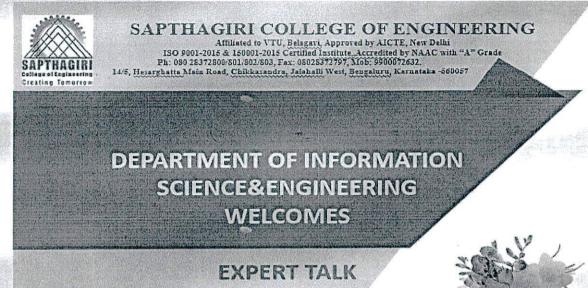
Figure: Resource Team from RVIM

Figure: Resource Person Prof. Pooja addressing students

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

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#### Event 2: Expert Talk on AI & ML



# ON AI and MACHINE LEARNING

## Glimpse of the Expert talk



Dr H R Ranganatha, Head of the department, Information Science and Engineering is addressing the students regarding the session.

Date of Submission: 8/8/2023

Sapthagiri College of Engineering 14/5, Chikkasandra, Hesarashatis Vain Read Bengaluru - 560 USr

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Signature of the HOD Dr H.R Ranganatha Prof. & H.O.D Dept.of Information Science & Engg. Sapthagiri College of Engineering # 14/5 Chikkasandra, Hesaraghatta Main Road BENOALURU-561 051



## STUDENTS LIST

Branch: ISE

Semester: 1 A

SL No	USN	Name		
1	1SG221S001	ADITHI CHINIVAR S		
2	1SG22IS002	ADITHI SREENATH		
3	1SG22IS003	ADITHYA H S		
4	1SG22IS004	ADITYANARAYAN SHELKE		
5	1SG22IS005	AHALYA K		
6	1SG22IS006	AMRUTHA R		
7	1SG22IS007	ANKITHA B R		
8	1SG22IS008	ARIHANT SUKESH		
9	1SG221S009	ARPITHA C		
10	1SG22IS010	AYMAN RAIS		
11	ISG22IS011	BHAGYASHREE		
12	1SG22IS012	CHAITRA R		
13	1SG22IS013	CHETHAN BN		
14	1SG22IS015	CHETHAN PRABHU GOUDA YALAWAR		
15	1SG22IS017	CHITRASHREE A S		
16	1SG22IS018	DARSHAN GOWDA B K		
17	1SG22IS019	DARSHAN K P		
18	1SG22IS020	DARSHAN V		
19	1SG22IS021	DAYANANDA K S		
20	1SG22IS022	DEEKSHITHA S <u>R</u>		
21	1SG22IS023	DHAKSHATHA C		
22	1SG221S024	DHANANJAY L RATHOD		
23	1SG22IS025	DHANUSH K		
24	1SG22IS026	DHANYA D S		
25	1SG22IS027	DHANYASHREE S		
26	1SG22IS028	DRUSHYA NANAIAH		
27	1SG22IS030	GAGAN GOWDA D		

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58	1SG22IS061	MOUNA N MURTHY
59	1SG22IS062	NAGENDRA S
60	1SG22IS063	NIHARIKA A S
61	1SG22IS064	NISARGA SHRIDHAR NAIK
62	1SG22IS065	P LOHITH

**Branch: ISE** 

Semester:1B

SL No	USN	Name
1	1SG22IS066	PALLAVI S
2	1SG22IS067	PAVANKUMAR B
3	1SG22IS068	POORVI P PUTHRAN
4	1SG22IS069	PRAGATHI PRASANNA KONDAGULI
5	ISG221S070	PRAJNA M
6	ISG22IS071	PRAJWAL I PÅTEL
7	1SG221S072	PRAVEEN C YADAV
8	1SG22IS029	PRAVITH G
9	1SG22IS073	PRAYUKTHA G
10	1SG22IS074	PRUTHVI GOWDA K
11	1SG22IS075	RAKSHA Ş
12	1SG22IS078	RAKSHITH T M
13	1SG22IS079	RAKSHITHA A
14	1SG22IS080	RAKSHITHA B
15	1SG22IS081	RANGANATH R
16	ISG22IS083	REVANTH GOWDA P
17	1SG22IS084	RIYA DEVI
18	1SG221S085	ROOPA B
19	1SG22IS086	ROSHAN A MULGUND

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50	1SG22IS119	VARUN RAHUL KHARVI
51	1SG22IS120	VATHSALYA B
52	1SG22IS121	VENKATESH.M.T
53	1SG22IS122	VISHWAS R
54	1SG22IS123	YASHAS K
55	1SG22IS124	YASHASWINI.M
56	1SG22IS125	YASHWANTH K
57	1SG22IS077	RAKSHITHA R
58	ISG22IS082	REVANTH D
59	1SG22IS102	SHUBHA B R
60	1SG22IS076	RAKSHITH DEVANG
61	1SG22IS016	CHIRANGJEEVI AHIRAM
62	1SG22IS014	CHETAN M
63	1SG22IS116	VARDHAN B HEGDE

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Dr H.RHODanganatha Prof. & H.O.D Dept.of Information Science & En Sapthagini College of Engine-# 14/5 Chickasandra, Hesaraghatta Hen BENGALURU-560 05.7

Principal Sapthagiri College of Engineering 1415, Childreendra, Howerschatta Mein Flord Bengeluru - 580 057

COORDINATOR



### SAPTHAGIRI COLLEGE OF ENGINEERING BENGALURU-560057

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**DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING** 

## Event Report for the month of: Jul & Aug- 2023

## **DEPARTMENT OF: Information science and Engineering**

*Type of Event/Activity	<ol> <li>Workshop</li> <li>Expert Talk on AI &amp; ML</li> </ol>		
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Mention organized /participated/attended	Department of ISE, Sapthagiri College of Engineering		



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Principal apthagiri College of Engineering

5, Chikkasandra, Hesaraghatta Main Ros Bengeluru - 560 057

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(i) After every event, please take feedback (online/offline).

(ii) At the end map PO's (with 3/2/1):

## EVENTS MAPPING:

Events	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
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## \*Type of Event / Activity:

Workshop/**seminar**/conference/hackathon/hobby project/mini project/ Invited Talk/Guest Lecture/Skill enhancement program/Cultural activity/competitions etc.,

Event 1: Organizing Innovation and Entrepreneurship Outreach Program in Schools

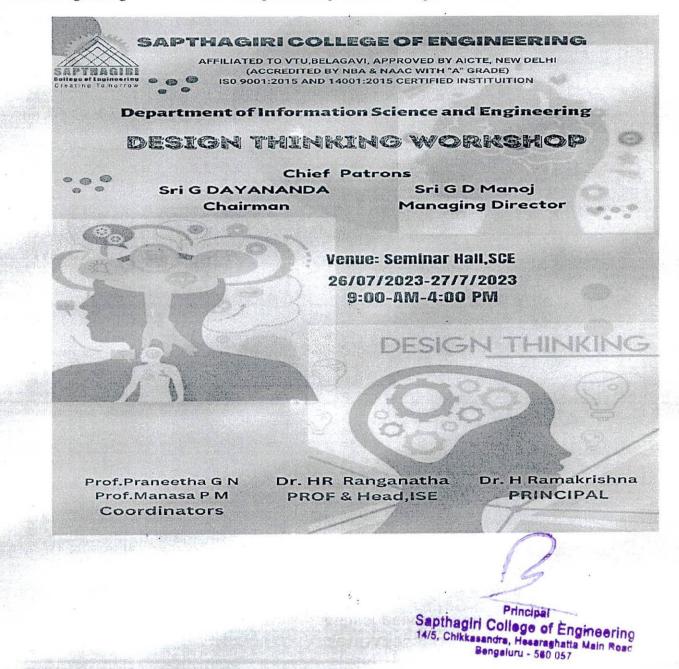




Figure: Inauguration of IDT Workshop



Figure: Lighting the Lamp



Eigure: Dr. H R Ranganath HOD ISE addressing gathering



Figure: Resource Team from RVIM



Figure: Resource Team from RVIM

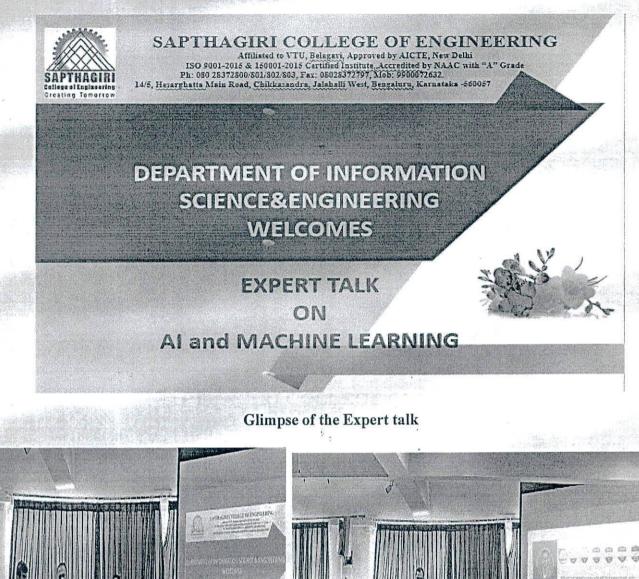


Figure: Resource Person Prof. Pooja addressing students



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## Event 2: Expert Talk on AI & ML



Dr H R Ranganatha, Head of the department, Information Science and Engineering is addressing the students regarding the session.

Date of Submission: 8/8/2023

Sapthagiri College of Engineering 14/5, Chikkasandra, Hesarachatta Viain Read Bengaluru - 560 US;

Signature of the HOD Dr H.R Ranganatna Prof. & H.O.D Dept.of Information Science & Engg. Sapthagiri College of Engineering # 14/5 Chikkasandra, Hesaraghatta Main Road BEMOALURU-561 051

AARONN



## STUDENTS LIST

Branch: ISE

Semester: 1 A

SL No	USN	Name		
1	1SG221S001	ADITHI CHINIVAR S		
2	1SG22IS002	ADITHI SREENATH		
3	1SG22IS003	ADITHYA H S		
4	1SG22IS004	ADITYANARAYAN SHELKE		
5	1SG22IS005	AHALYA K		
6	1SG22IS006	AMRUTHA R		
7	1SG22IS007	ANKITHA B R		
8	1SG22IS008	ARIHANT SUKESH		
9	1SG221S009	ARPITHA C		
10	1SG22IS010	AYMAN RAIS		
11	1SG22IS011	BHAGYASHREE		
12	1SG22IS012	CHAITRA R		
13	1SG221S013	CHETHAN BN		
14	1SG22IS015	CHETHAN PRABHU GOUDA YALAWAR		
15	1SG22IS017	CHITRASHREE A S		
16	1SG22IS018	DARSHAN GOWDA B		
17	1SG22IS019	DARSHAN K P		
18	1SG22IS020	DARSHAN V		
19	1SG22IS021	DAYANANDA K S		
20	ISG22IS022	DEEKSHITHA S R		
21	ISG22IS023	DHAKSHATHA C		
22	1SG22IS024	DHANANJAY L RATHOD		
23	1SG221S025	DHANUSH K		
24	1SG22IS026	DHANYA D S		
25	1SG22IS027	DHANYASHREE S		
26	1SG22IS028	DRUSHYA NANAIAH		
27	1SG22IS030	GAGAN GOWDA D		

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58	1SG22IS061	MOUNA N MURTHY
59	1SG22IS062	NAGENDRA S
60	1SG22IS063	NIHARIKA A S
61	1SG221S064	NISARGA SHRIDHAR NAIK
62	1SG22IS065	P LOHITH

Branch: ISE

Semester:1B

SL No	USN	Name
1	1SG22IS066	PALLAVI S
2	1SG22IS067	PAVANKUMAR B
3	1SG22IS068	POORVI P PUTHRAN
4	1SG221S069	PRAGATHI PRASANNA KONDAGULI
5	ISG221S070	PRAJNA M
6	1SG22IS071	PRAJWAL I PÁTEL
7	1SG22IS072	PRAVEEN C YADAV
8	1SG22IS029	PRAVITH G
9	1SG22IS073	PRAYUKTHA G
10	1SG221S074	PRUTHVI GOWDA K
11	1SG22IS075	RAKSHA Ş
12	1SG22IS078	RAKSHITH T M
13	1SG22IS079	RAKSHITHA A
14	1SG22IS080	RAKSHITHA B
15	1SG221S081	RANGANATH R
16	1SG22IS083	REVANTH GOWDA P
17	1SG22IS084	RIYA DEVI
18	1SG22IS085	ROOPA B
19	1SG22IS086	ROSHAN A MULGUND

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50	1SG22IS119	VARUN RAHUL KHARVI						
51	1SG22IS120	VATHSALYA B						
52	1SG22IS121	VENKATESH.M.T						
53	1SG22IS122	VISHWAS R						
54	1SG22IS123	YASHAS K						
55	1SG22IS124	YASHASWINI.M						
56	1SG22IS125	YASHWANTH K						
57	1SG22IS077	RAKSHITHA R						
58	1SG22IS082	REVANTH D						
59	1SG22IS102	SHUBHA B R						
60	1SG22IS076	RAKSHITH DEVANG						
61	1SG22IS016	CHIRANGJEEVI AHIRAM						
62	1SG22IS014	CHETAN M						
63	1SG22IS116	VARDHAN B HEGDE						

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Dr H.RHODanganatha Prof. & H.O.D Dept.of Information Science & En-Sapthagiri College of Engine-# 14/5 Chikkasandra, Hesaraghatta Men.... BENGALURU-560 05.2

Principal Sapthagiri College of Engineering 1415, Childesendra, Paserachana Mein Ford Bengeluru - 560 457

COORDINATOR



#### SAPTHAGIRI COLLEGE OF ENGINEERING BENGALURU-560057

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**DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING** 

## Monthly Event Report for the month of: Oct- 2022

### **DEPARTMENT OF: Information science and Engineering**

*Type of Event/Activity	1.Bridge Course						
	2.Expert Talk						
Name/Title of the Event / Activity	<ol> <li>Enhancing Programming skills in C++ &amp; Java.</li> <li>Security aspects in Financial Transactions using Blockchain Technology.</li> </ol>						
Date of Organization	1. 10–10-2022 to 15-10-2022 2. 19-10-2022						
Venue (with address)	1 .ISE- SEMINAR HALL 2. ISE-SEMINAR HALL						
Organized by	Department of Information Science of Engineering						
Dbjectives of the event/activity	<ol> <li>To educate students in Programming Language.</li> <li>To educate about Blockchain Technology.</li> </ol>						
Participants (Please attach list of participants, if it is organized/conducted in the dept.))	<ol> <li>1. 110 participants</li> <li>2. 120 participants</li> </ol>						
Mention organized /participated/attended	Department of ISE, Sapthagiri College of Engineering						

#### **Event Description:**

1. Department of ISE has organized a bridge course by on Topic- "Enhancing Programming skills in C++ & Java "under the banner of ISE forum. The resource persons of the Bridge course has delivered handson sessions on programming languages like C++ & Java to make use of the opportunity to enhance and enrich knowledge and skills in the area of computing. In event About 110 students took part in the session and expressed satisfaction about the event.

2. Department of ISE has organized a seminar on Topic: "Security aspects in Financial Transactions using Blockchain Technology." under the banner of ISE forum. The talk was organized by the department of Information Science and Engineering. Chaitra T P of 7th semester of Information Science and Engineering welcomed the gathering. The principal of Sapthagiri college of Engineering H Ramakrishna addressed the students and advice the students to be effective. The Head of the Department of Information Science and Engineering H R Ranaganatha addressed the student. The speaker of the topic is Dr S Geetha who is working in Computer Science and Engineering department of BNMIT college. She delivered the core concept of Block chain to the students. In event About 120 students took part in the session and expressed satisfaction about the event.

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Engineering

(i) After every event, please take feedback (online/offline).

