

# SAPTHAGIRI COLLEGE OF ENGINEERING

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

**JAN 2023**



## MISSION

- M1: To enable learning in emerging technologies adopting innovative methods.
- M2: To enhance ability, cultivate collaboration to bring change in building students approach towards society.
- M3: To make available platform for harnessing entrepreneurial and leadership qualities.
- M4: To partner continuously with industry to Inculcate practical knowledge.

## VISION

To be a potential quality source of expert computer engineers, addressing the requirements of industry and civic demands at large.

### SRI G. DAYANAND, CHAIRMAN



The “COMPU NET - The Information Hub” newsletter of the department of Computer Science & Engineering is providing great space for the students and faculty to pen down their innovative ideas, imagination and perceptions to showcase creativity. So, I take the opportunity to congratulate the Department of CSE and its editorial team to successful release of this issue. I am sure that students and faculty will find the content of this edition very interesting and educating.

### SRI G. D. MANOJ, EXECUTIVE DIRECTOR

I am indeed happy to share that department of Computer Science & Engineering is having its monthly newsletter “COMPU NET - The Information Hub”. I personally urge all faculty members and students of the department to make use of the platform to share and educate among themselves in publishing article pertaining to the emerging domain and interesting facts. I congratulate the team of Computer Science & Engineering editorial committee.



### PRINCIPAL'S DESK



It gives me immense pleasure to note that SCE has been publishing bi-annual newsletter and I am sure, this will provide an opportunity for the faculty and students to share their knowledge and beacon the information about various issues and activities that are being taking place in the department. I look forward for more activities and achievements for the department to march towards excellence in the future. I would like to thank all teaching, supporting staff and our beloved students for their active participation in publishing this magazine. My special compliments and congratulations to the editorial team of the department for their consistent effort in publishing this newsletter.

### DR. M H ANNAIAH, VICE-PRINCIPAL



I am very happy and delighted to know that our college is bringing out the college newsletter. SCE is one of the leading premier engineering colleges in the country offering quality technical education to students thereby enabling them to become globally acceptable engineers in their domains. The newsletter provides a platform for both faculty and students to showcase their achievements and hidden talents. I congratulate our beloved principal and members of the editorial board for bringing out this excellent and informative newsletter on time.

### HOD'S DESK



The Computer Science & Engineering Department was established in the year 2001 with an intake of 60 students and the current intake is 120 students. The department established a Research Centre in 2013, affiliated to VTU Belagavi. The department aims to produce engineering graduates with adequate theoretical and practical knowledge in the area of computer science so as to make them capable of design, implementation, development and maintenance of high-quality software products meeting industry standards. I am very proud to express that our department is coming out with a new venture that is a newsletter to share various events and thoughts that have happened.

## MINI PROJECT EXHIBITION

The Department of Computer Science & Engineering organized a Mini Project Exhibition on 16th ,August, 2022 for students of all the 4th semester students in both A & B sections. The students attended the session. The outcome of the PROJECT EXHIBITION was that students were able to show their project at a higher level and the process boosted their confidence. The inaugural of the project exhibition witnessed the presence of Dr.H Ramakrishna, principal, SCE, and Dr. Kamalakshi Naganna, HOD, CSE along with the faculties and staff members of Department of CSE,



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14/9, Chikkasandra, Hiesanghatta Wash Road, Bengaluru-560057, Karnataka, India.

**Department of Computer Science & Engineering**  
(Accredited by NBA)

**"Mini Project Exhibition  
for 4<sup>th</sup> Semester Students "**  
In Association with CSI Student Chapter

Date: 16-08-2022 at 2.00 P.M  
Venue: Faraday Block, Lab 201 & 202

**Staff Coordinators:**  
Prof. Divyamani M.K.  
Assistant Professor, CSE  
Prof. Akshatha Kamath  
Assistant Professor, CSE

**Chief Patrons:**  
Sri G.D Manoj,  
Executive Director, SCE

**Dr. H Ramakrishna**  
PRINCIPAL

**Conveners:**  
Dr. Kamalakshi Naganna  
Prof & Head, CSE



## ISRO UPSC INDUSTRIAL VISIT

A one day Industrial visit to **Indian Space Research Organization (ISRO)**, Bangalore was organized by the Department of Computer Science Engineering on 4th August 2022 with the lead role taken up by our beloved Head of the department **Dr. Kamalakshi Naganna** to organize the visit. It was a half day visit consisting of 60 students of 2 sections from 4th semester along with faculties **Prof. Akshatha Kamath** and **Prof. Divyamani**. The objective of the visit was to provide a Technical Exposure to the students about Space Technology and advancements in Technology.



## DEVELOPING ONLINE REPOSITORY OF STARTUPS DEVELOPED/INCUBATED AND WAY FORWARD PLAN

Every start-up has a chance to change the world, by bringing not just a new product, but an entirely new institution into existence. Department of Computer Science & Engineering organized a session on Developing Online Repository of Start-ups Developed/incubated and Way forward Plan in association with Institute's Innovation Council by organizing webinar on 27/08/2022 at 10.30 am to 11.30 am. In this program, the resource person of this session was Mr. Deepak Surya, Associate Technologist, Elait IT Technology Services Pvt Ltd, Former: Chief Technical Officer,Platon Services Private Limited.

