



K.S. INSTITUTE OF TECHNOLOGY, BANGALORE – 560109

INDUSTRY INSTITUTE INTERACTION CELL  
&  
DEPARTMENT OF CCE & CSE (ICB)



## Expert Talk on “Disruptive technologies shaping the future”

**Date of Conduction:** 21<sup>st</sup> December 2023

**Venue:** KSIT Seminar Hall, Ground Floor

**Time:** 10.30AM – 12.00PM

**Duration:** 1.30Hours

**Sponsoring Bodies / Associating Organization:** NA

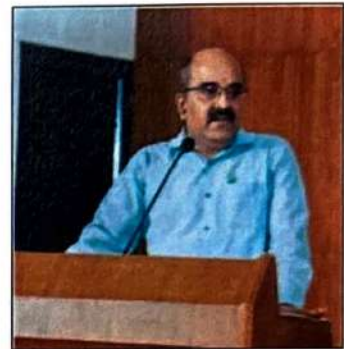
### *Expert Details – with photo*

**Name:** Shri. R. Anantharaman

**Designation:** Senior Advisor; Founder & CEO

**Organization:** Arthur D Little India & Scalepro Bengaluru

### **Brief Profile about the Expert:**



**Shri. R. Anantharaman**, currently working as Senior Advisor at Arthur D Little India; and Founder & CEO - Scalepro Bengaluru. He has 32 years of remarkable leadership experience in P/L Management, Revenue enhancement, Sales & Distribution management, Marketing, Human Resource, Supply Chain, Finance, Legal, and Customer Services. In the telecom and academic industries, he has 24 years of experience, which allowed him to be at the forefront of introducing next-generation technologies since the early days of the telecom revolution in India. Additionally, he has actively participated in various process and quality improvement efforts, such as ISO certification, Six Sigma implementation, and Quality councils. Furthermore, He possess over three years of experience in academic initiatives, including entrepreneurship skilling and education for students and faculty members, livelihood development programs for women, Self Help Groups, and unemployed youths.

### **Description of the Event:**

Disruptive technology is an innovation that significantly alters the way that consumers, industries, or businesses operate. It displaces a well-established product or technology, creating a new industry or market. One of the key features of disruptive technology is its ability to offer consumers new and notable benefits. Even a startup with limited resources can aim at technology disruption by inventing an entirely new way of getting something done. Established companies tend to focus on what they do best and pursue incremental improvements rather than revolutionary changes. They cater to their largest and most demanding customers. Some examples of disruptive technologies include Block chain Technology, Artificial Intelligence (AI), 5G Technologies, Internet of Things (IoT), Drone Technology, 3D Printing, e-commerce, GPS system and many more.

In order to understand the role and benefits of disruptive innovations in entrepreneurship journey of students, Industry Institute Interaction Cell (IIIC) in association with Department of CCE & CSE (ICB) organized an expert talk on the said title for 3<sup>rd</sup> semester students on 21<sup>st</sup> December 2023 at seminar Hall, KSIT. As per the directions of Head, Department of CCE & CSE (ICB), 3<sup>rd</sup> Semester students assembled in seminar hall at 10.25AM. The program started with welcoming the industry expert Shri. R. Anantharaman with a bouquet by Dr. Dilip Kumar K, Principal-KSIT. Mr. Rajesh G.L, Chief coordinator – IIIC outlined the meaning of disruptive technology with examples. Industry expert briefed about key features of disruptive innovation and its ability to offer consumers new and notable benefits. He also explained disruptive technologies including Block chain Technology, Artificial Intelligence (AI), 5G Technologies, Internet of Things (IoT), Drone Technology, 3D Printing, e-commerce, GPS system and many more. Further, program ended with vote of thanks by Mr. Rajesh G.L at 12.00PM.

**Objectives / Key Highlights:**

- Understand the role and benefits of disruptive innovations in young minds.
- Explore different types of disruptive technologies and its applications

**Participant details - No. of Participants: 94**  
**Students (internal/external): Internal (CCE – 46; CSE ICB – 48)**  
**Faculty: Prof. Rachana, Asst. Prof. CSE (ICB) & Prof. Shashikala, CCE**

**Photos (Geo Tagged):**



**Welcome address by Mr. Rajesh G.L**



**Industry expert briefing about disruptive technology**



**Explaining about innovation and its benefits**



**Students interaction with the expert**

**Outcomes / Benefits:**

- Students understood the need of disruptive innovation for a successful entrepreneurship journey
- Explored on case studies pertaining to block chain, IoT, 5G Technology and AI.

**Attachments:**

1. Communication with Resource person
2. Resource person Profile
3. Evaluation and Feedback

**CO/PO&PSO mapping - CCE**

CO/PO&PSO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO 1	PSO 2
Expert Talk	-	-	-	-	01	-	-	-	-	-	-	-	01	-
Average	-	-	-	-	01	-	-	-	-	-	-	-	01	-

**PO5: Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

**PSO1:** Ability to apply the fundamental concepts of Artificial Intelligence and Machine Learning to design and develop solutions to multidisciplinary problems of social concern.

**CO/PO&PSO mapping – CSE (ICB)**

CO/PO&PSO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO 1	PSO 2
Expert Talk	-	-	-	-	-	-	-	-	-	-	-	01	01	01
Average	-	-	-	-	-	-	-	-	-	-	-	01	01	01

**PO12: Lifelong learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

**PSO1:** Graduates will demonstrate the technical skills to address real-world challenges in IoT, cyber security, and blockchain technology while upholding ethical considerations and social responsibility.

**PSO2:** Graduates will engage in continuous learning, collaborate cross-functionally, and adeptly create and implement inventive solutions for societal benefit while ensuring digital security and privacy.

Mr. Rajesh G.L

Chief Coordinator - IIIC

Dr. Chanda V Reddy

Head - CCE

Dr. Ganga Holi

Head – CSE (ICB)

Dr. Dilip Kumar K

Principal, KSIT



K.S. INSTITUTE OF TECHNOLOGY, BANGALORE - 560109



INDUSTRY INSTITUTE INTERACTION CELL  
&  
DEPARTMENT OF CSD, ME & AIML

## Seminar on "Study Abroad"

Date of Conduction: 20<sup>th</sup> June 2024

Venue: KSIT Seminar Hall, Ground Floor

Time: 02.00PM -04.00PM

Duration: 02 Hours

Associating Organization: Internshala in partnership with ETS India and iSchoolConnect



*Expert Details - with photo*



Name: Mr. Vaibhav Gupta

Designation: Co-founder and training faculty

Organization: iSchoolConnect, Mumbai



Name: Mr. Naveen Kumar

Designation: Senior Business Development Manager

Organization: ETS India, Chennai

### Brief Profile about the Expert: Mr. Vaibhav Gupta

With 7+ years of experience and an entrepreneurial mindset, Vaibhav have been fortunate to work with several multi-million clients. He enjoy using analytical and creative chops equally to lead a product from concept to launch at scale, drive growth initiatives, and craft compelling storytelling for consumer marketing campaigns. He loves working with smart people and thrive on solving interesting business challenges. Specialties: Product Marketing, New product launches, Brand positioning and messaging, Go-to-Market, Demand Generation, Customer acquisition, Life cycle marketing, Consumer marketing campaigns.

### Brief Profile about the Expert: Mr. Naveen Kumar

He is having 7+ years of experience in training the candidates planning to peruse higher education in US, UK, Germany and other developed countries. His expertise is higher education counseling and visa management at ETS India, Chennai.

### Description of the Event:

In order to explore scholarship opportunities at various universities of foreign countries and preparation for entrance exams, Industry Institute Interaction Cell (IIC) in association with Department of CSD, AIML & ME organized a seminar on the said title for VI semester students on 20<sup>th</sup> June 2024 in seminar Hall, KSIT at 2.00PM. The program started with welcoming the resource person Mr. Vaibhav Gupta and Naveen Kumar with a bouquet by Dr. Dilip Kumar K, Principal-KSIT. Mr. Rajesh G.L, Chief coordinator - IIC outlined the objectives of the "Study abroad" seminar. Mr. Vaibhav briefed about how to search for universities and work while studying abroad. He also explained how to apply for visa at different countries and its procedures. The prerequisite for GRE and ToEFL exams were described by Mr. Naveen Kumar and interacted with students. Few students showed interest and collected the necessary details on foreign universities. Further, program ended with vote of thanks by Mr. Rajesh G.L at 04.00PM.

### Objectives / Key Highlights: Understand

- How to find the right college/university
- How to successfully get a visa
- How to get a scholarship and manage finances while studying abroad
- How to score well on GRE & TOEFL

Participant details - No. of Participants: 70

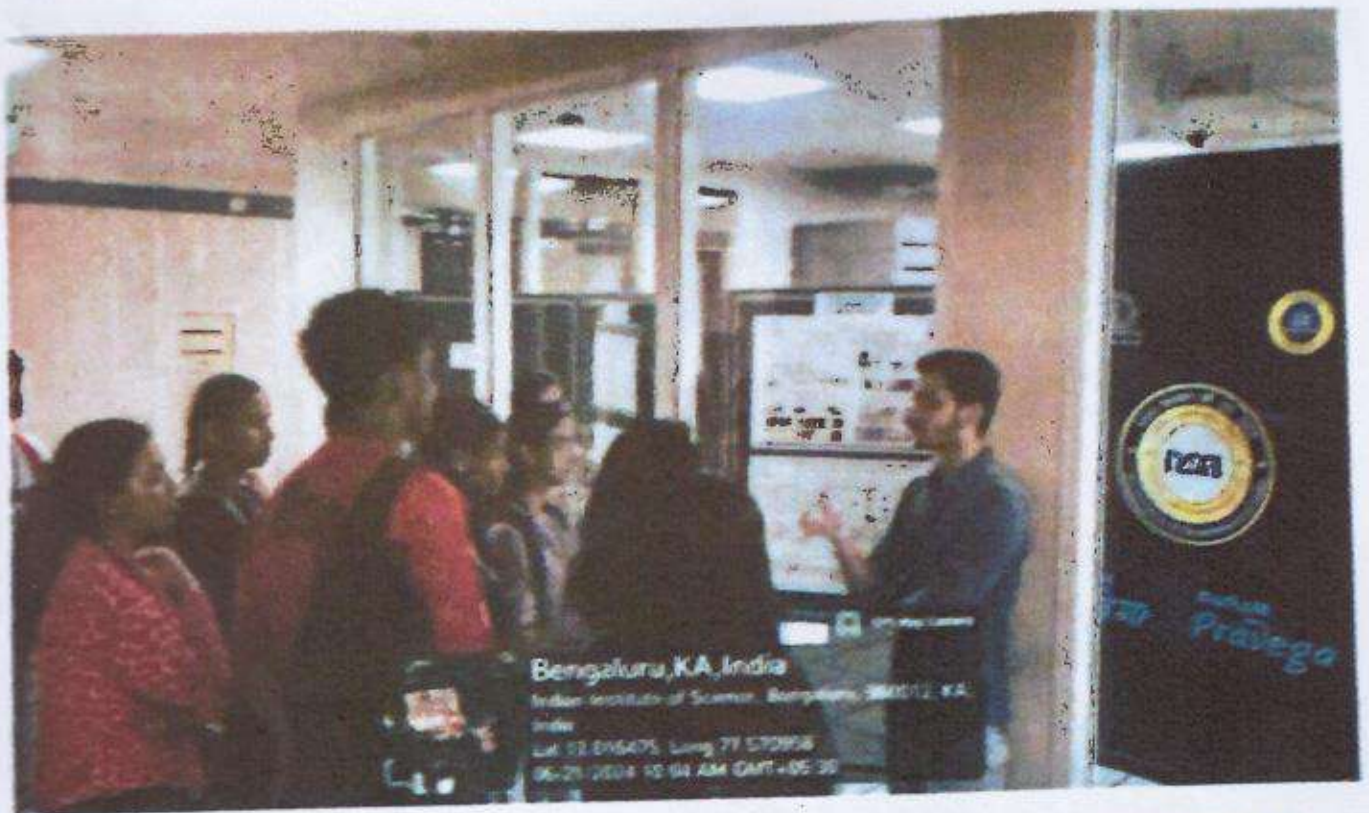
Students (internal/external): Internal (CSD, AIML, ME) - 70

Faculty: Rajesh G.L, IIC.

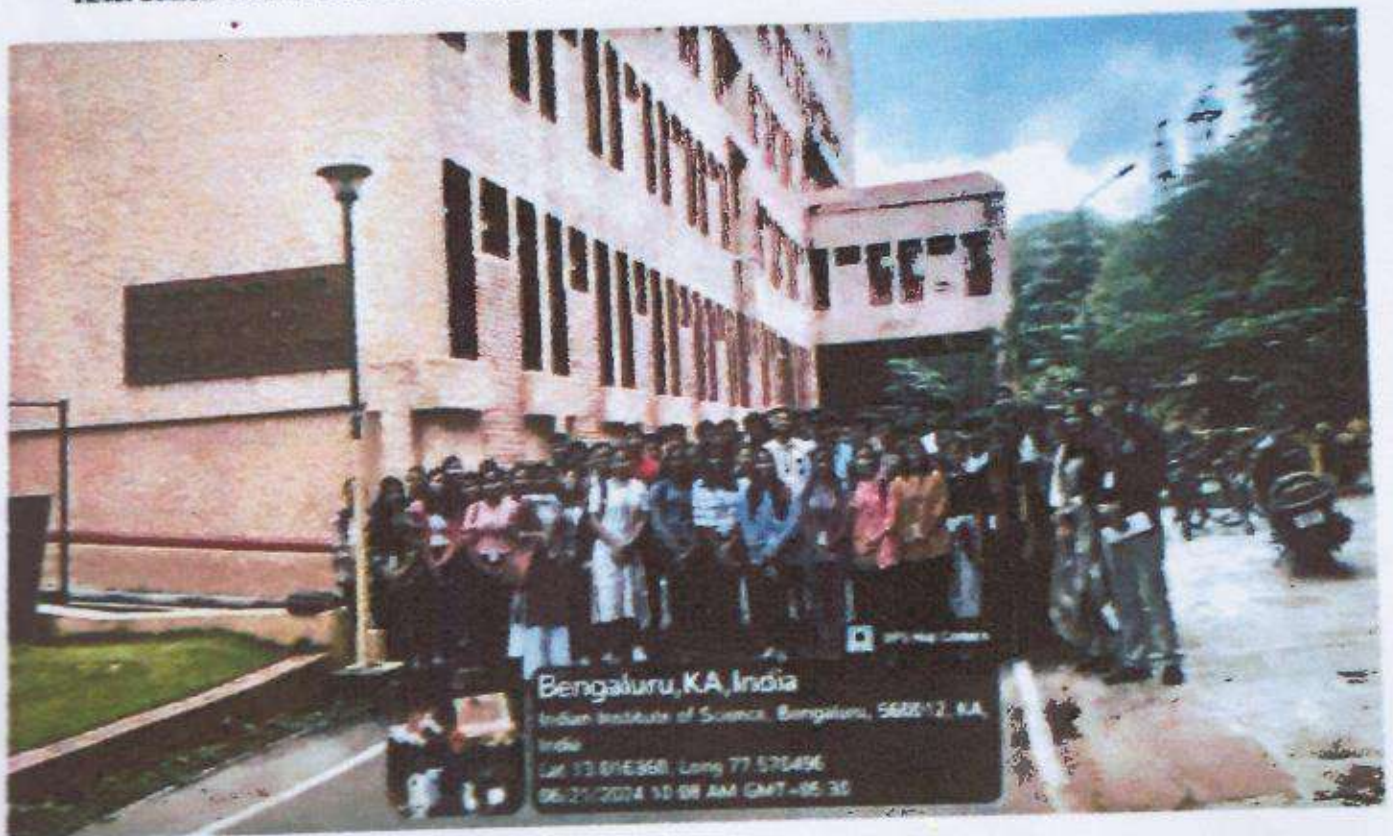
Photos (Geo Tagged):



*Mr. Vaibhav Gupta briefing about higher education and visa management*



Interaction of students with Mr. Trivikram, Software Developer & research scholar @SERC



At Supercomputer Education & Research Centre (SERC), Indian Institute of Science (IISc)

#### Outcomes / Benefits:

- Students explored on supercomputer applications and delta clusters.
- Understood the future scope and influence of supercomputers in current scenario.

**Attachments:**

1. Communication with Industry
2. Industry visit circular and transport arrangement request letter
3. Feedback

**CO/PO&PSO mapping - AI & ML**

CO/PO&PSO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO 1	PSO 2
Industry visit	-	-	-	-	02	-	-	-	-	-	-	-	-	02
Average	-	-	-	-	02	-	-	-	-	-	-	-	-	02

**PO5: Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

**PSO2:** Ability to use the inculcated experiential learning for research and development activities in compliance with National Education Policy.

**Mr. Rajesh G.L**

Chief Coordinator - IIIC

Industry Institute Interaction Cell (IIIC)  
K. S. INSTITUTE OF TECHNOLOGY  
BENGALURU - 560 109

**Dr. Vijayalaxmi Mekali**

Head - AI & ML

Head of the Department  
Artificial Intelligence & Machine Learning  
K.S. Institute of Technology  
Bengaluru - 560 109

**Dr. Dilip Kumar K**

Principal, KSIT

PRINCIPAL  
K.S. INSTITUTE OF TECHNOLOGY  
BENGALURU - 560 109.

1KS22AI004

1KS22AI005

1KS22AI063

1KS21AI008

1KS22AI001

1KS22AI056

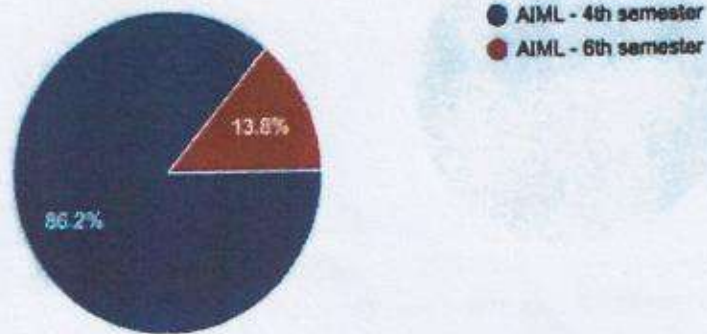
1KS21AI051

1KS22AI048

### Branch & Semester

 Copy

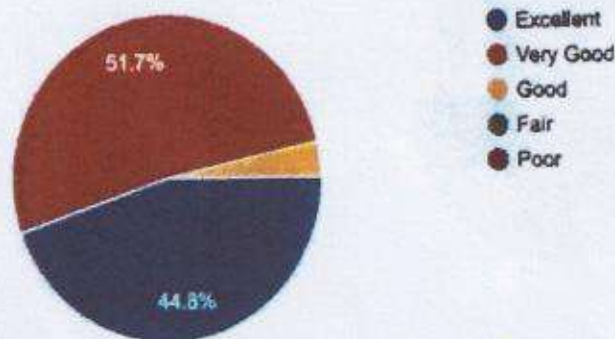
29 responses



### 1. Clarity of information and presentation by speaker

 Copy

29 responses

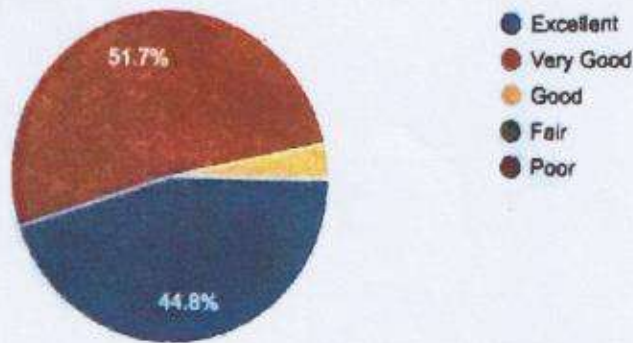




### 2. Relevance of Information to the students of AIML

Copy

29 responses



### 3. Did this seminar make you think about innovation in the field and therefore, broaden your horizons in engineering?

