



SAPTHAGIRI COLLEGE OF ENGINEERING

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

(Accredited by NAAC with 'A' Grade)

(ISO 9001-2015 & 14001-2015 Certified)

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

Department of Computer Science & Engineering

Accredited by NBA

*Type of event/activity	Quiz
Name/Title of the Activity/Event	"Test Your C Programming Skills"
Date of Organization	24-02-2022
Venue	Virtual Platform
Objectives of the event/activity	To evaluate the knowledge of the participants within academics as well as beyond academics and to make them familiar with the prospects of quizzes and the objectivity of the questions. The main purpose of the competition to develop interest in subject areas of C- Programming including competitive aspects.
Participants	202 participants
Mention organized	PROF. Divyamani M K & PROF. Supriya H S

Event Description:

Department of Computer Science & Engineering conducted E-Quiz for all first sem students. 202 students of different branches participated. 20 Questions were asked in the quiz. Well targeted, tailor-made quizzes can boost self-esteem and confidence. Students can challenge themselves, able to succeed, their confidence can grow. Quizzes help students identify what they know and what they don't know. The students then have a better idea of how well they are grasping the material, hopefully motivating them to study more and helping them allocate their study time effectively by focusing on the information that still needs more practice.

The purpose of C quiz:

- C programming language can be used to design the system software like operating system and Compiler.
- To develop application software like database and spread sheets.
- For Develop Graphical related application like computer and mobile games.
- To evaluate any kind of mathematical equation use c language.
- C programming language can be used to design the compilers.
- UNIX Kernal is completely developed in C Language.
- For Creating Compilers of different Languages which can take input from other language and convert it into lower level machine dependent language.
- C programming language can be used to design Operating System.
- C programming language can be used to design Network Devices.


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



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BROCHURE:

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

Department Of Computer Science & Engineering
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Welcomes all First semester students to participate in
"Test Your C Programming Skills"

Date: 24-02-2022 at 1.00 to 1.30 P .M

For Registration use the link:

<https://forms.gle/h3dpGat3k9xrVztN9>




Staff Coordinators:
Prof.Divyamani MK

Sri G Dayanand,
Chairman, SCE

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

Dr.H Ramakrishna
PRINCIPAL

Convener:


Principal
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participation List- C Quiz		
Name	USN	Branch
Pavan	1sg21ec056	EC
Arvind	1SG21IS15	IS
Mohith R	1SG21CV015	Civil
Gurulingu R	Eco25	Ece
Shreyas SR	1SG21CV025	Civil
Shalini c	1SG21EC064	Electronics and communication
Sanjana	1SG21EC062	EC
Sinchana A	1SG21EC067	Electronics and communication
Samriddhi. V.khandelwal	1SG21EC061	Ece
Sudharsan L	1SG21ME018	Mechanical
Guruprasad.M	1SG21cv008	Civil
Harish kumar MS	1SG21EC027	Electronics and communication
Nikshith Chandru	1SG21EC047	ECE
Deepthi M	1SG21BT046	Biotechnology
Shrinidhi2303	1SG21BT025	Biotech
Bhagath SG	1SG21EC013	ECE
Rajeshwari	1SG21EC102	Ec
Shashank B A	1SG21CV023	Civil
Ruthik US	1SG21EC059	EC
K G Aiswarya dev	1SG21EC034	ECE
Hariprasad M S	1SG21EC026	ECE
Meghana G S	1SG21EC120	ECE
B S Nandan Kishore	1SG21EC011	Electronics and communication engineering
Adithya A Murthy	1SG21ME002	Mechanical
Bhoomika.R	1SG21EC016	ECE
Manoj Gowda am	1SG21EC041	Ece
Gagan H	1SG21EC023	ECE
Yuvaraj I K	1SG21EC108	ECE
Rohit.n	1SG21EC055	Ec
Srinivasan R	1SG21BT028	Biotechnology
Janavi R	1SG21BT012	Biotechnology
Nikhitha	1SG21BT020	Biotechnology
Darshan. P	1SG21BT008	BIOTECHNOLOGY
V Vishnu	1SG21EC081	ECE
Hemanth Kumar A R	1SG21EC030	ECE
Sreevatsa	1SG21EC070	ECE
Ankith M	1SG21EC006	ECE
G Sai Tilak	1SG21EC021	Electronic and communication
Abhishek S K	1SG21EC125	EC
Bhargavi K.C	1SG21EC110	EC
Abhijith Sai Chinni	1SG21EC001	ECE
Himali	1SG21EC031	ECE
Tejaswini S S	1SG21EC078	Electronics and communication
Sinchana C	1SG21FC068	FC


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Type of activity: Quiz


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

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

Coordinators:

Prof. Divyamani M k

Prof. Supriya H S


Signature of the HOD
[Dr. Kamalakshi Naganna]

Date of Submission: 02-03-2022


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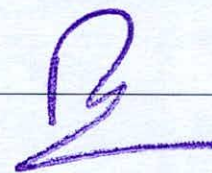
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Department of Computer Science & Engineering**Accredited by NBA**

*Type of event/activity	Webinar
Name/Title of the Activity/Event	The webinar on Intelligent Automation
Date of Organization	25/02/2022
Venue (with address)	Virtual Mode
Organized by (Resource Person)	Dylan Saldanha , Senior Software Engineer LTI
Objectives of the event/activity	Educate regarding Intelligent Automation
Participants (Please attach list of participants, if it is organized/conducted in the dept.)	3 rd Semester Students (110 Students)
Mention organized /participated/attended	Prof. Akshatha Kamath, Prof.Swetha B. N

Event Description:

The webinar on Intelligent Automation was organized by Dept of CSE for 3rd semester students of Sapthagiri College of Engineering, Bangalore on 25th February 2022. In this webinar the resource person Mr. Dylan Saldanha (Senior Software Engineer LTI) explain about automation and also gave brief idea about how it used in automating the attendance system in education sector . He also mentioned about the resources to study the Automation. 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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Brochure and images


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Organizing Technical Talk on Intelligent Automation

Speaker:

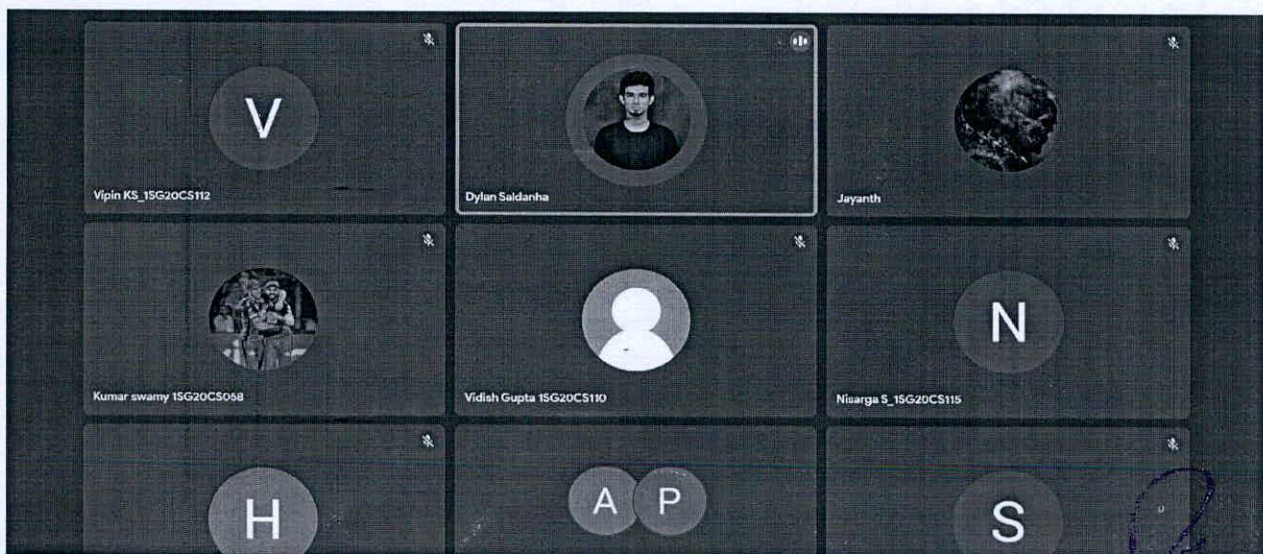


Date: 25/02/2022
Venue: Virtual Meet



2:00 PM - 3:00 PM

Google meet link:
<https://meet.google.com/kop-zein-suj>



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Department of Computer Science & Engineering**Accredited by NBA****Note:*****Type of activity: Webinar**