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

In association with  
**Institution's Innovation Council & Computer Society of India and NDLI**

Is organizing webinar on  
**Developing Online Repository of Startups Developed/incubated and way forward plan**  
Date: 27-08-2022 Time:10:30 am-11:30 am  
Link: <https://meet.google.com/cvu-fqhc-dab>

**Chief Patrons**  
Sri. G. Dayamand  
Chairman, SCE  
Sri. G. D. Manoj  
Executive Director, SCE

**Resource Person:**  
**Mr. Deepak Surya**  
Associate technologist  
Elait IT Technology Services Pvt Ltd  
Former: Chief Technical Officer  
Platon Services Private Limited

**Staff Co-ordinators:**  
Dr. Lavanya N L  
Associate Professor, CSE, SCE

**Student Co-ordinators:**  
Jayanth M CSE, SCE  
Pandu Range Gowda CSE, SCE

**Convener:**  
Dr. Kamalakshi Naganna  
Prof & Head, CSE

**Dr. H Ramakrishna**  
Principal, SCE



## PLACEMENT PREPARATION

Alumni talk was conducted for the benefits of enhancing and improving the knowledge on 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> SEPTEMBER 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 in one language you are familiar with.

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

Organizing Alumni Talk on  
**"How to Prepare for Interview"**  
in Association with  
**COMPUTER SOCIETY OF INDIA STUDENT BRANCH**  
ON SATURDAY 17<sup>TH</sup> SEPTEMBER 2022  
11 AM - 11:30 AM

**MR. Vinay Mathew**  
Software Engineer, Cognizant

**Chief Patrons:**  
Sri. G. D. Manoj  
Executive Director, SCE

**Staff Co-ordinators:**  
Prof. Shobha K

**Convener:**  
Dr. Kamalakshi Naganna  
Prof & Head, CS&E

**Student Co-ordinators:**  
Pooja NM CSE, SCE

**Dr. H Ramakrishna**  
PRINCIPAL



## HANDS ON SESSION ON C PROGRAMMING

The Placement Training Session on C Programming was organized by Dept of CSE for higher semester students of Sapthagiri College of Engineering, Bangalore on 21<sup>st</sup> September 2022. In this Placement Training Session the resource person gave an idea about C programming as per industry standards . Students were interacting throughout the session and obtained enough knowledge about the topic by asking their doubts with the resource person.



## SPRING AND HIBERNATE

The Six day course was conducted for students to be familiar with the major concepts in “SPRING AND HIBERNATE” which is a main platform for their career .Certification Course became the vital step to improve the knowledge of students in the area of Spring and hibernate.

The following topics were discussed in the sessions :-

Basics of Java

Overview of Spring Framework

How simplify Application development in Spring

Overview of Hibernate Framework

Java ORM Frameworks



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**"Certification Course"**  
*Organized by Department of Computer Science & Engineering*  
Date: from 12/9/2022 to 17/9/2022



**Staff Coordinators:**  
Prof. Madhusree  
Assistant Professor, CSE

**Chief Patrons**  
**Sri. G. Dayanand**  
Chairman, SCE  
**Sri. G. D. Manoj**  
Executive Director, SCE



**Dr. Kamalakshi Naganna**  
HOD, CSE

**Dr. H Ramakrishna**  
Principal



## CERTIFICATION COURSE ON ADVANCED JAVA

The placement Training Session on Java Programming was organized by Dept of CSE for 5th semester students of Sapthagiri College of Engineering, Bangalore from 10/10/2022 - 15/10/2022. In this certification course resource persons gave an idea about Java programming as per industry standards. Students were interacting throughout the session and obtained enough knowledge about the topic by asking their doubts with the resource person. Hands-on sessions were helpful to improve the knowledge.



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**“Certification Course on Advanced JAVA”**  
Organized by Department of Computer Science & Engineering in  
association with Institution’s Innovation Council

Date: from  
10/10/2022 to 15/10/2022



**Chief Patrons**  
Sri. G. Dayanand  
Chairman, SCE  
Sri. G. D. Manoj  
Executive Director, SCE



INSTITUTION'S  
INNOVATION  
COUNCIL  
(Member of AICTE)

Staff Coordinators:  
Prof. Madhushree  
Prof. Anuradha B  
Assistant Professor, CSE

Dr. Kamalakshi Naganna  
HOD, CSE

Dr. H Ramakrishna  
Principal



## HANDS-ON SESSION ON C PROGRAMMING

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 enough knowledge about the topic by asking their doubts with the resource person.



## IBM SKILL BUILDING



Skill enhancement program was conducted for improving the communication and presentation skills for 3rd semester students of department of computer science engineering, saptagiri college of engineering, Bangalore on 14th October 2022 the following topics were discussed in the sessions:- Professionalism- Etiquettes: Communication Skills - Formal & pseudo- formal, Email writing, 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.

## EXTRACT TRANSFER LOAD USING TALEND TOOL

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14/1, Chikkasandra, Hesarghatta Main Road, Bengaluru-560057.  
**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**  
(Accredited by NBA)  
**Organizing Technical Talk on**  
**"Extract Transfer Load Using Talend Tool"**  
in Association with  
**COMPUTER SOCIETY OF INDIA STUDENT BRANCH & IIC**  
ON SATURDAY 15 OCT 2022  
**10:30 AM - 11:30 AM**

**Kunal S**  
System Engineer, TCS

**Staff Co-ordinators:**  
Prof. Shwetha A B  
Assistant Professor, CS&E  
Prof. Sheela Rani C M  
Assistant Professor, CS&E

**Chief Patrons:**  
Sri. G. D. Manoj  
Executive Director, SCE

**Convener:**  
Dr. Kamalakhshi Naganna  
Prof & Head, CS&E, SCE


**Dr. H Ramakrishna**  
PRINCIPAL

**Student Co-ordinators:**  
Mandara B G (CS&E) SCE  
Nidhi N Sattigori (CS&E, SCE)



The Technical talk on **EXTRACT TRANSFER LOAD USING TALEND TOOL** was organized by Dept. of CSE for higher semester students of Saptagiri 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 enough knowledge about the topic by asking their doubts with the resource person.

# KARUNADU TECHNOLOGIES PRIVATE LIMITED



## Sapthagiri College of Engineering

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14/5, Chikkasandra, Hesarghatta Main Road, Bengaluru - 560057, Karnataka, India.