(ii) At the end map PO's (with 3/2/1):

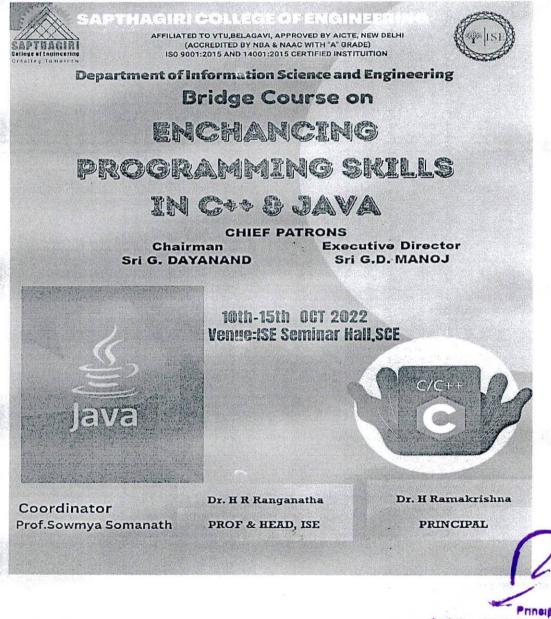
## **EVENTS MAPPING:**

Events	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
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## \*Type of Event / Activity:

Workshop/**seminar**/conference/hackathon/hobby project/mini project/ Invited Talk/Guest Lecture/ Skillenhancement program/Cultural activity/competitions etc.,

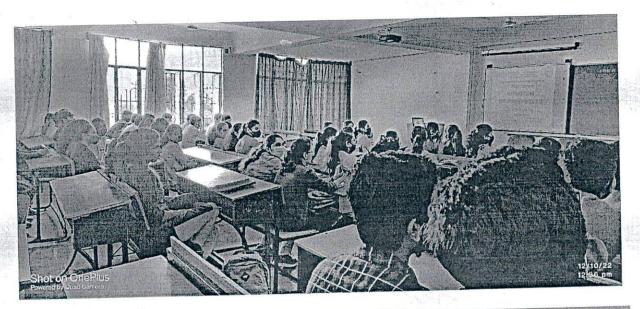
Event 1: Bridge Course- Enhancing Programming skills in C++ & Java.



Principal Sapthagiri College of Engineering 14/5, Chikksendra, Hesersghatte Mein Roëd Bengeluru - 560 657

## Glimpse of Bridge Course sessions

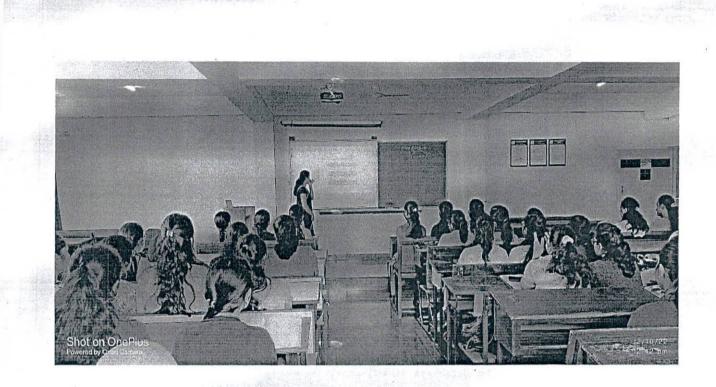




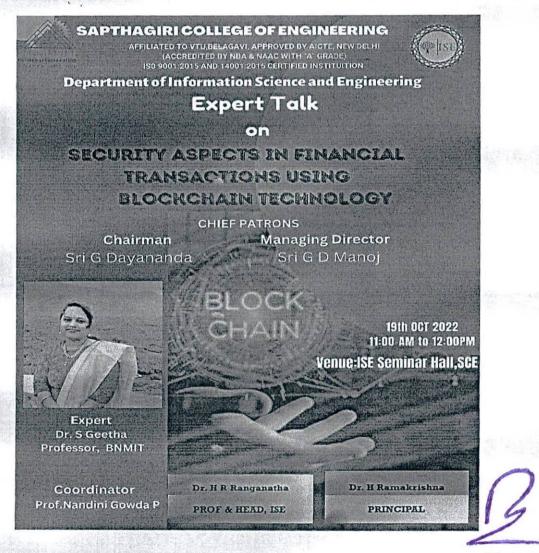


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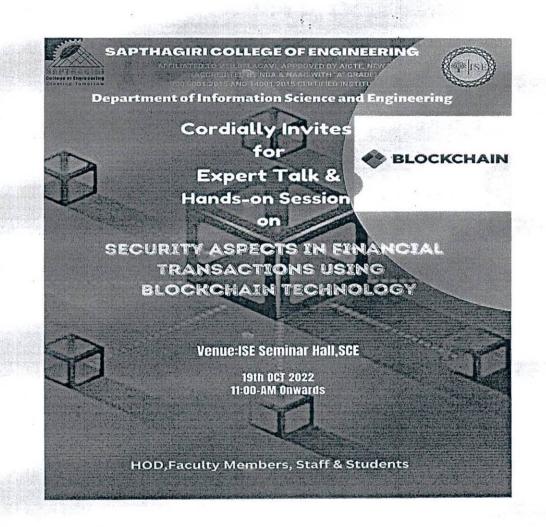
Principia Sapthagiri College of Enghisering 14/5, Chikkasandra, Heseraghatta Main Road Bengaluru - 560 057



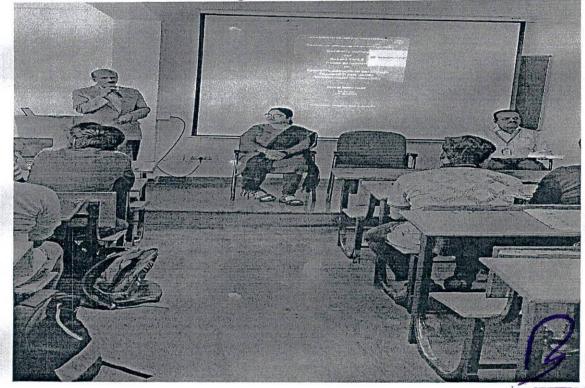
Event 2: Expert Talk- Security aspects in Financial Transactions using Blockchain Technology.



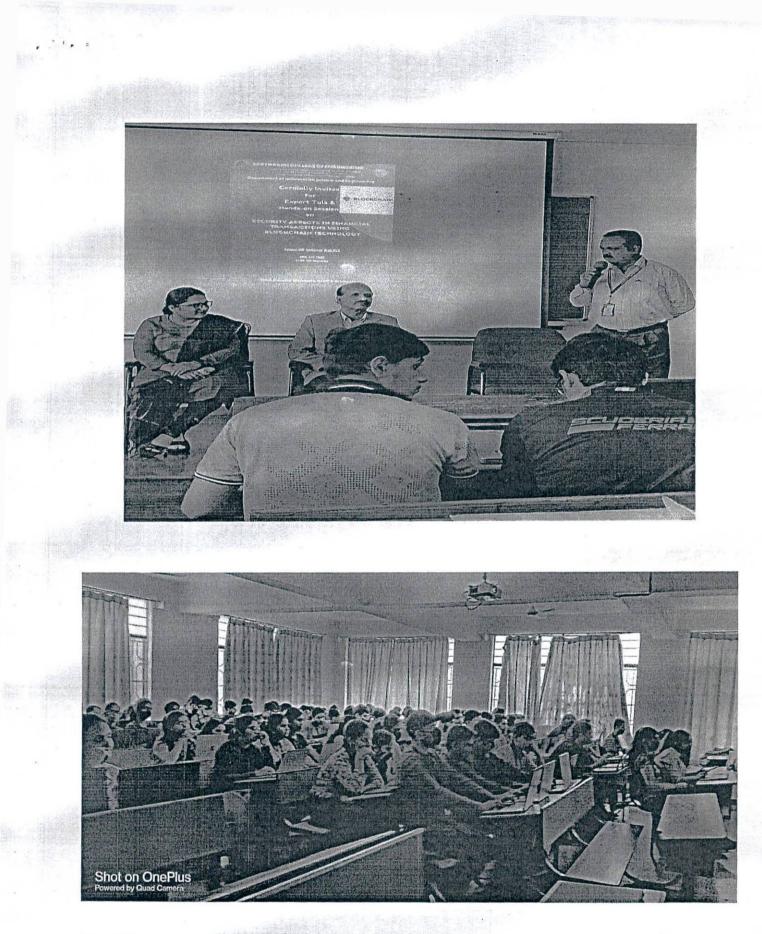
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## Glimpse of the Expert talk



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Date of Submission: 2/11/2022

NOTE: All the Events should be in one PDF File

Sapthagiri Celluge et Lightantinn 14/5, Chikkesendra, Hesereghatta Main Read Bongaluru - 560 857 HR Rout Signature of the HOD

Dr H.R Ranganatha Prof. & H.O.D Dept.of Information Science & Engg Sapthagiri College of Engineering # 14/5 Chikkasandra, Hesaraghata bian Roat BENGALURU-560 (# 1



#### SAPTHAGIRI COLLEGE OF ENGINEERING BENGALURU-560057 ( An ISO 9001:2015 & ISO 14001:2015 Certified Institution) (Affiliated

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**DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING** 

## Monthly Event Report for the month of: Nov- 2022

## **DEPARTMENT OF: Information science and Engineering**

*Type of Event/Activity	<ol> <li>Expert Talk</li> <li>Hands –on Session</li> <li>Hackathon on Machine Learning</li> </ol>						
Name/Title of the Event / Activity	<ol> <li>Problem Solving in AI using search Techniques.</li> <li>WEB 3.0 Awareness Program.</li> <li>Hackathon</li> </ol>						
Date of Organization	1. 10-11-2022 2. 18-11-2022 3. 19-11-2022						
Venue (with address)	1 .ISE- SEMINAR HALL 2. ISE-SEMINAR HALL 3. ISE-SEMINAR HALL						
Organized by	Department of Information Science of Engineering						
Objectives of the event/activity 3	<ol> <li>To educate students in Problem Solving in AI.</li> <li>To educate about WEB 3.0 Awareness Program.</li> <li>To up skill the programming Knowledge.</li> </ol>						
Participants (Please attach list of participants, if it is organized/conducted in the dept.))	<ol> <li>1. 120 participants</li> <li>2. 115 participants</li> <li>3. 110 participants</li> </ol>						
Mention organized /participated/attended	Department of ISE, Sapthagiri College of Engineering						



#### **Event Description:**

1. Department of ISE has organized a bridge course by on Topic- "Problem Solving in AI using search Techniques" under the banner of ISE forum. The talk was organized by the department of Information Science and Engineering. Chaitra T P of 7th semester of Information Science and Engineering welcomed the gathering. The principal of Sapthagiri college of Engineering H Ramakrishna addressed the students and advice the students to be effective. The Head of the Department of Information Science and Engineering H R Ranaganatha addressed the student. The speaker of the topic is Dr Anitha N who is working in Computer Science and Engineering department of BNMIT college. She delivered the core concept of AI to the students. In event About 120 students took part in the session and expressed satisfaction about the event.

2. Department of ISE has organized an hands-on session on Topic: "WEB 3.0 Awareness Program." under the banner of ISE forum. The talk was organized by the department of Information Science and Engineering. Dhanush of 3rd semester of Information Science and Engineering welcomed the gathering. The principal of Sapthagiri college of Engineering H Ramakrishna addressed the students and advice the students to be effective. The Head of the Department of Information Science and Engineering H R Ranaganatha addressed the student. The speaker of the topic is Mr. Anantha Krishnan who is a founder of SARVA Labs. He delivered the core concept of Web 3.0 to the students. In event About 110 students took part in the session and expressed satisfaction about the event.

3. Department of ISE has organized a Hackathon on Topic: "Hackathon on Machine Learning" under the banner of ISE & Karunadu Technologies. The event was organized by the department of Information Science and Engineering. The principal of Sapthagiri college of Engineering H Ramakrishna addressed the students and advice the students to be effective. The Head of the Department of Information Science and Engineering H R Ranaganatha addressed the student. He delivered the importance of Hackathon to the students. In event About 110 students took part in the session and expressed satisfaction about the event.

Principel Sapthagiri College of Engineering 14/5, Chikkasandra, Hesaraghatta Main Read Bengaluru - 580 657

- (i) After every event, please take feedback (online/offline).
- (ii) At the end map PO's (with 3/2/1):

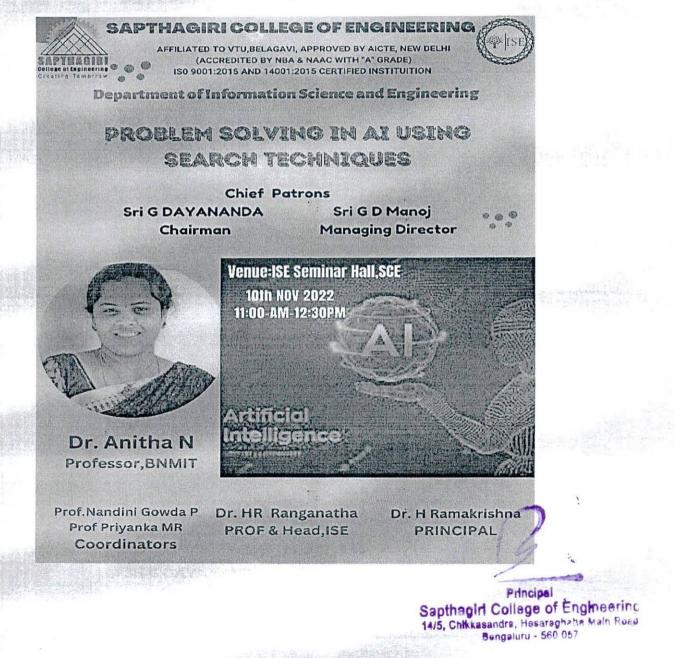
## **EVENTS MAPPING:**

Events	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
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3	AT SHORE		2		1							2

## \*Type of Event / Activity:

Workshop/**Seminar**/conference/hackathon/hobby project/mini project/ Invited Talk/Guest Lecture/ Skillenhancement program/Cultural activity/competitions etc.,

Event 1: Problem Solving in AI using search Techniques.



Glimpse of Expert Talk

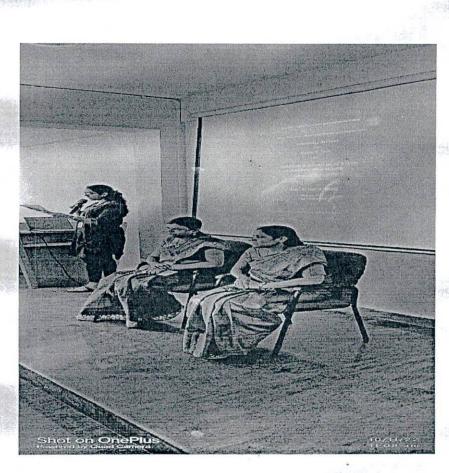




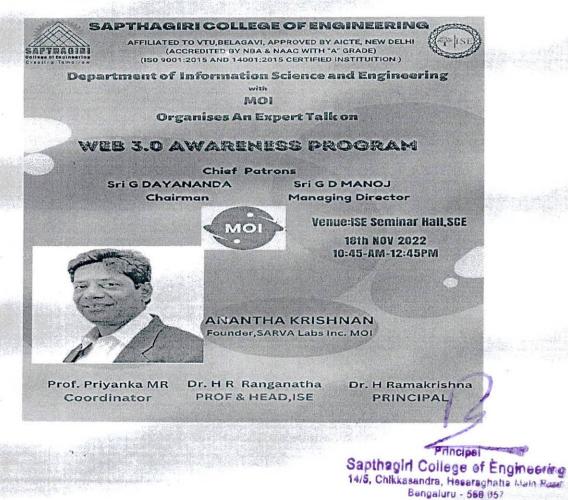
Principal Sapthagirl College of Engineering 14/5, Chikkasandra, Heseraghatta Main Road Bengaluru - 560 657

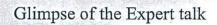
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Event 2: Hands-on session WEB 3.0 Awareness Program.