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

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

Coordinators:

Prof. Akshatha Kamath

Prof. Swetha B.N

Signature of the HOD**[Dr. Kamalakshi Naganna]**

Date of Submission: 31/02/2022


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Academic Year: 2022- 2023

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 th Semester Students
Mention organized /participated/attended	Prof. Kruthi T C, Prof. Hemalatha K (Faculty Coordinators)

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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



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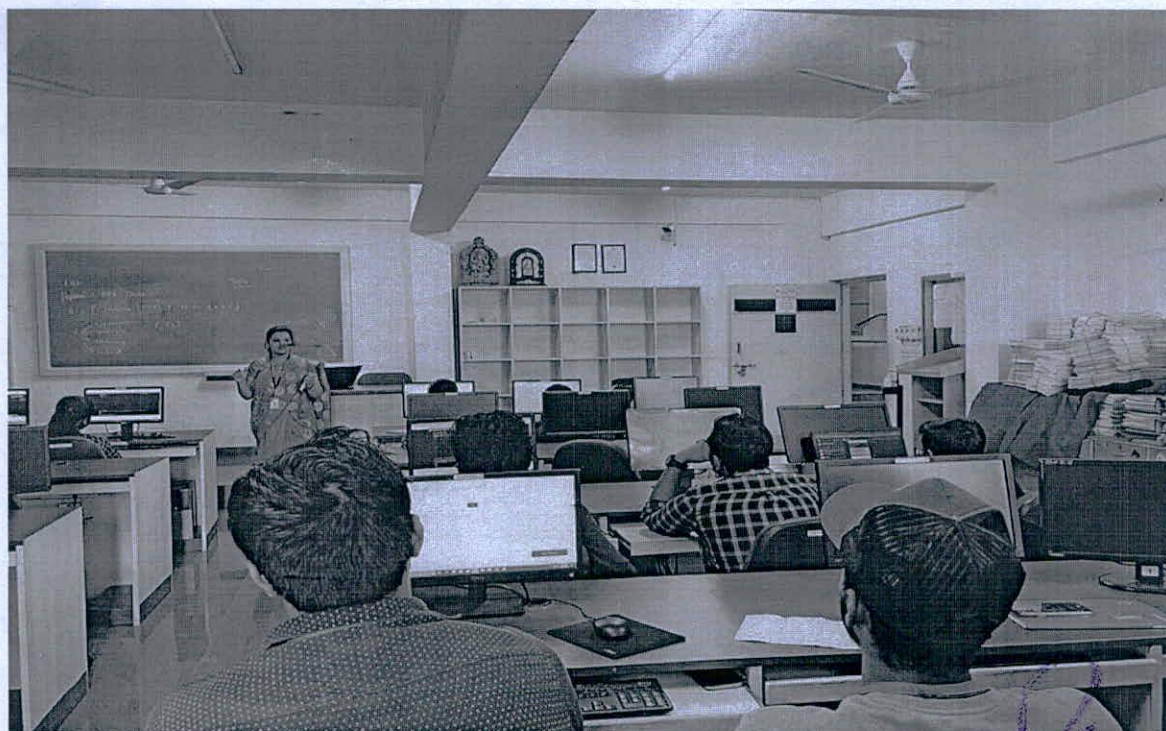
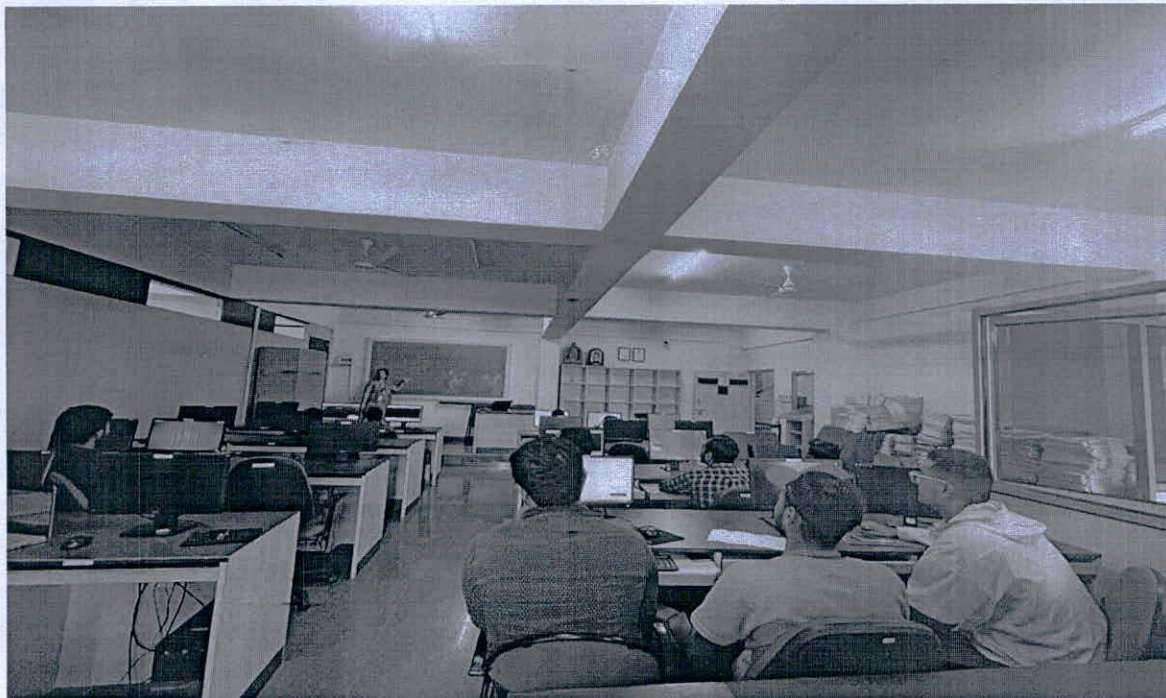
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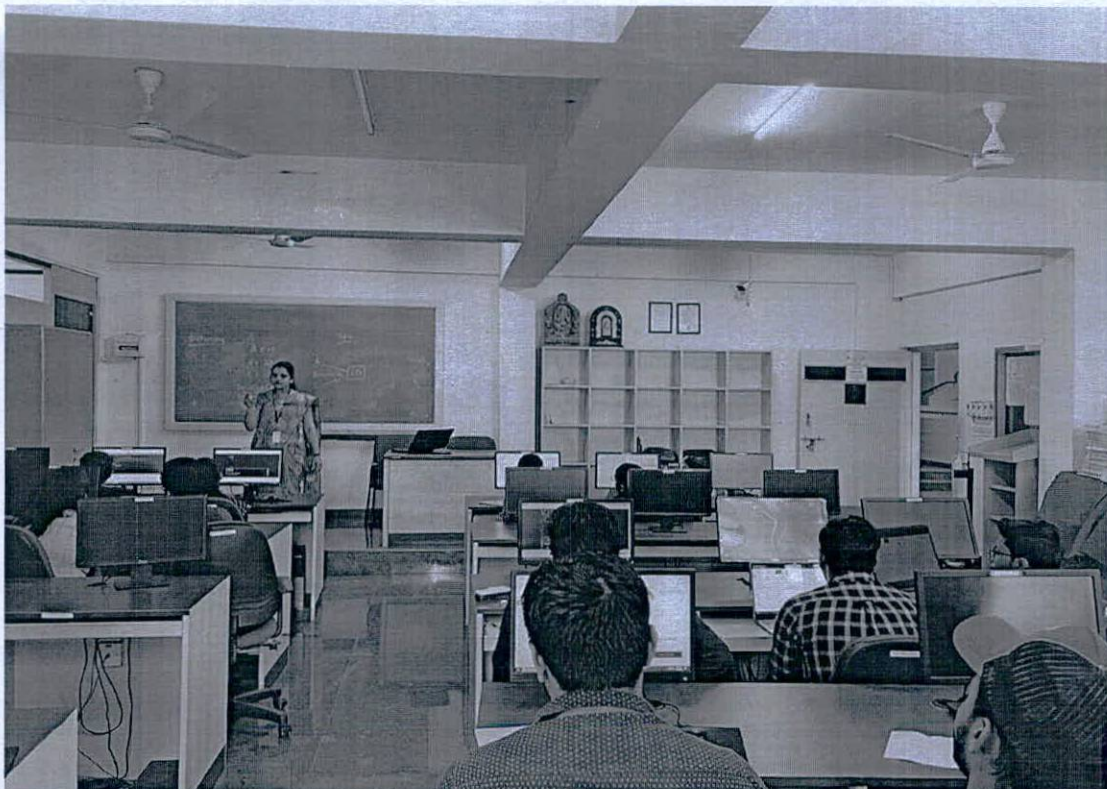
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Academic Year: 2022- 2023