### Department Of Computer Science & Engineering

[Accredited by NEA]

Organises  
**"Skill Enhancement Program"**  
in Association with Computer Society of India


Date: 15-10-2022 at 10.00 AM to 1 PM  
Venue: Room no 108

Staff Coordinators: Prof. Divyamani M K Assistant Professor, CSE Prof. Hemalatha K Assistant Professor, CSE	Sri. G. Dayanand Chairman, SCE	Chief Patron: Sri G.D Manoj, Executive Director, SCE	Dr. H Ramakrishna Principal Convener: Dr. Kamalakshi Naganna Prof & Head, CSE
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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 15th 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 enough knowledge about the topic by asking their doubts with the resource person.

## FEP ON PYTHON PROGRAMMING



### Faculty Enablement Program (FEP) on Python Programming

A Campus Connect Initiative



PROGRAM SCHEDULE	
Dates	October 17 - 21, 2022
Timings	10:00 AM – 4:00 PM

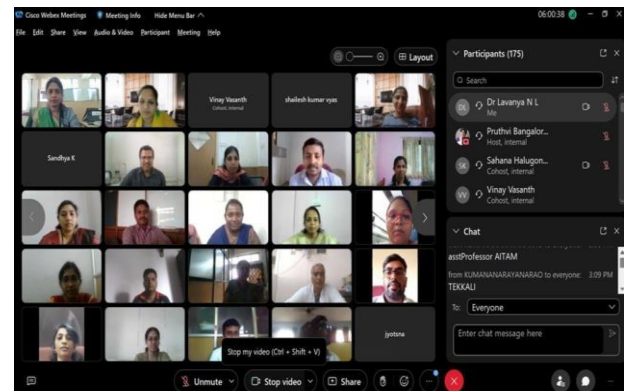
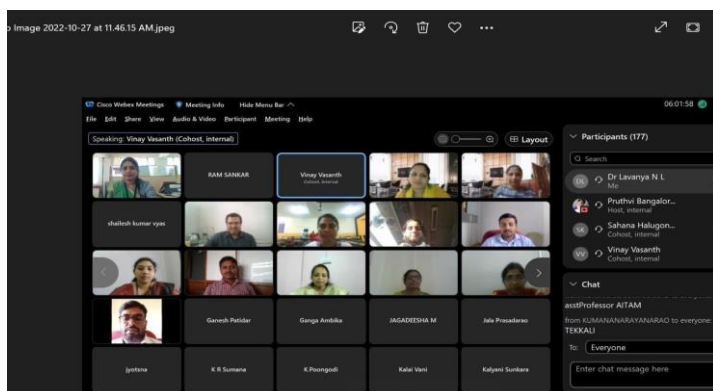
Note: 2:30 PM – 4:00 PM is self-learning and hands on practice session on all the days.

Please identify two faculty members subject to the following eligibility criteria:

- Should be a permanent member of faculty of the CSE / IT / ISE / MCA departments with experience ranging from 2 to 15 years
- The faculty member should be interested in driving student certification programs at the institution
- Faculty member should be registered on [Infosis Springboard](#) platform

[Click here to nominate](#)

Infosis team taught python programming online. Gave assessment regarding each concept. Suggested how to conduct a session and how to use the syntax on developing an application. Two faculties attended the session and issued certification by taking assessment on the topics. They learnt basic implementation of the language.



## HANDS-ON SESSION ON PYTHON PROGRAMMING LANGUAGE

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 enough knowledge about the topic by asking their doubts with the resource person.



## TECHNICAL SKILL DEVELOPMENT BY AMPERSHAND TECHNOLOGIES

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



Sapthagiri College of Engineering



Department Of Computer Science & Engineering  
(Approved by NBA)

Organizes  
"Skill Enhancement Program"  
in Association with Computer Society of India

Date: 22-10-2022 at 10.00 AM to 1 PM

Venue:  
ALH-109

Staff Coordinators:  
Prof. Divyamani M  
K  
Assistant Professor,  
CSE Prof.  
Hemalatha K  
Assistant Professor,  
CSE

Sri G.  
Dayanand  
Chairman,  
SCE

Chief Patron:  
Sri G.D Manoj,  
Executive Director,  
SCE.

Dr. H  
Rameshkrishna  
Principal  
Convener:  
Dr. Kamalashree  
Nagaraj  
Prof & Head, CSE





## CERTIFICATION COURSE ON INTRODUCTION TO OOC AND BASIC JAVA



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14/5, Chikkasandra, Hesarghatta Main Road, Bengaluru-560057.  
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING  
(Accredited by NBA)

**Certification Course on Introduction to OOC and Basic Java**

FROM 31<sup>ST</sup> OCTOBER TO 5<sup>TH</sup> NOVEMBER 2022  
VENUE: ALH -113

**Basics of Java programming**

- Variables
- Data Types
- Operators
- Loops
- Methods
- Classes
- Objects

**Chief Patrons:**

Sri. G. Dayanand  
Chairman, SCE

Sri. G. D. Manoj  
Executive Director, SCE

**Staff Co-ordinators:**

Prof. Akashtha Kamath  
Assistant Professor, CSSE

Prof. Shashi Rekha G  
Assistant Professor, CSSE

Dr. Kamalakshi Naganna  
Prof & Head, CSSE

Dr. H Ramakrishna  
PRINCIPAL



The placement Training Session on OOC and Java Programming was organized by Dept of CSE for 3<sup>rd</sup> semester students of Sapthagiri College of Engineering, Bangalore from 31/10/2022 - 05/11/2022. In this certification course resource persons gave an idea about OOC and Java programming as per industry standards. Students were interacting throughout the session and obtained enough knowledge about the topic by asking their doubts with the resource person. Hands-on sessions were helpful to improve the knowledge.