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## **Event 3: Hackathon on Machine Learning**



#### DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

## Organizes "HACKATHON on MACHINE LEARNING" in Association with "Karunadu Technologies Private Limited"

Sri G Dayanand Chairman, SCE Sri G D Manoj

Dr. H RAMAKRISHNA

PRINCIPAL

Date : 3rd December 2022 Timings: 9:00 AM - 11:00 AM Venue: ISE Seminar Hall Managing Director, SCE

Dr. H R RANGANATHA PROF & HEAD, ISE

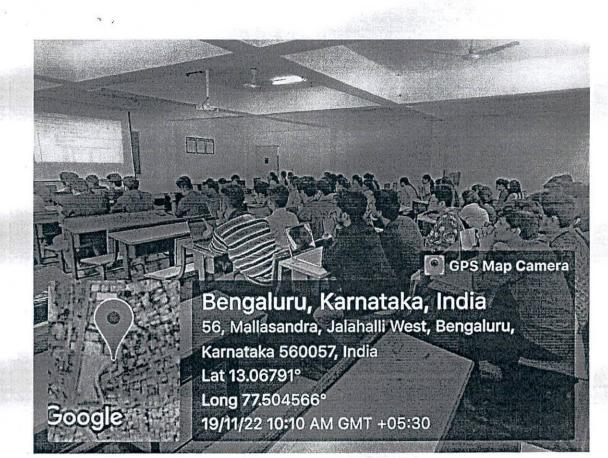
INSTITUTION'S

COUNCI

STAFF COORDINATORS Prof. GAYATHRI R Prof. AMBIKA S

Sapthagiri College of Engineering 14/5, Chikkasendre, Hesaraphatta Mein Fued Bengaluru - 560 057





Date of Submission: 2/12/2022

NOTE: All the Events should be in one PDF File.

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Signature of the HOD Dr H.R Ranganatna Prof. & H.O.D Dept.of Information Science & Engg Sapthagiri College of Engineerin # 14/5 Chikkasandra, Hesaraghatte Marinoa PERCALURU-56:: 05

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# SAPTHAGIRI COLLEGE OF ENGINEERING

BENGALURU-560057 (An ISO 9001:2015 & ISO 14001:2015 Certified Institution) (Affiliated to VTU, Belagavi and approved by AICTE, New Delhi) (Accredited by NAAC with "A" grade) (Accredited by NBA for ECE, CSE, ISE, ME, EEE) DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING



## Monthly Event Report for the month of: APR- 2023

#### **DEPARTMENT OF: Information science and Engineering**

*Type of Event/Activity	1.Lecture on MOOC 2. Alumni Talk
Name/Title of the Event / Activity	<ol> <li>Alumni Lecture on MOOC</li> <li>Recent Trends in AI &amp; ML -IT Opportunities</li> </ol>
Date of Organization	1. 03-04-2023 2. 22-04-2023
Venue (with address)	1. ISE-SEMINAR HALL 2. ISE-SEMINAR HALL
Organized by	Department of Information Science of Engineering
Objectives of the event/activity	<ol> <li>To educate about Lecture on MOOC by Alumni.</li> <li>To educate about Recent Trends in IT.</li> </ol>
Participants (Please attach list of participants, if it is organized/conducted in the dept.))	<ol> <li>1. 110 participants</li> <li>2. 60 Participants</li> </ol>
Mention organized /participated/attended	Department of ISE, Sapthagiri College of Engineering

Principal Sapthagiri College of Engineering 14/5, Chikkasandra, Hasaraghatta Main Rosc Bengaluru - 560 057

#### **Event Description:**

1

Department of ISE has organized special lecture on MOOC by the distinguished alumni Mr. Shashwat Seth who is currently working for LTI Pvt. Ltd. Shashwat seth being a proud alumni could obtain B.E honors Degree awarded by Visveswaraya Technological University for these remarkable achievements in pursuing several online courses Swayam NPTEL offered by Govt. of India. And also he has been recognized as NPTEL Super start Jan-Apr 2022. Department is fortunate to have such achiever alumni and keeping his credential in mind department has provided students of current academic year with a platform and opportunity for interaction. Shashwat seth shared his success story along with educating students about the importance & opportunity in pursuing MOOC courses. In fact he has given insightful information about the content of the course mode of course delivery, means of assessment.

Department of ISE has organized a Alumni Talk on Topic- "Recent Trends in AI & ML -IT Opportunities" under the banner of ISE forum. The resource person Mr.Shreyas Kaushik Software Engineer CTS, Bengaluru has delivered lecture on emerging areas of IT in the area of various emerging tools like IOT Automation Devices, Data Science, and Python for AI & ML which would really help students to enhance their IT skills in Data Science. About 40 plus students took part in the session and expressed satisfaction about the event.

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(i) At the end map PO's (with 3/2/1):

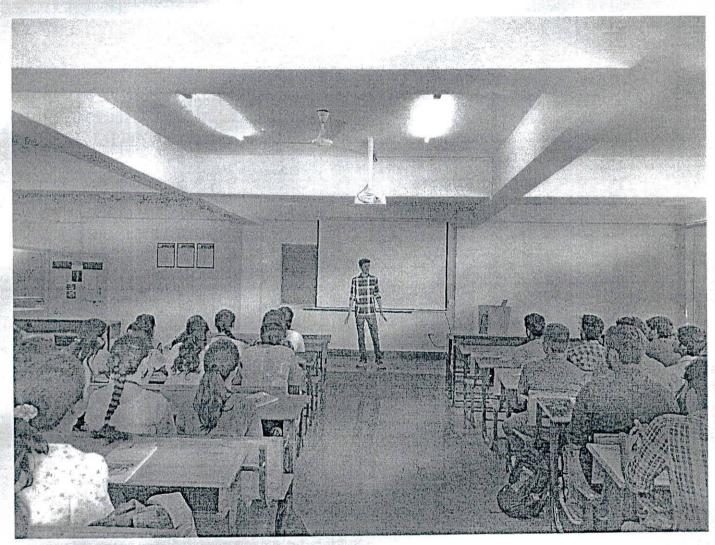
#### **EVENTS MAPPING:**

Events	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
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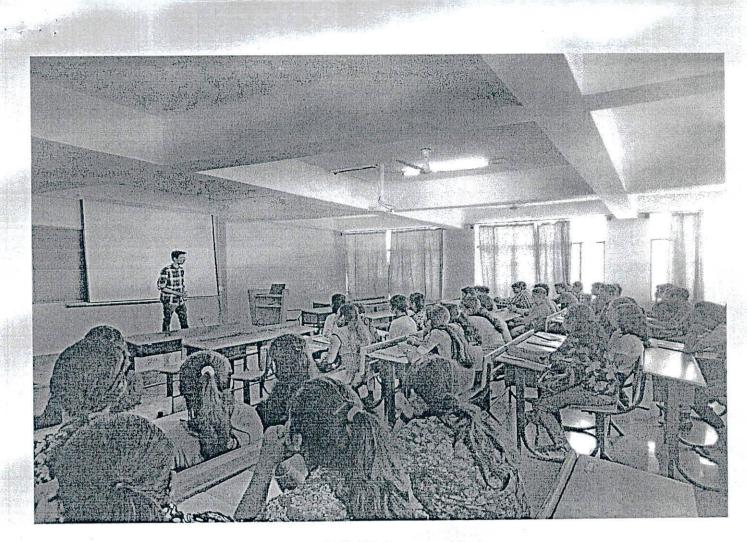
#### \*Type of Event / Activity:

Workshop/**seminar**/conference/hackathon/hobby project/mini project/ Invited Talk/Guest Lecture/ Skillenhancement program/Cultural activity/competitions etc.,

Event 1: Alumni Lecture on MOOC



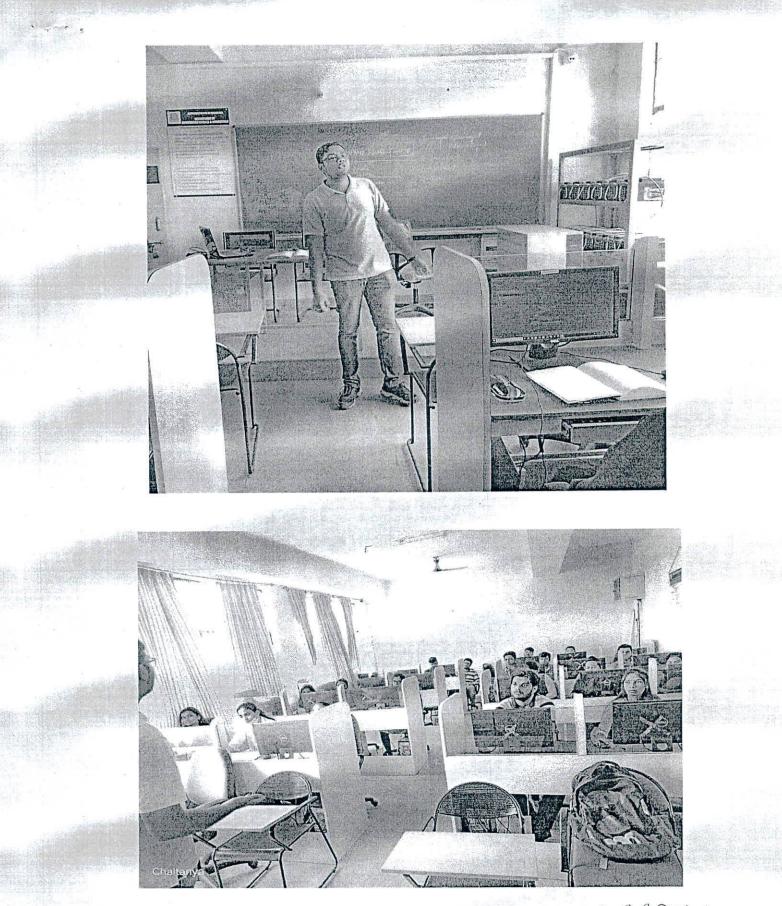
Principal Sapthagiri College of Engineering 14/5, Chikkesendre, Heserschatts Main Road Bengsluru - 560 057



Event 2: Alumni Talk- Recent Trends in AI & ML -IT Opportunities



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Date of Submission: 2/5/2023

NOTE: All the Events should be in one PDF File.

Principal Sapthagiri College of Engineering 14/5, Chikkesendre, Heserephette Meth Road Revuelurg - Spurg2

# Signature of the HOD

UI H.R Ranganativa Prof. & H.O.D Dept.of Information Science & Engg. Sapthagini College of Engineering # 14/5 Chikkasandra, Hesaraghatta Mein Road BENGALURU-560 055



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#### DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

# Monthly Event Report for the month of: May- 2023

#### **DEPARTMENT OF: Information Science and Engineering**

*Type of event/activity	1. Seminar
Name/Title of the Activity/Event	1.Introduction to Patent Filing
Date of Organization	1.May 18 <sup>th</sup> 2023
Venue (with address)	1.ISE Seminar Hall
Objectives of the event/activity	1.Enhancing the Patent Filing abilities of the students
Organized by(Resource Person)	1.Prof .Swetha K B , SCE
Participants	1. 2 <sup>nd</sup> Year ISE students
Mention organized /participated/attended	Prof. Nandini Gowda P / Prof. Priyanka M R

#### **Event Description:**

A Interactive session on Introduction to Patent Filing organised by the Department of Information Science Engineering for the Second Year students of ISE. Workshop has begun with inauguration function and welcome speech. Dr.H R Ranganatha HOD, Dept. Of ISE gave the importance of Patent Filing.

The Resource Person for the seminar -Prof .Swetha K B, Asst. Prof, Dept of ISE. She explained on introduction to Patent filing, need of a Patent filing and its benefits .She focused on eligibility criteria for patent filing, application for patent includes filing, processing, publication, submission, pre grant, post grant, and grant of patent. Students had an opportunity to earn about patent filing and expressed their interest on learning new concepts.

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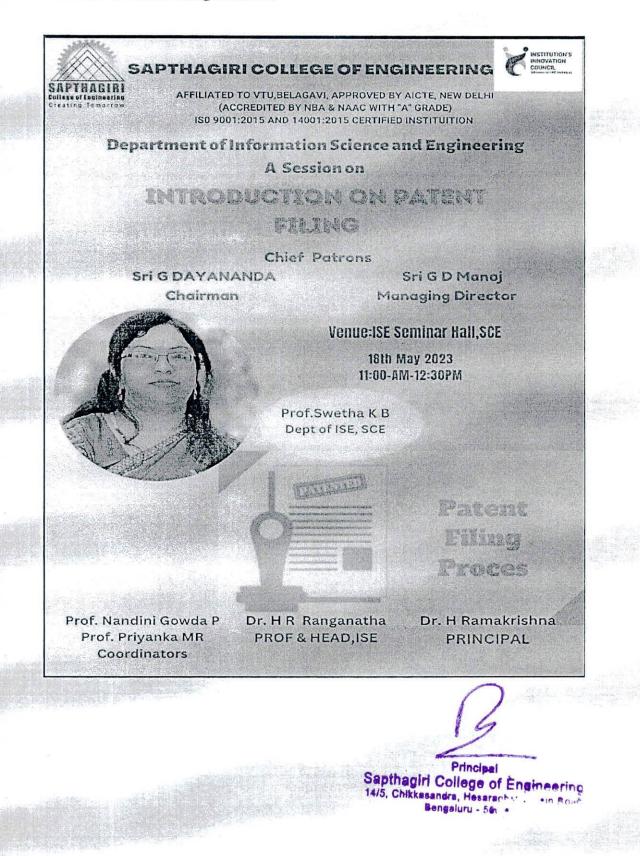
## SAPTHAGIRI COLLEGE OF ENGINEERING



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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

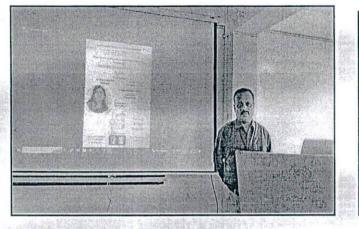
Introduction to Patent Filing Brochure



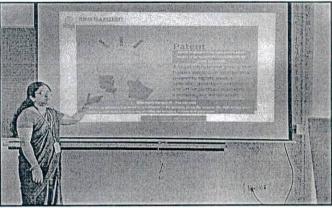


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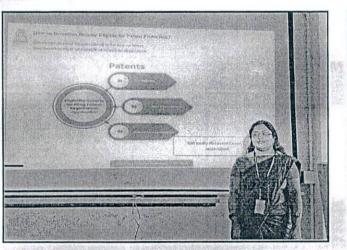
DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING



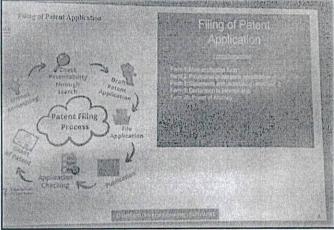
Dr. H R Ranganath, HOD, ISE addressing gathering



Patent Filing Session by Prof.Swetha K B



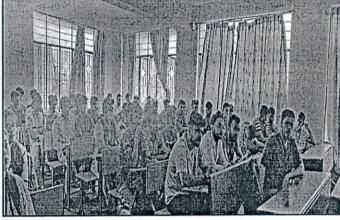
Introduction to Patent Filing



Patent Filing Application details



ISF Students



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#### DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

Participant List

I. No.	USN	Name of the Student
1	1SG21IS001	ABHILASH G M
2	1SG21IS003	AMULYA R
3	1SG21IS004	AMULYA S
4	1SG21IS005	ANANYA HG
5	1SG21IS006	ANANYA VANDITHA S
6	1SG21IS009	ANJALI E
7	1SG21IS010	APEKSHA KRISHNA NAIK
8	1SG21IS011	ARCHANA N J
9	1SG21IS014	BHOOMIKA T SHENOY
10	1SG21IS018	CHAITANYA B AKKI
11	1SG21IS019	CHAITHANYA T P
12	1SG21IS020	CHANDAN KUMAR M GUTHUR
13	1SG21IS021	CHANDANASHREE V
14	1SG21IS024	DEEPAK KUMAR S
15	1SG21IS025	DHANUSH J R
16	1SG21IS029	DIVYAGS
17	1SG21IS030	GAGANA H N
18	1SG21IS031	GEETHANJALI PUJAR
19	1SG21IS032	GREESHMA R
20	1SG21IS033	H T SUMANTH ACHAR
21	1SG21IS034	HARSH RAJ
22	1SG21IS036	HARSHITHA B R
23	1SG21IS037	HARSHITHA R
24	1SG21IS038	HARSHITHA R S
25	1SG21IS041	HIMANSHU KUMAR
26	1SG21IS042	JATHIN K
27	1SG21IS043	K SINCHANA
28	1SG21IS044	KARTHIK A N
29	1SG21IS045	KARTHIK L
30	1SG21IS046	KEERTHANA S
31	1SG21IS064	PRANAV P M
32	1SG21IS065	PREETHAM M
33	1SG211S066	R K RAHUL
34	1SG21IS067	RAKESH R
35	1SG211S068	RAKESH S HUGAR
36	1SG211S069	RAKSHA K
37	1SG21IS070	RAKSHA R
38	1SG21IS070	RAKSHITHA J K
39	1SG21IS072	RAKSHITHA K
40	1SG21IS072	RASHMI G V
41	1SG21IS074	ROHAN R GOLASANGI
42	1SG211S075	RUCHITHA S
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#### **DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING**