Note:


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

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

***Type of activity:**

Placement Training Session

Date of Submission: 19/10/2022


Signature of the HoD


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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 nd 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 th 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 7th Semester Students of Department of Computer Science and Engineering, Sapthagiri College of Engineering, Bangalore on 22nd 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

BROCHURE:



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Department Of Computer Science & Engineering

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Organises
"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 Patrons: Sri G.D Manoj, Executive Director, SCE	Dr. H Ramakrishna Principal Convener: Dr. Kamalakshi Naganna Prof & Head, CSE
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Images:




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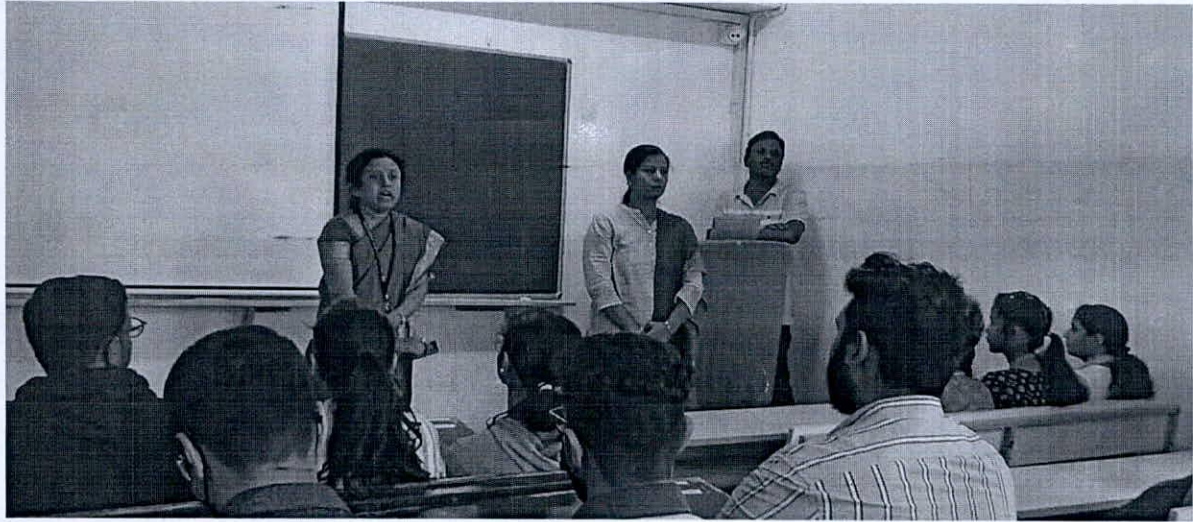
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Academic Year: 2022- 2023



Note:


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

Coordinators:

Prof. Divyamani M K

Prof. Hemalatha K

Date of Submission: 29-10-2022


Signature of the HOD

[Dr. Kamalakshi Naganna]


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Department of Computer Science & Engineering

Academic Year: 2020- 2021

*Type of event/activity	Alumni Talk
Name/Title of the Activity/Event	Opportunities in Indian Airforce
Date of Organization	13-07-2021
Venue (with address)	Google Meet Link - https://meet.google.com/uzi-dfir-avz
Objectives of the event/activity	The Alumni talk event started at 8.30 AM with welcome speech by Dr. Kamalakshi Naganna Professor & Head, Dept. of CSE thanked College Management, Principal Dr. Ramakrishna H, HOD's of all department for providing opportunity to organize this event and gave brief introduction of today's speaker Flt Lt Poonam Saini.
Participants (Please attach list of participants, if it is organized/conducted in the dept.))	130 students
Mention organized /participated/attended	Prof. S Suresh Kumar, Prof. Kiran S

Event Description:

The Speaker Poonam Saini., Flight lieutenant, Indian Air force gave brief introduction of Air force like we can get into the flying branch as a graduate through CDS exam (men), through AFCAT exam (men & women), through NCC special entry (men). we can also get in after 10+2 by qualifying the NDA/ NA exam. Pros and Cons of Indian Air force Career such as One gains knowledge about various managing and administrative skills. Both the individual and his/her family member enjoy the perks of belonging to a defence background starting from Free healthcare, education and retirement benefits.

Overview: The Air Force has become the world's premier aerospace force. Its mission, simply put, is to defend the nation through the control and exploitation of air and space. Although obviously tasked with flying missions, most personnel work on the ground in various construction, support and technical capacities.

At the end, today's Convener Dr. Kamalakshi Naganna, Professor, Dept. of CSE presented vote of thanks to our College Management, today's Speaker Poonam Saini, Principal Dr. Ramakrishna H, HOD's of all department, participants and Coordinators for successfully completing the event.

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Department of Computer Science & Engineering

Academic Year: 2020- 2021

Photograph of the event

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
Organizing Alumni Talk on "Opportunities in India Airforce"
In Association with
COMPUTER SOCIETY OF INDIA STUDENT BRANCH
ON TUESDAY 13TH JULY 2021
8:30 AM- 9:30 AM

Speaker:
Flt Lt Poonam Saini
Fighter controller
Indian Airforce

Virtual Platform:
Google Meet
meet.google.com/uzi-dfir-avz

Staff Coordinators:
Prof. Kiran S
Assistant Professor, CSE
Prof. S Suresh Kumar
Assistant Professor, CSE

Chief Patrons:
Sri. G. D. Manoj
Executive Director, SCE
Dr. H Ramakrishna
PRINCIPAL

Convener:
Dr. Kamalakshi Naganna
Prof & Head, CSE



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
3				2					2		3

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Department of Computer Science & Engineering

Academic Year: 2020- 2021

*Type of activity:

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

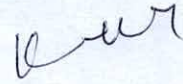
Coordinators:

Prof. S Suresh Kumar

Prof. Kiran S

Date of Submission: 22-07-2021

HOD



[Dr. Kamalakshi Naganna]



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Academic Year: 2022- 2023

*Type of event/activity	Certification course
Name/Title of the Activity/Event	Certification Course on Advanced Java
Date of Organization	10/10/2022 - 15/10/2022
Venue (with address)	Department of Computer Science and Engineering
Organized by (Resource Person)	Department of Computer Science and Engineering
Objectives of the event/activity	To enhance knowledge in Java programming as per industry standards.
Participants (Please attach list of participants, if it is organized/conducted in the dept.)	5 th Semester Students
Mention organized / participated / attended	Prof. Anuradha B and Prof. Madhushree (Faculty Coordinators)

Event Description:

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 the enough knowledge about the topic by asking their doubts with the resource person. Hands on sessions were help full to improve the knowledge.