## HANDS-ON SESSION ON C++ PROGRAMMING

The Placement Training Session on C++ Programming was organized by Dept of CSE for higher semester students of Sapthagiri College of Engineering, Bangalore on 3<sup>rd</sup> November 2022 and 04<sup>th</sup> November 2022. In this Placement Training Session the resource person gave an idea about C++ programming concepts like structures, unions as per industry standards



## INTRODUCTION TO WEB 3.0



The Department of Computer Science & Engineering organized Technical talk on 18th November, 2022 for students of all the 3rd semester students in both A & B sections. The students attended the session. The outcome of the technical talk was that students were made aware of block chain and the emerging web3 space and introduction to new technology called context aware compute.

## POSTER PRESENTATION



Poster Presentation was conducted for the benefits of enhancing and improving the knowledge of students on various trending technologies with industry perspective for the 3<sup>RD</sup> Semester Students of Department of Computer Science and Engineering, Sapthagiri College of Engineering, Bangalore on 24<sup>th</sup> NOVEMBER 2022. The following topics were discussed in the sessions: - Extended reality, Internet of Things, Virtual Reality, Machine Learning, Artificial Intelligence, Block Chain, Intelligent Apps, Cloud Computing Etc.



# COOKING WITHOUT FIRE AND REGIONAL FOOD EXHIBITION

**SAPTHAGIRI COLLEGE OF ENGINEERING**  
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 14/5, Chikkasandra, Hesarghatta Main Road, Bengaluru-560057.

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  
**13-12-2022**

**FOOD WALK**  
 AS A PART OF SOCIAL CONNECT AND RESPONSIBILITY

**3rd SEMESTER**

**CHIEF PATRON**  
 SRI G. DAYANAND, CHAIRMAN CSE      SRI G.D.MANOJ, EXECUTIVE DIRECTOR

**DR. H RAMAKRISHNA**  
 PRINCIPAL CSE

**DR. KAMALAKSHI NAGANNA**  
 HOD CSE

**STAFF COORDINATORS**  
 Prof. Shobha K  
 Prof. Er. Rakesh S.K

**VENUE:**  
 Academic block  
 class room 112 & 113

**STUDENT COORDINATORS**  
 Harshala Dolly L  
 Kushal Gowda D  
 Shreya P  
 Tejaswini Gowda



The Food Walk was organized as part of the Social Connect & Responsibility. Students of 3<sup>rd</sup> Semester Actively participated. All Students Exhibited cooking without fire and Regional foods of their choice. This Event was organized as part of the 3<sup>rd</sup> Semester Students Social Connect & Responsibility Syllabus Module-5 .The Principal addressed the gathering and advised the students for the need of knowing about the food preparation. The Judges were allotted to judge the Variety of Food. The Winners of the Event were also announced.