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46	1SG21IS079	SAHANA B M
47	1SG21IS080	SAHANA H V
48	1SG21IS081	SANIKA S
49	1SG21IS082	SANJANA B S
50	1SG21IS083	SANJAY G
51	1SG21IS084	SATHWIK S
11. FU		SHARANAGOWDA
52		MALLANAGOWDA
HEAL ST	1SG21IS085	CHOWDRI
53	1SG21IS086	SHARANGOWDA K R
54	1SG21IS087	SHARATH RAM PRAKASH RS
55	1SG21IS088	SHIVARTH N S
56	1SG21IS089	SHREYA S CHOWDARY
57	1SG21IS090	SHREYA S M
58	1SG21IS091	SHRITEJA SHASTRY S
50		SIDDAPPA GARI
59	1SG21IS092	MEGHANATH
60	1SG21IS093	SK MD ASIB
61	1SG21IS094	SNEHA S GANACHARI
62	1SG21IS095	SONIYA N R

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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

#### SRI SRINIVASA EDUCATIONAL AND CHARITABLE TRUST® SAPTHAGIRI COLLEGE OF ENGINEERING [Affiliated to Visvesvaraya Technological University, Belagavi and Approved by AICTE, New Delhi] [Accredited by NAAC with "A" grade) [Accredited by NBA] [An ISO 9001:2015 & ISO 14001:2015 Certified]

## DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

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\*Type of activity:

Workshop/Seminar/conference/hackathon/hobby project/mini project/ Invited Talk/Guest Lecture/ Skill enhancement program/Gultural activity/competitions etc.,

HERON

Signature of the HOD Dr H.R Ranganatna

Prof. & H.O.D Dept.of Information Science & Engn Saphragh Coverge UP Engineering

# 14/5 Chikkasandra, Hesaraphatta fermining BENGALURU-560-05

Coordinators:

Dell

Prof. Nandini Gowda P

Prof. Priyanka M R

YouTube link: https://youtu.be/cuvkCnSPWhU

Date of Submission: 23-05-2023

Heront

Dr H.R Ranganau Prof. & H.O.D Dept.of Information Science & Engg Sapthagiri College of Engineering # 14/5 Chikkasandra, Hesaraghatta Mein Road BENGALURU-560 057

Principal Sapthagiri Coll - - - of Engineering 14/6, Chikkesandra, Heseraghette Mein Reay Bengalurg - 560.057



## SAPTHAGIRI COLLEGE OF ENGINEERING

BENGALURU-560057

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Department of MECHANICAL ENGINEERING

## (NBA Accredited)

## List of Technical Seminar/ Guest lecturers Organized (2022-23)

SI. No.	Date	Title / Topic	<b>Resource Person Details</b>	Semester	Number of Students
1	30/07/2022 Materials for Aerospace Structure and Aero Engines		Mr.Nikhil kumar C , JRF, CSIR National Aerospace Laboratories	3 <sup>rd</sup>	32
2	22/10/2022	0/2022 Overview of Careers Mr. Chetan Rao Shankar, in Aerospace Systems Engineer, Air Industries bus UK		5 <sup>th</sup>	35
3	03/12/2022 Career Opportunities Mr for Mechanical Ma		Mr. Subrat Rana, Zonal Manager, CAD Desk Technologies	5 <sup>th</sup>	36
4	19/01/2023 Entrepreneurial Opportunities for Mechanical Engineering Students		Mr.Ankit, Principal- enablement at Vedantu	3 <sup>rd</sup>	13
5	01/04/2023 /	Career Opportunities –Mechanical Engineering students	Mr. Arun Kumar K.V Production Engineer, AKZ Infrastructure Pvt. Ltd.	6 <sup>th</sup>	27
6	31/07/2023 Innovation in Electric Vehicle Technology & Entrepreneurial Opportunities		Mrs. Lalitha Anil, Co- founder and Director, EKO- Vehicles Pvt. Ltd.	4 <sup>th</sup>	32
7	29/07/2023 Applications of CFD in Thermal / Flow analysis using FLOWNEX		Mr. Yuvraj.M, Application Engineer, DHIO Research & Engineering	4 <sup>th</sup>	21
8	10/08/2023	Fluid Properties & Applications	Prof.Palakshaiah, Dept of ME SJCIT	4 <sup>th</sup>	54

Canif Co-ordinator

Principal Sapthagiri College of Engineering 14/5, Chikkasandra, Heseraghetta Main Road Bengalur - 500 057

Professor & Head Department of Mechanical Engineering Sapthagiri College of Engineering Bengaluru - 560 057.



## SAPTHAGIRI COLLEGE OF ENGINEERING

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Department of MECHANICAL ENGINEERING

(NBA Accredited)

*Type of event/activity	Technical Talk				
Name/Title of the Activity/Event	Technical Talk – "Innovative Materials / Methods Used in Developing Aircraft Structures & Aero - Engines"				
Date of Organization	30/07/2022				
Venue (with address)	Department of Mechanical Engineering, Sapthagiri College of Engineering, Bengaluru.				
Organized by	Department of Mechanical Engineeringin association with IIC.				
Objectives of the event/activity	<ol> <li>To orient the students on the materials used in Aerospace industries.</li> <li>Encourage the students to interact and discuss about the requirements of Aerospace structures.</li> <li>To provide an opportunity to interact and discuss with the Technical expert.</li> <li>To motivate students to study about the Aerospace structures in detail.</li> </ol>				
Participants (Please attach list of participants, if it is organized/conducted in the dept.))	32				
Mention organized /participated/attended	32 students from 3 <sup>rd</sup> Semester Mechanical Engineering participated in the event.				

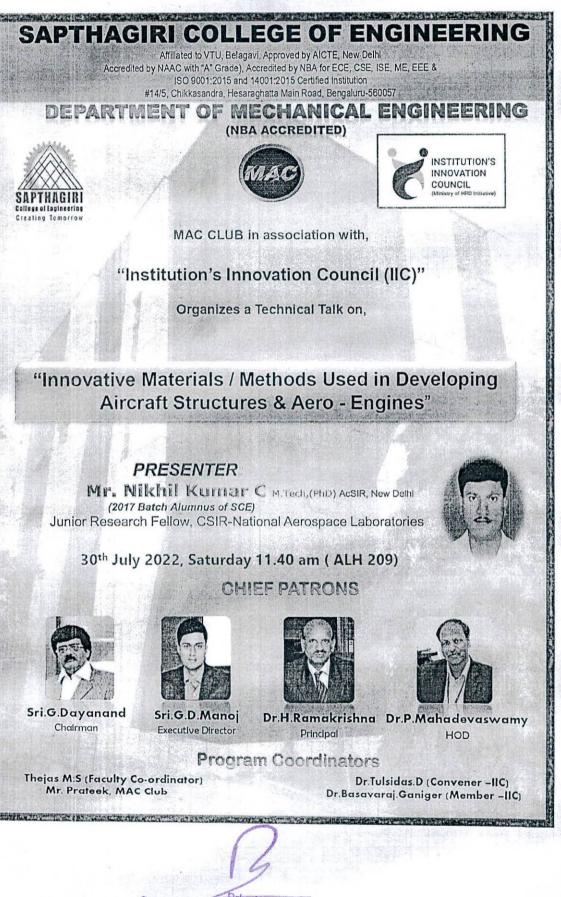
#### **Event Description:**

A technical talk was organized on "Innovative Materials / Methods Used in Developing Aircraft Structures & Aero – Engines" for 4<sup>th</sup> Semester Mechanical Engineering students on , 30/07/2022. The resource person, Mr. Nikhil Kumar C is an alumnus of department of Mechanical Engineering, SCE who is presently working as a Junior Research Fellow at CSIR-National Aerospace Laboratories. The resource person in his presentation discussed in detail about the innovative materials and methods presently used in developing Aero structures and highlighted on the special properties and characteristics of these innovative materials. Also he discussed in detail about the new technologies / processes used in developing the aero engines and encouraged the audience on studying in detail about these materials and methods by referring to the information available on the official website of NAL.

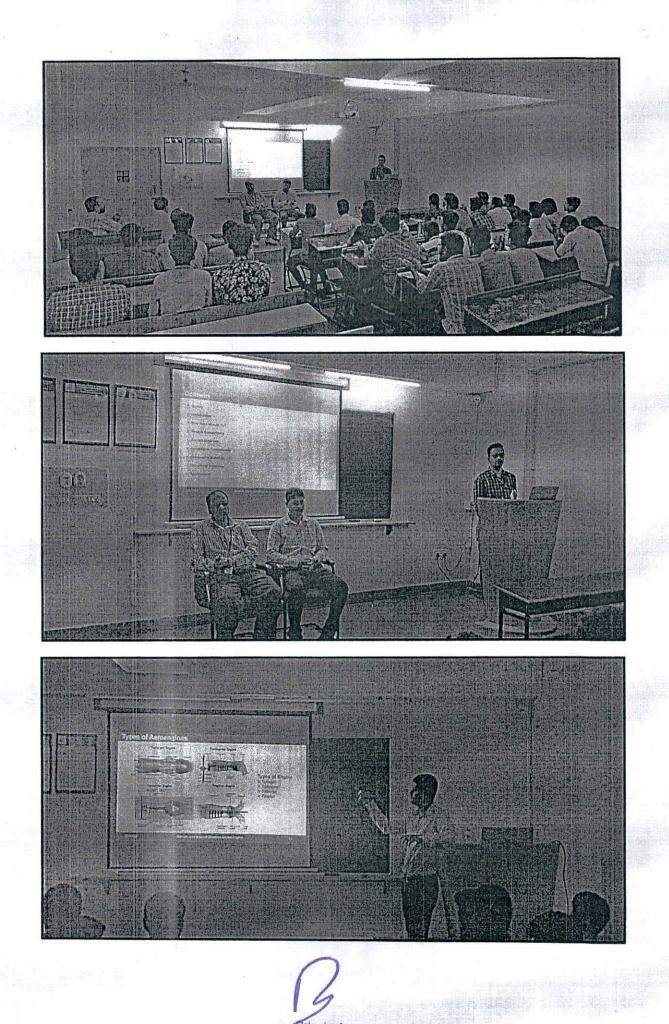
\*Type of activity: Technical Talk

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

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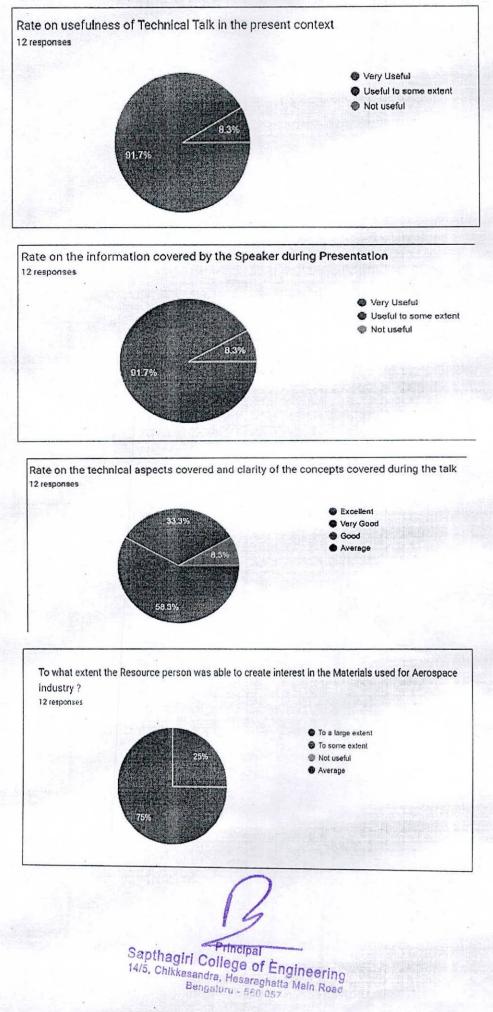


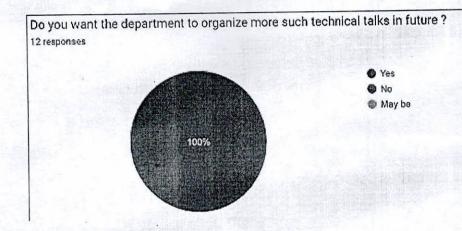
Sapthagiri College of Engineering 14/5, Chikkasandra, Hesaraghatta Main Road Bengaluru - 550 057



Septhagiri College of Engineering 14/5, Chikkesandra, Heseraghatta Main Road Bengaluru - 560.057

## Feedback on the Technical Talk





## Your suggestions / feedback for future improvements

Good It is useful to us. It is very good and useful Please cover further more topics Good Very good Very interesting must organize more seminars No It was good Great and informative Nothing

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**Co-ordinator** 





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# **Department of Mechanical Engineering**

SI. No	Name of Student	USN
1.	ABITH E K	1SG21ME001
2.	ADITHYA A MURTHY	1SG21ME002
3.	DODDA RAJU B R	1SG21ME003
4.	GIRIJHA R MURTHY	1SG21ME004
5.	HARIKRISHNA S	1SG21ME005
6.	HARSHITH H GOWDA	1SG21ME006
7.	HEMANGIRI B	1SG21ME007
8.	J SANTHOSH	1SG21ME008
9.	N PALLAVI	1SG21ME010
10.	NANDAN HG	1SG21ME011
11.	NAVEEN C	1SG21ME012
12.	NITHISH A	1SG21ME013
13.	P LINIT REDDY	1SG21ME014
14.	PRADEEPA L	1SG21ME015
15.	SANJAY KUMAR H	1SG21ME017
16.	SHIVARAJ ARADHYA B M	1SG21ME018
17.	SRINIVAS C	1SG21ME019
18.	SUDHARSAN L	1SG21ME020
19.	VINAY H K	1SG21ME021
20.	AHMED AFZAL M	1SG22ME400
21.	BHARATH D K	1SG22ME401
22.	CHANDAN A	1SG22ME402
23.	GAHAN A D	1SG22ME403
24.	LIKHITH N	1SG22ME404
25.	MADHU CHANDRA V N	1SG22ME405
26.	MANJU S	1SG22ME406
27.	N.CHETHAN	1SG22ME407
28.	NAGESH M	1SG22ME408
29.	NAVEEN U	1SG22ME409
30.	PAVAN KUMAR B N	1SG22ME410
31.	RAVI KUMAR H	1SG22ME411
32.	YESHWANTH B	1SG22ME412

#### **List of Students**

**Co-ordinator** 

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

HOD

Professor & Head Department of Mechanical Engineering Sapthagiri College of Engineering Bengaluru - 560 057.