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Academic Year: 2022- 2023



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14/5, Hesaraghatta Main Road, Bangalore- 560057
(Affiliated to VTU, Belagavi and approved by AICTE, New Delhi)
(Accredited by NAAC with 'A' Grade and NBA)
(ISO 9001-2015 & 14001-2015 Certified)



"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

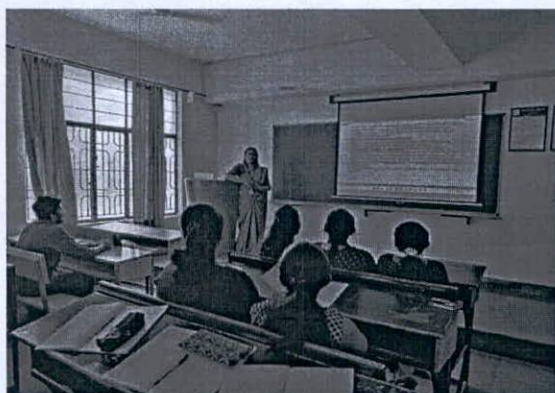


INSTITUTION'S
INNOVATION
COUNCIL
(Mandatory of ISO 26000)

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

Dr. Kamalakshi Naganna
HOD, CSE

Dr. H Ramakrishna
Principal



Principal
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Department of Computer Science & Engineering

Accredited by NBA

Academic Year: 2022- 2023

SAPTHAGIRI COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE OF PERFORMANCE

THIS IS TO CERTIFY THAT

Mr/Ms _____ has participated in
6 days Certification Course on "ADVANCED JAVA" from
10/10/2022 to 15/10/2022 organized by the Department of
Computer Science and Engineering in association with
Institution's Innovation Council.

COORDINATOR

HOD

PRINCIPAL

Note:

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

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

***Type of activity:**

Certification Course

Date of Submission: 17/10/2022

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Signature of the HoD



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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 th 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

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Academic Year: 2022- 2023



Name	USN	Sec
1. Nandini N	18G20CS408	
2. Harshitha M H	18G20CS406	
3. Annapurna Pini	18G20CS401	'A'
4. Pojitha G	18G19CS014	
5. Suvidha M. Naik	18G19CS113	
6. Suraksha M.S	18G19CS111	
7. Yashaswini N	18G19CS124	
8. Padmini Sharma	18G19CS072	
9. Vaishnavi V Kulkarni	18G19CS117	
10. Nivargga P.K	18G19CS071	'B'
11. Neelu V	18G19CS069	'B'
12. Nidhi N	18G19CS070	'B'
13. Umesh Umesh R G	18G19CS116	'B'
14. Keshav chandra Ray	18G19CS047	'A'
15. Ankur Kurnar	18G19CS009	'A'
16. Subhamshu Jha	18G19CS109	'B'

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Academic Year: 2022- 2023

Note:

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

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

***Type of activity:**

Placement Training Session

Date of Submission: 13/10/2022

Signature of the HoD

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Academic Year: 2022- 2023

Date of Organization	17/10/2022 to 21/10/22
Venue (with address)	Virtual
Organized by (Resource Person)	Infosys Spring Board
Objectives of the event/activity	To enhance knowledge in Python programming to develop the knowledge in students as per industry standards to .
Participants (Please attach list of participants, if it is organized/conducted in the dept.)	Faculties(Dr. Lavanya N L, Prof Shwetha A B)
Mention organized /participated/attended	Prof. Akshatha Kamath, SPOC of Infosys campus connect

Event Description:

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



Dear Professor,

Greetings!!

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Department of Computer Science & Engineering

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Academic Year: 2022- 2023

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 [Infosys Springboard](#) platform

[Click here to nominate](#)



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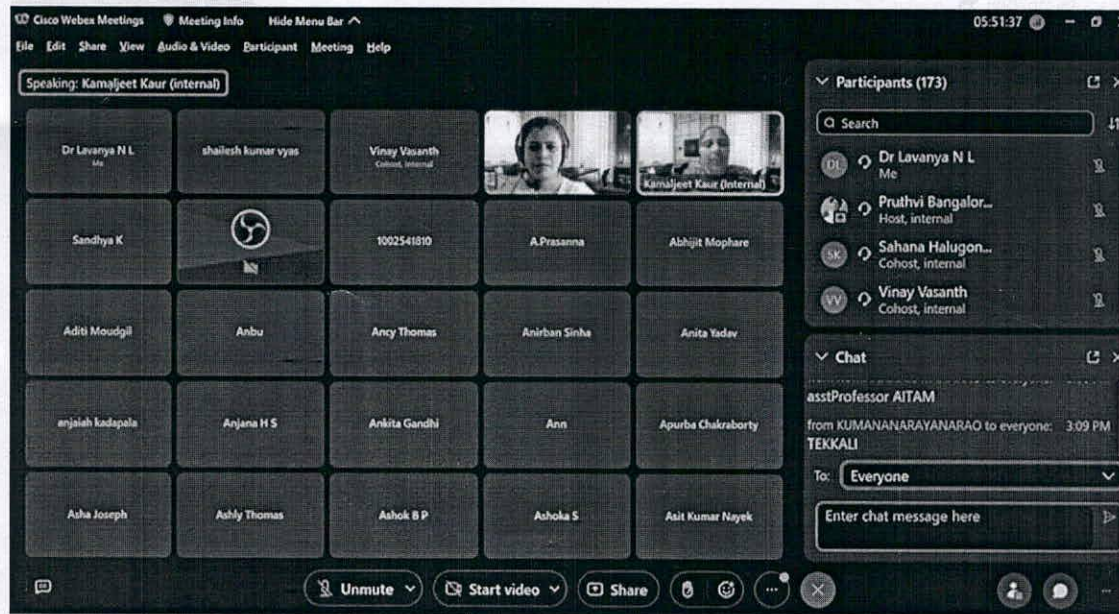
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Academic Year: 2022- 2023



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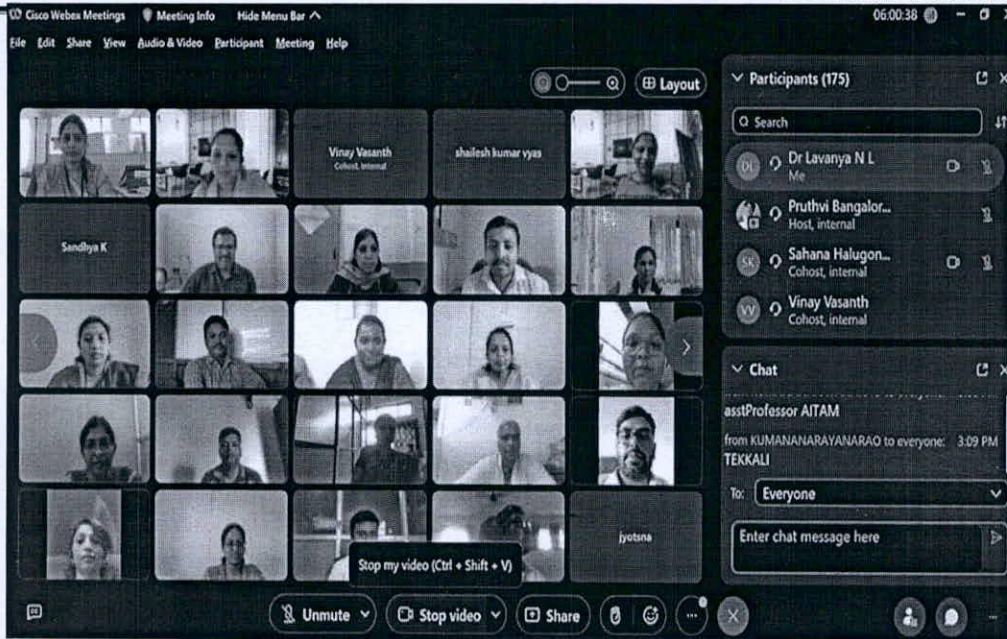
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PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
2	3	3	2	-	3	2	-			1	1

***Type of activity:**

FEP

Coordinator

Prof. Akshatha Kamath

Date of submission: 27-10-2022

Signature of the HOD

[Dr. Kamalakshi Naganna]

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DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

Date: 8/12/2021

Circular

It is hereby informed to the students of 7th sem to attend for proposed event on 11/12/2021 for Seminar on **“DEVOPS AND MONGO DB”** by Mr. DEEKSHITH S N, Mr. SARAT CHANDRA, Senior Software Engineer, Capgemini Technology Solutions and Citrix Technology Solutions.