## MOCK TEST

Y	Timestamp	Email Address	Score	NAME	USN	SEM
39	12/14/2022 10:34:10	lavanyagowda3935@gmail.com	48/60	Lavanya C	19G19CS002	7th B
40	12/14/2022 10:36:17	chandannm20@gmail.com	60/60	Chandana V M	19G19CS018	7th B
41	12/14/2022 10:39:20	harshahgowda451@gmail.com	60/60	Harshitha V	19G19CS035	7th & CSE B
42	12/14/2022 10:36:52	venuramaadhav1@gmail.com	48/60	N VENU MAADHAV	19G19CS068	7th A
43	12/14/2022 10:44:37	shreyasathman16@gmail.com	60/60	Chandana G	19G19CS019	7th B
44	12/14/2022 10:40:11	sanchana12@gmail.com	45/60	Sanchana H T	19G19CS090	7th B
45	12/14/2022 10:40:18	santhoshkumar2001@gmail.com	44/60	SAHITHI S K	19G19CS094	7th B
46	12/14/2022 10:44:37	shreyasathman16@gmail.com	21/60	Bhavya Vaishnavi	19G19CS019	7th B
47	12/14/2022 10:45:29	varunraju1103@gmail.com	48/60	Varun S Raju	19G19CS119	7th B
48	12/14/2022 10:47:03	seethalakshmi7@gmail.com	49/60	Chaitanya B V	19G19CS024	7th B
49	12/14/2022 10:57:51	chethanagowda41320001@gmail.com	17/60	Chitra P	19G19CS023	7th A
50	12/14/2022 11:11:33	koushikaraj55@gmail.com	49/60	Manas Krishna	19G19CS056	7th A
51	12/14/2022 11:11:34	kraviprasad4@gmail.com	49/60	Kumar Swapnil	19G19CS081	7th A
52	12/14/2022 11:12:01	kompanish2@gmail.com	49/60	Kavya Chandra Ray	19G19CS047	7th A
53	12/14/2022 11:12:51	kompanish2@gmail.com	53/60	Laksh Krishna S G	19G19CS044	7th and A
54	12/14/2022 11:12:51	kompanish2@gmail.com	28/60	Rohit H S	19G19CS058	7th B
55	12/14/2022 11:19:51	rajnikant70701@gmail.com	40/60	Amoghika Nateskar J	19G19CS009	7th A
56	12/14/2022 11:19:51	rajnikant70701@gmail.com	40/60	Amoghika Nateskar J	19G19CS009	7th B
57	12/14/2022 11:19:51	rajnikant70701@gmail.com	40/60	Amoghika Nateskar J	19G19CS009	7th C
58	12/14/2022 11:24:05	psasiragowda2007@gmail.com	18/60	Pooja N M	19G19CS079	7th B
59	12/14/2022 11:24:05	psasiragowda2007@gmail.com	40/60	Neelva Varadana	19G19CS098	7th B
60	12/14/2022 11:24:05	psasiragowda2007@gmail.com	48/60	Deekshith D D	19G19CS029	7th A
61	12/14/2022 11:24:05	psasiragowda2007@gmail.com	40/60	Supriya M	19G19CS111	7th A
62	12/14/2022 11:27:02	sharananjan2001@gmail.com	48/60	Bhuvanjan S Balakrishna	19G19CS015	7th sem A
63	12/14/2022 11:27:02	sharananjan2001@gmail.com	48/60	Bhuvanjan S Balakrishna	19G19CS015	7th sem B
64	12/14/2022 11:27:02	sharananjan2001@gmail.com	48/60	Bhuvanjan S Balakrishna	19G19CS015	7th sem C
65	12/14/2022 11:27:02	sharananjan2001@gmail.com	48/60	Bhuvanjan S Balakrishna	19G19CS015	7th sem D
66	12/14/2022 11:27:02	sharananjan2001@gmail.com	48/60	Bhuvanjan S Balakrishna	19G19CS015	7th sem E
67	12/14/2022 11:27:02	sharananjan2001@gmail.com	48/60	Bhuvanjan S Balakrishna	19G19CS015	7th sem F
68	12/14/2022 11:27:02	sharananjan2001@gmail.com	48/60	Bhuvanjan S Balakrishna	19G19CS015	7th sem G
69	12/14/2022 11:27:02	sharananjan2001@gmail.com	48/60	Bhuvanjan S Balakrishna	19G19CS015	7th sem H
70	12/14/2022 11:27:02	sharananjan2001@gmail.com	48/60	Bhuvanjan S Balakrishna	19G19CS015	7th sem I
71	12/14/2022 11:27:02	sharananjan2001@gmail.com	48/60	Bhuvanjan S Balakrishna	19G19CS015	7th sem J
72	12/14/2022 11:27:02	sharananjan2001@gmail.com	48/60	Bhuvanjan S Balakrishna	19G19CS015	7th sem K
73	12/14/2022 11:27:02	sharananjan2001@gmail.com	48/60	Bhuvanjan S Balakrishna	19G19CS015	7th sem L
74	12/14/2022 11:27:02	sharananjan2001@gmail.com	48/60	Bhuvanjan S Balakrishna	19G19CS015	7th sem M
75	12/14/2022 11:27:02	sharananjan2001@gmail.com	48/60	Bhuvanjan S Balakrishna	19G19CS015	7th sem N
76	12/14/2022 11:27:02	sharananjan2001@gmail.com	48/60	Bhuvanjan S Balakrishna	19G19CS015	7th sem O
77	12/14/2022 11:27:02	sharananjan2001@gmail.com	48/60	Bhuvanjan S Balakrishna	19G19CS015	7th sem P
78	12/14/2022 11:27:02	sharananjan2001@gmail.com	48/60	Bhuvanjan S Balakrishna	19G19CS015	7th sem Q
79	12/14/2022 11:27:02	sharananjan2001@gmail.com	48/60	Bhuvanjan S Balakrishna	19G19CS015	7th sem R
80	12/14/2022 11:27:02	sharananjan2001@gmail.com	48/60	Bhuvanjan S Balakrishna	19G19CS015	7th sem S
81	12/14/2022 11:27:02	sharananjan2001@gmail.com	48/60	Bhuvanjan S Balakrishna	19G19CS015	7th sem T
82	12/14/2022 11:27:02	sharananjan2001@gmail.com	48/60	Bhuvanjan S Balakrishna	19G19CS015	7th sem U
83	12/14/2022 11:27:02	sharananjan2001@gmail.com	48/60	Bhuvanjan S Balakrishna	19G19CS015	7th sem V
84	12/14/2022 11:27:02	sharananjan2001@gmail.com	48/60	Bhuvanjan S Balakrishna	19G19CS015	7th sem W
85	12/14/2022 11:27:02	sharananjan2001@gmail.com	48/60	Bhuvanjan S Balakrishna	19G19CS015	7th sem X
86	12/14/2022 11:27:02	sharananjan2001@gmail.com	48/60	Bhuvanjan S Balakrishna	19G19CS015	7th sem Y
87	12/14/2022 11:27:02	sharananjan2001@gmail.com	48/60	Bhuvanjan S Balakrishna	19G19CS015	7th sem Z
88	12/14/2022 11:27:02	sharananjan2001@gmail.com	48/60	Bhuvanjan S Balakrishna	19G19CS015	7th sem AA
89	12/14/2022 11:27:02	sharananjan2001@gmail.com	48/60	Bhuvanjan S Balakrishna	19G19CS015	7th sem AB
90	12/14/2022 11:27:02	sharananjan2001@gmail.com	48/60	Bhuvanjan S Balakrishna	19G19CS015	7th sem AC
91	12/14/2022 11:27:02	sharananjan2001@gmail.com	48/60	Bhuvanjan S Balakrishna	19G19CS015	7th sem AD
92	12/14/2022 11:27:02	sharananjan2001@gmail.com	48/60	Bhuvanjan S Balakrishna	19G19CS015	7th sem AE
93	12/14/2022 11:27:02	sharananjan2001@gmail.com	48/60	Bhuvanjan S Balakrishna	19G19CS015	7th sem AF
94	12/14/2022 11:27:02	sharananjan2001@gmail.com	48/60	Bhuvanjan S Balakrishna	19G19CS015	7th sem AG
95	12/14/2022 11:27:02	sharananjan2001@gmail.com	48/60	Bhuvanjan S Balakrishna	19G19CS015	7th sem AH
96	12/14/2022 11:27:02	sharananjan2001@gmail.com	48/60	Bhuvanjan S Balakrishna	19G19CS015	7th sem AI
97	12/14/2022 11:27:02	sharananjan2001@gmail.com	48/60	Bhuvanjan S Balakrishna	19G19CS015	7th sem AJ
98	12/14/2022 11:27:02	sharananjan2001@gmail.com	48/60	Bhuvanjan S Balakrishna	19G19CS015	7th sem AK
99	12/14/2022 11:27:02	sharananjan2001@gmail.com	48/60	Bhuvanjan S Balakrishna	19G19CS015	7th sem AL
100	12/14/2022 11:27:02	sharananjan2001@gmail.com	48/60	Bhuvanjan S Balakrishna	19G19CS015	7th sem AM