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*Type of event/activity	Alumni Talk						
Name/Title of the Activity/Event	Career Guidance and Motivational Talk " Overview of Careers in Aerospace Industries"						
Date of Organization	22/10/2022						
Venue (with address)	Class Room 209, Academic Block, Sapthagiri college of Engineering						
Organized by	DEPARTMENT OF MECHANICAL ENGINEERING						
Objectives of the event/activity	<ol> <li>To orient the students on the Scope / opportunities in the field of Aerospace Engineering</li> <li>To orient the students on the basic concepts related to aerospace and its components.</li> <li>To encourage students to undergo training / internship program in the field of Aerospace Engineering.</li> </ol>						
Participants (Please attach list of participants, if it is organized/conducted in the dept.))							
Mention organized /participated/attended	35 Students of 5 <sup>th</sup> semester Participated in the activity						

#### **Event Description:**

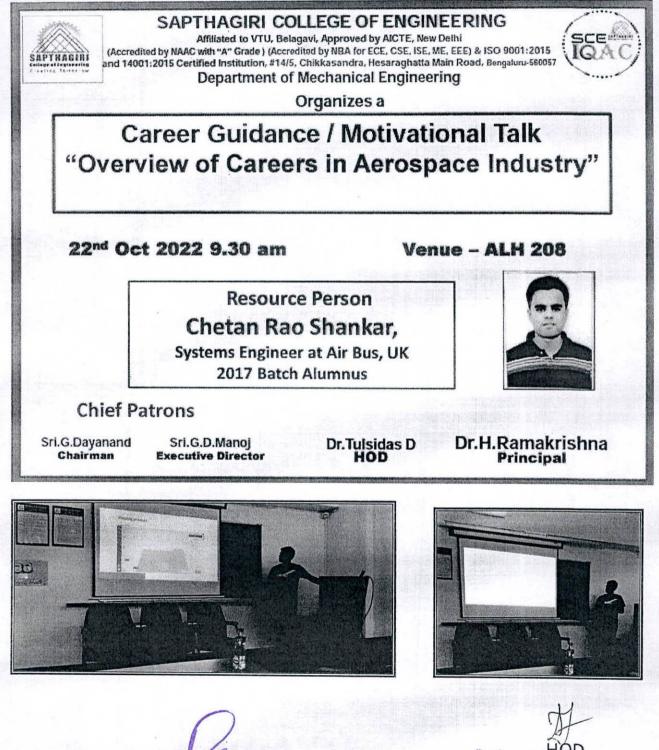
A motivational talk on, "Overview of Careers in Aerospace Industries "was organized by the department of Mechanical Engineering on 22/10/2022. The resource person, Mr. Chetan Rao Shankar, Systems Engineer at Air Bus, UK oriented students of 5<sup>th</sup> Semester Mechanical Engineering on the Scope / opportunities in the field of aerospace Engineering and highlighted on the basic concepts related to aerospace Engineering. He also encouraged students to undergo training / internship program in the field of aerospace Engineering.

Principal Sapthagiri College of Éngineering 14/5, Chikkasandra, Hesaraghatta Main Road Bengaluru - 560 057 Mapping of activity outcomes with POs

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\*Type of activity: Motivational Talk

Images:



Sapthagiri College of Engineering 14/5, Chikkasandra, Hesaraghatta Main Road Bengaluru - 580 057 Professor & Head Department of Mechanical Engineering Sapthagiri College of Engineering Bengaluru - 560 057.

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DEPARTMENT OF MECHANICAL ENGINEERING

*Type of event/activity	Motivational Talk
Name/Title of the Activity/Event	Excellent Career Opportunities after Engineering
Date of Organization	03/12/2022
Venue (with address)	Room No. 412, Academic Block, Sapthagiri college of Engineering
Organized by	DEPARTMENT OF MECHANICAL ENGINEERING
Objectives of the event/activity	<ol> <li>To orient students on the opportunities for Mechanical Engineering Students.</li> <li>To provide an opportunity interact with resource person regarding the career opportunities.</li> <li>To orient students on the requirements of industries and to develop skills needed.</li> </ol>
Participants (Please attach list of participants, if it is organized/conducted in the dept.))	42
Mention organized /participated/attended	Around 42 students participated in the event.

#### **Event Description:**

A webinar on Career opportunities for Mechanical Engineering students was organized by the department of Mechanical Engineering on 03/12/2023. The resource person, Mr.Shivaramakrsishna Paladi, from Unacademy oriented students on the present industry requirements. The webinar was organized to orient students on the opportunities for Mechanical Engineering Students, to provide an opportunity interact with resource person regarding the career opportunities and to orient students on the requirements of industries and to develop skills needed.

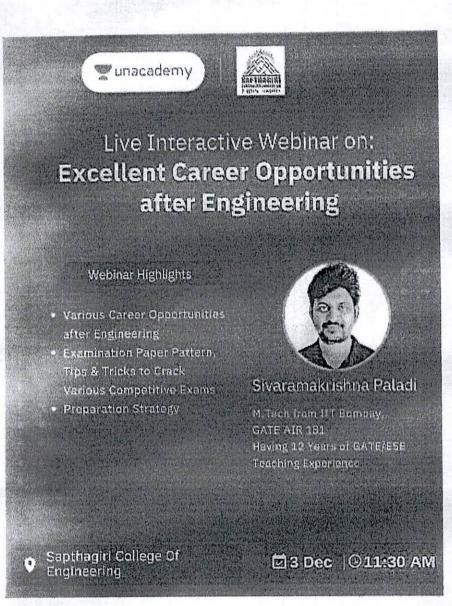
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## Mapping of activity outcomes with POs

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#### \*Type of activity: Webinar

#### Images:



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Professor & Head Department of Mechanical Engineering Sapthagiri College of Engineering Bengaluru - 560 057.



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# **Department of Mechanical Engineering**

## List of Students Visited

Sl. No	Name of Student	USN
1.	ABITH E K	1SG21ME001
2.	ADITHYA A MURTHY	1SG21ME002
3.	DODDA RAJU B R	1SG21ME003
4.	GIRIJHA R MURTHY	1SG21ME004
5.	HARIKRISHNA S	1SG21ME005
6.	HARSHITH H GOWDA	1SG21ME006
7.	HEMANGIRI B	1SG21ME007
8.	J SANTHOSH	1SG21ME008
9.	N PALLAVI	1SG21ME010
10.	NANDAN HG	1SG21ME011
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14.	PRADEEPA L	1SG21ME015
15.	SANJAY KUMAR H	1SG21ME017
16.	SHIVARAJ ARADHYA B M	1SG21ME018
17.	SRINIVAS C	1SG21ME019
18.	SUDHARSAN L	1SG21ME020
19.	VINAY H K	1SG21ME021
20.	AHMED AFZAL M	1SG22ME400
21.	BHARATH D K	1SG22ME401
22.	CHANDAN A	1SG22ME402
23.	GAHAN A D	1SG22ME403
24.	LIKHITH N	1SG22ME404
25.	MADHU CHANDRA V N	1SG22ME405
26.	MANJU S	1SG22ME406
27.	N.CHETHAN	1SG22ME407
28.	NAGESH M	1SG22ME408
29.	NAVEEN U	1SG22ME409
30.	PAVAN KUMAR B N	1SG22ME410
31.	RAVI KUMAR H	1SG22ME411
32.	YESHWANTH B	1SG22ME412

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# **Department of Mechanical Engineering**

33	ADITYA T BHAT	1SG22ME001
34	AKASH V	1SG22ME002
35	BASAVARAJ S	1SG22ME003
36	BHARATH H S	1SG22ME004
37	BHEEMA SHANKAR B S	1SG22ME005
38	CHANDAN R	1SG22ME006
39	GOWTHAM S	1SG22ME007
40	LOKESH B	1SG22ME008
41	PRASAD S GANIGER	1SG22ME011
42	RAKESH CHAUDHARY	1SG22ME012

Co-ordina



Professor & Head Department of Mechanical Engineering Sapthagiri College of Engineering Bengaluru - 560 057.

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



#### SAPTHAGIRI COLLEGE OF ENGINEERING BENGALURU-560057 (Accredited by NAAC with "A" grade)

(Accredited by NAAC with A grade) (An ISO 9001:2015 & ISO 14001:2015 Certified Institution) (Affiliated to VTU, Belagavi and approved by AICTE, New Delhi) **DEPARTMENT OF MECHANICAL ENGINEERING** 

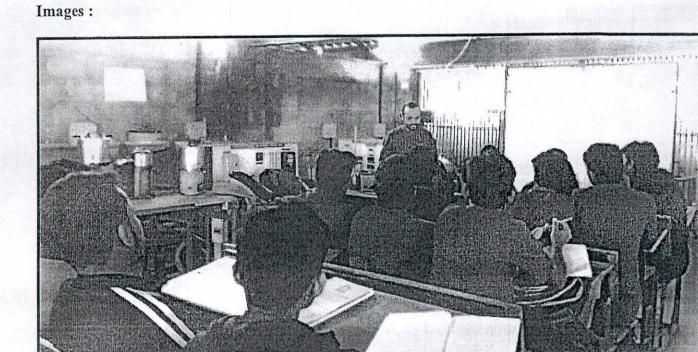


*Type of event/activity	Alumni Talk
Name/Title of the Activity/Event	Alumni Talk – 3 <sup>rd</sup> Semester Mechanical Students
Date of Organization	19/01/2023
Venue (with address)	Workshop Block, Department of Mechanical Engineering, Sapthagiri College of Engineering.
Organized by	DEPARTMENT OF MECHANICAL ENGINEERING
Objectives of the event/activity	<ol> <li>To orient students on the opportunities for Mechanical Engineering students industries / higher education.</li> <li>To motivate the students to develop skills needed to get placement in Mechanical Industries.</li> <li>To encourage students to interact and clarify their queries regarding career opportunities.</li> </ol>
Participants	13
Mention organized /participated/attended	13 Students of 3 <sup>rd</sup> semester attended the talk.

#### **Event Description:**

An Alumni talk was organized by the department of Mechanical Engineering on, 19/01/2023 for the 3<sup>rd</sup> semester Mechanical Engineering students. The resource person Mr.Ankit, alumni of SCE and is presently working as principal- enablement at Vedantu. Speaker addressed the students on the opportunities for the Mechanical Engineering students. The talk was organized to, orient students on the opportunities for Mechanical Engineering students industries / higher education, to motivate the students to develop skills needed to get placement in Mechanical Industries to encourage students to interact and clarify their queries regarding career opportunities.

P01	P02	PO3	P04 .	P05	P06	P07	P08	P09	P010	PO11	P012
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Sapthagiri College of Èngineering 14/5, Chikkasandra, Hesaraghatta Main Road Bengaluru - 560 057

HOD Professor & Head Department of Mechanical Engineering Shi 'hagiri College of Engineering Bengaluru - 560 057.



## SAPTHAGIRI COLLEGE OF ENGINEERING BENGALURU-560057

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# **Department of Mechanical Engineering**

# **List of Students Visited**

Sl. No	Name of Student	USN			
1.	ABITH E K	1SG21ME001			
2.	ADITHYA A MURTHY	1SG21ME002			
3.	DODDA RAJU B R	1SG21ME003			
4.	GIRIJHA R MURTHY	1SG21ME004			
5.	HARIKRISHNA S	1SG21ME005			
6.	HARSHITH H GOWDA	1SG21ME006			
7.	HEMANGIRI B	1SG21ME007			
8.	J SANTHOSH	1SG21ME008			
9.	N PALLAVI	1SG21ME010			
10.	NANDAN HG	1SG21ME011			
11.	NAVEEN C	1SG21ME012			
12.	NITHISH A	1SG21ME013			
13.	P LINIT REDDY	1SG21ME014			

Co-ordinator



Professor & Head Department of Mechanical Engineering Sapthagiri College of Engineering Bengaluru - 560 057.

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#### SAPTHAGIRI COLLEGE OF ENGINEERING

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(NBA Accredited)

*Type of event/activity	Alumni Interaction
Name/Title of the Activity/Event	Alumni Talk on Career Opportunities for Mechanical Engineers
Date of Organization	01/04/2023
Venue (with address)	Department of Mechanical Engineering, Sapthagiri College of Engineering, Bangalore.
Organized by	Department of Mechanical Engineering
Objectives of the event/activity	<ol> <li>Orient / Guide the students on opportunities for Mechanical Engineering students</li> <li>Motivate the students to develop communication and interaction skills needed to utilize the opportunities.</li> <li>To provide an opportunity to interact and discuss with the alumni</li> </ol>
Participants	27
Mention organized /participated/attended	27 students from 6 <sup>th</sup> Semester Mechanical Engineering participated in the event.

#### **Event Description:**

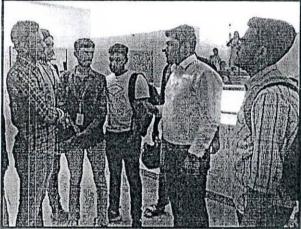
Alumni talk was organized department of Mechanical Engineering for students of 6<sup>th</sup> semester on 01/04/2023. The talk / interaction was conducted by Mr. Arun kumar K.V, Production Engineer, AKZ infrastructure Pvt. Ltd. The interaction was organized to, Orient / Guide the students on opportunities for Mechanical Engineering students, Motivate the students to develop communication and interaction skills needed to utilize the opportunities and to provide an opportunity to interact and discuss with the alumni.

P01	PO2	PO3	P04	P05	P06	P07	P08	P09	P010	P011	P012
03				02				02	02	in the second	03

\*Type of activity: Alumni Interaction

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Event-coordinator

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

Signature of the HOD

Professor & Head Department of Mechanical Engineering Sapthagiri College of Engineering Bengaluru - 560 057.

ALUMNI TALK 01/04/2023 Career Opportunitiel for Mechanical Engineering Students. Mr. ARUNIK, VI 9. MILLING Production Engineer, AKE Ingrastructure Put Ud SUP THIS MISS ?! Jeevon K 1-32 Name of Student USN Senting Stgnature SL NO DINEHA . S. GOWDAND SCHAMEDSI & M. WSIMOS NOT DI TEJAS: D IN ASGIGNEOUS DO 8 1982 35 Rahul BArolf isgigmE042 8 mc gabal Abin Jose PHISCHIGNIEUDI R. Foll S) peepak chauhan ISGIGMEOIY 8. Sageets Kommers +SG1907 EG403 8 rlement weidle ISCIGMEDIY 8 Sangeeth Kumars 13419N6049 8 -Heitfick. B ISG20ME409 8 lui this kil Pramod Kumar H ISG2017E414 8 To Kauphote P 13620ME410 8 Kaugh B-7 Witanjan-V ISG GME034 8 11 12 Hourshith. Gourda. D.S ISG 19MEO 20 8 8-13 Harshithett Achazen 1SGROMEYOS 19) Charitte. A 15GIAMO12 8 Tainy 15 Sohan DSazar ISGIENEDED 8 16) Projusal N ISGIBRIE059 8 3 Sich Sudharson. L ISUZIMEDO 17 Nardhan ISUZIMEDII 18 3 15 Abith 3 (7) ISG21 NEDOL Shreyes R ISG19 ME055 8 20) 21) Shrish. S. Digraj ISG19ME056 237 Varshith. J. Gouda ISG19ME067 8 GSG19ME066 24) U.P.K. SWAMY. 12.0 8 Oreginal Betmagiri College of Engineering 14/5, Chik sandra, Hesaraghatte Gni 14/5, Chik sandra, Hesaraghatte Gni 14/5, 054 25) 8 26). 9MAE054

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#### SAPTHAGIRI COLLEGE OF ENGINEERING



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#### Department of Mechanical Engineering

*Type of event/activity	Technical Talk					
Name/Title of the Activity/Event	Technical Talk on, Innovation in Electric Vehicle Technology & Entrepreneurial Opportunities					
Date of Organization	31/07/2023 11.00AM					
Venue (with address)	CLH- 405, Sapthagiri College of Engineering, Bangalore.					
Organized by	Department of Mechanical and Electrical & Electron Engineering					
Objectives of the event/activity	<ol> <li>Orient / Guide the students on opportunities in the field of Electrical Vehicles.</li> <li>Motivate the students to develop projects and carry out research in the field of Electrical Vehicles and Solar Energy.</li> <li>Orient the students on the initiatives related to environment protection and sustainability.</li> <li>To provide an opportunity to interact and discuss about the future of Electrical Vehicles.</li> </ol>					
Participants	29 Students ( List enclosed)					
Mention organized /participated/attended	Organized by Department of Mechanical & Electrical and Electronics Dept.					

Event Description: Talk on, Innovation in Electric Vehicle Technology & Entrepreneurial Opportunities was organized by the department of Mechanical and Electrical & Electronics Engineering on 31/07/2023 11.00 AM. The resource person, Mrs. Lalitha Anil, The Co Founder and Director, Eko Vehicles Private Limited addressed the students of 4<sup>th</sup> Semester Mechanical and Electrical & Electronics Engineering and faculty members. During the session the resource person covered in detail about the concepts related to Electrical Vehicles and highlighted on the present scenario of Electrical vehicles in India and abroad. She also encouraged the students to contribute to the field of Electrical vehicles by continuing further study and research in the area. She also highlighted on the entrepreneurial opportunities for Mechanical and Electrical students in the field of Electrical vehicles. Students interacted with the resource person and clarified their doubts at the end of session.