Copy

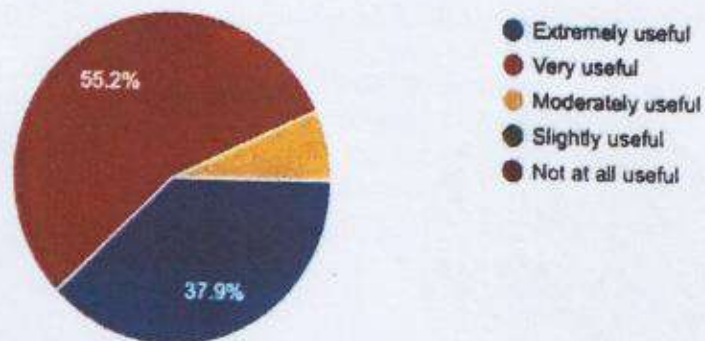
29 responses

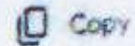


### 4. How useful did you think this event was for you?

Copy

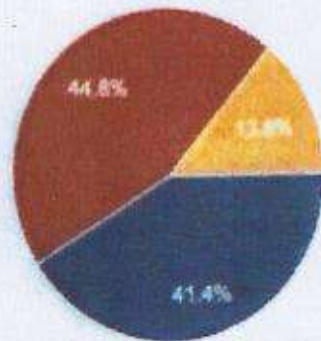
29 responses



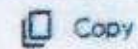


### 5. Interaction of speaker with the participants

29 responses

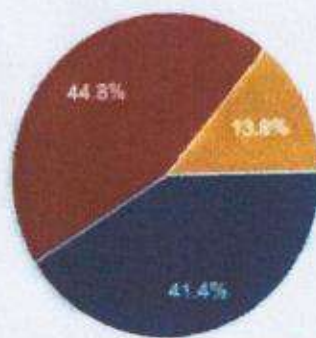


- Excellent
- Very Good
- Good
- Fair
- Poor



### 6. How was the event organized?

29 responses

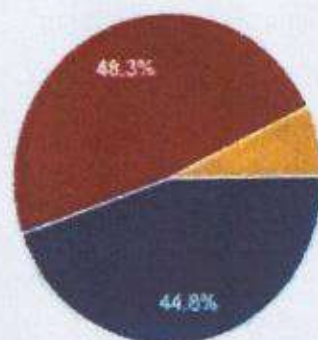


- Excellent
- Very Good
- Good
- Fair
- Poor



### 7. How satisfied are you about the event?

29 responses



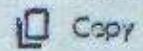
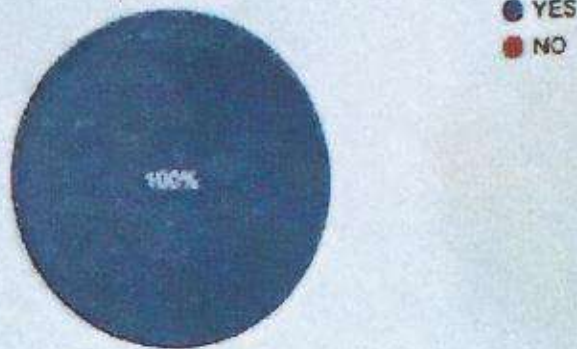
- Extremely satisfied
- Very satisfied
- Neutral
- Dissatisfied
- Very Dissatisfied



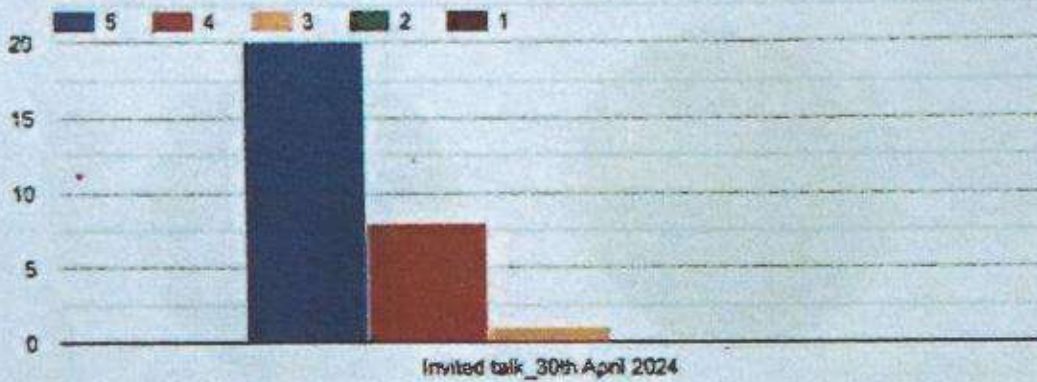


### 8. Would you like to attend similar events in future?

29 responses



### 9. Overall Rating of the event



This content is neither created nor endorsed by Google. [Report Abuse](#) - [Terms of Service](#) - [Privacy Policy](#)

Google Forms

COORDINATOR  
KSIT - KSCST IPR CoJ  
K.S. INSTITUTE OF TECHNOLOGY  
Bangalore - 560109



**K. S. INSTITUTE OF TECHNOLOGY,  
BENGALURU – 560109**

**DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING**

**“TECHNICAL TALK ON INTRODUCTION TO CYBER SECURITY”**

**DATE OF CONDUCTION: 4/07/2024**

**VENUE: SEMINAR HALL, KSIT**

**TIME: 10:00AM-11:30AM**

**DURATION: 2 HOURS**

**SPONSORING BODIES / ASSOCIATING ORGANIZATION: RUBIXE BITES**

**BRIEF ABOUT THE EVENT**

The department of Artificial Intelligence and Machine Learning had conducted Technical Talk On Introduction To Cyber Security as a part of activity which has been mentioned in the syllabus.

The main objective of the field visit was to know the importance of Cyber Security and Ethical Hacking.

**DESCRIPTION OF THE EVENT**

The main objectives of this talk was to focus on generated and reviewed reports relating to testing software packages, Conduct investigation of client requests to understand product security, formulate and executed requirements to implement security tests. The talk also involved providing assistance in vulnerability evaluations and penetration testing operations, implementing detection of attacks in coordination with network defenders, administering software applications by identification of security malfunctions.

KS Institute of Technology had taken up the task of making the students understand the technology around them. The institution also provided the opportunity of attending talk to to all the students of 6<sup>th</sup> and 4<sup>th</sup> semester of Artificial Intelligence and Machine Learning department.

### **KEY TAKEWAYS:**

Technical Talk on Introduction To Cyber Security was a booming success. The students gained knowledge in Cyber Security.

### **OBJECTIVES / KEY HIGHLIGHTS**

- Conduct investigation of requests to understand product security, formulate and executed requirements to implement security tests
- Involves the awareness, understanding, and appreciation of connections among networks.
- Highlighting the dimensions of security malfunctions

### **PARTICIPANT DETAILS**

**No. of Participants:** 136

**Students (internal/external):** 136

**Faculty:** Dr VIJAYALAXMI MEKALI, HOD, AI&ML

Prof. PREETHA KAMATH B, Asst. Prof. AI&ML

### **PHOTOS:**



- **Handing of Momentos by Dr Vijayalaxmi Mekali to Mr. Ramkumar V, Vice President, Rubixe**



- Introduction to cybersecurity by Speaker Mrs.Syeda Thasnim Fathima



- Discussion on product security by speaker Mrs.Syeda Thasnim Fathima



- Discussion on detection of attacks by Mr. Ramkumar V, Vice President, Rubix

#### OUTCOMES / BENEFITS

- The talk had an insightful effect on the students.
- Students understood process of conducting investigation on product security, formulate and execute requirements to implement security tests

#### COPO MAPPING

CO/PO & PSO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
Tech talk- Introduction to cybersecurity	2	-	-	-	3	3	3	3	3	2	-	2	-	-
AVERAGE	2	-	-	-	3	3	3	3	3	2	-	2	-	-

**PO1: Engineering Knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and engineering specialization to the solution of complex engineering problems.

**PO5: Modern tools usage:** Modern tools can be used to analyze the data.

**PO6: Engineer and Society:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

**PO7: Environment:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

**PO8: Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

**PO9: Individual and team work:** Function effectively as an individual, and as a member or leader in teams, and in multidisciplinary settings.

**PO10: Communication:** Communicate effectively with the engineering community and with society at large. Be able to comprehend and write effective reports documentation. Make effective presentations, and give and receive clear instructions.

**PO12: Lifelong learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.



**PREETHA KAMATH B**  
**EVENT COORDINATOR**



**Dr VIJAYALAXMI MEKALI**  
**HOD**



**Dr DILIP KUMAR K**  
**PRINCIPAL**

**PRINCIPAL**  
**K.S. INSTITUTE OF TECHNOLOGY**  
**BENGALURU - 560 109.**





K.S. INSTITUTE OF TECHNOLOGY, BANGALORE



**Industry-Institute Interaction Cell  
&  
Department of Artificial Intelligence and Machine Learning**

**Hands-On Workshop entitled “Web Development”**

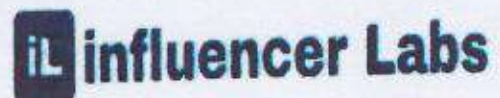
**Date of Conduction: 12<sup>th</sup> July 2024**

**Venue: Seminar Hall, Ground Floor and OB 406 Labs**



**Time: 8.45AM –4.00PM**

**Duration: 01 Days (06 Hours)**

**Associating Organization: Influencer Labs, Bengaluru**



*Expert Details – with photo*

NAME	DESIGNATION	ORGANIZATION	PHOTO	Brief about expert
<p><b>Shri. Ravi Kumar C</b></p> <p><u>Session 1:</u> 9.15 am - 11.15 am</p>	<p><b>Head – Innovation &amp; Sales</b></p>	<p><b>Influencer Labs, Bengaluru</b></p>		<p>He has 25+ years of experience in technology and progressive management expertise in IT with demonstrated initiative, creativity, and success. A proactive, multilingual leader with experience in Designing Cloud, Data center, Software Engineering, IoT, MDM, BigData, and BI Solutions.</p>
<p><b>Shri. Priyanka Gunaga</b></p> <p><u>Session 2:</u> 11.30 am - 01.30 pm</p>	<p><b>Head – Talent Acquisition</b></p>	<p><b>Influencer Labs, Bengaluru</b></p>		<p>She had 10+ of experience in Operations, Projects, and Analyst. Experienced in training large batch sizes of Freshers, Experienced and combination of both. Conducted multiple seminars, workshops, and training for students.</p>

<p style="text-align: center;"><b>Shri. Narenthiran P K</b></p> <p><u>Session 3</u>: 02.00 pm - 04.00 pm</p>	<p style="text-align: center;"><b>Senior Software Developer</b></p>	<p style="text-align: center;"><b>Influencer Labs, Bengaluru</b></p>	<div style="text-align: center;">  </div> <p>He has 4+ years of experience in technology, excelled in full-stack web development and UI Development. Successful Training and deployment of more than 250+ candidates since 2021 under HTD programs and Also, hands-on experience in independently developing projects.</p>
--	---	--	--

#### **Description of the Event: Inaugural function**

Registrations for One-Day workshop started at 8.30AM near reception area on 12th July 2024. With the arrival of Chief guest Shri. Ravi Kumar C, Head – Innovation & Sales, Influencer Labs, Bengaluru and dignitaries, inaugural function started with invocation song followed by lighting the lamp in seminar hall, ground floor at 8.45AM. Dr. Dilip Kumar K, Principal & Director, welcomed the chief guest and briefed about the workshop objectives to the participants. Chief guest of the function Shri. Ravi Kumar C, explained basics of web development skills and its role in progress of an individual. Dr. Vijayalaxmi Mekali, Head – Department of artificial intelligence & machine learning, outlined workshop schedule and informed participants to involve and get benefited from the event. The inaugural function ended with vote of thanks by Mr. Rajesh G.L, Chief Coordinator, Industry-Institute Interaction Cell at 9.15AM.

#### **Session 1: 9.15 am - 11.15 am – “Introduction to HTML”**

Hands-On Session 1 started at 09.15AM in OB406 Lab, by welcoming the resource person. Shri. Ravi Kumar C demonstrated creation of a web page using HTML. Participants interacted with expert and completed the assigned task.

Further, Expert conducted quiz/interaction session related to HTML at the end of the session.

#### **Session 2: 11.30 am - 01.30 pm – “Styling with CSS”**

Shri. Narenthiran P K, Senior Software Developer, Influencer Labs, delivered an interactive session entitled “styling with CSS” at 11.30AM. He illustrated how to style a webpage using CSS and informed students to do the same. Students got explored towards styling of webpage and understood different methods of designing/styling the existing/created webpages.

The session ended with a task of designing the created webpage using CSS at 1.30PM.

#### **Session 3: 02.00 pm - 04.00 pm – “Responsive Design & Layout and JavaScript”**

At 02.05PM, Hands-On session started with simple task of adding interactivity to the webpage using javascript. He interacted with participants with live examples and explained how to incorporate interactivity to the existing webpage using javascript. Later he informed participants to create two groups with 30 numbers in a group and conducted quiz activity on Javascript. Session ended at 3.45PM.

#### **Valedictory function**

Upon successful completion of all three sessions, valedictory function started at 3.45PM by welcoming the dignitaries on to the stage by Prof. Renuka Patel, Associate. Prof. AIML.

Chief guest Shri. Ravikumar C thanked the management, principal and organizing member of the workshop and appreciated the enthusiasm of the participants. Feedback from two participants was noted and function ended with vote of thanks by Prof. Sudha B, Assistant Prof. AIML at 4:00PM.

**Photos (Geo Tagged):**

**Glimpse of Inaugural function**



**Welcoming the chief guest**



**Address by Dr. Dilip Kumar K, Principal, KSIT**

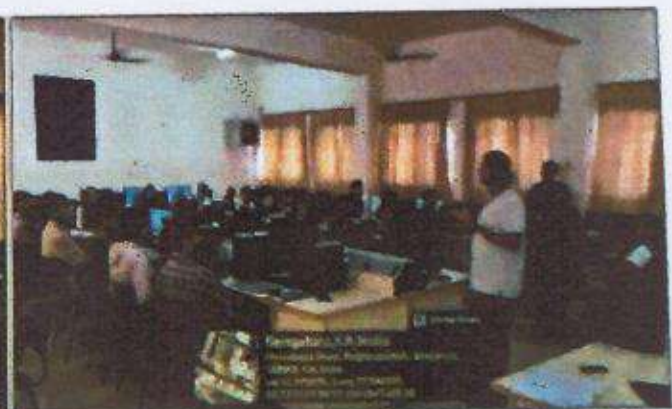


**Address by Shri Ravi Kumar C, Influencer Labs**



**Address by Dr. Vijayalaxmi M, Head-AIML**

**Glimpse of Hands-On Sessions:**



**Hands-On Session 1 on creating webpage using HTML.**



**Hands-On Session 2 on styling of created webpage using CSS**



**Hands-On Session 3 on adding interactivity to the webpage using Javascript**



**Quiz activity conducted during the workshop on "HTML" and "Javascript"**

**Glimpse of Valedictory function:**



**Valedictory function at 3.45PM**

**Feedback from participants**

### Objectives / Key Highlights:

- Understand importance of HTML & Javascript in web development.
- Explore styling of webpage using CSS

Participant details - No. of Participants: 63

Students (4<sup>th</sup> Semester - AIML): Internal - 63

Workshop Coordinator: Prof. Renuka Patel, Associate Prof. AIML

### Outcomes / Benefits:

- Participants understood how to create webpage using HTML
- Explored the benefits of styling webpage using CSS and Javascript

### Attachments:

1. Communication with Resource person
2. Resource person Profile
3. Budget & Expenditure
4. Evaluation and Feedback

### CO/PO&PEO Mapping - AI & ML

CO/PO&PSO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO 1	PSO 2
Workshop	-	-	2	-	-	-	-	-	-	-	-	-	-	-
Average	-	-	2	-	-	-	-	-	-	-	-	-	-	-

**PO3: Design/Development:** Design solutions for complex engineering problems and design system components, processes to meet the specifications with consideration for the public health and safety, and the cultural, societal, and environmental considerations.