Y	Timestamp	Email Address	Score	NAME	USN	SEM
1	12/14/2022 14:53:48	vidyashree10@gmail.com	16/60	Vidyaashree S	19G19CS121	7th B
2	12/14/2022 15:12:24	vidyashree@chackragowda.com	29/60	Vidhya Krishna	19G19CS120	7th B
3	12/14/2022 15:17:19	shashitha220@gmail.com	31/60	Harshitha S	19G19CS034	7th A
4	12/14/2022 15:22:31	chandradeshpande237@gmail.com	28/60	Manasa F	19G19CS096	7th A
5	12/14/2022 15:23:54	vinayak319@gmail.com	51/60	Chandrala P Deshpande	19G19CS020	7th A
6	12/14/2022 15:24:44	kokilagaraju51@gmail.com	21/60	Ashu	179933seke	9.2
7	12/14/2022 15:27:35	shethum201@gmail.com	32/60	Kavita N	19G19CS049	7th A
8	12/14/2022 15:29:26	meghaheerakusban@gmail.com	20/60	Chetana R Kanger	19G19CS022	7th A
9	12/14/2022 15:32:47	rajshah950@gmail.com	56/60	Eklavali Meghana	19G19CS030	7th A
10	12/14/2022 15:30:14	21mayank@gmail.com	50/60	IFR SAHAR	19G19CS037	7th A
11	12/14/2022 15:30:14	21mayank@gmail.com	64/60	Naveed Timwar	19G19CS098	7th B
12	12/14/2022 15:31:09	tanviavdesai@gmail.com	84/60	Mayank Raj	19G19CS000	7th A
13	12/14/2022 15:32:39	officialrajyadav@gmail.com	30/60	Sudha Manjunath Nair	19G19CS113	7th B
14	12/14/2022 15:32:39	officialrajyadav@gmail.com	44/60	Rahul Yadav	19G19CS032	7th B
15	12/14/2022 15:32:39	officialrajyadav@gmail.com	54/60	Prasanth Sharma	19G19CS072	7th B
16	12/14/2022 15:32:39	officialrajyadav@gmail.com	30/60	Anshu Kumar	19G19CS006	7th A
17	12/14/2022 15:32:39	officialrajyadav@gmail.com	37/60	Anshu Kumar	19G19CS008	7th A
18	12/14/2022 15:32:39	officialrajyadav@gmail.com	14/60	Akshay S	19G19CS003	7th A
19	12/14/2022 15:32:39	officialrajyadav@gmail.com	55/60	Rahul Kumar	19G19CS104	7th B
20	12/14/2022 15:32:39	officialrajyadav@gmail.com	55/60	Rahul Kumar	19G19CS104	7th B
21	12/14/2022 15:32:39	officialrajyadav@gmail.com	55/60	Rahul Kumar	19G19CS104	7th B
22	12/14/2022 15:32:39	officialrajyadav@gmail.com	55/60	Rahul Kumar	19G19CS104	7th B
23	12/14/2022 15:32:39	officialrajyadav@gmail.com	55/60	Rahul Kumar	19G19CS104	7th B
24	12/14/2022 15:32:39	officialrajyadav@gmail.com	55/60	Rahul Kumar	19G19CS104	7th B
25	12/14/2022 15:32:39	officialrajyadav@gmail.com	55/60	Rahul Kumar	19G19CS104	7th B
26	12/14/2022 15:32:39	officialrajyadav@gmail.com	55/60	Rahul Kumar	19G19CS104	7th B
27	12/14/2022 15:32:39	officialrajyadav@gmail.com	55/60	Rahul Kumar	19G19CS104	7th B
28	12/14/2022 15:32:39	officialrajyadav@gmail.com	55/60	Rahul Kumar	19G19CS104	7th B
29	12/14/2022 15:32:39	officialrajyadav@gmail.com	55/60	Rahul Kumar	19G19CS104	7th B
30	12/14/2022 15:32:39	officialrajyadav@gmail.com	55/60	Rahul Kumar	19G19CS104	7th B
31	12/14/2022 15:32:39	officialrajyadav@gmail.com	55/60	Rahul Kumar	19G19CS104	7th B
32	12/14/2022 15:32:39	officialrajyadav@gmail.com	55/60	Rahul Kumar	19G19CS104	7th B
33	12/14/2022 15:32:39	officialrajyadav@gmail.com	55/60	Rahul Kumar	19G19CS104	7th B
34	12/14/2022 15:32:39	officialrajyadav@gmail.com	55/60	Rahul Kumar	19G19CS104	7th B
35	12/14/2022 15:32:39	officialrajyadav@gmail.com	55/60	Rahul Kumar	19G19CS104	7th B
36	12/14/2022 15:32:39	officialrajyadav@gmail.com	55/60	Rahul Kumar	19G19CS104	7th B
37	12/14/2022 15:32:39	officialrajyadav@gmail.com	55/60	Rahul Kumar	19G19CS104	7th B
38	12/14/2022 15:32:39	officialrajyadav@gmail.com	55/60	Rahul Kumar	19G19CS104	7th B
39	12/14/2022 15:32:39	officialrajyadav@gmail.com	55/60	Rahul Kumar	19G19CS104	7th B
40	12/14/2022 15:32:39	officialrajyadav@gmail.com	55/60	Rahul Kumar	19G19CS104	7th B
41	12/14/2022 15:32:39	officialrajyadav@gmail.com	55/60	Rahul Kumar	19G19CS104	7th B
42	12/14/2022 15:32:39	officialrajyadav@gmail.com	55/60	Rahul Kumar	19G19CS104	7th B
43	12/14/2022 15:32:39	officialrajyadav@gmail.com	55/60	Rahul Kumar	19G19CS104	7th B
44	12/14/2022 15:32:39	officialrajyadav@gmail.com	55/60	Rahul Kumar	19G19CS104	7th B
45	12/14/2022 15:32:39	officialrajyadav@gmail.com	55/60	Rahul Kumar	19G19CS104	7th B
46	12/14/2022 15:32:39	officialrajyadav@gmail.com	55/60	Rahul Kumar	19G19CS104	7th B
47	12/14/2022 15:32:39	officialrajyadav@gmail.com	55/60	Rahul Kumar	19G19CS104	7th B
48	12/14/2022 15:32:39	officialrajyadav@gmail.com	55/60	Rahul Kumar	19G19CS104	7th B
49	12/14/2022 15:32:39	officialrajyadav@gmail.com	55/60	Rahul Kumar	19G19CS104	7th B
50	12/14/2022 15:32:39	officialrajyadav@gmail.com	55/60	Rahul Kumar	19G19CS104	7th B