Schedule of the event:

Sl. no	12:00 PM – 1:30PM
1	“DEVOPS AND MONGO DB”

H K Romy
HOD

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DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

Date: 15/12/2021

SEMINAR ON “DEVOPS AND MONGO DB”

Dr. H R Ranganatha, HOD, Dept. of ISE welcomed Mr. DEEKSHITH S N, Mr. SARAT CHANDRA, Senior Software Engineer, Capgemini Technology Solutions and Citrix Technology Solutions in offline.

. The session was held for 5th semester students of the department. Totally 80% of the students were present in this session. Seminar on “DEVOPS AND MONGO DB” by Mr. DEEKSHITH S N, Mr. SARAT CHANDRA Seminar arranged on 11/12/2021. Devops domain Expert gave Seminar In order to upgrade the knowledge of students of all the semesters in the emerging areas of IT in the area of Big Data which would really help students to enhance their IT skills in Data Analytics. About 90% students took part in his online session and expressed satisfaction about the event. In his talk he gave comprehensive picture about DEVOPS and related impact on the society and he has urged software professional like ISE students what exactly to be done. The talk has been arranged for the students of 7th semester to bring in the awareness about Software cross Platform and also to address pertaining to Mongo DB. Mr. DEEKSHITH S N in his talk gave general picture about DEVOPS so that students of ISE can understand essential concepts of Mongo DB Features and its Core concepts.

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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

Organizes Seminar on "DEVOPS and MongoDB"

CHIEF PATRONS:

Chairman

Sri G. DAYANAND

Executive Director

Sri G.D. MANOJ



Speaker,
Mr. Deekshith SN
Senior Software
Engineer, Capgemini



Speaker,
Mr. Sarat Chandra
Senior Software
Engineer, Citrix

Date : 11 Dec 2021

Timings: 12:00 PM-1:30 PM

Venue: Seminar Hall

Dr. ASHA P N
Prof. PRIYANKA M R

COORDINATORS

Dr. H R RANGANATHA
PROF & HEAD, ISE

Dr. H RAMAKRISHNA
PRINCIPAL

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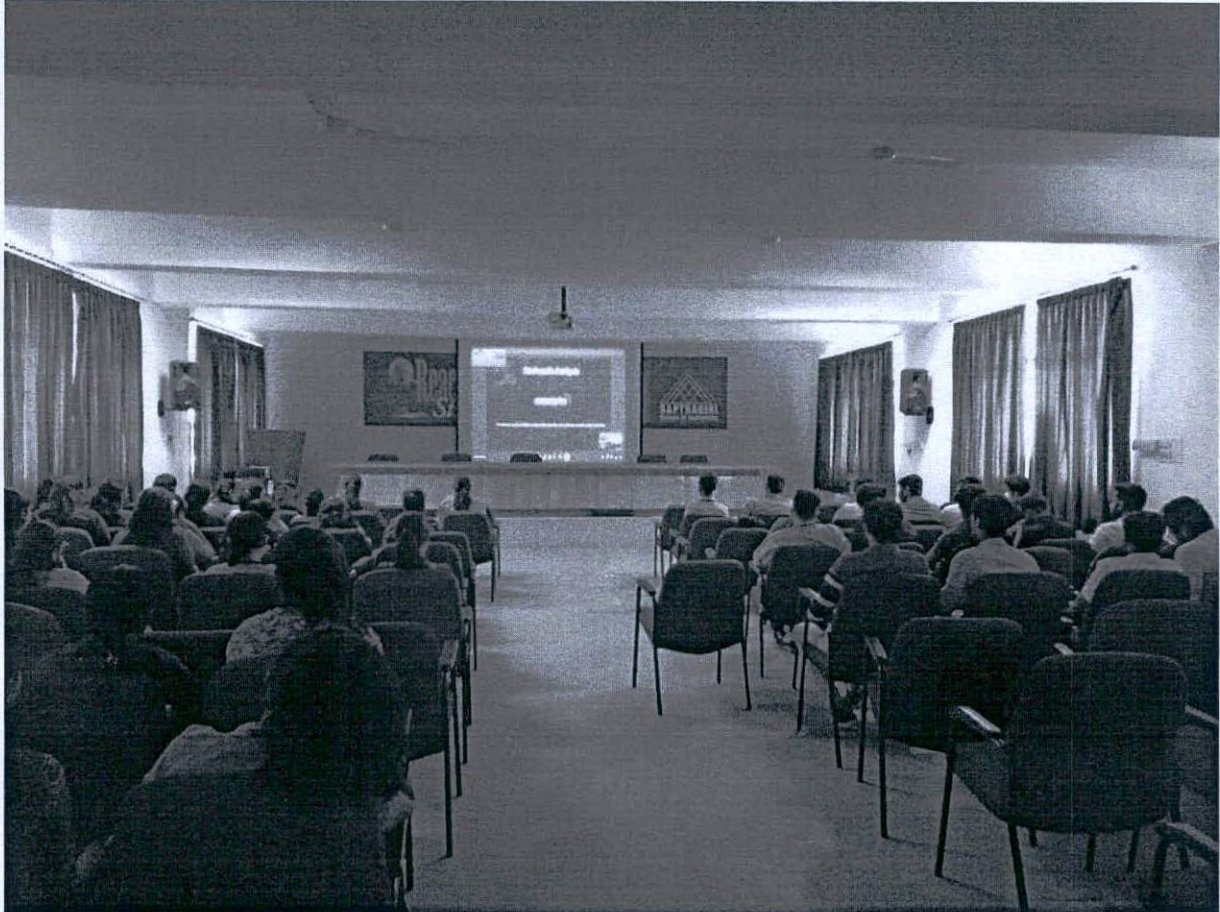


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H R Row
HOD



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DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING


Date: 03/1/2022

Circular

It is hereby informed to the students of 3rd sem to attend for proposed event on 08/1/2022 for Seminar on “**Design Flow & Impact Engineers can create in Semi-Conductor Industry**” by Mr Raghuram SG, Manager, Synopsys Inc..

Schedule of the event:

Sl. no	11:00 AM-12:00 PM
1	“Design Flow & Impact Engineers can create in Semi-Conductor Industry”


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DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

Date: 11/1/2022

SEMINAR ON

“DESIGN FLOW & IMPACT ENGINEERS CAN CREATE IN SEMI-CONDUCTOR INDUSTRY”

Dr. H R Ranganatha, HOD, Dept. of ISE welcomed Mr Raghuram SG, formally offline. The session was held for 3rd semester students of the department. Totally 85% of the students were present in this session. Seminar on **“Design Flow & Impact Engineers can create in Semi-Conductor Industry”** by Mr Raghuram SG, Manager, Synopsys Inc. Seminar arranged on 20/10/2021. System on Chip(SOP) domain Expert gave Seminar In order to upgrade the knowledge of students of all the semesters in the emerging areas of SOP in the area of Semiconductor Industry which would really help students to enhance their Technical skills. About 85% students took part in his online session and expressed satisfaction about the event. In his talk he gave comprehensive picture about VHDL Programming and related impact on the applications in Network and he has urged software professional like ISE students what exactly to be done to the society. The talk has been arranged for the students of 3rd semester to bring in the in- depth knowledge on RTL behavior in HDL and its impact on the society also to address security pertaining to 4G/5G Data in Network. Mr Raghuram SG in his talk gave general picture about 5G Era and IOT Based applications, so that students of ISE can understand consequences of Network Features and security measures about Network and .

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DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

Seminar on “Design Flow & Impact Engineers can create in Semi-Conductor Industry”
by Mr Raghuram SG, Manager, Synopsys Inc..





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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

Organizes Webinar on
“Design Flow & Impact Engineers can create in Semi-Conductor Industry”





Speaker,
Mr Raghuram SG
Manager, Synopsys Inc.