Mr. Rajesh G.L

Chief Coordinator - IIIC

Industry Institute Interaction Cell (IIIC)  
K. S. INSTITUTE OF TECHNOLOGY  
BENGALURU - 560 109

Dr. Vijayalaxmi Mekali

Head - AI & ML

Head of the Department  
Artificial Intelligence & Machine Learning  
K.S. Institute of Technology  
Bengaluru - 560 109

Dr. Dilip Kumar K

Principal, KSIT

PRINCIPAL  
K.S. INSTITUTE OF TECHNOLOGY  
BENGALURU - 560 109



**KSIT**

KAMMAVARI SANGHAM (R) - 1952

K. S. GROUP OF INSTITUTIONS

**K. S. INSTITUTE OF TECHNOLOGY**

Approved by ECIL, New Delhi, affiliated to VTU, Belagavi, Karnataka. Accredited by NAAC & MAQ (3A, 03 & 02C)

21A, Raghuvanahalli, Kanakapura Road, Bengaluru - 560109

# Session - 1\_Feedback\_Workshop\_12-7-2024

28 responses

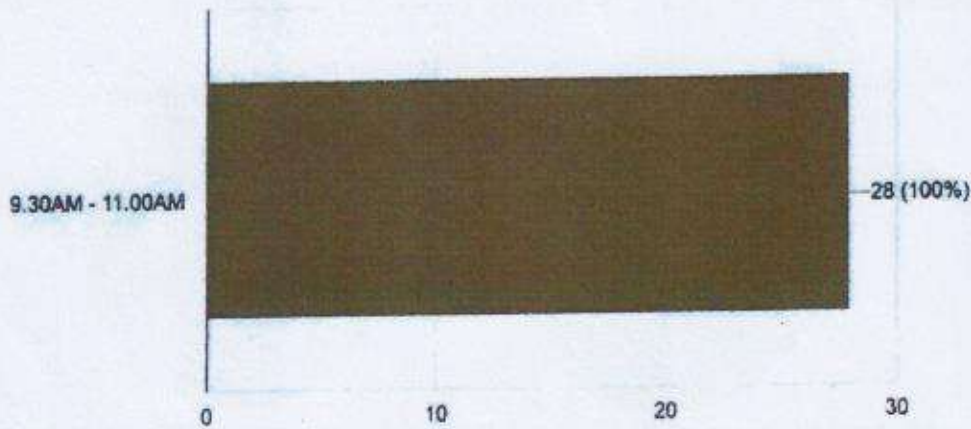
Publish analytics



Copy

## Session - 1

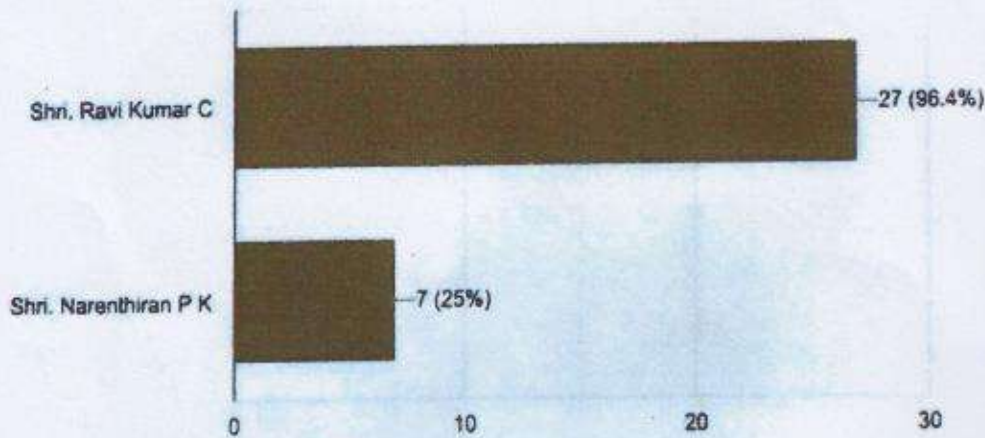
28 responses



## Resource Person

28 responses

Copy



7/19/24, 1:32 PM

1KS22AI042

1ks22ai048

1KS22AI014

1KS22AI045


1KS22AI032

1KS22AI056

1KS22AI005

Branch

28 responses

 Copy

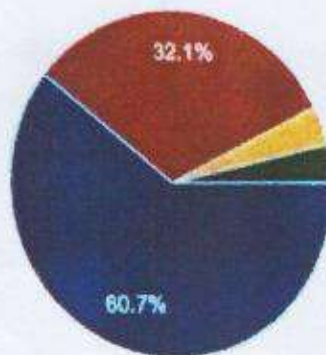


● AI & ML - IV Semester

1. Clarity of information and presentation by speaker

28 responses

 Copy

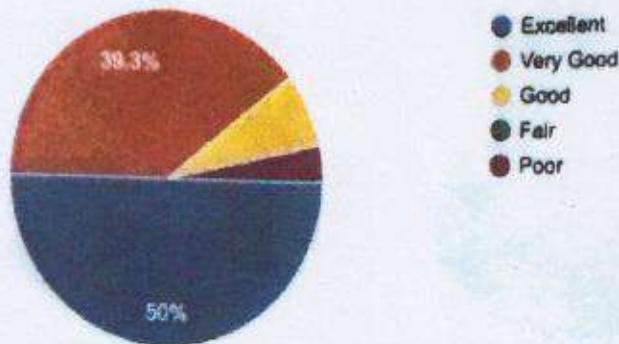


● Excellent  
● Very Good  
● Good  
● Fair  
● Poor

### 2. Relevance of information to the students of AIML

Copy

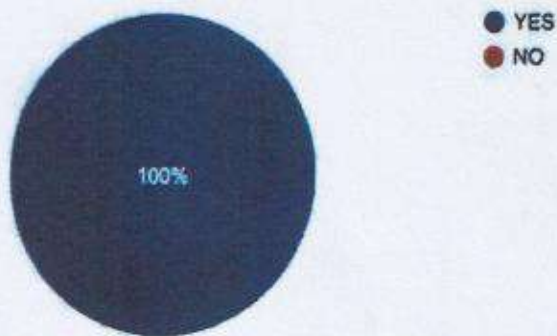
28 responses



### 3. Did this session make you think about interesting issues in the field and therefore, broaden your horizons in engineering?

Copy

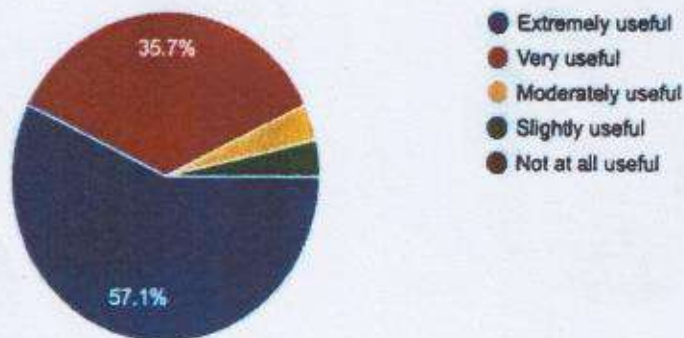
28 responses



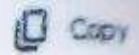
### 4. How useful did you think this session was for you?

Copy

28 responses

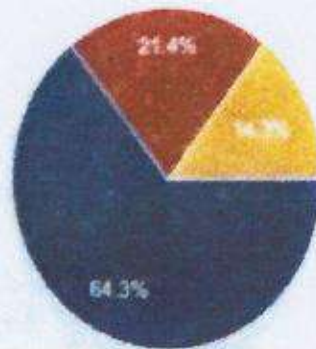






### 5. Interaction of speaker with the participants

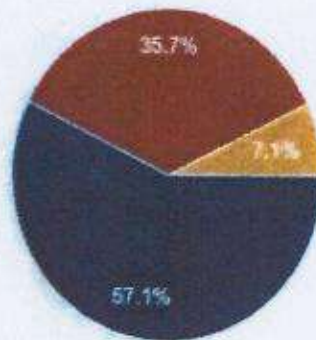
28 responses



- Excellent
- Very Good
- Good
- Fair
- Poor

### 6. How was the session organized?

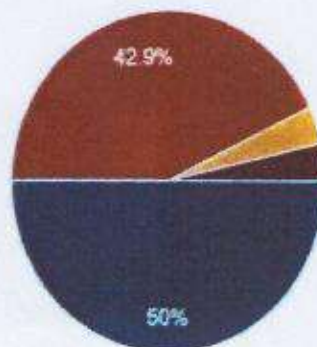
28 responses



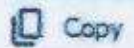
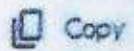
- Excellent
- Very Good
- Good
- Fair
- Poor

### 7. How satisfied are you about the session?

28 responses

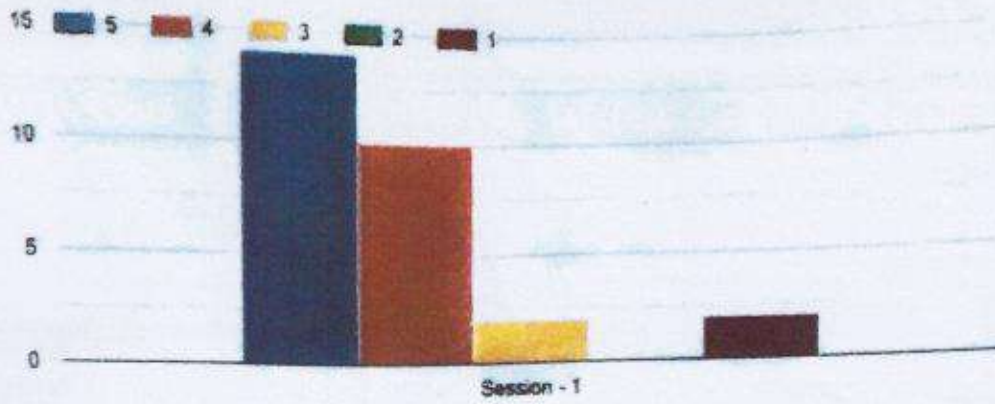


- Extremely satisfied
- Very satisfied
- Neutral
- Dissatisfied
- Very Dissatisfied



### 8 Overall Rating of the session

 Copy



This content is neither created nor endorsed by Google. [Report Abuse](#) - [Terms of Service](#) - [Privacy Policy](#)

Google Forms



**MEMBER CONVENER**  
Industry Institute Interaction Cell (IIC)  
K.S. INSTITUTE OF TECHNOLOGY  
Bangalore - 560109





**KSIT**

KAMMAVARI SANGHAM (R) - 1952

K. S. GROUP OF INSTITUTIONS

**K. S. INSTITUTE OF TECHNOLOGY**

[Approved by AICTE, New Delhi, Affiliated to VTU, Belagavi, Karnataka, Accredited by BAAE, EMBA (U), IC & WU (U)]

#14, Rajhavanahalli, Kanakapura Road, Bengaluru - 560009

## Session - 2\_Feedback\_Workshop\_12-7-2024

22 responses

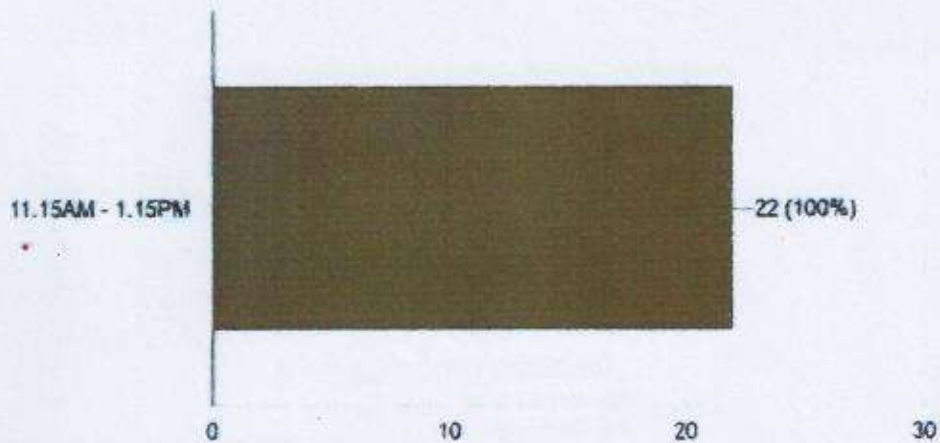
Publish analytics



### Session - 2

22 responses

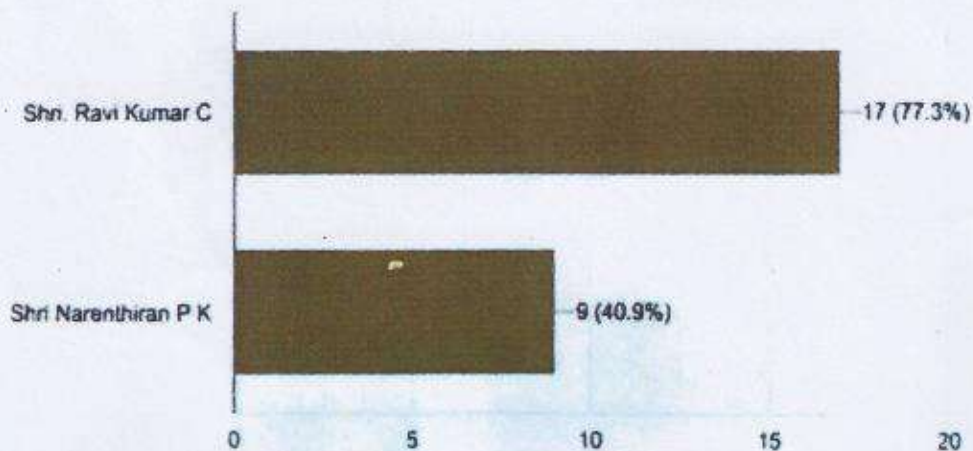
Copy



### Resource Person

22 responses

Copy



Branch

Copy

22 responses

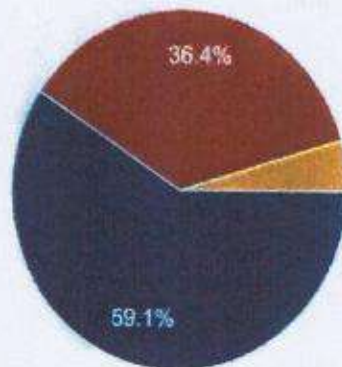


● AI & ML - IV Semester

1. Clarity of information and presentation by speaker

Copy

22 responses

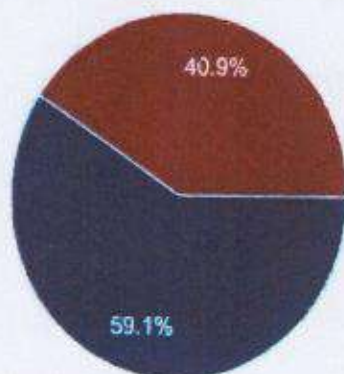


● Excellent  
● Very Good  
● Good  
● Fair  
● Poor

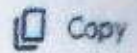
2. Relevance of information to the students of AIML

Copy

22 responses

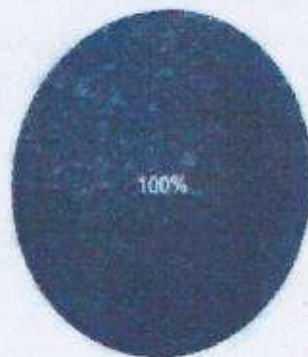


● Excellent  
● Very Good  
● Good  
● Fair  
● Poor

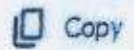


3. Did this session make you think about interesting issues in the field and therefore, broaden your horizons in engineering?

22 responses

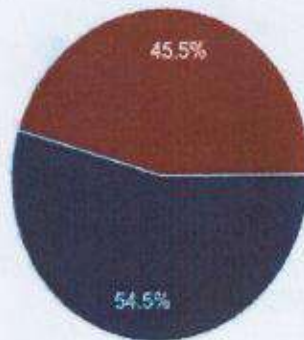


- YES
- NO

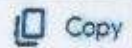


4. How useful did you think this session was for you?

22 responses

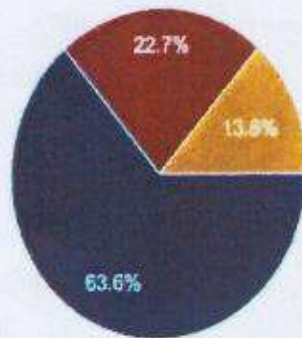


- Extremely useful
- Very useful
- Moderately useful
- Slightly useful
- Not at all useful



5. Interaction of speaker with the participants

22 responses



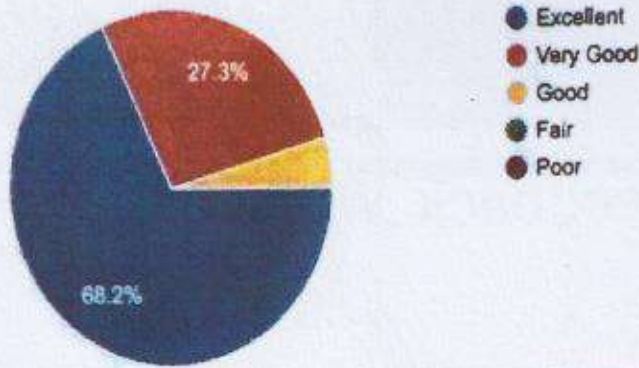
- Excellent
- Very Good
- Good
- Fair
- Poor



### 6. How was the session organized?

Copy

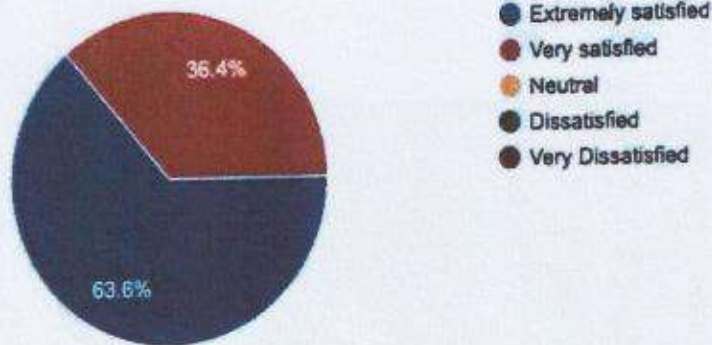
22 responses



### 7. How satisfied are you about the session?

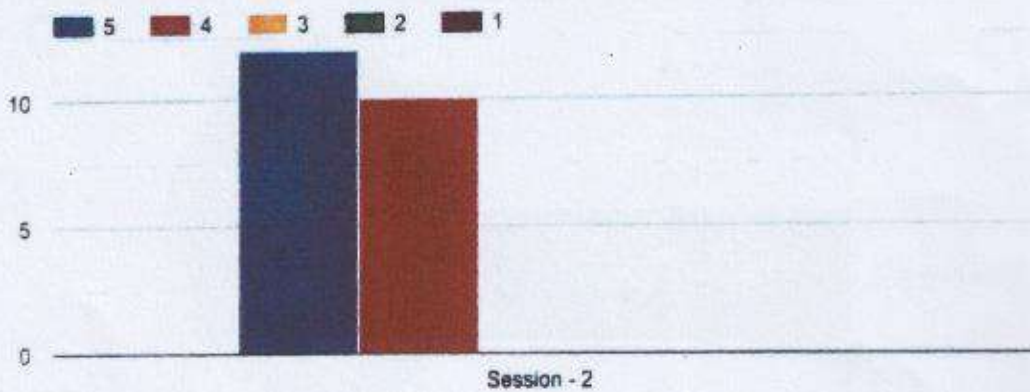
Copy

22 responses



### 8. Overall Rating of the session

Copy



This content is neither created nor endorsed by Google. [Report Abuse](#) · [Terms of Service](#) · [Privacy Policy](#)

Google Forms

**MEMBER CONVENER**  
Industry Institute Interaction Cell (IIC)  
K.S. INSTITUTE OF TECHNOLOGY  
Bengaluru - 560075



**KSIT**

KAMMAVARU SANGHAM (R) - 1952

K. S. GROUP OF INSTITUTIONS

**K. S. INSTITUTE OF TECHNOLOGY**

(Approved by AICTE, New Delhi, Affiliated to VTU, Bangalore, Karnataka, Accredited by NAAC & ISO 9001:2015)