The Mock Test on Programming and aptitude was organized by Dept of CSE for higher semester students of Saptagiri College of Engineering, Bangalore on 14<sup>th</sup> of December. In this Mock Test students technical and aptitude ability was tested as per industry standards .

## MOCK TEST

**Sapthagiri College of Engineering**  
 Affiliated to VTU Belagavi, Approved by AICTE, NEW DELHI, Accredited by NBA, NAAC with 'A' Grade  
 (ISO 9001:2005 & ISO 14001:2005 Certified Institute)  
 14/5, Chikkasandra, Hosarghatta Main Road, Bengaluru-560057.  
**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**  
 (Accredited by NBA)  
**Organizing Seminar on**  
**"Preparation required for Abroad Studies"**  
 in Association with  
**COMPUTER SOCIETY OF INDIA STUDENT BRANCH**  
**ON FRIDAY 16<sup>TH</sup> DEC 2022**  
**9:30 AM - 10:30 AM**

**Ajaz Ahmed**  
 Business Development Manager,  
 Edviate Consulting Bangalore

**Sri G. Dayanand**  
 Chairman, SCE

**Chief Patrons:**  
**Sri G. D. Manoj**  
 Executive Director, SCE

**Dr. H Ramakrishna**  
 PRINCIPAL

**Staff Co-ordinators:**  
**Prof. Vanitha T N**  
 Assistant Professor, CS&E

**Convenor:**  
**Dr. Kamalakshi Naganna**  
 Prof & Head, CS&E

**Student Co-ordinators:**  
**Pooja N M CS&E, SCE**  
**Nidhi N Salligeri CS&E, SCE**



This seminar was conducted for the benefits of enhancing and improving the knowledge how to prepare for the studying in Abroad, its procedures, application, visa etc for the 7<sup>TH</sup> Semester Students of Department of Computer Science and Engineering, Sapthagiri College of Engineering, Bangalore on 16<sup>th</sup> DECEMBER 2022. The following topics were discussed in the sessions:-Process to be followed to study abroad, career path, salary comparison, becoming an experienced professional etc .

## INDUSTRIAL VISIT

**SAPTHAGIRI COLLEGE OF ENGINEERING**  
 (Affiliated to Visvesvaraya Technological University, Belagavi & approved by AICTE, New Delhi)  
 NAAC Accredited "A" Grade Institute, NBA Accredited  
 ISO 9001:2015 & 14001:2015 Certified Institute  
 #14/5, Chikkasandra, Hosargatta Main Road, Bengaluru - 560057  
 Web: www.sapthagiri.edu.in, Email: principal@sapthagiri.edu.in  
 Phone: 080-28 372800/1/2 Fax: 080-28 372797  
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  
 Academic Year: ODD/2022-2023



**Industrial Visit to ISRO**

**Semester: 3rd 'A' & 'B' Section** **Date: 20/12/2022**

Sl no.	USN	Name	Sl no.	USN	Name
1	1SG21CS002	ADARSH M	38	1SG21CS076	RISHU KUMAR SUREKA
2	1SG21CS004	AISHWARYA	39	1SG21CS078	RUCHITHA N
3	1SG21CS025	GANESH	40	1SG21CS080	S LIKHITH
4	1SG21CS008	ARYAN ROHAN	41	1SG21CS007	ANTARIKSHA RAMAN
5	1SG21CS010	ASHIQ KUMAR H	42	1SG21CS084	SANDESH G C
6	1SG21CS035	JEEVAN H	43	1SG21CS086	SANIHA S HAVANUR
7	1SG21CS014	BHARGAV G B	44	1SG21CS088	SHARAN TEJA KG
8	1SG21CS016	BRUNDA HC	45	1SG21CS090	SHASHANK U
9	1SG21CS018	DARSHAN GOWDA V	46	1SG21CS092	SHASHI VARDHAN
10	1SG21CS020	DEEKSHITH H Y	47	1SG21CS094	SHILPA C R
11	1SG21CS022	DEBUTI G RAG	48	1SG21CS096	SHEENA P
12	1SG21CS024	G V ABHISHEK JAI HARIN	49	1SG21CS001	ABHAY SURYA
13	1SG21CS026	HADAPADA RADHIKA	50	1SG21CS100	SHWETHA K
14	1SG21CS028	HARSHA V	51	1SG21CS103	SNEHA SAMANVITHA
15	1SG21CS041	KUSHAL	52	1SG21CS105	SOURABH SHOKRAJ KANDAGA
16	1SG21CS032	HEMANTH R	53	1SG21CS107	SPOORTHI B P
17	1SG21CS034	JANAVI R N	54	1SG21CS109	SUPRIYA SHRIKANTH HEGDE
18	1SG21CS036	KAVYA N V	55	1SG21CS111	TASVI V SHETTY
19	1SG21CS114	THANUSHREE	56	1SG21CS113	TEJASWINI M
20	1SG21CS069	RAJASHREE	57	1SG21CS115	THOMAS JACOB T
21	1SG21CS042	KUSHAL KUMAR G	58	1SG21CS117	VARSHINI
22	1SG21CS044	KUSUMA H R	59	1SG21CS119	VARUN P
23	1SG21CS047	MAHESH A R	60	1SG21CS029	HARSHALA D
24	1SG21CS048	MANOJ KUMAR N	61	1SG21CS123	FASHASWINI T
25	1SG21CS050	MEGHANA H	62	1SG21CS051	MEGHANATH R
26	1SG21CS052	MOHAN KUMAR H R	63	COB	SPANDANA H S
27	1SG21CS054	MONI SHREE M	64	PROF	PROF RAKESH KALSHETTY
28	1SG21CS056	NAGABHUSHAN B	65	PROF	PROF SHOBHA K
29	1SG21CS058	NIDHI A M			
30	1SG21CS060	P P AVINASH			
31	1SG21CS062	PARNITH GOWDA G			
32	1SG21CS064	PRAJWAL GOWDA			
33	1SG21CS066	PRAVEEN			
34	1SG21CS068	RADHA PRAKASH NAIR			
35	1SG21CS070	RAJEEV KUMAR			
36	1SG21CS072	RAKSHITHA C			
37	1SG21CS074	REVATHI D			