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P01	P02	PO3	P04	P05	P06	P07	P08	P09	P010	PO11	P012
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\*Type of activity: Technical Talk



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



Mrs. Lalitha Anil interacting with Students





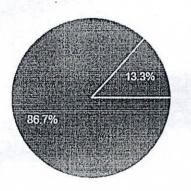
Mrs. Lalitha Anil and Dr Vijay Kulkarni addressing Students



## Feedback by the Participants:

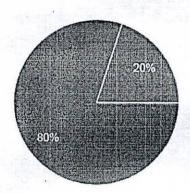
1. How do you rate the relevance of conducting Technical Talk in the present context?

30 responses



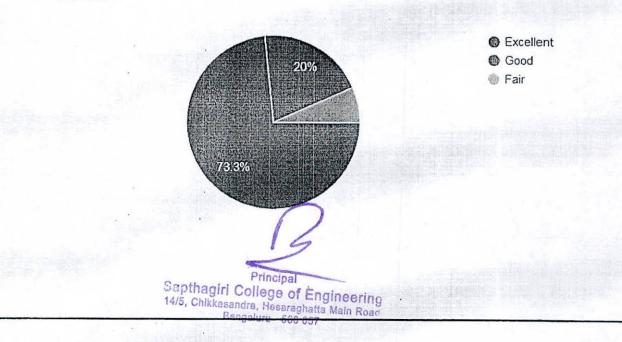
Very relevant
 To some extent relevant
 Not relevant

How do you rate the overall planning & execution of Technical Talk?
 30 responses



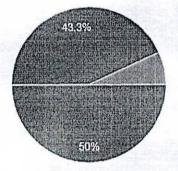


3. How do you rate the value addition by speaker ?30 responses



4. To what extent the presentations & interactions motivate you to take-up further study / Research in the field of Electric Vehicles?

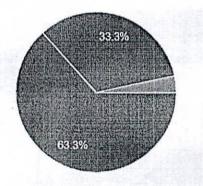
30 responses



To a large extent
To some extent
Not much

5. How do you rate your overall experience related to Technical Talk on Electric Vehicle?

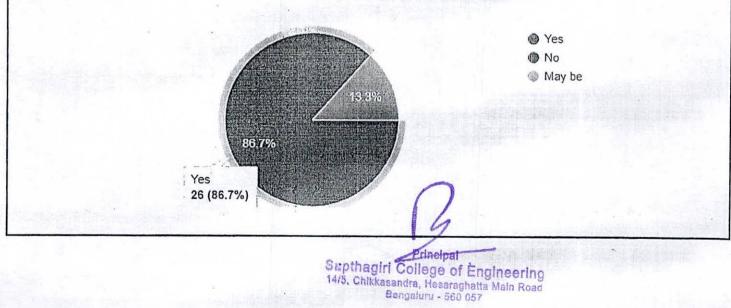
30 responses





6. Do you express your willingness to participate in more Technical Talks at Sapthagiri College of Engineering?

30 responses



7. Your valuable Comments / Suggestion for improvement in the event. Nothing Very good Informative It was good Great event More interesting personalities Valuable technical talk It was useful Excellent We would like to learn new things The session was informative The session was informative Session was good Session was curious and informative Could have made it more interestingly It was very useful The tech talk was so expressed and I learnt many thinks from that THE BEST EVENT Good knowledge Excellent impact We can't hear when the Mike is off The talk was well organized GOOD JOB

Event coordinator

Signature of the



SAPTNAGIRI Callege of Engineering Creating Tomorrow

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## **Department of Mechanical Engineering**

## **List of Students Visited**

Sl. No	Name of Student	USN			
1.	ABITH E K	1SG21ME001			
2.	ADITHYA A MURTHY	1SG21ME002			
3.	DODDA RAJU B R	1SG21ME003			
4.	GIRIJHA R MURTHY	1SG21ME004			
5.	HARIKRISHNA S	1SG21ME005			
6.	HARSHITH H GOWDA	1SG21ME006			
7.	HEMANGIRI B	1SG21ME007			
8.	N PALLAVI	ISG21ME010			
9.	NANDAN HG	1SG21ME011			
10.	NAVEEN C	1SG21ME012			
11.	NITHISH A	1SG21ME013			
12.	P LINIT REDDY	1SG21ME014			
13.	PRADEEPA L	1SG21ME015			
14.	SANJAY KUMAR H	1SG21ME017			
15.	SHIVARAJ ARADHYA B M	1SG21ME018			
16.	SRINIVAS C	1SG21ME019			
17.	SUDHARSAN L	1SG21ME020			
18.	VINAY H K	1SG21ME021			
19.	CHANDAN A	1SG22ME402			
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21.	LIKHITH N	1SG22ME404			
22.	MADHU CHANDRA V N	1SG22ME405			
23.	MANJU S	1SG22ME406			
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25.	NAGESH M	1SG22ME408			
26.	NAVEEN U	1SG22ME409			
27.	PAVAN KUMAR B N	1SG22ME410			
28.	RAVI KUMAR H	1SG22ME411			
29.	YESHWANTH B	1SG22ME412			

Co-ordinato

HOD

Professor & Head -----Department of Mechanical Engineering Sapthagiri College of Engineering Bengaluru - 560 057.

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## Department of MECHANICAL ENGINEERING

(NBA Accredited)

*Type of event/activity	Technical Talk
Name/Title of the Activity/Event	"Application of CFD- in Thermal / Flow analysis Using FLOWNEX
Date of Organization	29/07/2023
Venue (with address)	Class Room Number 305
Organized by	Department of Mechanical Engineering
Objectives of the event/activity	<ol> <li>To orient students</li> <li>Motivate the students to develop communication and interaction skills</li> <li>To motivate students to improve presentation skills.</li> </ol>
Participants	21
Mention organized /participated/attended	21 students 1 <sup>st</sup> Semester Mechanical Engineering

## **Event Description:**

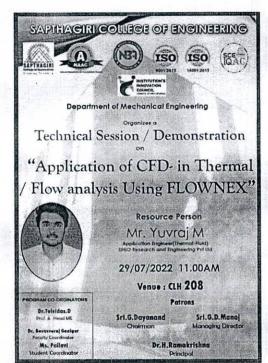
A technical talk on, "Application of CFD- in Thermal / Flow analysis Using FLOWNEX", was organized by the Department of Mechanical Engineering on 29/07/2023 at 11.00AM for the students of 4<sup>th</sup> Semester Mechanical Engineering. The resource person Mr. Yuvraj M, Application Engineer (Thermal-Fluid) at DHIO Research and Engineering Pvt. Ltd. Bangalore addressed the students and highlighted the importance of Flownex software in the analysis of Fluid Dynamics. He also demonstrated the software taking few case studies and interacted with the students.

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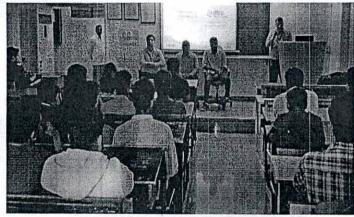
## Mapping of activity outcomes with POs

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\*Type of activity: Technical Talk







Principal

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38.	Dreshill Agoueda	ISGIZIMEDOG	4th/ME	george
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## Department of MECHANICAL ENGINEERING

(NBA Accredited)

*Type of event/activity	Technical Talk
Name/Title of the Activity/Event	Technical Talk - Fluid Properties & Application
Date of Organization	10/08/2023
Venue (with address)	CLH- 208, Sapthagiri College of Engineering
Organized by	Department of Mechanical Engineering
Objectives of the event/activity	<ol> <li>Orient the students on fundamental properties of fluids</li> <li>Provide an opportunity to interact with resource person and clarify doubts</li> <li>Orient students on the real time applications of Fluids</li> </ol>
Participants	54
Mention organized /participated/attended	64 Students from 4 <sup>th</sup> Semester Mechanical and Civil Engineering participated in the event

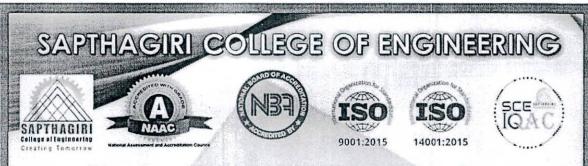
### **Event Description**:

A technical talk was organized by the department of Mechanical & Civil Engineering for the students of  $4^{\text{th}}$  Semester students on 10/08/2023. The event was organized to, Orient students on the real time applications of Fluids, Orient the students on fundamental properties of fluids Provide an opportunity to interact with resource person and clarify doubts

P01	PO2	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
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## \*Type of activity: Technical Talk

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



**Department of Mechanical & Civil Engineering** 

Organize a Technical Talk

on

# **"Fluid Properties & Applications**



**Resource** Person

# Prof. Palakshaiah

**Department of Mechanical Engineering** SJCIT, Chikkaballapur

# 10/08/2023 11.00AM

Venue : CLH 209

Patrons

Sri.G.D.Manoj Sri.G.Dayanand Chairman

Managing Director

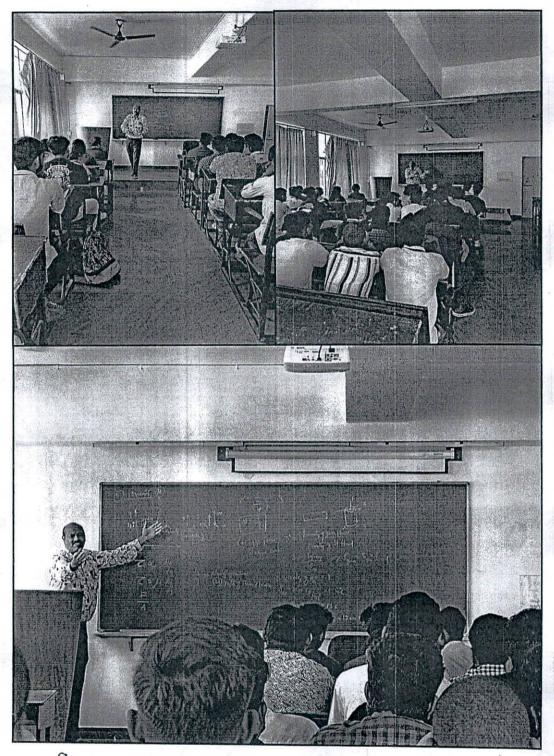
Dr.H.Ramakrishna Principal

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

PROCEASE ORCAMEPERS

Dr.Tulsidas.D Prof. & Head ME

Dr. Rajeshwari. R Prof. & Head CV



Co-ordinator

Sapthagiri College of Engineering 14/5, Chikkasandra, Hesaraghatta Main Road Bangalum - Screet

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## SAPTHAGIRI COLLEGE OF ENGINEERING

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## Industrial / Field / Exhibition Visits Organized (2022-23)

SI. No.	Date of Visit	Name of Organization	Semester	Number of Students
1	28/11/2022	Di-Facto Robotics & Automation	7 <sup>th</sup>	38
2	07/12/2022	Central Manufacturing Technology Institute (CMTI)	7 <sup>th</sup>	46
3	13/12/2022	Volvo Constructions Ltd.	7 <sup>th</sup>	26
4	23/01/2023	IMTEX-Exhibition	1 <sup>st</sup> and 3 <sup>rd</sup>	32
5	13/01/2023	Karnataka Chitrakala Parishath	3 <sup>rd</sup>	13
6	07/02/2023	India Energy Week Exhibition	1 <sup>st</sup> and 3 <sup>rd</sup>	42
7	13/03/2023	Nandi Hills and Surroundings	3 <sup>rd</sup>	11
8	21/07/2023	Visvesvaraya Industrial & Technological Museum	54	54
9	18/08/2023	Eta Technologies	2 <sup>nd</sup> & 4 <sup>th</sup>	48

Co-ordinator

Principal

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



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## DEPARTMENT OF MECHANICAL ENGINEERING

*Type of event/activity	Industrial Visit
Name/Title of the Activity/Event	Visit to DiFacto- Robotics & Automation
Date of Organization	28/11/2022
Venue (with address)	DiFacto- Robotics & Automation, Peenya, Bangalore
Organized by	DEPARTMENT OF MECHANICAL ENGINEERING
Objectives of the event/activity	<ol> <li>To orient students on the industrial activities</li> <li>To demonstrate the operations / working of Robots and automation</li> <li>To encourage students to interact with the technical experts and gain knowledge.</li> </ol>
Participants	38
Mention organized /participated/attended	38 Students of 7 <sup>th</sup> semester participated in the visit

Event Description: Industrial Visit to DiFacto- Robotics & Automation was organized on 28/11/2022 for 7<sup>th</sup> semester Mechanical Engineering students. The visit was organized to, orient students on the industrial activities, to demonstrate the operations / working of Robots and automation, and to encourage students to interact with the technical experts and gain knowledge

## Mapping of activity outcomes with POs

1 de	P01	PO2	PO3	P04	P05	P06	P07	P08	P09	P010	P011	P012
	3	02			02	distant.	dis.					3

\*Type of activity: Industrial Visit

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**Images:** 









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### List of students for DiFacto - Robotics & Automation

Date: 28/11/2022

SI. No.	NAME	USN
1.	AJITH S	1SG19ME003
2.	AKASH B	1SG19ME004
3.	AKASH GOWDA N	1SG19ME005
4.	ANIRUDDHA M	1SG19ME007
5.	ARAVIND M	1SG19ME008
6.	ASHWIN PURUSHOTHAM	1SG19ME009
7.	ASHWIN R	1SG19ME010
8.	BADRISH S	1SG19ME011
9.	CHARITH A	1SG19ME012
10.	CHRISTO KOSHY THOMAS	1SG19ME013
11.	CLEMENT WILFRED WEIDLE	1SG19ME014
12.	DEEPAK CHAUHAN	1SG19ME015
13.	DILIP KUMAR N R	1SG19ME016
14.	GURUCHARAN S	1SG19ME017
15.	HARISH G	1SG19ME018
16.	HARISH K	1SG19ME019
17.	HARSHITH GOWDA D S	1SG19ME020
18.	HEMANTH H N	1SG19ME021
19.	JEEVANKUMAR H	1SG19ME023
20.	NEHA S GOWDA	1SG19ME031
21.	NIKHIL R	1SG19ME032
22.	NIRANJAN V (Venkatesh V)	1SG19ME033
23.	NIRANJAN V	1SG19ME034
24.	NITHIN C	1SG19ME035
25.	RASHIKA	1SG19ME900
26.	AKASH B N	1SG20ME400
27.	ANKUSH G	1SG20ME401
28.	ARUN P	1SG20ME402
29.	BHARATH V	1SG20ME403
30.	BHOOSHAN NACHAPPA	1SG20ME404
31.	CHANNABASAPPA D V	1SG20ME405
32.	CHETHAN B	1SG20ME406
33.	CHETHAN KUMAR S	1SG20ME407
34.	HARSHITH H ACHARYA	1SG20ME408
35.	SANTHOSH N	1SG20ME417
36.	PURUSHOTHAM G S	1SG20ME418
37.	RAVEENDRA	1SG20ME419
38.	SANTHOSH N	1SG20ME420

Co-ordinator

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



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*Type of event/activity	Industrial Visit / Technical Talk					
Name/Title of the Activity/Event	Industrial Visit / Technical Talk					
Date of Organization	13/12/2022					
Venue (with address)	Central Manufacturing Technology Institute, Tumkur Road, Bangalore - 560 022. INDIA					
Organized by	DEPARTMENT OF MECHANICAL ENGINEERING					
Objectives of the event/activity	<ol> <li>To orient students on the industrial activities</li> <li>To demonstrate the operations / working of Robots and automation</li> <li>To encourage students to interact with the technical experts and gain knowledge.</li> </ol>					
Participants	46					
Mention organized /participated/attended	46 Students of 7 <sup>th</sup> semester took the test.					

## **Event Description:**

Career Preparation – Quantitative Aptitude test was conducted for 7<sup>th</sup> semester students of Mechanical Engineering. The test was organized to develop the reasoning and problem solving skills, to orient the students on the tests conducted during the placement drive and to encourage students to take up more aptitude tests and get practice for placements.