#14, Raghunathahalli, Kanakapura Road, Bengaluru - 560009

## Session - 3\_Feedback\_Workshop\_12-7-2024

21 responses

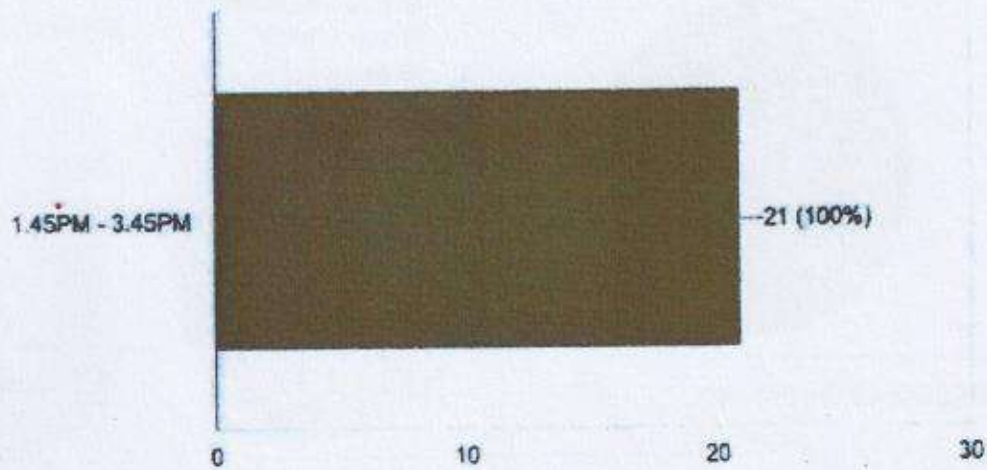
Publish analytics



Copy

### Session - 3

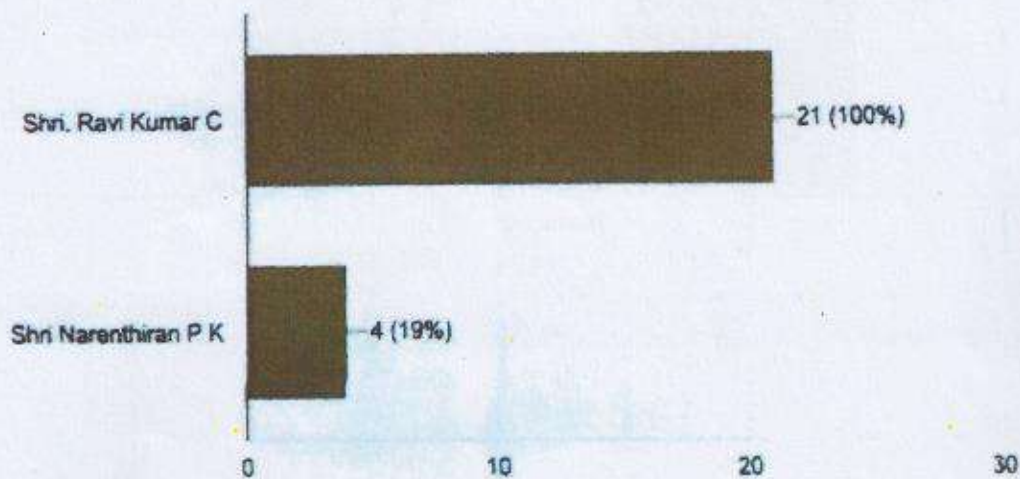
21 responses



### Resource Person

21 responses

Copy



### Branch

21 responses

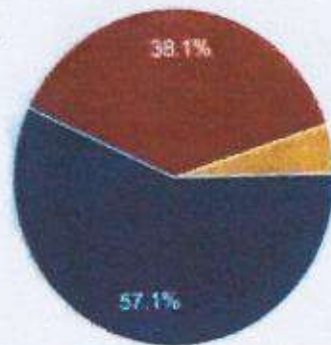
AI & ML - IV Semester



### 1. Clarity of information and presentation by speaker

Copy

21 responses

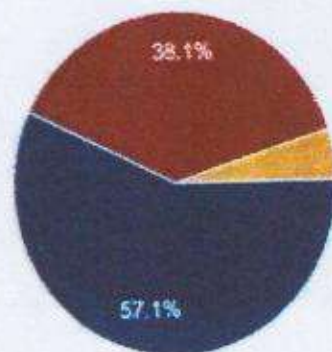


- Excellent
- Very Good
- Good
- Fair
- Poor

### 2. Relevance of information to the students of AIML

Copy

21 responses



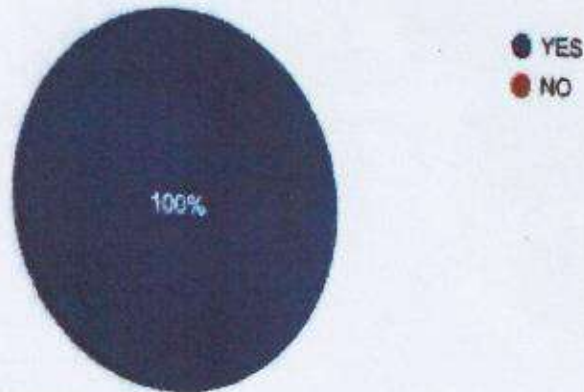
- Excellent
- Very Good
- Good
- Fair
- Poor



3. Did this session make you think about interesting issues in the field and therefore, broaden your horizons in engineering?

Copy

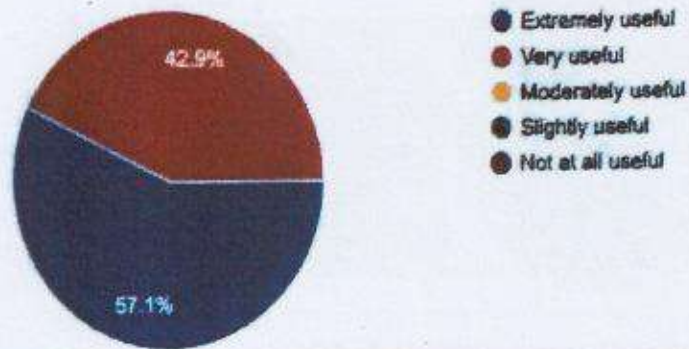
21 responses



4. How useful did you think this session was for you?

Copy

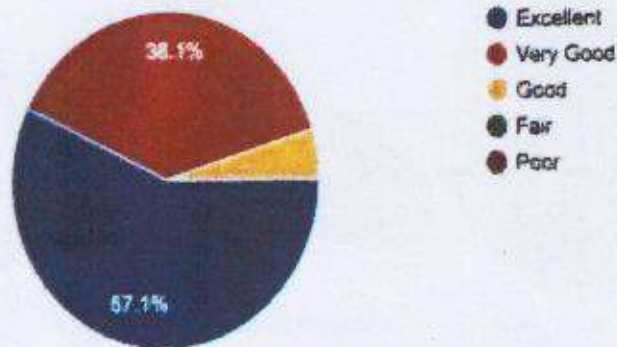
21 responses



5. Interaction of speaker with the participants

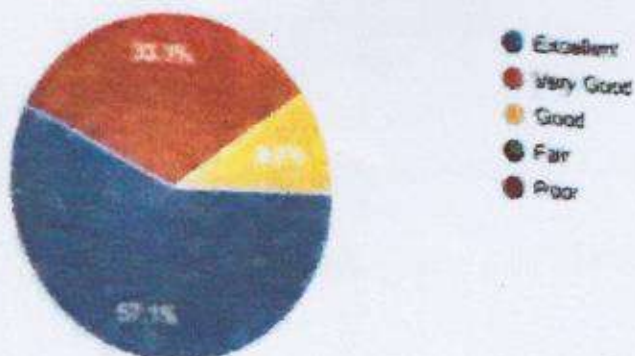
Copy

21 responses



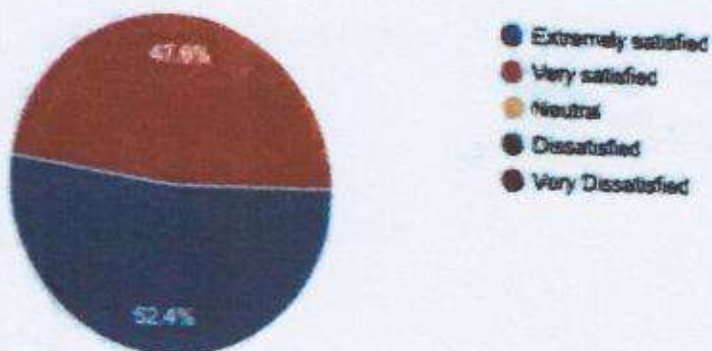
### 6. How was the session organized?

21 responses

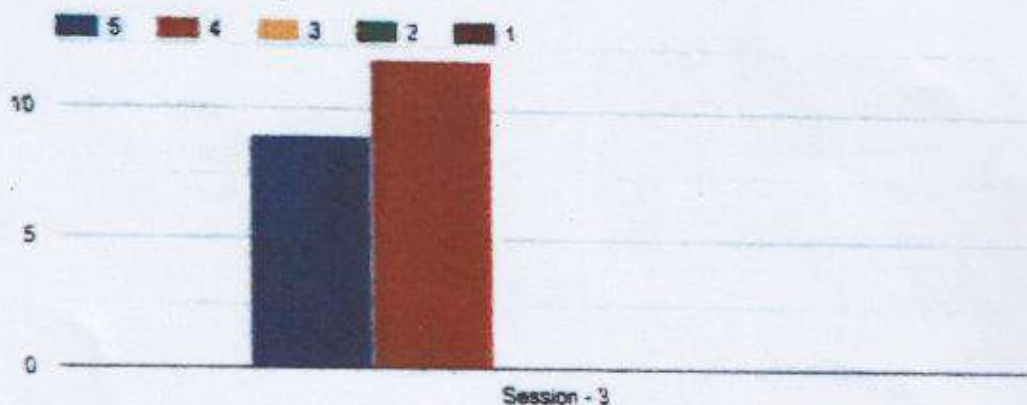


### 7. How satisfied are you about the session?

21 responses



### 8. Overall Rating of the session



This content is neither created nor endorsed by Google. [Report Abuse](#) - [Terms of Service](#) - [Privacy Policy](#)

Google Forms

*Logan*

**MEMBER CONVENER**  
Industry Institute Interaction Cell (I<sup>3</sup>)  
K. S. INSTITUTE OF TECHNOLOGY  
Bangalore - 560 075



# K. S INSTITUTE OF TECHNOLOGY

No.14, Raghuvanahalli, Kanakapura Road, Bengaluru - 560109, 9900710055  
Affiliated to VTU, Belagavi & Approved by AICTE, New Delhi, Accredited by NBA (CSE,ECE,MECH),  
NAAC & IEI



Department of Artificial Intelligence & Machine Learning

presents a technical talk on

*“Minds in the Cloud : Exploring Cloud- based Machine Learning”*

on

11th January 2024  
9:00 AM - 11:00 AM

By

**Mr. Naman Sinha**  
**Senior Software Engineer**  
**Fractal**



Prof. Usha C R  
Event Coordinator  
Dept of AIML

Dr. Vijayalaxmi Mekali  
Professor and Head,  
Dept of AIML

Dr. Dilip Kumar K  
Principal  
KSIT



# K.S. INSTITUTE OF TECHNOLOGY

DEPARTMENT OF ARTIFICIAL INTELLIGENCE & MACHINE LEARNING

Minds in the cloud: Exploring cloud-based Machine Learning

## Technical Talk Attendance

Sem: 5

Academic Year:2023-24

Date:11/01/2024

SLNo	USN	Student Name	Signature
1	1KS21AI001	ABHAY SURYA E	Abha
2	1KS21AI002	ADITHI R	AB
3	1KS21AI003	ADITYA KALKUR	AB
4	1KS21AI004	AMRUTHA M V	Amrutha M V
5	1KS21AI005	ANANYA B GOWDA	Ananya B Gowda
6	1KS21AI006	ANANYA PRAMOD	Ananya
7	1KS21AI007	ANUSHREE R	Anushree
8	1KS21AI008	APEKSHA I M	Apeksha I M
9	1KS21AI009	ARVIND N	Arvind N
10	1KS21AI010	BHUVAN S GOWDA	Bhuvan S Gowda
11	1KS21AI011	CHAITRA S	Chaitra S
12	1KS21AI012	CHEZHAN S	AB
13	1KS21AI013	CHIRAG V S	Chirag V S
14	1KS21AI014	ESHWAR S	Eshwar S
15	1KS21AI015	G C SAMBRAM	G C Sambram
16	1KS21AI016	G VINAY KUMAR	Vinay G
17	1KS21AI017	HARIKRISHNA G	Hari Krishna G
18	1KS21AI018	HARSHITHA A	Harshitha A
19	1KS21AI019	HEMALATHA D R	Hemalatha D R
20	1KS21AI020	JAYASHREE P R	Jayashree P R
21	1KS21AI021	K J ARUN	Arun
22	1KS21AI022	KARTHIK CHAVAN	Karthik
23	1KS21AI023	KAVYA S	Kavya S
24	1KS21AI024	KEERTHANA R	Keerthana R
25	1KS21AI025	LIKITHA K	Likitha K
26	1KS21AI026	LOCHAN K	Lochan K
27	1KS21AI027	LOKARANJAN B S	B. S. Lokarajan
28	1KS21AI028	MODUPALLI MEGHANA	Modupalli Meghana
29	1KS21AI029	MRUDULA S R	Mrudula S R
30	1KS21AI030	NABIHA SHARIFF	Nabihah
31	1KS21AI031	NEERAJ P	Neeraj P
32	1KS21AI032	NEHA K B	Neha

33	1KS21AI033	NILANJANA JAMINDAR	Nilanjana
34	1KS21AI034	NITHIN HAREESH GOWDA S H	Nithin S.H.
35	1KS21AI035	NITHISH GOWDA K J	Nithish
36	1KS21AI036	NITHYA R	Nithya R.
37	1KS21AI037	P LALIT SHEKHAR	Plalit
38	1KS21AI038	PRAJWAL D	Prajwal D.
39	1KS21AI039	PUNYA SHREE T S	Punya
40	1KS21AI040	RACHANA P R	Rachana P.R.
41	1KS21AI041	RAKSHITA S	Rakshita
42	1KS21AI042	SAHANA S	Sahana.S
43	1KS21AI043	SAI NEHA D P	AB
44	1KS21AI044	SAMANA M B	Samana
45	1KS21AI045	SANJANA O R	Sanjana O.R.
46	1KS21AI046	SHAMA S K	Shama S.K.
47	1KS21AI048	SHIVANI UPPIN	Shivani
48	1KS21AI049	SUDEEP RANJAN	Sudeep Ranjan
49	1KS21AI050	SUHAS R	Suhas R.
50	1KS21AI051	SURABHI T G	AB
51	1KS21AI052	TANUSHREE S	Tanushree S.
52	1KS21AI053	THRYAKSHARI S	Thryakshari S.
53	1KS21AI054	VARNIKA V N	Varnika
54	1KS21AI055	VENKATESH T	Venkatesh T.
55	1KS21AI056	VINITH P	Vinith P.
56	1KS21AI057	ZUHA SUHAIL	Zuha
57	1KS21AI058	CHIRAG S	Chirag S.
58	1KS20AI024	MOHAMMED ZEESHAN	AB
59	1KS20AI029	PAVAN,A	Pavan A.
60	1KS20AI040	SYED AASIM HUBAIRA	Syed Aasim
61	1KS22AI400	AVINASH P	AB
62	1KS22AI401	CHETHAN N	AB
63	1KS22AI402	JAHNAVI	K. Jahnavi
64	1KS22AI403	RISHI S	Rishi S.
65	1KS22AI404	SAHU DURGAMADHAB SARAT KUMAR	Sahu Durgamadhhab
66	1KS22AI405	SANJAY KU	Sanjay K.U.
67	1KS22AI406	ULLAS B	Ullas B.

Ushace  
Coordinator

  
HOD



# K S INSTITUTE OF TECHNOLOGY

DEPARTMENT OF ARTIFICIAL INTELLIGENCE & MACHINE LEARNING  
REPORT ON TECHNICAL TALK  
"AI AND INDUSTRY USE CASES SOLVED BY HPE"

Semester:	3 <sup>rd</sup> and 5 <sup>th</sup> Semester
Event Type:	Technical talk
Event Name:	AI AND INDUSTRY USE CASES SOLVED BY HPE
Date/Duration:	13-1-2023/ 1.30 pm to 3.30pm
Associated Professional Bodies	IIC
No. of Students:	55
Speaker Details:	Mr. Narsimha Nikhil Raj Padal, Expert Engineer , HPE Mr. Yogesh Kumar Choubey, Senior Specialist Engineer, HPE
Online link/Offline:	Offline

## Event Objectives:

- Provide an understanding of the artificial intelligence and its industry use cases.
- Provide an understanding of neural network and its uses.
- Provide an insight in to latest AI trends and research area.

## Event description with pictures:

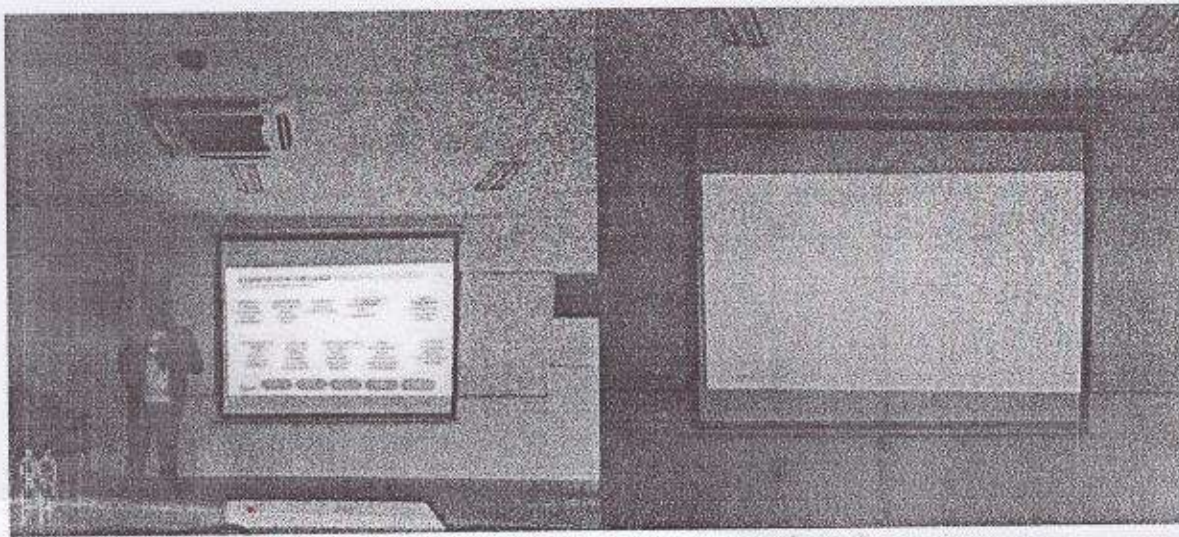
The event began with the speaker Mr. Narsimha Nikhil Raj Padal, Expert Engineer, HPE being welcomed florally by the Principal Dr. Dilip Kumar K and the second speaker Mr. Yogesh Kumar Choubey, Senior Specialist Engineer, HPE being welcomed by the CEO Dr. KVA Balaji. The HoD of the AIML department Dr. Vaneeta later felicitated the speakers.



Fig1 Welcome address

The session started with the latest AI research trends and its reachability to the society. The speaker elaborated the origin of AI and its usage in day today life like social media, voice assistants like Siri, Alexa, Cortana, Google maps, Uber and Banking needs.

The session continued with sample of AI use-cases used across all industries like in agriculture for crop monitoring, automated irrigation and harvesting. The other sector where AI has been used are manufacturing, retail, health care, banking, consumers and media and entertainment.