CHIEF PATRONS
Chairman
Sri G. DAYANAND

Executive Director
Sri G.D. MANOJ

Date : 08th Jan 2022
Timings: 11:00 AM-12:00 PM

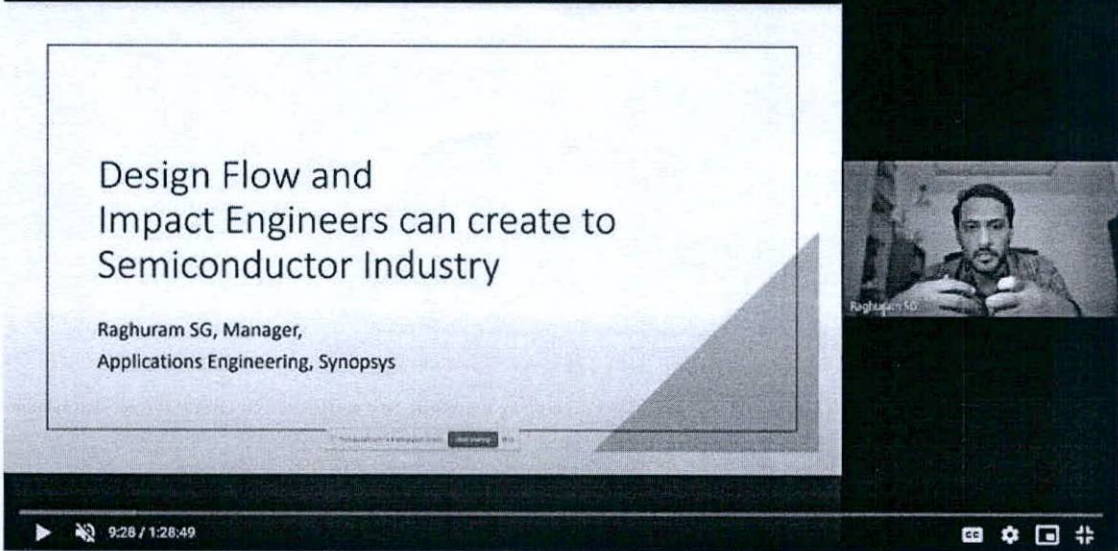
Prof. PRIYANKA M R COORDINATOR	Dr. H R RANGANATHA PROF & HEAD, ISE	Dr. H RAMAKRISHNA PRINCIPAL
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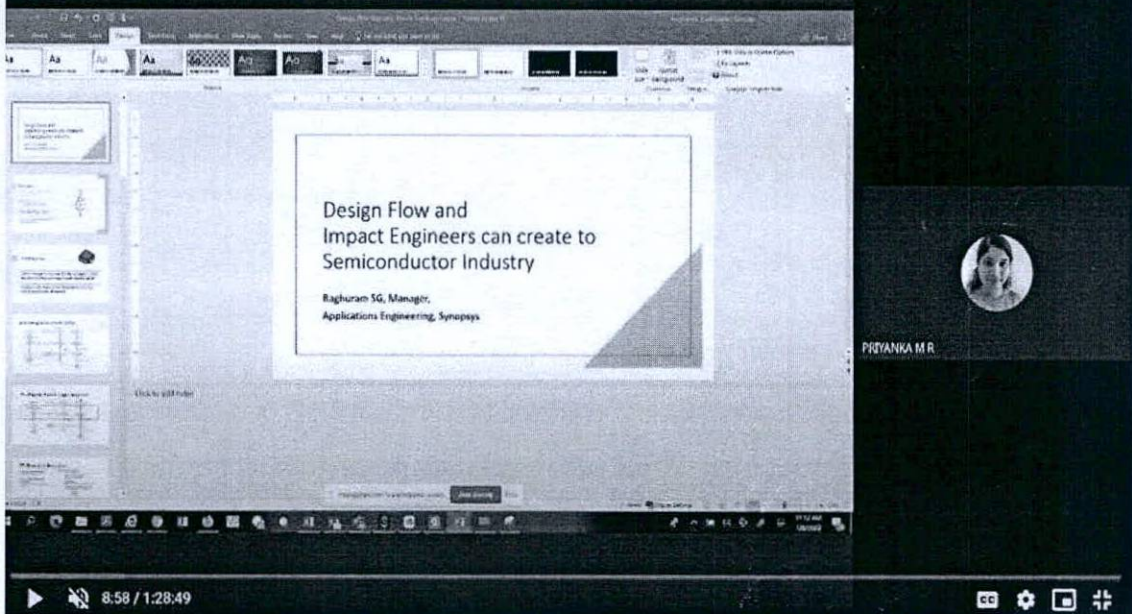
Design Flow and
Impact Engineers can create to
Semiconductor Industry

Raghuram SG, Manager,
Applications Engineering, Synopsys

9:28 / 1:28:49

Mr Raghuram SG delivering Seminar to 3rd Sem Students in online.

iyg-rjai-ezy (2022-01-07 at 21:32 GMT-8)



Design Flow and
Impact Engineers can create to
Semiconductor Industry

Raghuram SG, Manager,
Applications Engineering, Synopsys

8:58 / 1:28:49

Introduction to the speaker on “Design Flow & Impact Engineers can create in Semi-Conductor Industry”

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iyg-rjai-ezy (2022-01-07 at 21:32 GMT-8)

RTL Behavioral description

Hardware Description Languages
Verilog/VHDL/SystemC

Hardware Verification Languages
SystemVerilog
SystemVerilog based UVM methodology
SystemC

```


module K001(a,b,c,d,e,f,g,h,i,j,k,l,m,n,o,p,q,r,s,t,u,v,w,x,y,z);
    parameter P0000=1;

    input  [P0000-1] a,b,c,d,e,f,g,h,i,j,k,l,m,n,o,p,q,r,s,t,u,v,w,x,y,z;
    output reg [P0000-1] out0;

    //Multiplexer
    always @(*) out0 = (P0000 < 1) ? ((a[23:20] < 0) ? b[23:20] : c[23:20]) : d[23:20];

    //Sequential asynchronous D Flip-Flop
    always @(posedge clk or negedge rst)
        if (~rst)
            out0 <= 0;
        else
            out0 <= out0;

endmodule
        
```



Raghuram SG

42:27 / 1:28:49

Speaker demonstrating program on HDL

H R Sany
HOD

B
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Department of Civil Engineering

Monthly Event Report for the month of June

1. Hands-on Training on Revit Architecture

Type of event or Activity	"Hands-on Training on Revit Architecture"
Name/Title of the event / Activity	Five Days Hands on Training on "REVIT ARCHITECTURE"
Date of Organisation	27/5/2022 to 4/6/2022
Venue	CADD Lab, Civil Engineering Department, Sapthagiri College of Engineering
Organised by	Department of Civil Engineering
Objectives of Events / activity	<p>After completing this training, Students will be able to</p> <ul style="list-style-type: none">-Describe building information modelling methodology and its benefits.-Use different parts of the Revit Architecture user interface and work with different types of architectural elements and families.-Use the different views listed in the Project Browser, control the visibility and graphical Representation of objects in architecture model, and work with elevation, section, and 3D views.-Set up a project and transfer standards between projects, add and modify levels in project model, create and modify grids.-Work with architectural components-Grids and Levels Wall, Floors, Roof, Ceiling, Staircase, Railing, Revit Model Family Work with documentation components: Text, Tag, Title block, Room, Colour fill, Schedules Work with detail views, add 3D and 2D elements and detail components.-Work with sheets and title blocks, print sheets, and export Revit architecture content to CAD formats.
Participants (Please attach list of participants, if it is organized/conducted in the dept.)	20

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Event Description

Revit is software mainly used for 3D Modelling or BIM (Building Information Modelling). It will create a perfect scenario of what is going to happen at the construction site. So basically, all the design changes will be able to rectified using the Revit Model. Moreover, there is option for Structural Analysis and Analysis of Framing, Columns, Slabs etc. We can use this software for better detailing and the most important one is cost reduction in Estimation of the project as we can purge all the unwanted and unused materials.