## Mapping of activity outcomes with POs

P01	PO2	P03	P04	PO5	P06	PO7	P08	P09	P010	P011	P012
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## \*Type of activity: Industrial Visit

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40.	PRAMODKUMAR H	1SG20ME414
41.	PURUSHOTHAM G S	1SG20ME415
42.	RAVEENDRA	1SG20ME416
43.	SANTHOSH N	1SG20ME417
44.	PURUSHOTHAM G S	1SG20ME418
45.	RAVEENDRA	1SG20ME419
46.	SANTHOSH N	1SG20ME420

Co-ordinator

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Department of Mechanical Engineering

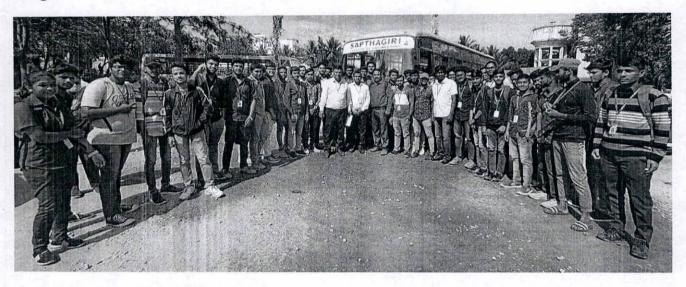
## List of students for CMTI Visit

### Date: 07/12/2022

SI. No.	NAME	USN				
1.	AKASH GOWDA N	1SG19ME005				
2.	ANIRUDDHA M	1SG19ME007				
3.	ARAVIND M	1SG19ME008				
4.	ASHWIN PURUSHOTHAM	1SG19ME009				
5.	ASHWIN R	1SG19ME010				
6.	BADRISH S	1SG19ME011				
7.	CHARITH A	1SG19ME012				
8.	CHRISTO KOSHY THOMAS	1SG19ME013				
9.	CLEMENT WILFRED WEIDLE	1SG19ME014				
10	DEEPAK CHAUHAN	1SG19ME015				
	DILIP KUMAR N R	1SG19ME016				
12	2 GURUCHARAN S	1SG19ME017				
1:	HARISH G	1SG19ME018				
14	HARISH K	1SG19ME019				
1:	5 HARSHITH GOWDA D S	1SG19ME020				
10	5 HEMANTH H N	1SG19ME021				
1'	7. JEEVANKUMAR H	1SG19ME023				
. 18	KARTHIK N	1SG19ME024				
19	KUSHAL V	1SG19ME025				
20	LOKESH GOWDA H M	1SG19ME026				
2	MD ASHIK ANSARI	1SG19ME027				
22	2. MOHAMMED JAVED	1SG19ME028				
23	MOHAMMED MAAZ	1SG19ME029				
24	I NEHA S GOWDA	1SG19ME031				
2:	5 NIKHIL R	1SG19ME032				
20	5 NIRANJAN V (Venkatesh V)	1SG19ME033				
	7 NIRANJAN V	1SG19ME034				
2	NITHIN C	1SG19ME035				
29	RASHIKA	1SG19ME900				
30	BHOOSHAN NACHAPPA	1SG20ME404				
3	CHANNABASAPPA D V	1SG20ME405				
32	2 CHETHAN B	1SG20ME406				
3:	3 CHETHAN KUMAR S	1SG20ME407				
34	HARSHITH H ACHARYA	1SG20ME408				
3:		1SG20ME409				
3	5 KAUSHIK P	1SG20ME410				
3'	7. LOKESH L	1SG20ME411				
3	NAGABHUSHAN N	1SG20ME412				

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## Images :



	on
le	chnology Pillars for Industry 4.0
	Date and Time 07 December, 2022, 2:00 PM-4:30 PM Venue M&P Building Auditorium, Central Manufacturing Technology Institute, Tumkur Road, Bangalore-560022
und Indu	objective of this master class session is to help participants to erstand the technology pillars which are the building blocks for istry 4.0 & smart manufacturing. The Session will be followed by the rt factory visit
ou	тсоме
The s	session provides an overview of:
• 11	ndustry 4.0 and Smart Manufacturing
• T	echnology pillars of Industry 4.0
• 1	he role of each Technology pillar in Industry 4.0
С	Speaker Shri. Prakash Vinod Scientist-F, Centre Head – SMPM entral Manufacturing Technology Institute Tumkur road, Bangalore-560022.

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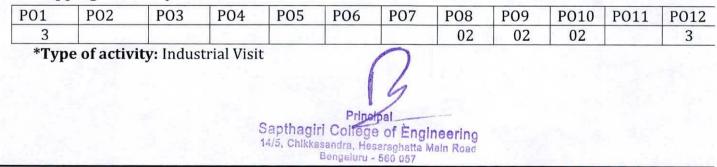
## DEPARTMENT OF MECHANICAL ENGINEERING

*Type of event/activity	Industrial Visit
Name/Title of the Activity/Event	Industrial Visit – Volvo Constructions Ltd.
Date of Organization	13/12/2022
Venue (with address)	Volvo Construction Ltd., Peenya, Bangalore
Organized by	DEPARTMENT OF MECHANICAL ENGINEERING
Objectives of the event/activity	<ol> <li>To orient students on the industrial activities</li> <li>To demonstrate the operations / working of construction equipment / machinery and automation.</li> <li>To encourage students to interact with the technical experts and gain knowledge.</li> </ol>
Participants	36
Mention organized /participated/attended	36 Students of 7 <sup>th</sup> semester attended the visit.

### **Event Description:**

Department of Mechanical Engineering organized an industrial visit for 7<sup>th</sup> semester Mechanical Engineering students on 13/12/2022 to Volvo Construction Ltd., Peenya, Bangalore. The visit was organized to orient students on the industrial activities, to demonstrate the operations / working of construction equipment and to encourage students to interact with the technical experts and gain knowledge

### Mapping of activity outcomes with POs



**Images:** 





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## **Department of Mechanical Engineering**

List of students for Volvo Constructions Ltd. Visit Date: 13/12/2022

1.ABIN JOSE2.AJITH S	1SG19ME001 1SG19ME003			
	100101 (5004			
3. AKASH B	1SG19ME004			
4. AKASH GOWDA N	1SG19ME005			
5. ANIRUDDHA M	1SG19ME007			
6. ARAVIND M	1SG19ME008			
7. ASHWIN PURUSHOTHAM	1SG19ME009			
8. ASHWIN R	1SG19ME010			
9. BADRISH S	1SG19ME011			
10 CHARITH A	1SG19ME012			
11 CHRISTO KOSHY THOMAS	1SG19ME013			
12 CLEMENT WILFRED WEIDLE	1SG19ME014			
13 DEEPAK CHAUHAN	1SG19ME015			
14 DILIP KUMAR N R	1SG19ME016			
15 GURUCHARAN S	1SG19ME017 1SG19ME029			
16 MOHAMMED MAAZ				
17 NEHA S GOWDA	1SG19ME031			
18 NIKHIL R	1SG19ME032			
19 NIRANJAN V (Venkatesh V)	1SG19ME033			
20 NIRANJAN V	1SG19ME034			
21 NITHIN C	1SG19ME035			
22 RASHIKA	1SG19ME900			
23 AKASH B N	1SG20ME400			
24 ANKUSH G	1SG20ME401			
25 HARSHITH H ACHARYA	1SG20ME408			
26 HRITHIK B	1SG20ME409			
27 KAUSHIK P	1SG20ME410			
28 LOKESH L	1SG20ME411			
29 NAGABHUSHAN N	1SG20ME412			
30 PRAJWAL C K	1SG20ME413			
31 PRAMODKUMAR H	1SG20ME414			
32 PURUSHOTHAM G S	1SG20ME415			
33 RAVEENDRA	1SG20ME416			
34 SANTHOSH N	1SG20ME417			
35 PURUSHOTHAM G S	1SG20ME418			
36 RAVEENDRA	1SG20ME419			

Co-oremator

Principal Sapthagiri College of Engineering 14/5, Chikkasandra, Hesaraghatta Main Road Bangaluru - 560 067

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DEPARTMENT OF MECHANICAL ENGINEERING

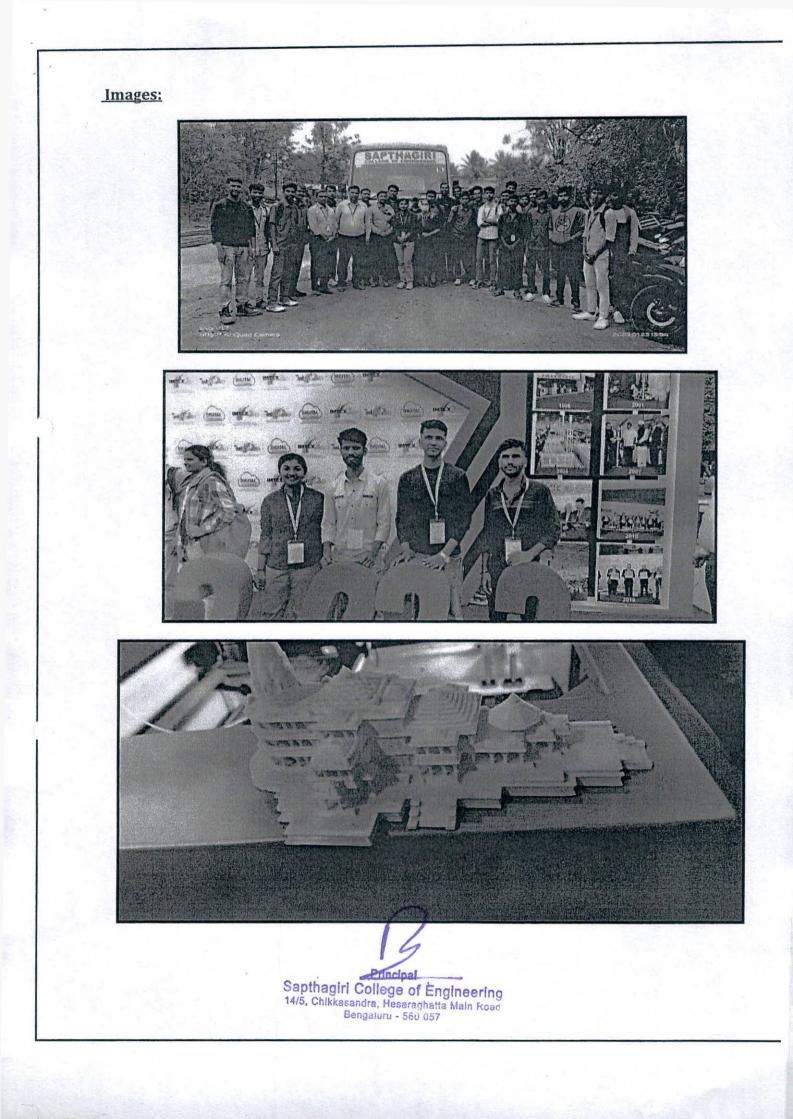
*Type of event/activity	Field Visit
Name/Title of the Activity/Event	Field Visit -IMTEX Exhibition
Date of Organization	23/01/2023
Venue (with address)	IMTEX -2023, Bengaluru International Exhibition Centre. 10th Mile, Tumkur Main Road, Madavara Post Dasanapura, Hobli, Bengaluru, Karnataka 562123.
Organized by	DEPARTMENT OF MECHANICAL ENGINEERING
Objectives of the event/activity	<ol> <li>To orient the students on latest cutting tools / machine tools used in industries.</li> <li>To motivate students to get inspired by the exhibition an take up mini / major projects</li> <li>To encourage students to participate in technical exhibition and enrich</li> </ol>
Participants	32
Mention organized /participated/attended	32 Students of Participated in the activity

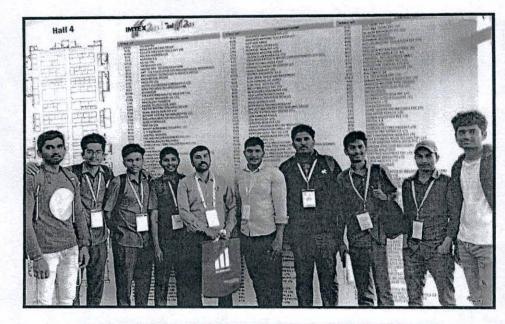
## **Event Description:**

A field visit to IMTEX 2023 was organized by the department of Mechanical Engineering on 23/01/2023 for 1<sup>st</sup> and 3<sup>rd</sup> semester Mechanical Engineering students. IMTEX 2023 was held in international Exhibition Centre. Latest tool / machine tool and techniques were displayed by the manufacturers. The visit was organized to, orient the students on latest cutting tools / machine tools used in industries, motivate students to get inspired by the exhibition an take up mini / major projects and to encourage students to participate in technical exhibition and enrich

### Mapping of activity outcomes with POs

P01	PO2	PO3	P04	P05	P06	P07	P08	P09	P010	P011	P012
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Typ	e of activ	ny. i iciu	v 151t		19						
				pthagiri (	Encipal						









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## **Department of Mechanical Engineering**

### Name of Student USN Sl. No ABITH E K 1SG21ME001 1. ADITHYA A MURTHY 2. 1SG21ME002 3. DODDA RAJU B R 1SG21ME003 GIRIJHA R MURTHY 4. 1SG21ME004 5. HARIKRISHNA S 1SG21ME005 6. HARSHITH H GOWDA 1SG21ME006 7. HEMANGIRI B 1SG21ME007 J SANTHOSH 8. 1SG21ME008 9. N PALLAVI 1SG21ME010 10. NANDAN HG 1SG21ME011 NAVEEN C 11. 1SG21ME012 12. NITHISH A 1SG21ME013 13. P LINIT REDDY 1SG21ME014 14. PRADEEPA L 1SG21ME015 SANJAY KUMAR H 1SG21ME017 15. 16. SHIVARAJ ARADHYA B M 1SG21ME018 SRINIVAS C 17. 1SG21ME019 SUDHARSAN L 1SG21ME020 18. 19. VINAY HK 1SG21ME021 AHMED AFZAL M 1SG22ME400 20. 21. BHARATH D K 1SG22ME401 CHANDAN A 1SG22ME402 22. GAHAN A D 23. 1SG22ME403 LIKHITH N 24. 1SG22ME404 25. MADHU CHANDRA V N 1SG22ME405 MANJU S 1SG22ME406 26. N.CHETHAN 1SG22ME407 27. NAGESH M 1SG22ME408 28. NAVEEN U 1SG22ME409 29. 30. PAVAN KUMAR B N 1SG22ME410 RAVI KUMAR H 1SG22ME411 31. 32. YESHWANTH B 1SG22ME412

## **List of Students Visited**

Co-ordinator<sup>()</sup>

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**Department of MECHANICAL ENGINEERING** 

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*Type of event/activity	Field Visit
Name/Title of the Activity/Event	Field Visit – Chitrakala Parishat
Date of Organization	13/01/2023
Venue (with address)	Karnataka Chitrakala Parishath Art Complex, 1, Kumarakrupa Rd, near The Lalit Hotel, Kumara Park East, Seshadripuram, Bengaluru, Karnataka 560001
Organized by	DEPARTMENT OF MECHANICAL ENGINEERING
Objectives of the event/activity	<ol> <li>To provide an opportunity for students to connect and interact with society.</li> <li>To provide an opportunity to experience the art, craft and mural designs of various artists.</li> <li>To motivate the students appreciate the art, craft and Indian culture.</li> </ol>
Participants (Please attach list of participants, if it is organized/conducted in the dept.))	13
Mention organized /participated/attended	Around 11 students of 3 <sup>rd</sup> semester along with two faculty members participated in the event.

## **Event Description:**

A field visit to see art and craft exhibition at Chitrakala Parishat was organized by the department of Mechanical Engineering on 13/1/2023. Students of 3<sup>rd</sup> Semester Mechanical Engineering along with faculty members visited the exhibition interacted with artists. The visit was organized to, provide an opportunity for students to connect and interact with society to provide an opportunity to experience the art, craft and mural designs of various artists and to motivate the students appreciate the art, craft and Indian culture.