**Fig 2 Basic Artificial Intelligence Use-cases**

The speaker continued with the elaborate explanation on how AI, ML and DL are connected by explaining the need for big data, what is machine learning, essence of ML and life cycle of ML. The speaker later clarified that machine learning that is not deep learning requires feature engineering with examples.

The last session was dedicated to the deep learning and neural networks. The speaker explained in detail how a neural network works by taking an example of identifying an end object. The speaker gave a brief glimpse on AI and storage requirements to deliver data access at the required speed, scale the amount of transformation on the data to improve speed, scale the data storage in a footprint that is easy and cost effective to manage. The session included a brief introduction on swarm learning and why it most popular.

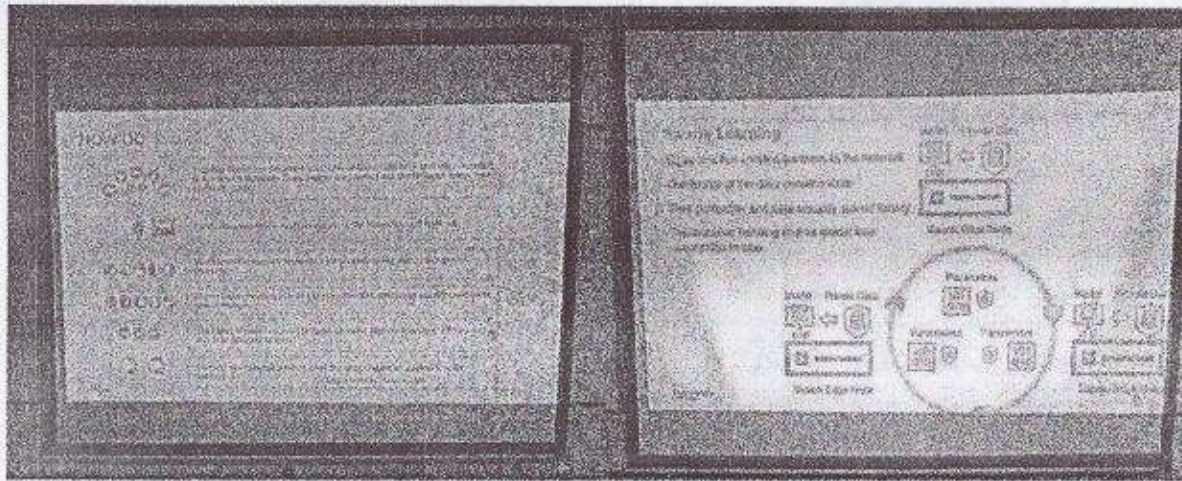


Fig3 Machine Learning and Neural Networks

Finally the session concluded with how AI has influenced the various industries and sectors like health care, retail, electric utilities etc and how open AI like ChatGPT and DALL.E.2 has evolved and ready to take over the market.

EO#	EVENT OUTCOMES
EO1	Identify the AI techniques and industry use-cases.
EO2	Understand the working of neural network and its uses.
EO3	Utilize the knowledge gained to implement AI algorithms and techniques to develop projects.

EO-PO Mapping

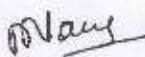
EO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
EO1	2	2	2	-	-	2	2	-	2	-	-	2	1	1
EO2	2	2	2	-	-	2	2	-	2	-	-	2	1	1
EO3	2	2	2	-	-	2	2	-	2	-	-	2	1	1
	2	2	2	-	-	2	2	-	2	-	-	2	1	1

3	Substantial (High) Correlation
2	Moderate (Medium) Correlation
1	Slight (Low) Correlation
-	No correlation.

PO's Attained: PO1, PO2, PO3, PO6, PO7, PO9, PO12

PSO's Attained: PSO1, PSO2

  
Event Coordinator

  
HoD

  
Principal





## K S INSTITUTE OF TECHNOLOGY

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

REPORT OF TECHNICAL TALK

"DATA SCIENCE AND ITS APPLICATIONS IN FINANCIAL SECTOR"

<b>Semester:</b>	VII
<b>Event Type:</b>	Technical talk
<b>Event Name:</b>	Data Science and its applications in Financial sector
<b>Date/Duration:</b>	19-10-2023
<b>Associated Professional Bodies:</b>	Aenfinity Club
<b>No. of students:</b>	42
<b>Speaker details:</b>	Prof. Arunkumar Kannur Chief Strategy Officer, Innovation, Startups and Centre of Excellence, CMR University, Bangalore
<b>Online link/Offline:</b>	Offline

### Event Objectives:

- To provide students an insight into fundamentals of Data Science in finance
- To encourage students with an opportunity to build a career in Data science pertaining to financial sector

### Event description with pictures:

The event began with the speaker Prof. Arunkumar Kannur, Chief Strategy Officer, Innovation, Startups and Centre of Excellence, CMR University being welcomed by HoD of Artificial Intelligence and Machine Learning, Dr. Vijayalaxmi Mekali.

The speaker Prof. Arunkumar Kannur, started the session by asking a critical thinking question on "What is Data Science?" where participants were encouraged to come up with their own understanding. The speaker later elaborated on the rise in demand for financial data scientists in the upcoming years. A case study on Fintech tool was explored to understand different operations to be performed to understand financial datasets.



Figure 1: Welcome address

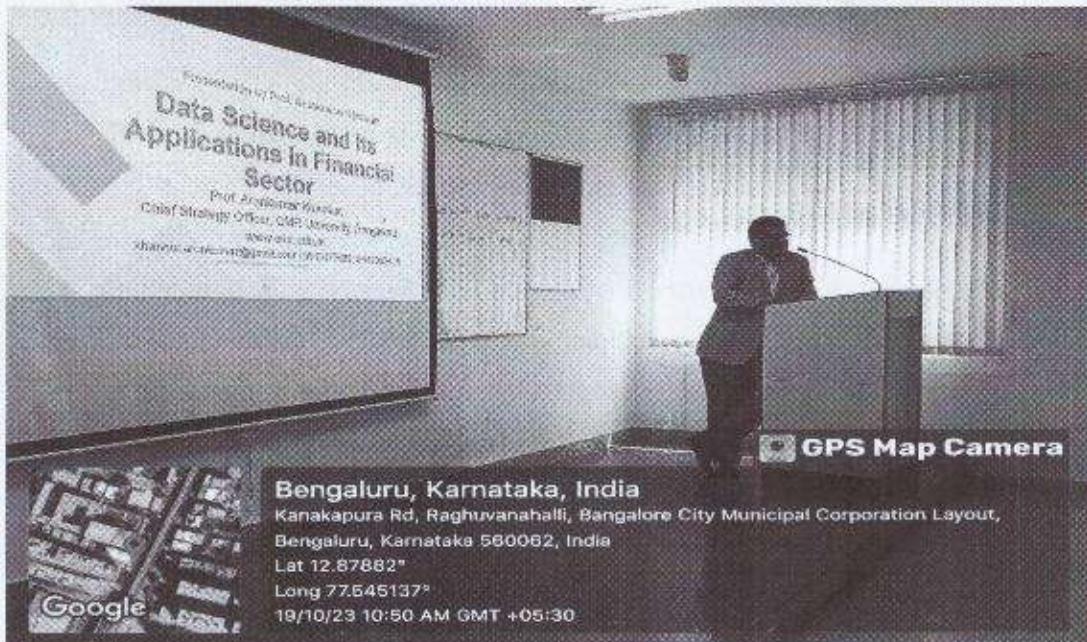


Figure 2: The speaker addressing the students

The last part of the session involved in understanding the skillsets required to become a successful data scientist in financial domain. The speaker also highlighted on how the current market has immense demand for data scientists and machine learning engineers. The speaker concluded the session by giving a glimpse of how current technologies like Artificial intelligence, Machine learning, Block chain technology and IoT domains will become a part of financial sector, healthcare and agricultural sector in the upcoming years. The students were encouraged to build and expertise their careers in one of these domains.



**Figure 3: The speaker addressing the doubts of students**



**Figure 4: The students participating in the technical talk**

The technical talk "Data Science and Its Applications in Financial Sector" was a brainstorming session where students gained knowledge on data science fundamentals and Fintech technology and were encouraged to build their careers in these fields by adding a touch of innovation and novelty which could impact the society in a positive approach.

EO#	EVENT OUTCOMES
EO1	Understanding the fundamentals of data science concepts
EO2	Understanding the working of Fintech technology in managing financial datasets
EO3	Utilizing the concepts of data science in building a career and research activities

#### EO-PO Mapping


EO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
EO1	2	2	2	-	-	2	2	-	2	-	-	2	1	1
EO2	2	2	2	-	-	2	2	-	2	-	-	2	1	1
EO3	2	2	2	-	-	2	2	-	2	-	-	2	1	1


3	Substantial (High) Correlation
2	Moderate (Medium) Correlation
1	Slight (Low) Correlation
-	No Correlation

PO's attained: PO1, PO2, PO3, PO6, PO7, PO9, PO12

PSO's attained: PSO1, PSO2

  
Event Coordinator

  
HoD 30/10/2023

  
Principal  
PRINCIPAL  
K.S. INSTITUTE OF TECHNOLOGY  
BENGALURU - 560 109.


**K S Institute of Technology**  
**Department of Artificial Intelligence and Machine Learning**  
**TECHNICAL TALK ON "DATA SCIENCE AND ITS APPLICATIONS IN FINANCIAL SECTOR".**

19/10/2023

Sl. No.	USN	Student Name	Signature
1	IKS20A1001	AHISHIK A	
2	IKS20A1002	AMITH MAIYA G	<i>Amith Maiya G</i>
3	IKS20A1003	ANANYA P	<i>Ananya P</i>
4	IKS20A1004	ANUSHA PHANIRAJ	
5	IKS20A1005	BHAVANASHREE K S	<i>Bhavanashree K S</i>
6	IKS20A1006	C.M.RITHIKA	
7	IKS20A1007	CHANDAN V K	<i>Chandan V K</i>
8	IKS20A1008	CHETAN MUDIGODRA	
9	IKS20A1009	DHANUSH P	
10	IKS20A1010	DHARMAVARAPU LAKSHMI AARADHYA	<i>Dharma Varapu Lakshmi Aaradhya</i>
11	IKS20A1011	DISHA GUPTA	<i>Disha Gupta</i>
12	IKS20A1012	GURUDEEP R	<i>Gurudeep R</i>
13	IKS20A1014	KANDRA AKASH	<i>Kandra Akash</i>
14	IKS20A1015	KARTIK BHATT	<i>Kartik Bhatt</i>
15	IKS20A1016	LASYA BABU K M	<i>Lasya Babu K M</i>
16	IKS20A1017	LIKHITH V	<i>Likhith V</i>
17	IKS20A1018	LITHEESH V R	<i>Litheesh V R</i>
18	IKS20A1019	LOKESH N	
19	IKS20A1020	M DIVYA SHREE	
20	IKS20A1021	M V VARUN	<i>M V Varun</i>
21	IKS20A1022	MADHU S SALIMATH	<i>Madhu S Salimath</i>
22	IKS20A1023	MEDI VINAY	<i>Medi Vinay</i>
23	IKS20A1025	MONISH M	<i>Monish M</i>
24	IKS20A1026	NETHRANAND P S	<i>Nethranand P S</i>
25	IKS20A1027	NIRIKSHA D	<i>Niriksha D</i>
26	IKS20A1028	NISHITHA S	
27	IKS20A1030	PAVAN KALYAN N	
28	IKS20A1031	POORNIMA M C	
29	IKS20A1032	PRIYANKA A H	
30	IKS20A1033	RAKSHITA PANDURANG KULKARNI	<i>Rakshita Pandurang Kulkarni</i>
31	IKS20A1034	RUPA RAJASRI PUTHINEEDI	<i>Rupa Rajasri Puthineedi</i>
32	IKS20A1035	SAGAR P	

33	1KS20A1036	SAHITHI BHASHYAM	Sahithi
34	1KS20A1037	SHRUTHI K	Shruthi K
35	1KS20A1038	SINDHUJA CHINDIRALA	Sindhuja C
36	1KS20A1039	SNEHA G PALANKER	
37	1KS20A1041	TANMAYEE R	Tanmayee R
38	1KS20A1042	TEJASWINI L	
39	1KS20A1043	V PREETHI	V.P. Preethi
40	1KS20A1044	VIPUL KANT TRIPATHI	
41	1KS20A1046	YASHILA R	Yashila R
42	1KS20A1047	YOGITHA S	Yogitha S

  
Coordinator

  
HOD - AI & ML 19/10/2023



**K.S. INSTITUTE OF TECHNOLOGY, BANGALORE – 560109**

**DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING**

### **Session on IoT Ideathon Workshop**

**Date of Conduction: 22<sup>nd</sup> November 2023**

**Venue: K.S Institute of Technology, Bengaluru**

**Session 1: 9:30 am to 12:30 pm**

**Session 2: 1:30 pm to 4:30 pm**

**Duration: 06 Hours**

**Sponsoring Bodies / Associating Organization: NIL**

**Name: Ms. Bhavani Sankari V**

**Designation: Trainer**

**Organization: Cranes Varsity**

**Profile:** Ms. Bhavani Sankari V a domain expert, corporate trainer in the field of Data Science and IoT having 5 years of Strong technical expertise in consulting and training. Expert in Data Science, Python, Machine Learning, Data Analysis and Visualization, Deep learning, and IoT. A Trainer has trained around 3500 Man hours of training experience and successfully trained around 1000 engineering graduates and working professionals in Linux and IoT. A Trainer is Proficient in working on Raspberry Pi, Arduino, Microcontrollers, IoT, Linux, and Device Drivers. A Trainer has conducted Successful Training on Basic and Advanced Level Python Programming, Python Unit Testing, IoT Edge Node & Gateway, Linux and device drivers etc



**Description of the Event:** The event began with the Trainer Ms. Bhavani Sankari V being welcomed by HoD of Artificial Intelligence and Machine Learning, Dr. Vijayalaxmi Mekali.

**Session 1:** The Trainer Ms. Bhavani Sankari V, started the session with the basic fundamental concepts of IoT, Importance of IoT where participants were encouraged to come up with their own understanding. The Trainer discussed about the Technologies that makes IoT Possible. The Trainer later on gave an insight on examples of real time applications on IoT.

The Trainer gave description on the risks and the challenges involved in IoT and the future of IoT. The students were given an information on the types of the sensors used for developing an IoT Project. The Session on IoT Ideathon workshop was a brainstorming session where students gained knowledge on IoT fundamentals, gave an idea for solving problems in IoT and to build projects on IoT and the students were encouraged to build their careers in these fields by adding a touch of innovation and novelty which could impact the society in a positive approach. Students were asked to find the ideas on project and to present it in the session 2.

**Session 2:** Students have formed a group of around 4 to 5 and came with the idea of IoT Project and gave presentation on the same. The list of the project is as follows.

Sl. No	IoT Projects Idea
1	Home Automation
2	Health Monitoring System
3	Gas Leak Detection
4	Visitors Counter
5	Home Security System
6	Smoke Detection
7	Smart Parking Automation
8	Smart Door Lock System
9	Wifi Rover
10	Smart Waste Management
11	Motion Detector
12	Automation for Smart Accessibility
13	Security Breach Alert System
14	Smart Irrigation System

**Objectives / Key Highlights:**

- To provide students an insight into solving problems on IoT.
- To encourage students to come up with the ideas for the given problem integrating IoT and AI.



Participant details - No. of Participants: 67

Students (internal/external): Internal

Photos (Geo Tagged) :



Figure 1: A Session on IoT



Figure 2: A Session on Ideathon Workshop

**Event Outcomes :**

EO#	EVENT OUTCOMES
EO1	Understanding the fundamentals of IoT Concepts and its components such as sensors, actuators, connectivity and data processing.
E02	Understanding the applications of IoT in various domains like healthcare, agriculture, Industrial automation.
E03	Develop skills to design and implement a basic IoT Project considering factors like cost, scalability and utility.

**EO/PO&PSO mapping**

EO/PO/PSO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO 1	PSO 2
EO1	2	2	2	-	-	2	2	-	2	-	-	2	1	1
EO2	2	2	2	-	-	2	2	-	2	-	-	2	1	1
EO3	2	2	2	-	-	2	2	-	2	-	-	2	1	1

3	Substantial (High) Correlation
2	Moderate (Medium) Correlation
1	Slight (Low) Correlation
-	No Correlation

**PO's attained: PO1, PO2, PO3, PO6, PO7, PO9, PO12**

**PSO's attained: PSO1, PSO2**



**Internship Coordinator**



**HOD**

**Head of the Department  
Artificial Intelligence & Machine Learning  
K.S. Institute of Technology  
Bengaluru - 560 109**



**Principal**

**PRINCIPAL  
K.S. INSTITUTE OF TECHNOLOGY  
BENGALURU - 560 109.**



**K.S. INSTITUTE OF TECHNOLOGY, BANGALORE – 560109**  
DEPARTMENT OF COMPUTER AND COMMUNICATION ENGINEERING



**Report on Workshop**

**“VERILOG HDL”**

**Date of Conduction:** 18<sup>th</sup> and 19<sup>th</sup> January 2024

**Venue:** KSIT Online lab, 4thFloor

**Time:**10:00AM –4:00 PM

**Duration:** 14 Hours.

**Expert Details – with photo**

**Name:** Padmanaban K.

**Designation:** Software Enabling & Optimization Engineer,

**Organization:** Intel Technologies India PVT. LTD.,

**Place:** Bangalore



**Brief Profile about the Expert:**

Padmanaban has been working as the Software Enabling and Optimization Engineer in the Customer Experience Group at Intel PSG for the past 3 years. He is the academic ambassador for the Intel India FPGA University Program. Padmanaban has a postgraduate degree in Applied Electronics from Anna University, Chennai, and a Bachelor in EEE from GCT, Coimbatore. He has 16+ years of experience in digital design for both FPGA and ASIC. Prior to joining Intel, he worked as a Chief Faculty in Sandeepani School of VLSI design (Training division of CoreEL Technologies, Bangalore) for 8 years and as an Assistant Professor and Project Coordinator at Ramaiah University of Applied Sciences (RUAS) Bangalore for 5 years

Sl. NO	Contents
1	Aim of the workshop
2	Abstract of the workshop
3	Introduction to basics of Digital System
4	Design in details Description Design of Describe System Hardware Description Languages Logic Simulations Things which can & can't be translated. The Role of HDL Design Methodologies & Types of HDL Verilog HDL vs. VHDL
5	Verilog HDL & its history Verilog Data Types in Details Operators, Procedural Constructs, Event-Control & Loop Statements
6	Verilog Module Description & Test Benches Verilog Modelling in Details
7	Main points to remember & some tips for Verilog HDL Coding
8	Conclusion Question & Answer (QNA) Session Practical example on computer
9	Experience from the workshop session.

**Objectives / Key Highlights:** To make the students

- To understand about the Verilog HDL.
- To Analyze, Synthesize, and Simulate Lab Programs.
- To execute the Lab programs using ModelSim software.