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
3	1	1	2	1	1	1	1	3	3	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

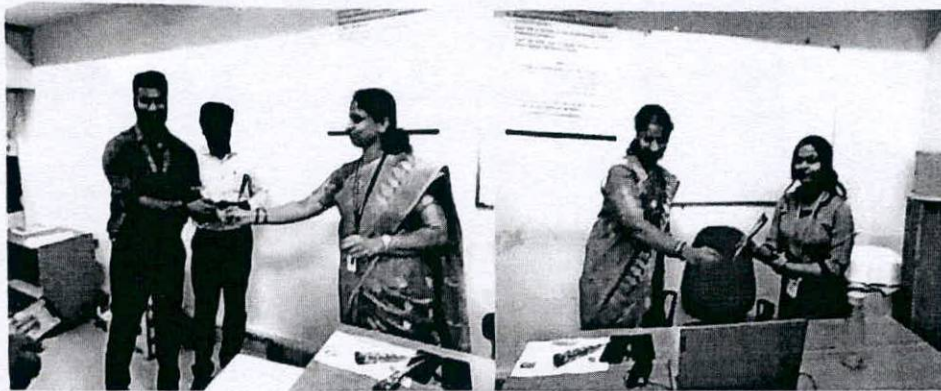
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Bangalore - 560 057

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REPORT ON "Hands-on Training on Revit Architecture"

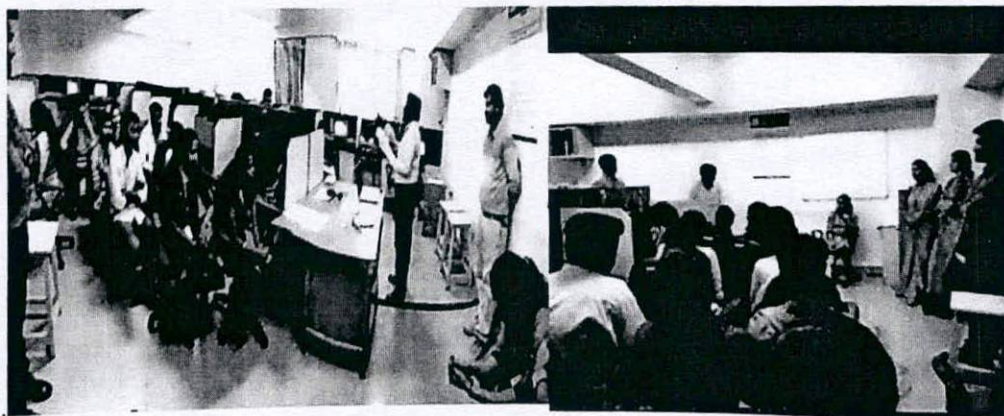
Department of Civil Engineering, Sapthagiri College of Engineering, Bengaluru has arranged a Workshop on Revit Architecture for students of 6th semester from 27/05/2022 to 04/06/2022 in association with 'Autodesk ATC CAD CENTER, Bangalore'. Seminar was co-ordinated by Prof. Pramod K R, Prof. Shobha Y N.

The inaugural function of workshop was by Dr. Rajeshwari R Head of civil Department on starting day of workshop in the presence of faculties and students.



HOD facilitating the guests

Mr. Viswas K Viswanathan, Operation & Marketing manager Autodesk ATC CAD CENTER, Bangalore and Mr. Sunil Kumar took over the session for inaugural and introductory speech about the software. Ms. Rituparna was trainer for the workshop. 20 students have registered and benefited



Speaker addressing the students

About software

Revit is software mainly used for 3D Modeling or BIM (Building Information modeling). It will create a perfect scenario of what is going to happen at the construction site. So basically all the design clashes will be able to rectified using the Revit Model. Moreover, there is option for Structural Design and Analysis of Framing, Columns, Slabs

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etc. We can use this software for Rebar detailing. And the most important one is cost reduction in Estimation of the project as we can purge all the unwanted and unused materials.

Day wise summary of the workshop

Day	Time	Topic covered
Day 1 Friday	1.30pm to 4.30pm	User Interface The Ribbon Framework About Building Elements About Families About Projects
Day 2 Saturday	1.30pm to 4.30pm	About Project Templates. About the Default Project Template
Day 3 Monday	1.30pm to 4.30pm	About Revit File Types Aids About Wall Properties Modifying Walls About Joins Editing and Preventing Wall Joins
Day 4 Tuesday	1.30pm to 4.30pm	About Compound Walls About Modifying
Day 5 Wednesday	1.30pm to 4.30pm	About Vertically Compound Walls Edit Tools Clipboard Tools
Day 6 Thursday	1.30pm to 4.30pm	Creating a New Door Type About Windows Process of Adding and Modifying Windows Floors Modifying Floors
Day 7 Friday	1.30pm to 4.30pm	About Temporary Dimensions About Permanent Dimensions About Constraints Applying and Removing Constraints
Day 8 Saturday	10.30am to 4.30pm	Practice

Outcomes of Workshop

1. To be familiar with advanced Civil Engineering Software like Revit architecture and its use in our field: After the completion of the workshop students are now familiar with the use of this software to draft the plan, elevation-sections, to update floor plans, floor levels and to develop the 3D views.
2. To Produce consistent, coordinated and complete model-based building designs and Documentation: After completion of the workshop students are able to

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produce complete model-based building design with the help of Revit Architecture software.

3. Use 3D visualisations to see a building before it's built.

All the students were motivated by the training program and encouraged to participate in co-curricular activities conducted by the Department of Civil Engineering.

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2. Seminar on Abroad Studies

Type of event or Activity	Seminar
Name/Title of the event / Activity	Seminar on Abroad Studies
Date of Organisation	27.06.2022
Venue	Department of Civil Engineering, Sapthagiri College of Engineering
Organised by	Department of Civil Engineering
Objectives of Events / activity	<ol style="list-style-type: none"> 1. The objective of this webinar was to throw light on the plethora of opportunities that are available for the students to pursue their studies abroad. 2. Use of different training programs like IELTS, TOEFL, PTE, GMAT, GRE, SAT and ACT for test preparation 3. To identify COST effective travelling and accommodation. 4. To identify industry trends and subject selection based on skill parameters. 5. To know about educational loans with respect to foreign exchange and other services.
Participants (Please attach list of participants, if it is organized/conducted in the dept.)	68

Event Description

The seminar highlighted the various Opportunities in Higher Education. The resource person Mr.Nanjappa enlightened the students with the various opportunities of pursuing higher studies in the different countries and their requirements. The resource person was Mr.Nanjappa - Marketing Manager- Edwise International Bangalore, Edwise provides incomparable training in IELTS, TOEFL, PTE, GRE, GMAT, SAT and ACT test preparation in 23 branches across India He gave an overview of the exams to be undertaken and the factors to be considered to admission process. He also gave a glimpse of newer course programs and its future scope. He kept the students involved in the conversation by sharing his expertise and experience in this field

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
					2				3	3	3

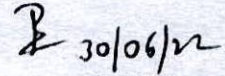
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*Type of Event / Activity:

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

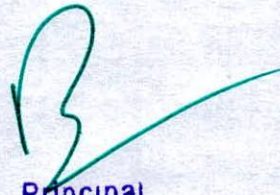
Date of Submission:

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

 30/06/22

Signature of the HOD

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with ISO 9001-2005 & ISO14001-2005
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SCE
IQ

Speaker Name :

Mr. Nanjappa

Marketing Manager

Edwise International, Bangalore

DEPARTMENT OF CIVIL

Organizing Seminar on

"Seminar on Abroad Studies


ON Monday 27th JUNE 2022

TIME: 10.45 AM

Sri. G. Dayanand

Chairman, Sapthagiri College of Engineering

Staff Co-ordinators:
Prof. Vanishree S


EDWISE
Overseas & Education Consultants



Convener
Dr. Rajeshwari
Prof, Head, CE

Principal
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REPORT ON 'Seminar on Abroad Studies'

1. About the Seminar

The objective of this webinar was to throw light on the plethora of opportunities that are available for the students to pursue their studies abroad. The resource person was Mr. Nanjappa - Marketing Manager- Edwise International Bangalore. Edwise provides incomparable training in IELTS, TOEFL, PTE, GRE, GMAT, SAT and ACT test preparation in 23 branches across India.