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## Mapping of activity outcomes with POs

P01	PO2	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
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## \*Type of activity: Field Visit

## Images:







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**Department of Mechanical Engineering** 

List of students for Field Visit – Chitrakala Parishat

Date: 13/01/2023

Sl. No.	NAME	USN		
1.	ADITYA T BHAT	1SG22ME001		
2.	AKASH V	1SG22ME002		
3.	BASAVARAJ S	1SG22ME003		
4.	BHARATH H S	1SG22ME004		
5.	BHEEMA SHANKAR B S	1SG22ME005		
6.	CHANDAN R	1SG22ME006		
7.	GOWTHAM S	1SG22ME007		
8.	LOKESH B	1SG22ME008		
9.	PRASAD S GANIGER	1SG22ME011		
10.	RAKESH CHAUDHARY	1SG22ME012		
11.	SHARANGOUDA VEERABHADRAGOUD TURIHAL	1SG22ME013		
12.	SRUSHTI RAJU CHITTARAGI	1SG22ME014		
13.	VIDYA H J	1SG22ME015		

Co-ordinator

HOD

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(NBA Accredited)

*Type of event/activity	International Exhibition				
Name/Title of the Activity/Event	India Energy Week - Exhibition				
Date of Organization	07/02/2023				
Venue (with address)	International Exhibition Centre, Bangalore				
Organized by					
Objectives of the event/activity	<ol> <li>To create awareness in students on the various energy trends/ systems used.</li> <li>To provide an opportunity for students to interact with technical experts and the participants.</li> <li>To encourage students to participate in more exhibitions / events</li> </ol>				
Participants (Please attach list of participants, if it is organized/conducted in the dept.))	42				
Mention organized /participated/attended	Around 22 students from 3 <sup>rd</sup> and 1 <sup>st</sup> Semester				

## **Event Description:**

A visit to International exhibition centre was organized by the department of Mechanical Engineering for 3<sup>rd</sup> and 1<sup>st</sup> semester Mechanical Engineering students on 07/02/2023. The event was organized to create awareness in students on the various energy trends/ systems used, to provide an opportunity for students to interact with technical experts and the participants and to encourage students to participate in more exhibitions / events.

## Mapping of activity outcomes with POs

P01	PO2	PO3	P04	P05	P06	PO7	P08	P09	P010	P011	P012
02			17-11-1-		02	02	02	02	2		3
TIVD	e of activ	ITV: VISIT	to Exhib	ition		100					
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- 7 F	e er detti		CO LAIND		1	7					
- 5 P		ity i visit			Princ	cipel	•				
- 7 P					Prin iri Colleg kasandra, He	cipal Ie of Èng	ineering				







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

HOD-ME



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### **Department of Mechanical Engineering**

## List of students for Exhibition – India Energy Week

## Date: 07/02/2023

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SI. No	Name	USN		
1	ABITH E K	1SG21ME001		
2	ADITHYA A MURTHY	1SG21ME002		
3	DODDA RAJU B R	1SG21ME003		
4	GIRIJHA R MURTHY	1SG21ME004		
5	HARIKRISHNA S	1SG21ME005		
6	HARSHITH H GOWDA	1SG21ME006		
7	HEMANGIRI B	1SG21ME007		
8	J SANTHOSH	1SG21ME008		
9	N PALLAVI	1SG21ME010		
10	NANDAN HG	1SG21ME011		
11	NAVEEN C	1SG21ME012		
12	NITHISH A	1SG21ME013		
13	P LINIT REDDY	1SG21ME014		
14	PRADEEPA L	1SG21ME015		
15	SANJAY KUMAR H	1SG21ME017		
16	SHIVARAJ ARADHYA B M	1SG21ME018		
17	SRINIVAS C	1SG21ME019		
18	SUDHARSAN L	1SG21ME020		
19	VINAY H K	1SG21ME021		
20	AHMED AFZAL M	1SG22ME40		
21	BHARATH D K	1SG22ME401		
22	CHANDAN A	1SG22ME402		
23	GAHAN A D	1SG22ME403		
24	LIKHITH N	1SG22ME404		
25	MADHU CHANDRA V N	1SG22ME405		
26	MANJU S	1SG22ME406		
27	N.CHETHAN	1SG22ME407		
28	NAGESH M	1SG22ME408		
29	NAVEEN U	1SG22ME409		
30	PAVAN KUMAR B N	1SG22ME410		
31	RAVI KUMAR H	1SG22ME411		
32	YESHWANTH B	1SG22ME412		

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33	ADITYA T BHAT	1SG22ME001
34	AKASH V	1SG22ME002
35	BASAVARAJ S	1SG22ME003
36	BHARATH H S	1SG22ME004
37	BHEEMA SHANKAR B S	1SG22ME005
38	CHANDAN R	1SG22ME006
39	GOWTHAM S	1SG22ME007
40	LOKESH B	1SG22ME008
41	PRASAD S GANIGER	1SG22ME011
42	RAKESH CHAUDHARY	1SG22ME012



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## **Department of MECHANICAL ENGINEERING**

(NBA Accredited)

*Type of event/activity	Field Visit
Name/Title of the Activity/Event	Field Visit – Nandi hills and surrounding Temples
Date of Organization	13/03/2023
Venue (with address)	Nandi Hills
Organized by	Department of Mechanical & Civil Engineering in association with NSS.
Objectives of the event/activity	<ol> <li>To provide an opportunity for students to create awareness on natural resources.</li> <li>To provide an opportunity to appreciate the nature and its importance in our life.</li> <li>To motivate the students to conduct activities to preserve natural resources.</li> </ol>
Participants	13
Mention organized /participated/attended	Around 11 students of 3 <sup>rd</sup> semester along with two faculty members participated in the event.

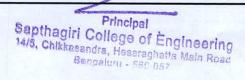
## **Event Description:**

A field visit to Nandi Hills and surrounding Temples was organized by the department of Mechanical Engineering on 13/3/2023. Students of 1rd Semester Mechanical Engineering along with faculty members visited the places. The visit was organized to, provide an opportunity for students to create awareness on natural resources, to provide an opportunity to appreciate the nature and its importance in our life, to provide an opportunity to appreciate the nature and its importance in our life and to To motivate the students to conduct activities to preserve natural resources.

## Mapping of activity outcomes with POs

P01	PO2	PO3	P04	P05	P06	P07	P08	P09	P010	P011	P012
2	1					_	2		2		3

Type of activity: Field Visit



**Images:** 













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Department of Mechanical Engineering

List of students for Field Visit – Nandi Hills

Date: 13/03/2023

Sl. No.	NAME	USN		
1.	ADITYA T BHAT	1SG22ME001		
2.	AKASH V	1SG22ME002		
3.	BASAVARAJ S	1SG22ME003		
4.	BHARATH H S	1SG22ME004		
5.	BHEEMA SHANKAR B S	1SG22ME005		
6.	CHANDAN R	1SG22ME006		
7.	GOWTHAM S	1SG22ME007		
8.	LOKESH B	1SG22ME008		
9.	PRASAD S GANIGER	1SG22ME011		
10.	RAKESH CHAUDHARY	1SG22ME012		
11.	SHARANGOUDA VEERABHADRAGOUD TURIHAL	1SG22ME013		
12.	SRUSHTI RAJU CHITTARAGI	1SG22ME014		
13.	VIDYA H J	1SG22ME015		

Co-ordinator

Professor & Head Department of Mechanical Engineering Sapthagiri College of Engineering Bengaluru - 560 057.

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Department of MECHANICAL ENGINEERING

(NBA Accredited)

*Type of event/activity	Field Visit			
Name/Title of the Activity/Event	Visit to Visvesvaraya Industrial & Technological Museum			
Date of Organization	21/07/2023			
Venue (with address)	Visvesvaraya Industrial & Technological Museum, 5216, Kasturba Rd, Near Chinna Swamy Stadium, Ambedkar Veedhi, Bengaluru, Karnataka 560001.			
Organized by	Department of Mechanical Engineering			
Objectives of the event/activity	<ol> <li>Provide an opportunity for students to see the working of various mechanism, models and machines.</li> <li>Encourage the students to apply the fundamental concepts of science and engineering.</li> <li>To create interest in students about concepts related to science and Engineering</li> <li>Encourage students to operate and feel the working of various mechanisms.</li> </ol>			
Participants	54			
Mention organized /participated/attended	54 students 1 <sup>st</sup> Semester Information Science and Engineering			

## **Event Description:**

Visit to Visvesvaraya Industrial and Technological Museum was organized by the department of Mechanical Engineering for first semester Information Science & Engineering students on 21/07/2023. The event was organized to, Provide an opportunity for students to see the working of various mechanism, models and machines, Encourage the students to apply the fundamental concepts of science and engineering, to create interest in students about the concepts related to Science & Engineering and to encourage students to operate and feel the working of various mechanisms.

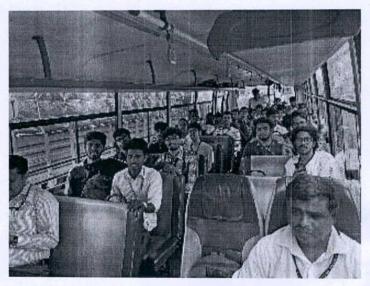
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## Mapping of activity outcomes with POs

PO1   P	202	PO3	P04	P05	P06	P07	P08	P09	P010	P011	P012
02				1	02	02	02	02	2		3

\*Type of activity: Field Visit





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**Department of Mechanical Engineering** 

## List of students for Visvesvaraya Industrial Museum

### Date: 21/07/2023

SI. No	USN	Name			
1	1SG21CS068	RADHA PRAKASH NAIR			
2	1SG21CS069	RAJASHREE C			
3	1SG21CS070	RAJEEV KUMAR			
4	1SG21CS071	RAJESH JANA			
5	1SG21CS072	RAKSHITHA C			
6	1SG21CS073	RAVI B TUBAKI			
7	1SG21CS074	REVATHI D			
8	1SG21CS075	RISHAV RAJ			
9	1SG21CS076	RISHU KUMAR SUREKA			
10	1SG21CS077	ROHIT KUMAR			
1	1SG21CS078	RUCHITHA N			
12	1SG21CS079	RUDRANSH BHARDWAJ			
13	1SG21CS080	S LIKHITH			
14	1SG21CS081	SAHANA S			
15	1SG21CS082	SAKSHI VERMA			
16	1SG21CS083	SAMEER AHAMED S			
17 1SG21CS084		084 SANDESH G C			
18	1SG21CS085	SANGEETHA M			
19	1SG21CS086	SANIHA S HAVANUR			
20	1SG21CS087	SANJANAA B A			
21	1SG21CS088	SHARAN TEJA KG			
22	1SG21CS089	SHARIKA M			
23	1SG21CS090	SHASHANK U			
24	1SG21CS091	SHASHI M N			
25	1SG21CS092	SHASHI VARDHAN			
26	1SG21CS093	SHEETHAL S			
27	1SG21CS094	SHILPA C R			
28	1SG21CS095	SHILPA M			
29	1SG21CS096	SHREYA P			
30	1SG21CS097	SHRINIDHI S			
31	1SG21CS098	SHUBHAM SINGH			
32	1SG21CS099	SHWETANG			
33	1SG21CS100	SHWETHA K			
34	1SG21CS102	SINCHANA NAGESH			

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35	1SG21CS103	SNEHA SAMANVITHA
36	1SG21CS104	SNEHA VINOD AGARWAL
37	1SG21CS105	SOURABH SHOKRAJ KANDAGA
38	1SG21CS106	SOWMESH S
39	1SG21CS107	SPOORTHI B P
40	1SG21CS108	SUHAS R
41	1SG21CS109	SUPRIYA SHRIKANTH HEGDE
42	1SG21CS110	SYEDA ZYNAB
43	1SG21CS111	TASVI V SHETTY
44	1SG21CS112	TEJAS A M
45	1SG21CS113	TEJASWINI M
46	1SG21CS114	THANUSHREE H M
47	1SG21CS115	THOMS JACOB T
48	1SG21CS116	UDAYA SHANKAR L
49	1SG21CS117	VARSHINI
50	1SG21CS118	VARUN N
51	1SG21CS119	VARUN P
52	1SG21CS120	VASANTH G
53	1SG21CS121	VIBHAVASU N B

Co-ordinator

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

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## **Department of MECHANICAL ENGINEERING**

### (NBA Accredited)

*Type of event/activity	Industrial Visit			
Name/Title of the Activity/Event	Visit to Eta Technologies			
Date of Organization	18/08/2023			
Venue (with address)	No. 484-D, 13th Cross, Rotary Udyog Road, 13th Cross Rd, Peenya Industrial Area Phase IV, Bangalore, Karnataka 560058			
Organized by	Department of Mechanical and Civil Engineering			
Objectives of the event/activity	<ol> <li>Orient the students on various industrial activities</li> <li>Provide opportunity to See the working of different mechanisms and machines</li> <li>Motivate the students to interact with technical personnel and improve practical knowledge.</li> </ol>			
Participants	48			
Mention organized /participated/attended	48 Students from 4 <sup>th</sup> and 2 <sup>nd</sup> Semester Mechanical and Cir Engineering participated in the event			

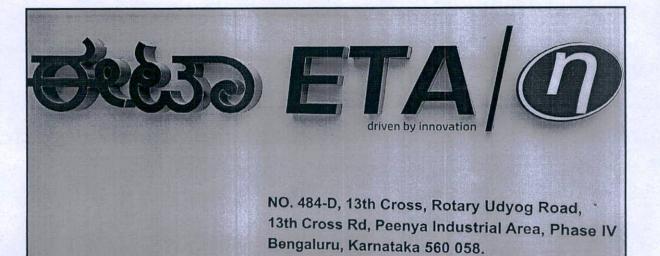
## **Event Description:**

Industrial visit was organized to Eta Technologies on 18/08/2023 for Students of 4<sup>th</sup> and 2<sup>nd</sup> Semester Mechanical and Civil Engineering. The visit was organized to, orient the students on various industrial activities ,to provide opportunity to See the working of different mechanisms and machines and to Motivate the students to interact with technical personnel and improve practical knowledge

P01	P02	PO3	DOA	DOF		1	-				
	102	FUS	P04	P05	P06	P07	P08	P09	P010	P011	DOID
03		- Alexandread		02			02			FUII	P012
*Ty	pe of acti	vity: Indu	Istrial Vi	icit	1		02		02		03

Type of activity: Industrial Visit

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Co-ordinator

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## Department of Mechanical Engineering

# List of students for Eta Technologies

### Date: 18/08/2023

SI. No.	NAME	USN			
1.		1SG19ME005			
2.		1SG19ME007			
3		1SG19ME008			
4. 5. 6.		1SG19ME009			
		1SG19ME010			
		1SG19ME011			
7		1SG19ME012			
8		1SG19ME013 1SG19ME014 1SG19ME015			
	. CLEMENT WILFRED WEIDLE				
1	0 DEEPAK CHAUHAN				
1	1. DILIP KUMAR N R	1SG19ME016			
1	2. GURUCHARAN S	1SG19ME017			
1	3 HARISH G	1SG19ME018			
1	4 HARISH K	1SG19ME019			
1	5 HARSHITH GOWDA D S	1SG19ME020			
1	6 HEMANTH H N	1SG19ME021			
1	7. JEEVANKUMAR H	1SG19ME023			
1	8 KARTHIK N	1SG19ME024			
1	9. KUSHAL V	1SG19ME025			
2	0 LOKESH GOWDA H M	1SG19ME026			
2	1. MD ASHIK ANSARI	1SG19ME027			
	2 MOHAMMED JAVED	1SG19ME027			
	3 MOHAMMED MAAZ	1SG19ME029			
	4. NEHA S GOWDA	1SG19ME029			
	5 NIKHIL R	1SG19ME032			
2	6. NIRANJAN V (Venkatesh V)	1SG19ME032			
2	7 NIRANJAN V	1SG19ME033			
2	8. NITHIN C	1SG19ME034			
2	9 RASHIKA	15G10ME035			
	0 AKASH B N	1SG19ME900			
3		1SG20ME400			
32		1SG20ME403			
33	CHANNABASAPPA D V	1SG20ME404			
34	CHETHAN B	1SG20ME405			
35		1SG20ME406			
30	HARSHITH H ACHARYA	1SG20ME407			
37	HRITHIK B	1SG20ME408			
38	KAUSHIK P	1SG20ME409 1SG20ME410			

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39	LOKESH L	1SG20ME411			
40	NAGABHUSHAN N	1SG20ME412			
41.	PRAJWAL C K	1SG20ME413			
42	PRAMODKUMAR H	1SG20ME414			
43	PURUSHOTHAM G S	1SG20ME415			
44.	RAVEENDRA	1SG20ME416			
45	SANTHOSH N	1SG20ME417			
46	PURUSHOTHAM G S	1SG20ME418			
47.	RAVEENDRA	1SG20ME419			
48	SANTHOSH N	1SG20ME420			

Co-ordinator

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