**Participant details -** No. of Participants: 50  
Students (internal): 45  
Faculty: 5

## 1. Aim of the workshop

- 1). To make the students to understand about the Verilog Hardware Description Language (which is included as a part of Digital Design and Computer Organization (1BCS302) in the III semester).
- 2). To provide an interactive session with the industry people.
- 3). To create an aware of the importance of co-curricular activities in engineering domain

## 2. Abstract of the workshop session

Initially session dealt with the basic concepts of digital system design. Then the concepts of Verilog HDL were related with C Programming & complete details on Verilog HDL with examples were discussed.

## 3. Introduction to Basics of Digital System

The construction of different systems, the designs which are nothing but the specification of requirement, difference between small devices (like flip-flops) & large circuit (like microprocessors).

The hardware description languages are used to design the large & advanced circuit such as micro-controllers & microprocessors etc. The usage of the variable, constants & logics etc. in Verilog HDL are similar to C Language.

## 4. Design in Details

Design is the specification of requirement as discussed earlier. Design can be of different levels such as:

1. SwitchLevel
2. Register Transfer Level
3. Instruction Set Architecture Level etc.

For the design to check whether it is working or not A. Simulation & B. Synthesis is done.

### Description:

If the simulation is successful then the design is working & then it can be synthesized where the netlist is created. This netlist gives out the list of the components to be used.

### Design of Describe System:

The very 1<sup>st</sup> step after the description of system is how to design the describe system. It includes:

- Design Specification
- Design Simulation
- Design Synthesis

### Hardware Description Language:

A **hardware description language (HDL)** is a specialized computer language used to describe the structure and behavior of electronic circuits, and most commonly, digital logic circuits.

A hardware description language looks like a programming language such as C; it is a textual description consisting of expressions, statements and control structures. One important difference between most programming languages and HDLs is that HDLs explicitly include the notion of time.

The functional working of HDL is parallel way.

### The Role of HDL :

The language helps to describe any digital circuit in the form of structural, behavioral and gate level and it is found to be an excellent programming language for FPGAs and CPLDs.

Thus it has following roles:

- Behavioral
- Structural
- Physical

### Design Methodologies & Types of HDL:

There are two types of design methods:

Top Down

Down Top

These are mainly based on Hierarchical Rank.

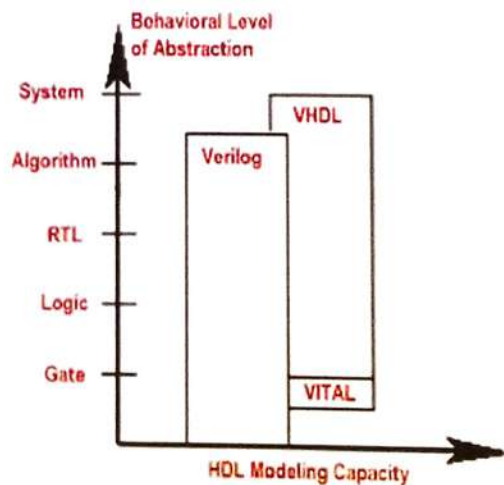
Here are mainly two types of Hardware Description Languages which are standardized by IEEE, those are as follows:

- VHDL/VHSIC HDL (Very High Speed Integrated Circuits Hardware Description Language), is discovered by US Department of Defense
- Verilog HDL, discovered by Open Verilog International.

### Verilog HDL vs. VHDL:

Why to learn Verilog HDL instead of VHDL?

- Verilog HDL gives better low end than VHDL
- It is more modelling language.



VHDL has separate input & output blocks whereas in Verilog HDL has both input & output in the same block.

## **5. Verilog HDL and Its History**

**History:** Verilog HDL was invented by Phil Moor by and Prabhu Goel around 1984. It served as a proprietary hardware modeling language owned by Gateway Design Automation Inc. At that time, the language was not standardized. It modified itself in almost all the revisions that came out between 1984 to 1990.

## VERILOG VERSUS VHDL

VERILOG	VHDL
An HDL used to model electronic systems	An HDL used in electronic design automation to describe digital and mixed-signal systems such as field programmable gate arrays and integrated circuits
Based on C language	Based on Ada and Pascal languages
Case sensitive	Not case sensitive
A newer language than VHDL	Older than Verilog
Less complex	More complex
	Visit <a href="http://www.PEDIAA.com">www.PEDIAA.com</a>

Fig.: Difference between VHDL and Verilog

### 6. Verilog Module

**Definition:** Verilog, standardized as **IEEE 1364**, is a hardware description language (HDL) used to model electronic systems.

**Use:** It is most commonly used in the design and verification of digital circuits at the register-transfer level of abstraction. It is also used in the verification of analog circuits and mixed-signal circuits, as well as in the design of genetic circuits.

**Features:** It is case sensitive & parallel program compiling function.

#### Verilog Data Types in Details:

There are primarily two data types:

- Nets
- Registers (Integer, Real & Timer)

**Nets:** The internal connections of a block diagram except for input & output are called nets. Nets are represented as wires.

**Registers:** The function of registers is storing data & showing the result until next input is selected, such as integers, real & timer etc.

- **Integers:** Integers have a default width of 32 bits. These are declared by keyword 'integer'.
- **Real:** Real number, constants & variables are declared using keyword 'real'.

- **Time:** A special time register data type is used in Verilog to store simulation time.
- **Arrays:** These are allowed for reg, integer & time, not allowed for real variables.
- **Strings:** Can be stored in reg. Each character in string requires 8 bits of storage.

### Operators, Procedural Constructs & Loop Statements:

**Operators:** The operators are same as 'C' Programming operators as shown in figure below

1	() [] -> . :	Grouping, scope, array/member access
2	! ~ - + * & sizeof type cast ++x --x	(most) unary operations, sizeof and type casts
3	* / %	Multiplication, division, modulo
4	+ -	Addition and subtraction
5	<< >>	Bitwise shift left and right
6	< <= > >=	Comparisons: less-than, ...
7	== !=	Comparisons: equal and not equal
8	&	Bitwise AND
9	^	Bitwise exclusive OR
10		Bitwise inclusive (normal) OR
11	&&	Logical AND
12		Logical OR
13	?:	Conditional expression (ternary operator)
14	= += -= *= /= %= &=  = ^= <<= >>=	Assignment operators
15	,	Comma operator

#### • **Procedural Constructs:**

- Initial Statement (Evaluate only once)
- Always Statement (Evaluate in a loop manner)

#### • **Loop Statement:**

- Repeat
- While
- For

### Description & Test Benches:

A module represents a design unit that implements specific behavioural characteristics and will get converted into a digital circuit during synthesis.

Any combination of inputs can be given to the module, and it will provide a corresponding output. It allows the same **module** to be reused to form more significant modules that implement more complex hardware.



## Hardware Schematic

Instead of building up smaller blocks to form bigger design blocks, the reverse process can also be done.

Consider the breakdown of a simple GPU engine into smaller components such that each can be represented as a module that implements a specific feature.

```
module <name> ([port_list]);  
    // Contents of the module  
endmodule  
  
// A module can have an empty portlist  
module name;  
    // Contents of the module  
endmodule
```

ii. **Test Benches:** Implements single model for many input without writing manually.

### Verilog Modelling in Details:

There are mainly three types of modelling in Verilog HDL as follows:

- Gate level modelling (Logic Gates)
- Data Flow modelling (Assign Boolean expressions)
- Behavioral modelling (Result)

## Development Process

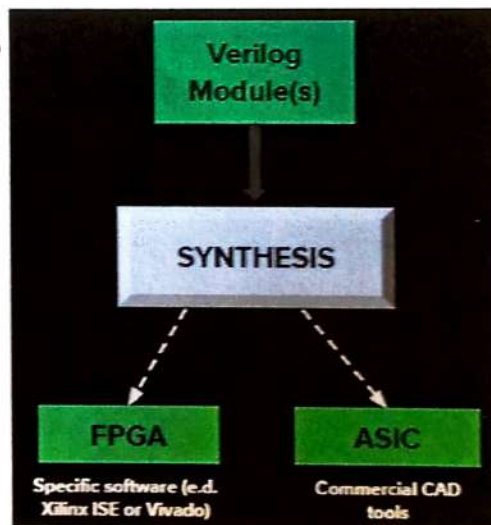
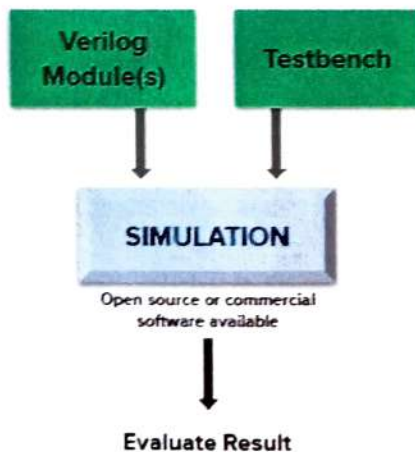


Fig: Development and Synthesis Process

## 7. Main points to remember & some tips for Verilog HDL Coding

### Main points to remember:

Verilog is concurrent.

Think while writing the program - plan for requirement.

Blocking & Unblocking Code.

Tips:Don'ts	Does
Don'tWrite'C'code Thinkhardware,notalgorithm Verilog is inherently parallel, Compilersdon'tmapalgorithmtocircuit.	Dodescribehardwarecircuits Firstdrawadataflowdiagram Then start coding

## 8. Conclusion:

The session was concluded with some questions and answers & practical coding example in computer. I asked different questions to Padmanaban K. sir about Verilog coding's and sir cleared all the doubt with satisfactory answers.

### Question & Answer (QNA) Session:

i). What is done for reducing very large circuit transistor?

Answer: The channel length is reduced.

ii). Question: Is the 'Always' statement has same worked as any other loop?

Answer: Yes, it is similar to 'for', 'while' & 'do while' loop. But the main thing to be kept in mind is conditions.

iii). Question: Which style of Verilog coding is being used the most?

Answer: There is nothing a particular style like structural, dataflow or behavioral style is used, for any specification the mixed of any of these three are used.

### Practical example on computer:

A half adder module coding was shown in three different coding styles practically and its output. The codes are as follows:

```

module Half_adder(a,b,sum,carry)

//DataFlowStyle
input a,b;
output sum, carry;

assign sum =a^b;
assign carry =a&b;

//StructuralStyle
xor(sum,a,b);
and(carry,a,b);

//Behavioral Style
if a='0';
b='0';
then sum=0;
carry=0;
else
sum=1;
carry=0;

```

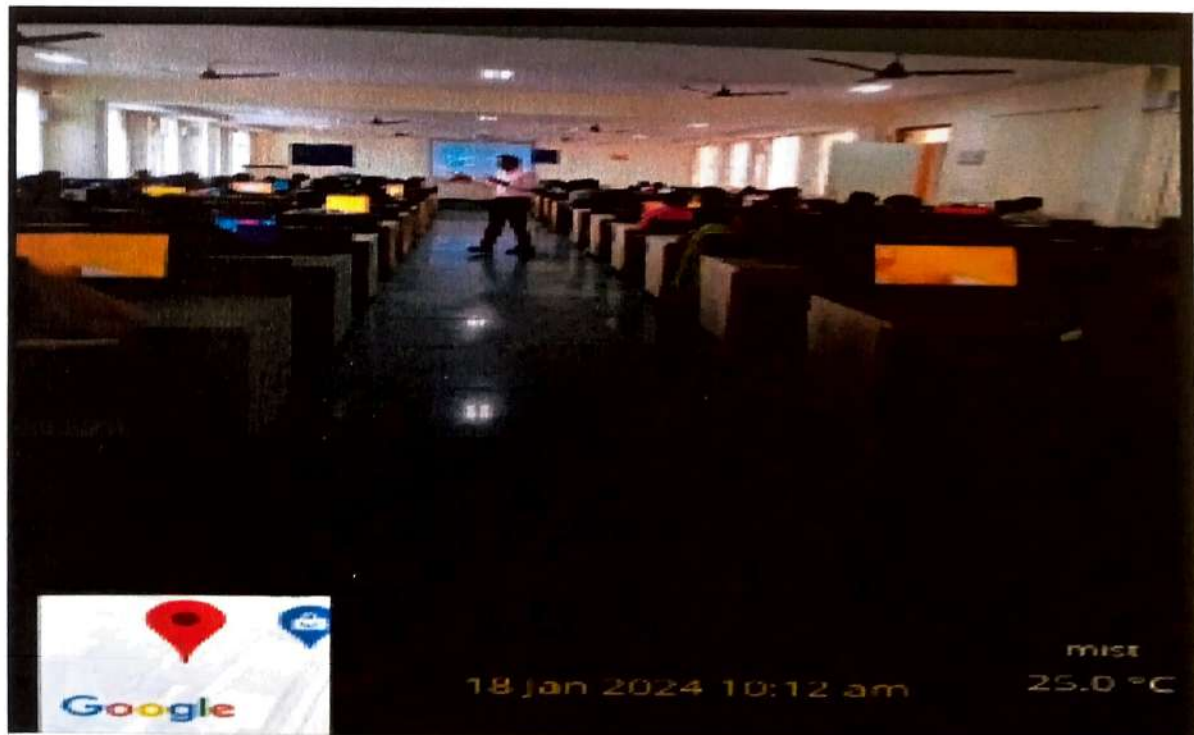
Input/Output:



Photos:



Final day photo with Principal, Padmanabhan K, HOD and students





Students Executing the Verilog code in the workshop



Students listening in the workshop



 **GPS Map Camera**

**Bengaluru, Karnataka, India**  
VGFH+H23, Ganigarapalya, Adaraha Layout, Talaghattapura, Bengaluru, Karnataka  
560109, India  
Lat 12.87376°  
Long 77.53233°  
19/01/24 01:38 PM GMT +05:30



Google

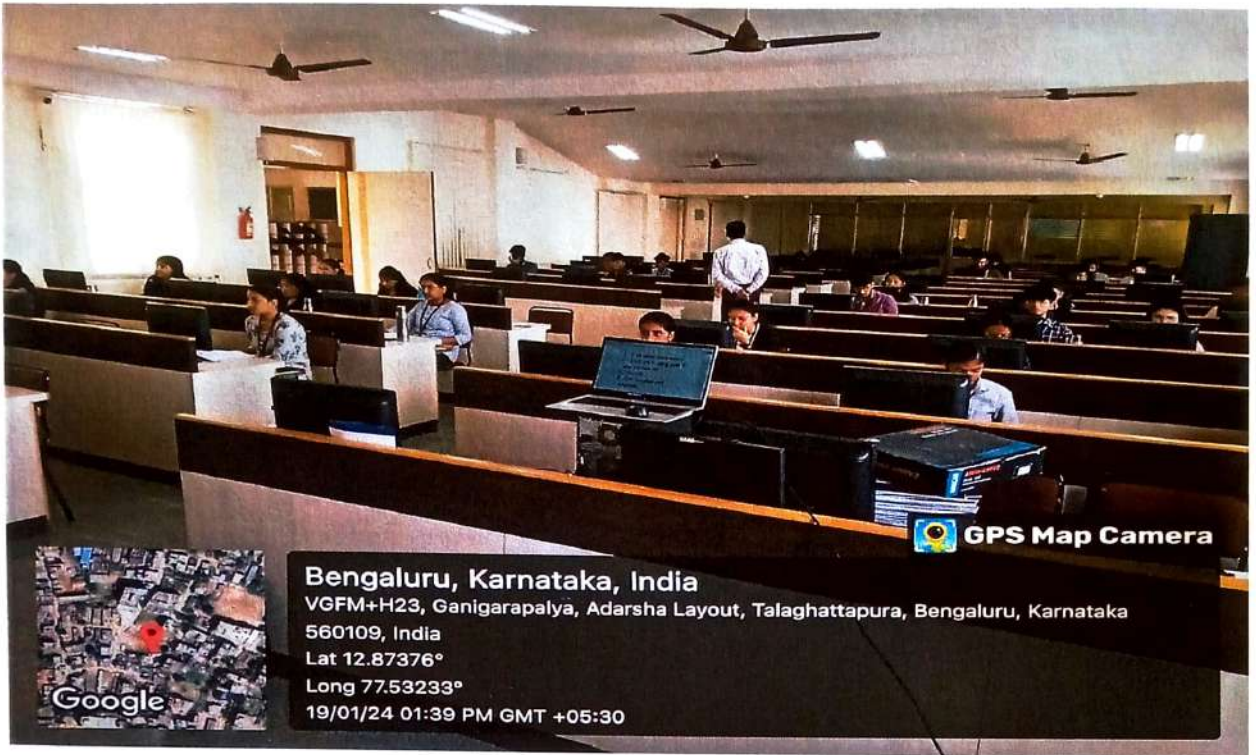


 **GPS Map Camera**

**Bengaluru, Karnataka, India**  
3rd Floor, Magnum Vista Kanakapura Road opp. KSIT, Raghuvanahalli, Bangalore City  
Municipal Corporation Layout, Bengaluru, Karnataka 560062, India  
Lat 12.879258°  
Long 77.545708°  
19/01/24 01:36 PM GMT +05:30



Google



 **GPS Map Camera**



**Bengaluru, Karnataka, India**

VGFM+H23, Ganigarapalya, Adarsha Layout, Talaghattapura, Bengaluru, Karnataka


560109, India

Lat 12.87376°

Long 77.53233°

19/01/24 01:39 PM GMT +05:30



 **GPS Map Camera**



**Doddamannugudde Forest, Karnataka, India**

P722+9FG, Doddamannugudde Forest, Karnataka 562159, India

Lat 12.700902°

Long 77.251507°

19/01/24 03:05 PM GMT +05:30

### 9. Experience from the Work shop.

It was an informative, interesting and a successful workshop session. As a student of Computer & Communication Engineering, we understood the importance of Verilog HDL within Two days. I Express my thanks to Mr.Padmanaban K.who spent his valuable time for us. We also thank you to our respected Principal sir,HOD madam and our Managementfor arranging such an informative program. Finally, I would like to thank full to my colleagues and our students to make this work shop very successful.

#### Outcomes / Benefits:

- Studentsunderstoodaboutthe Verilog-HDL.
- Studentsgainedtheknowledgeonthe Verilog-HDL coding and Simulation.

#### Attachments:

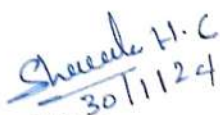
1. CommunicationwithResourceperson
2. ResourcepersonProfile
3. EvaluationandFeedback

#### CO/PO&PSOmapping-CCE

CO/PO & PSO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
Event (Workshop)	-	-	3	-	3	2	-	-	2	3	-	3	2	2

**PSO1:** To understand and apply the concepts to design and develop solutions in computer and communication Engineering.

**PSO2:** To use the inculcated experiential learning for research and develop inventivesolutions for societal benefit while ensuring security with moral values and ethics.