2. Course contents conference themes

The seminar highlighted the various Opportunities in Higher Education. The resource person Mr. Nanjappa enlightened the students with the various opportunities of pursuing higher studies in the different countries and their requirements. He gave an overview of the exams to be undertaken and the factors to be considered to admission process. He also gave a glimpse of newer course programs and its future scope. He kept the students involved in the conversation by sharing his expertise and experience in this field.

3. Details of coordinator's

Conveners

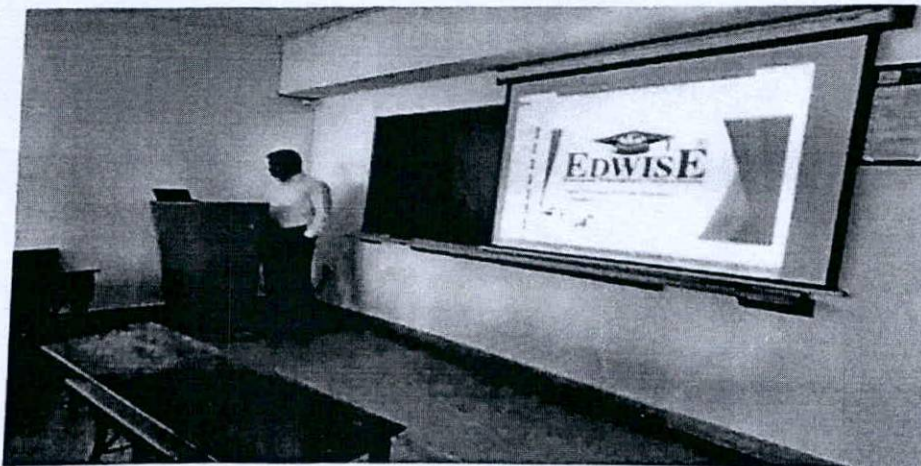
Principal: **Dr. H Ramakrishna**

HOD: **Dr. Rajeshwari**, Prof, Head, CE

Co-Ordinator's: **Prof. Vanishree S.** Assistant Professor, CE

Participants – Nearly 68 students from the final year of B.E Civil actively participated.

4. Webinar photos



Speaker addressing the students


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Students participated in seminar



5. Attendance

Sl. No.	USN	Name of the student	SEM
1	ISG17CV027	LINGRAJ	VIII
2	ISG18CV001	ABHISHEK G A	VIII
3	ISG18CV002	ABHISHEK M V	VIII
4	ISG18CV003	ABHISHEKE MOHAN	VIII
5	ISG18CV004	ABHISHEK R	VIII
6	ISG18CV005	ADHYA N K	VIII
7	ISG18CV006	AKSHATH GOWDA N K	VIII
8	ISG18CV007	ANANYA S	VIII
9	ISG18CV008	ANKITH K C	VIII
10	ISG18CV009	BIHARATH P	VIII
11	ISG18CV010	BRINDA P	VIII
12	ISG18CV011	CHANDANA M	VIII
13	ISG18CV013	DARSHAN N	VIII
14	ISG18CV014	DHRUVA KUMAR D L	VIII
15	ISG18CV015	DILIP K S	VIII
16	ISG18CV016	DIVYA K	VIII
17	ISG18CV017	GANAVIN	VIII
19	ISG18CV019	GEETHA N	VIII

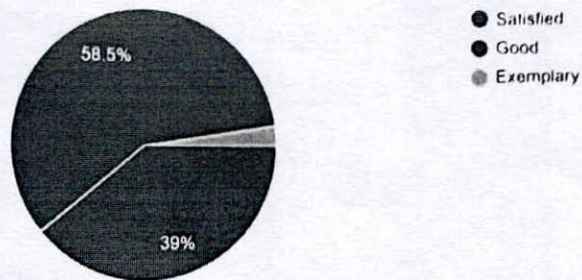
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20	ISG18CV021	GURUCHARANA REDDY P S	VIII
21	ISG18CV022	HANUMANTHARAJA S C	VIII
22	ISG18CV023	HARSHITHA R	VIII
23	ISG18CV024	ISHAQUE AHMED K M	VIII
24	ISG18CV025	KAVYA SHREE S	VIII
25	ISG18CV026	KHALID MAQSOOD MIR	VIII
26	ISG18CV027	KIRAN H D	VIII
27	ISG18CV029	MADHUSUDHAN B S	VIII
28	ISG18CV031	MEGHANA T S	VIII
29	ISG18CV032	NAVEEN GOWDA K R	VIII
30	ISG18CV034	PARINITHA J	VIII
31	ISG18CV035	POOJA S	VIII
32	ISG18CV036	POSHITHA A V	VIII
33	ISG18CV037	PRAGATHI R	VIII
34	ISG18CV038	PRAJWAL S	VIII
35	ISG18CV039	PRIYADARSHINI P	VIII
36	ISG18CV040	PRUTHVI RAJ S	VIII
37	ISG18CV041	PUSHPALATHA H R	VIII
38	ISG18CV042	RAHUL H J	VIII
39	ISG18CV043	RAVIKUMAR	VIII
40	ISG18CV044	REKHA M	VIII
41	ISG18CV045	RENUPRASAD T	VIII
42	ISG18CV047	SANJAY SHARMA S	VIII
43	ISG18CV050	SHWETHA R	VIII
44	ISG18CV051	SINDHU C	VIII
45	ISG18CV052	SINDHU H S	VIII
46	ISG18CV053	SOWMYA K V	VIII
47	ISG18CV054	SUNIL YADAV D S	VIII
48	ISG18CV055	SUSHMA M	VIII
49	ISG18CV056	TEJAS N	VIII
50	ISG18CV057	TEJAS S RAM	VIII
51	ISG18CV058	TEHESHWINI S D	VIII
52	ISG18CV059	THUNGA B K	VIII
53	ISG18CV060	TILAK H S	VIII
54	ISG18CV061	VAISHNAVI S YADAV	VIII
55	ISG18CV062	VINAY R	VIII
56	ISG18CV063	VIVEK VIDYADHAR HEGDE	VIII
57	ISG18CV064	YASHAS M	VIII
58	ISG18CV065	SACHIN K C	VIII
59	ISG18CV066	YASHWANTH T P	VIII
60	ISG18CV067	PRAJWAL S GOWDA	VIII
61	ISG19CV400	CHANDANA KUMARI S	VIII
62	ISG19CV401	CHETHAN GOWDA D	VIII
63	ISG19CV402	DHANUSH K L	VIII
64	ISG19CV403	HARISH S R	VIII
65	ISG19CV405	POOJA S	VIII
66	ISG19CV406	SANJEEV KISHORE P	VIII
67	ISG19CV407	SINDHUNATH D T	VIII
68	ISG19CV408	SRINIVASA T L	VIII

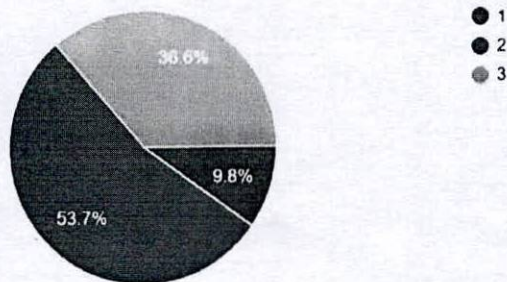
6. Feedback Report

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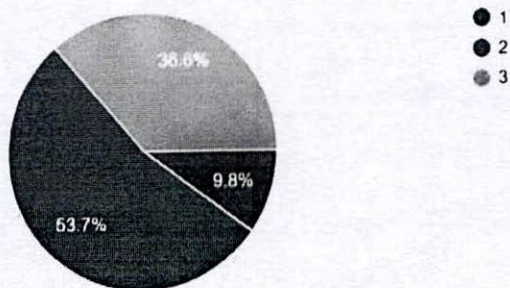
The objective of the seminar was achieved

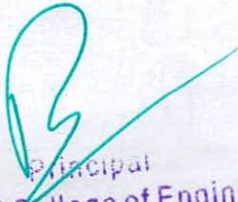


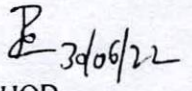
The content of the seminar was useful and relevant (please rate the seminar in the following categories on a scale of 1-3, with 3 being the highest level)



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