HOD  
 Dept. of Computer Science & Engineering  
 Sapthagiri College of Engineering  
 Bengaluru - 57



Industrial Visit was conducted for the benefits of enhancing and improving the knowledge of students on various Real time Scenarios and trending technologies with industry perspective for the 3<sup>RD</sup> Semester Students of Department of Computer Science and Engineering, Sapthagiri College of Engineering, Bangalore on 20<sup>th</sup> DECEMBER 2022. The following topics were discussed in the sessions: - Satellite Building, Outer space Activities, ISRO Development, Contribution of U R Rao satellite center towards nation building Etc

# COMPUNET

**SAPTHAGIRI COLLEGE OF ENGINEERING**  
(ISO 9001:2015 & ISO 14001:2015 Certified)  
14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057  
Accredited by NAAC with 'A' Grade

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  
Accredited by NBA  
IN ASSOCIATION WITH  
Institution's Innovation Council and Computer Society Of India

Presents  
**COMPUNET**

- Coding and Debugging
- Group Discussion
- Digital Poster making
- Pick and Speak

Date: 26/12/2022  
27/12/2022  
Venue: Academic Block

- Quiz
- CosPlay
- Icebreaker
- Singing
- Dance

**CHIEF PATRON**  
Sri G Dayanand      Sri G D Manoj  
Chairman, SCE      Exec Dir, SCE

Dr. H Ramakrishna      Dr. Kamalakshi Naganna  
Principal, SCE      CSE HOD, SCE

**Staff Coordinators**  
Prof. Madhusree  
Prof. Shashi Rekha G  
Prof. Swetha B N

**Student Coordinators**  
Rohith S  
Mandhara B.G  
Chandana V  
Ganesh Prasad U

Link to register <https://forms.gle/6w1V7114mfkfw3Ww7>



The Department of Computer Science & Engineering organized COMPUNET on 26<sup>TH</sup> AND 27<sup>TH</sup> th December, 2022 for students of all the 3<sup>rd</sup>, 5<sup>th</sup> and 7<sup>th</sup> semester students . The students attended the event. The outcome of the COMPUNET was that students were given a platform to showcase their talent.

<b>SL NO.</b>	<b>FACULTY NAMES</b>	<b>FDP TITLES</b>	<b>DATES</b>	<b>NO. OF DAYS</b>	<b>PLACE</b>
01	<b>DR. KAMALAKSHI NAGANNA</b>	DEVELOPING AND DEPLOYING SPRING BOOT MICROSERVICES ON KUBERNET CLUSTER	22 <sup>ND</sup> -26 <sup>TH</sup> AUG 2022	5	RAMAIAH INSTITUTE OF TECHNOLOGY BENGALURU
02	<b>PROF. MADHUSHREE</b>	FEATURE ENGINEERING IN DATA SCIENCE DEEP LEARNING MODLES	25 <sup>TH</sup> -29 <sup>TH</sup> AUG 2022	5	GAT,BENGALURU
03	<b>PROF. LATHA A</b>	FEATURE ENGINEERING IN DATA SCIENCE DEEP LEARNING MODLES	25 <sup>TH</sup> -29 <sup>TH</sup> AUG 2022	5	GAT,BENGALURU
04	<b>DR. LAVANYA N.L</b>	PROGRAMMING FUNDAMENTALS USING PYTHON	17 <sup>TH</sup> -21 <sup>ST</sup> OCT 2022	5	BENGALURU
05	<b>SHWETHA A.B</b>	PROGRAMMING FUNDAMENTALS USING PYTHON	24 <sup>TH</sup> -29 <sup>TH</sup> OCT 2022	5	INFOSYS CAMPUS CONNECT, BENGALURU
		OBJECT ORIENTED PROGRAMMING WITH JAVA	28 <sup>TH</sup> NOV-3 <sup>RD</sup> DEC 2022	6	SJCIT
06	<b>VANITHA G.P</b>	OBJECT ORIENTED PROGRAMMING WITH JAVA	28 <sup>TH</sup> NOV-3 <sup>RD</sup> DEC 2022	6	SJCIT
07	<b>HEMALATHA K</b>	OBJECT ORIENTED PROGRAMMING WITH JAVA	28 <sup>TH</sup> NOV-3 <sup>RD</sup> DEC 2022	6	SJCIT

Chief Editor : **Dr. Kamalakshi Naganna**

Sub Editor : **Prof. Madhushree**  
**Prof. Lavanya K**

Student Members : **Hemanth (4<sup>th</sup> sem)**  
**Jeevan H (4<sup>th</sup> sem)**