  
30/11/24  
**Shashikala H.C.**  
Event Coordinator

  
30/11/24  
**Dr. Chanda V. Reddy**  
Head-CCE

  
**Dr. Dilip Kumar K.**  
Principal, KSIT



# K.S.INSTITUTE OF TECHNOLOGY, BANGALORE – 560109

DEPARTMENT OF  
COMPUTER & COMMUNICATION ENGINEERING



## REPORT Technical Talk on

### “ON Beyond Wires And Waves -Internet Communication & Networking Protocols Demystified “

**Date of conduction: 11 January 2024**

**Venue: KSIT Conference hall, Ground Floor**

**Time: 10:30AM - 12:30 PM**

**Duration: 2 Hours**

**Sponsoring Bodies/ Associating Organization: NA**

**Expert details — with photo**

**Name:** Mr.Akhil Mohan

**Designation:** Solution Architect

**IT Organisation :** Akamai Technologies



**Brief Profile about the Expert:**

**Mr.Akhil Mohan**, is a Telecommunications Engineer (2013 batch), graduated from KSIT, Bangalore. Akhil is currently working as **Solution Architect** at Akamai Technologies, a leading CDN company. He is an **AWS Certified Solutions Architect Professional**, **Google Certified Professional Cloud Architect**, and **Cisco Certified Network Associate (CCNA)**.

Being an active individual who has a craving for innovation, he has participated and won multiple national level and state level awards during his engineering days. He was awarded the first place in state level for his innovative idea on a device which can write on air. Teaching is his passion and Physics and Cloud Computing is his subject of interest. He has taught JEE-Physics for 11th and



12th standard students at Christ PU college and MCC PU college in Bangalore. He follows Indian economy, and Finance.

### **Description of the Event:**

The internet is not really radio waves, even though it can be carried that way. If you happen to have internet through a microwave service, then that is in fact the way you receive it. The way most people get internet is through cable. Cable does have a single wire running down the middle of it that carries the radio signal that encodes the bits that comprise what we know of as the Internet. You know it comes in as a radio wave because you need a modem to see it. A modem is a radio device that modulates and demodulates the radio waves that carries the TCP/IP signal that our computer interprets for us as the Internet. The fact that a lot of information can be carried on that small wire is just a fact of physics. The higher the frequency radio wave you use, the more information you can cram into it. Light waves are much higher frequency than radio waves, and once we all get fiber to our homes we will be amazed at how fast it is. Those optical fibers are hair-thin, but again, it's just a matter of wavelength that gives it that power to carry information.

A network protocol is a set of established rules that specify how to format, send and receive data so that computer network endpoints, including computers, servers, routers and virtual machines, can communicate despite differences in their underlying infrastructures, designs or standards.

### **Objectives / key highlights:**

- Understanding about the **Wires and Waves – Internet Communication**
- Building the knowledge about **Networking Protocols Demystified**

### **Participant details:**

- No. of participants in total: 53
- Students of CCE Dept.-53
- Faculty: Prof.Nagajyothi, (CCE)
- Faculty: Prof.Shashikala.H.(CCE)

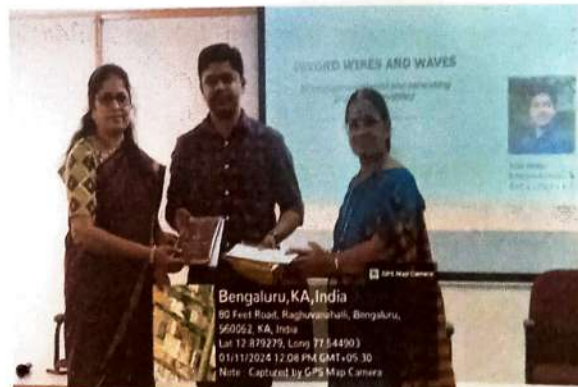
**Photos:**



Addressing the gathering by Principal



Talk on beyond wires and waves Internet Communication



Presenting memento to the guest



Students listening to technical talk

### Outcomes/Benefits:

- Students understood about the Wires and Waves- Internet Communication.
- Students gained the knowledge on the networking protocols.

### Attachments:

1. Communication with Resource person
2. Resource person Profile
3. Evaluation and Feedback

### CO/PO&PSO mapping -CCE

CO/PO& PSO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
Event (Technical Talk)	-	-	-	-	-	02	-	-	-	02	-	02	02	-

**PSO1:** To understand and apply the concepts to design and develop solutions in computer and communication Engineering.

**PSO2:** To use the inculcated experiential learning for research and develop inventive solutions for societal benefit while ensuring security with moral values and ethics.



**T. Naga Jyothi**  
Event Coordinator



**Dr. Chanda V. Reddy**  
Head - CCE

*Head of the Department  
Dept. of Computers and Communication Engg.  
K. S. Institute of Technology  
Bengaluru - 560 109.*



**Dr. Dilip Kumar K**  
Principal, KSIT

*PRINCIPAL  
K.S. INSTITUTE OF TECHNOLOGY  
BENGALURU - 560 109.*



# **K. S. INSTITUTE OF TECHNOLOGY**

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION  
ENGINEERING**

**Report of Workshop on  
Hacking Hardware: Arduino IDE**

**Organised by  
Garut Aerobatics Club  
in association with  
SB IEEE KSIT**

**On 21<sup>st</sup> & 22<sup>nd</sup> July 2023**



# WORKSHOP ON HACKING HARDWARE: ARDUINO IDE

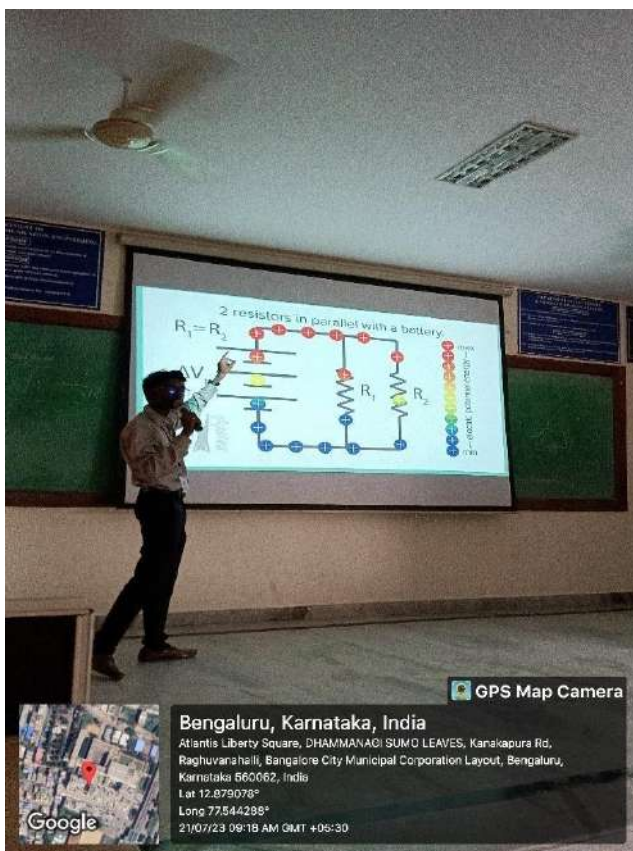
A workshop was conducted by the department of Electronics and Communication Engineering in association with Garut Aerobatics club and SB IEEE KSIT organized a workshop on Hacking Hardware: Arduino IDE on 21<sup>st</sup> and 22<sup>nd</sup> of July 2023. The workshop was conducted in K S Institute of Technology. We a team of 8 Members took this initiative to engage 1<sup>st</sup> year students of KSIT. Approximately 40 Students attended the workshop which was followed by the introduction of our team and E&CE department.



There were 5 different sessions in the workshop

- Basics to Electronics
- Introduction to Arduino IDE C-programming
- Interfacing input and output components
- Mini Project making
- Felicitation

1. Basics of Electronics: It was handled by Gurushankara M. A presentation was prepared on the following topics - Introduction to electronics , definitions of series connection , parallel connection , current , voltage , loops , circuits and their examples.



2. Introduction to Arduino IDE c-programming: Was handled Gurushankara M and Amshumanth. A presentation was given about structure of c-program and its basic information and the participants were engaged by some basic. This concluded our First day of the workshop



3. Interfacing input and output components: It was handled by Gurushankara M and Amshumanth. A presentation was made to convey the information about the following components Light emitting diode (LED), Light dependent resistor (LDR), Potentiometer, Temperature and Infra-Red sensors and Buzzer. With the help of Intel Galileo board and c-programming, participants were engaged into building circuits and powering them with their programming skills



4. Mini Projects making: This session consisted of the overall knowledge taught to the participants from the advisors. Participants were asked to apply these skills

which was taught and come up with their own ideas and present it in form of mini project which was later evaluated by the faculties from the department of E&CE. The best two working models were awarded by our Principal Dr. Dilip Kumar K and HOD of E&CE department Dr. P N Sudha.



5. Felicitation: The projects of all the participants were evaluated by the judges, who then announced the winners- Adithya S and Archana S K of ECE 2<sup>nd</sup> semester. Both the winners were rewarded with certification and gift from our Principal & Director DR. Dilip Kumar K and HOD of Dept of Electronics and



communication engineering Dr. P N Sudha and Garut Club Co Ordinator Mr. Christo Jain



### Teammembers

1. Gurushankara M - President
2. Sanjay P - Secretary
3. Anagha Prakash - Treasurer
4. Amshumanth - Advisor
5. Kumar - Advisor

- 6. Aniruddha R Bhat- Volunteer
- 7. Meghana N - Volunteer
- 8. Karan S - Volunteer



*Gurushankara*  
**Gurushankara M**  
 President of Garut

*Sanjay P*  
**Secretary Sanjay P**  
 Secretary of Garut

*Anagha Prakash*  
**Anagha Prakash**  
 Treasure of Garut

*Vedashree M*  
**Vedashree M**  
 Chair of Garut

*D N Mithun*  
**D N Mithun**  
 Vice-Chair of Garut

*Mr. Christo Jain*  
**Mr. Christo Jain**  
 Co Ordinator Garut

*Mr. Santhosh Kumar B R*  
**Mr. Santhosh Kumar B R**  
 KSIT IEEE Branch Chair

*DR. P N Sudha*  
**DR. P N Sudha**  
 HOD of Dept of ECE



8

**K.S. INSTITUTE OF TECHNOLOGY, BANGALORE – 560109**  
**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**



**TALK**  
on  
**“Innovation and Design Thinking”**

**Date of Conduction: 22/07/2023**

**Venue: DSP Lab, Old Building, KSIT**

**Time: 3pm-4pm**

**Duration: 1 Hour**

**Associating Organization: Research Forum of KSIT, IETE Students Forum and IE (I)**

**Expert Details**



**Name: Dr. Mahabaleshwara Bhat**

**Designation: KRP, KS Research & Innovation Foundation**

**Organization: K. S. Group of Institutions**

**Brief Profile about the Expert:**

Dr. Mahabaleshwara Ram Bhat completed BE (E&C) from Mysore university in 1982, M-Tech in Industrial Electronics from SJCE Mysore in 1986 and Ph.D. from IIT Bombay in 1995 in the area of Image Processing. He has 25+ years of extensive potential experience in both academic and industry. Published more than 34 papers in national and international journals. He holds 6 US patents, filed, and published 11 patents. In industry he has involved in product development, project management and R&D activity in the IT, Electronics and Embedded system products. He established as Subject Matter Expert in the Design & Development of Digital Signal & Digital Communication Engineering Applications. He has Extensive experience in Project Life Cycle, Product Life Cycle, Software Development Life Cycle as well as technical management of Research & Development. He has Proven competence in Management of multiple Clients for successful delivery of projects/products in a diverse range of



Photos (Geo Tagged):



Ms Sangeetha, Assistant Professor, Dept. of ECE, KSIT Welcoming the Gathering



Dr.Dinesh Kumar DS, Associate Professor, Dept. of ECE introducing the Guest Speaker



Dr. Bhatt delivering the talk.




Participants



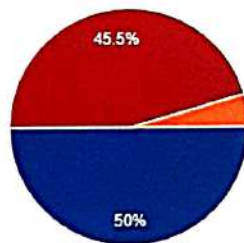
Participants Listening to talk

### Feedback Summary:

How relevant was the topic for your academic/research career?

 Copy

22 responses

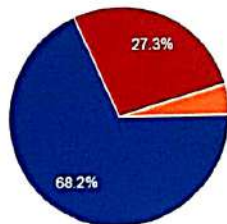


● Very Relevant  
● Relevant  
● Less Relevant  
● Not relevant

1. How is the event organized ?


 Copy

22 responses

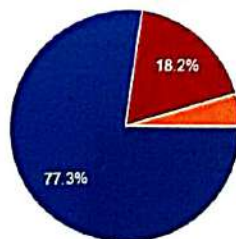


● Excellent  
● Very Good  
● Good

2. How are the communication skills of the resource person ?

 Copy

22 responses

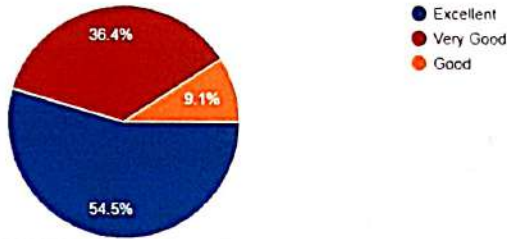


● Excellent  
● Very Good  
● Good


3. Is the information presented in an organized manner by the speaker ?

 Copy

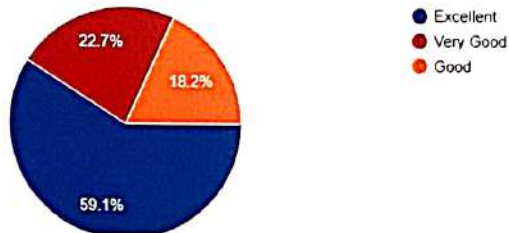
22 responses



4. How is the Interaction with resource person ?

 Copy

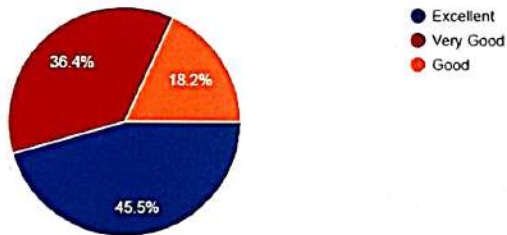
22 responses



5. How well you gained the knowledge about Innovation ?

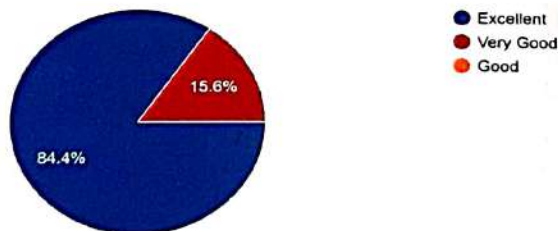
 Copy

22 responses



6. How well you gained the basic knowledge about challenges in publication?

45 responses



Coordinators

Dr.B.Surekha

Dinesh Kumar DS

Praveen A

  
HoD

P.N.Sudha

  
Principal





**K.S. INSTITUTE OF TECHNOLOGY, BANGALORE – 560109**  
**DEPARTMENT OF**  
**COMPUTER & COMMUNICATION ENGINEERING**



**REPORT**  
**Technical talk on**



**“EMBEDDED SYSTEM & IT'S ENGINEERING FUTURE “**

**Date of conduction: 5<sup>th</sup> July 2024**

**Venue: KSIT Seminar Hall**

**Time: 10:00AM – 12:30 PM**

**Sponsoring Bodies/ Associating Organization: NA**

**Expert details — with photo**

**Resource Person:**

**Name: Padmanaban K.**

**Designation: Software Enabling & Optimization  
Engineer,**

**Organization: Intel Technologies India PVT. LTD.**

**Place: Bangalore**



**Brief Profile about the Expert:**

Padmanaban has been working as the Software Enabling and Optimization Engineer in the Customer Experience Group at Intel PSG for the past 3 years. He is the academic ambassador for the Intel India FPGA University Program. Padmanaban has a postgraduate degree in Applied Electronics from Anna University, Chennai, and a Bachelor in EEE from GCT, Coimbatore. He has 16+ years of experience in digital design for both FPGA and ASIC. Prior to joining Intel, he worked as a Chief Faculty in Sandeepani School of VLSI design (Training division of CoreEL Technologies, Bangalore) for 8 years and as an Assistant Professor and Project Coordinator at Ramaiah University of Applied Sciences (RUAS) Bangalore for 5 years

## **Description of the Event:**

Embedded System is a microprocessor-based computer hardware system with software that is designed to perform a dedicated function, either as an independent system or as a part of a large system.

Description about the Altera Products and how to replace the external devices with Programmable Logic by reducing the cost, complexity and Power. System on Board (SoB) consists processor and FPGA Architecture components separately. This is time consuming and more complex so, we choose System on Chip (SoC). System on Chip(Soc) FPGA (Field Programmable Gate Arrays) devices are integrate with both processor and FPGA Architecture in to a single device results in increased system performance, reduced the power consumption, board size and system cost. Applications of an FPGA in an Embedded System are Custom embedded controller and Multiprocessor.

Industry broadest customizable Processor portfolio products are Discrete, Integrated Arm or IA and soft CPU. Hard Processor Systems consists of three architectures, they are- Architecture-1(consist of Dual Core), Architecture-2(consist of quad core) and Architecture-3(consist of two quad cores or four dual cores). Among these architectures, third architecture is given more preference as it is key component for artificial intelligence (AI) technology and also a key component for researchers and industrialists to increase the efficiency of the hardware system keeping this core a base for their research.

## **Objectives / key highlights:**

- Understand the Embedded Systems and SoCs
- Learn about the SoC Architecture for Embedded and AI Application
- Understand the Altera FPGA Portfolio products and their feature
- Unleashing Limitless AI Possibilities with FPGAs

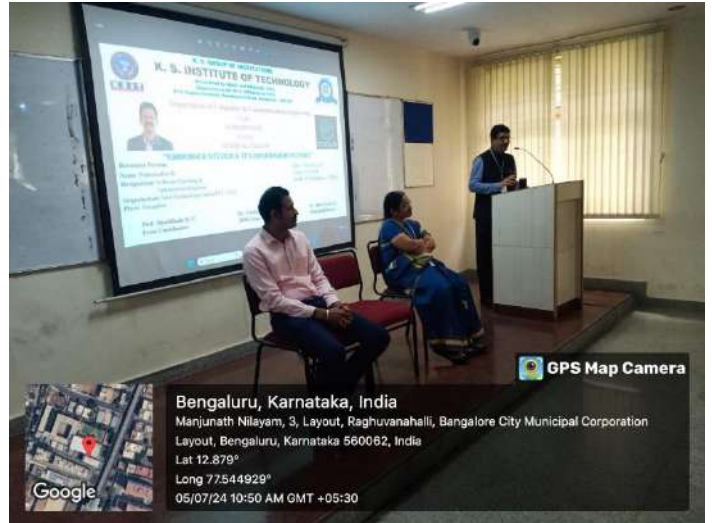
## **Participant details:**

- No. of participants in total: 53
- Students of CCE Dept.-53
- Faculty: Prof.Shashikala H. C. (CCE)
- Faculty: Prof.Nagajyothi, (CCE)
- Faculty: Prof. Rachana V. Murthy(IOT)

## Photos:



Guest welcoming by Principal



Addressing the gathering by Principal



Talk on Embedded System and its Engineering



Students listening to technical talk

### Outcomes/Benefits:

- Students understood about the Embedded System and its Engineering future.
- Students gained the knowledge on Embedded System.

### Attachments:

1. Communication with Resource person.
2. Resource person Profile.
3. Evaluation and Feedback

### CO/PO&PSO mapping -CCE

CO/PO& PSO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
PO&PSO	-	-	-	-	03	02	-	-	-	02	-	02	02	-
Event (Technical Talk)	-	-	-	-	03	02	-	-	-	02	-	02	02	-

**PSO1:** To understand and apply the concepts to design and develop solutions in computer and communication Engineering.

**PSO2:** To use the inculcated experiential learning for research and develop inventive solutions for societal benefit while ensuring security with moral values and ethics.

  
**Shashikala H.C.**  
Event Coordinator

  
**Dr. Chanda V Reddy**  
Head- CCE

  
**Dr. Dilip Kumar K**  
Principal, KSIT



# K S INSTITUTE OF TECHNOLOGY

## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

### A REPORT ON SKILL DEVELOPMENT TRAINING AND PROJECT EXHIBITION”

<b>Semester/ Section:</b>	5 <sup>th</sup> Semester / A & B
<b>Event Type:</b>	Technical Training & Project Exhibition
<b>Event Name:</b>	SKILL DEVELOPMENT TRAINING ON IOT EDGE & GATEWAY AND PROJECT EXHIBITION
<b>Date/Duration:</b>	26 <sup>th</sup> October 2023 to 20 <sup>th</sup> November 2023 / 25 days 1 <sup>st</sup> December 2023 / 1 Day
<b>Industry Collaboration for training</b>	Cranes Varsity Software
<b>No. of Students:</b>	128
<b>Online link/Offline:</b>	Offline

#### Event Objectives:

- An Introduction to components involved in Computation through IOT.
- Addressing and identifying various Projects using OOPs and IOT.
- Emphasizing on Practical / Physical models using IOT and implement.
- Addressing the social issues and the key points to evolve in the current Industry requirements.

#### Speaker Details:



**Ms. Bhavani Sankari**

**Domain Expert, Corporate Trainer for Data Science and IoT**

#### Expertise:

- 5+ years of Strong technical expertise in consulting and training.
- Expert in Data Science, Python, Machine Learning, Data Analysis and Visualization, Deep learning, and IoT
- 3500+ Man hours of training experience.
- Successfully trained 1000+ engineering graduates and working professionals

in Linux and IoT

- Proficient in working on RaspberryPi, Arduino, Microcontrollers, IoT, Linux, and Device Drivers.
- Successful Training Delivered on
- Basic and Advanced Level Python Programming
- Python Unit Testing
- IoT Edge Node & Gateway
- Linux and device drivers etc



**Kanchana H, M.Tech (Ph.D)**

**Domain Expert, Corporate Trainer for Embedded and VLSI Design**

#### Professional Summary:

- Overall, 6+ Years of experience in retail & corporate training.
- Proven expertise in delivering training to diversified audiences C, C++, Python, Embedded C , Verilog HDL and FPGA Design.
- Trained 5000+ audiences from diversified groups including freshers, working professionals and corporate clients.
- More than 12,000 man-hours of training on various technologies.

#### Technical Skills:

- Programming Languages: C, C++, Python, Embedded C, Verilog HDL
- FPGA: Spartan-2, Spartan-3, Spartan-6, Artix-7
- Embedded protocols: UART, SPI, I2C and others



#### **Mohsin Khan A, M.Tech (PhD)**

#### **Domain Expert, Corporate Trainer for Embedded and VLSI**

- Over 14 plus years of Training & IT experience
- C, C++, Python, Embedded C, ARM Microcontroller, RTOS, MATLAB & Simulink, CAPL Scripting CANoe, Verilog/VHDL, FPGA, System Verilog, UVM.

- Demonstrated expertise in Embedded System and Automotive

- VLSI design and verification

- Programming Languages: C, C++, Python, CAPL, Embedded C,

MATLAB, Verilog/VHDL, System Verilog

- 25,000+ Man hours training experience.
- Preferred trainer for EMBEDDED & VLSI.
- Trained over 2000+ engineers at Student Level and has trained over 200+ engineers at Corporate Level.
- Provided several workshops with hands-on lab sessions for various corporate training programs.

#### **Mr. Nishanth T**

#### **Domain Expert, Corporate Trainer**

#### **Areas of expertise**

- Delivered 5000+ Manhours Training
- Programming Languages: Python, Basic knowledge on c & shell scripting
- IDE: Arduino, Python DILE, spyder, Google colab and code block
- Linux OS: Ubuntu, centOS, Redhat and MacOS

#### **Technical Skills**

- Expert in Raspberry Pi Training.
- Experience in MariaDB
- Experience in C, Python, and Embedded Systems.
- IOT, Arduino Microcontroller, Embedded c & Robotics
- Red Hat Enterprise Linux, CentOS, and Ubuntu.
- Configuring the crontab to automate the tasks.
- Creating and maintaining YUM/APT/GIT repositories.
- Bash Scripting
- User administration and managing file permission and ACL.
- Setting up Web Servers (httpd).
- Experience in Configuring and Maintaining various Open-Source applications on Linux - NFS, Autofs, SCP, SFTP, httpd.





### **Reddyrani. N, (BTech)**

#### **Corporate Trainer for Embedded and Automotive**

##### **Professional Summary:**

- Overall, 3+ Years of experience in retail & corporate training.
- Proven expertise in delivering training to diversified audiences C, Python, Embedded C , IOT, ARM.
- Trained 500+ audiences from diversified groups including freshers, working professionals and corporate clients.
- More than 5000 man-hours of training on various technologies.

##### **Technical Skills:**

- Programming Languages: C, Python, Embedded C
- Embedded protocols: UART, SPI, I2C and others



### **Mr. Shaik Imam**

#### **Domain Expert, Corporate Trainer**

##### **Areas of expertise**

- Over 15 years of Training & IT experience
- Microprocessors, Microcontrollers, ARM, Embedded C, VLSI and IOT

##### **Technical Skills**

- Programming Languages: C, C++, ASM, Embedded C for ARM, Verilog, VHDL, System Verilog.
- Embedded System Development using high end Microcontrollers STM32.
- VLSI design and verification using Verilog/System Verilog
- Python Programming for IOT applications
- Programming in C following MISRA-C guidelines
- Programming in C++ 11/14
- 25,000+ Man hours training experience.
- Preferred trainer for Embedded and VLSI
- Trained over 2500+ engineers at Student Level and has trained over 300+ engineers at Corporate Level.
- Conducted several workshops with hands-on lab sessions for various corporate training programs.

### **Mr. T S Tejas**

#### **Domain Expert, Corporate Trainer**

##### **Professional Summary:**

- Overall, 4 Years of experience in retail & corporate training at cranes varsity.
- Proven expertise in delivering training to diversified audiences on C.
- Trained 1000+ audiences from diversified groups including students and corporate from junior engineers to project leads.
- Handled internships at various colleges for the engineering students
- Handled corporate trainings for companies like UST GLOBAL,PCC

##### **CONTROLS**

- Trusted Trainer for C Programming trainer for fresh graduates and working professionals
- Cohesive team worker, having strong analytical, problem-solving and interpersonal skills.

##### **Technical Skills:**

- Programming Languages / OS: C, Linux System Programming, and Data structures



**Ms. Zaiba Afreen**  
**Domain Expert, Corporate Trainer**  
**Areas of expertise**

- Trainer with Over 4+ Years of experience retail & corporate training at cranes varsity.
- Proven expertise in delivering training to diversified audiences on HTML, CSS, JAVASCRIPT Programming, ANGULAR JS AND MONOGO DB
- Trained 1000+ audiences from diversified groups including students and graduates and corporates
- Trusted Trainer for Web Technology, Angular Js and Mongo DB
- Cohesive team worker, having strong analytical, problem-solving and interpersonal skills.

**Technical Skills**

- Programming Languages : HTML, CSS, JAVASCRIPT, ANGULAR JS AND MONGODB
- Tools used : ANGULAR CLI TOOL
- Operating system worked on : Windows 7/8/10/11 ,Linux.
- Database : MONGO DB

V SEM A SECTION PROJECT BATCH LIST				
<u>SL.NO</u>	Batches	USN	NAME OF THE STUDENT	PROJECT TITLE
1	Batch - 1	1KS21CS033	HARSHITHA K M	Smart Traffic control system
2		1KS21CS055	MADHU SNEHA SHREE S	
3		1KS22CS414	SOUNDARYA K S	
4		1KS21CS016	ASHA H P	
5		1KS21CS014	ARCHANA P	
<u>SL.NO</u>	Batches	USN	NAME OF THE STUDENT	PROJECT TITLE
1	Batch - 2	1KS21CS017	ASHWINI	Smart Garage Door
2		1KS22CS401	ARBEENA FARHEEN	
3		1KS21CS035	HARSHITHA R	
4		1KS21CS048	KAVANA N	
5		1KS21CS052	KUNAPALLI LAASYASREE	
<u>SL.NO</u>	Batches	USN	NAME OF THE STUDENT	PROJECT TITLE
1	Batch - 3	1KS21CS011	AKSHAY VIVEKANANDA B	"PET FEEDER"
2		1KS21CS027	DHRUTHI UMESH S	
3		1KS21CS029	GAANA S	
4		1KS21CS034	HARSHITHA P	
5		1KS21CS120	NIDHI R	



<u>SL.NO</u>	Batches	USN	NAME OF THE STUDENT	PROJECT TITLE
1	Batch - 4	1KS21CS006	ADITHI R	CROP MONITORING AND MANAGEMENT
2		1KS21CS007	ADITHI S REDDY	
3		1KS21CS021	CHAITRA M	
4		1KS21CS026	DEEPTHI A B	
5		1KS21CS042	JAHNAVI P	
<u>SL.NO</u>	Batches	USN	NAME OF THE STUDENT	PROJECT TITLE
1	Batch - 5	1KS21CS050	KEERTHIKA S	CHARGE CONTROLLER
2		1KS21CS005	ABHIRAM YADATORE SHANTARAM	
3		1KS21CS054	M VAIBHAV NAYAK	
4		1KS21CS053	LLAVANYA	
5		1KS21CS119	ARJUN BHARADWAJ	
<u>SL.NO</u>	Batches	USN	NAME OF THE STUDENT	PROJECT TITLE
1	Batch - 6	1KS21CS009	AFIFAH AYESHA BIJLI	SMART DETECTIONS
2		1KS21CS012	ANANYA PRASAD S	
3		1KS21CS020	BHAVANA B	
4		1KS21CS049	KAVYA B SINGH	
5		1KS21CS040	IBBANI V GOWDA	
<u>SL.NO</u>	Batches	USN	NAME OF THE STUDENT	PROJECT TITLE
1	Batch - 7	1KS21CS024	CHETHAN H	"SMART BUILDING "
2		1KS21CS051	KONGARA SREE SAI	
3		1KS21CS056	MANIKANTH	
4		1KS21CS057	MANJUNATH	
5		1KS21CS047	KAUSHIK G V	

<u>SL.NO</u>	Batches	USN	NAME OF THE STUDENT	PROJECT TITLE
1	Batch - 8	1KS21CS039	HRITHIKA V	Smart Parking System Using IOT
2		1KS21CS025	DARSHAN S	
3		1KS21CS022	CHARISHMA A	
4		1KS22CS411	B NAVEEN KUMAR	
5		1KS21CS004	ABHIRAM K	
<u>SL.NO</u>	Batches	USN	NAME OF THE STUDENT	PROJECT TITLE
1	Batch - 9	1KS21CS023	CHARISHMA M	"HOME AUTOMATION USING WEB PAGE"
2		1KS21CS036	HARSHITHA S	
3		1KS21CS037	HARSHITHA S	
4		1KS21CS001	A RAMYASREE	
5		1KS22CS404	DHANALAKSHMI P	
<u>SL.NO</u>	Batches	USN	NAME OF THE STUDENT	PROJECT TITLE
1	Batch - 10	1KS22CS403	ASHILESH VISHWAKARMA	WEATHER STATION
2		1KS22CS405	KIRAN B S	
3		1KS22CS408	LOGESHWARAN S	
4		1KS22CS413	SHIVA KUMAR R	
5		1KS21CS028	D L SHIVANG	
<u>SL.NO</u>	Batches	USN	NAME OF THE STUDENT	PROJECT TITLE
1	Batch - 11	1KS21CS003	ABHILASHA V	Smart Car Parking System
2		1KS21CS038	HEMANTH KUMAR V	
3		1KS21CS031	GOPALA KRISHNA V	
4		1KS21CS032	GURUPRASAD Y S	
5		1KS21CS015	ARTHAN M GOWDA	
<u>SL.NO</u>	Batches	USN	NAME OF THE STUDENT	PROJECT TITLE
1	Batch - 12	1KS21CS030	GAGAN SHIVANNA	Automation in Shipment Industry
2		1KS21CS008	ADITYA V	
3		1KS21CS046	KARTHIK H N	
4		1KS21CS043	JASHWANTH P C	
5		1KS21CS018	B G PRAJWAL	

<u>SL.NO</u>	Batches	USN	NAME OF THE STUDENT	PROJECT TITLE
1	Batch - 13	1KS21CS010	AISHWARYA G	Automated Toll System
2		1KS21CS041	IMAN GHORAI	
3		1KS21CS045	KANISHK E R	
4		1KS21CS059	MAUSAM KUMAR	
5		1KS21CS060	MAYA	

**V SEM B SECTION PROJECT BATCH LIST**

<u>SL.NO</u>	Batches	USN	NAME OF THE STUDENT	PROJECT TITLE
1	Batch - 1	1KS21CS063	NAGADARSHAN R P	Home security system
2		1KS21CS105	SWARUP R KOWSHIK	
3		1KS21CS112	VARUN SAI V	
4		1KS21CS113	VIBHA GOVIN S	
5		1KS21CS114	VIJETHA S	

<u>SL.NO</u>	Batches	USN	NAME OF THE STUDENT	PROJECT TITLE
1	Batch - 2	1KS21CS080	RAVEESH PRASAD M	Smart Bin
2		1KS21CS082	REDDY TEJASWINI A	
3		1KS21CS089	SHEETAL NAIK	
4		1KS21CS107	UJWAL M L	
5		1KS22CS409	MANOHARI S	

<u>SL.NO</u>	Batches	USN	NAME OF THE STUDENT	PROJECT TITLE
1	Batch - 3	1KS21CS075	R AISHWARYA	Smart Density Based Traffic Light Control System
2		1KS21CS100	SUMEDHA R	
3		1KS21CS106	TEJASHREE GOWDA Y K	
4		1KS21CS110	VANISHREE	
5		1KS21CS111	VARSHA H R	

<u>SL.NO</u>	Batches	USN	NAME OF THE STUDENT	PROJECT TITLE
1	Batch - 4	1KS21CS083	RUSHIKESH B	Application of Smart Automation in Kitchen
2		1KS21CS098	SRINIDHI MADHUSUDHAN	
3		1KS21CS099	SUMAN B S	
4		1KS21CS101	SUMUKHA S BHARADWAJ	
5		1KS21CS117	YASHAS D GOWDA	

<u>SL.NO</u>	Batches	USN	NAME OF THE STUDENT	PROJECT TITLE
1	Batch - 5	1KS21CS061	MONIKA D	lot based wifi weather station
2		1KS21CS064	NAGASHREE A	
3		1KS21CS070	POOJA G	
4		1KS21CS071	POOJITHA M V	
5		1KS21CS088	SHAMITHA RAVISHANKAR	

<u>SL.NO</u>	Batches	USN	NAME OF THE STUDENT	PROJECT TITLE
1	Batch - 6	1KS21CS090	SHEETHAL G	Plant Irrigation
2		1KS21CS094	SINDHU MEGHA	
3		1KS21CS095	SKANDA KUMAR H S	
4		1KS21CS097	SOUJANYA N	
5		1KS22CS402	ARUNA G N	

<u>SL.NO</u>	Batches	USN	NAME OF THE STUDENT	PROJECT TITLE
1	Batch - 7	1KS21CS072	POOJITHA R	water monitoring system
2		1KS21CS078	RAKSHITHA D H	
3		1KS21CS084	RUTHU M R	
4		1KS21CS096	SNEHA S	
5		1KS21CS104	SUSHMITHA M	

<u>SL.NO</u>	Batches	USN	NAME OF THE STUDENT	PROJECT TITLE
1	Batch - 8	1KS21CS077	RAKSHITA G SATARADDI	Smart Medical Assistance System
2		1KS21CS091	SHEETHAL R	
3		1KS21CS108	V M TEJUS	
4		1KS21CS109	VAISHALI BHOSLE	
5		1KS22CS416	VEDASHREE S	
<u>SL.NO</u>	Batches	USN	NAME OF THE STUDENT	PROJECT TITLE
1	Batch - 9	1KS21CS062	N VIDYASAGAR	Smart Toll Gate System
2		1KS21CS067	NIKHIL SAI K V	
3		1KS21CS076	R HARSHA	
4		1KS21CS085	SAGAR S N	
5		1KS21CS093	SHREYAS C	
<u>SL.NO</u>	Batches	USN	NAME OF THE STUDENT	PROJECT TITLE
1	Batch - 10	1KS22CS406	LAKSHMEESH M V	Automatic Speed Breaker
2		1KS22CS410	MOHAMMED FAISAL	
3		1KS22CS412	SAINATH A	
4		1KS22CS415	SPANDANA M	
5		1KS22CS407	LAYA R	
<u>SL.NO</u>	Batches	USN	NAME OF THE STUDENT	PROJECT TITLE
1	Batch - 11	1KS21CS079	RASHMI B PHULARI	smart Garage System
2		1KS21CS087	SANTHOSH K A	
3		1KS21CS102	SUNIDHI P	
4		1KS21CS115	VILAS V	
5		1KS21CS116	VISHAL KAMAN	

<u>SL.NO</u>	Batches	USN	NAME OF THE STUDENT	PROJECT TITLE
1	Batch - 12	1KS21CS068	NOOR ZAHIDA	Smart Sprout
2		1KS21CS074	PRIYANKA V	
3		1KS21CS066	NETYAM SHIVSARAN	
4		1KS21CS065	NAREN RAKSHITH K V	
5		1KS21CS069	OMKAR ARJUN MAGADUM	
<u>SL.NO</u>	Batches	USN	NAME OF THE STUDENT	PROJECT TITLE
1	Batch - 13	1KS21CS103	SURESH C	Toll gate
2		1KS21CS081	RAVITEJ ARJUN KAKHANDAKI	
3		1KS21CS086	SAMRAT SINGH	
4		1KS21CS092	SHOEB AHMED QUADRI	
5		1KS22CS400	ABHISHEK S	

## Event description with pictures:

During the enriching internship at KSIT by Cranes Varsity, spanning from 26<sup>th</sup> October 2023 to 20<sup>th</sup> November 2023, students delved into a myriad of new concepts in Python and the Internet of Things (IoT). Over the course of this one-month program, their focus in Python covered a diverse range of topics, including linear search, binary search, pattern programs, object-oriented programming (OOP) concepts, nested classes, method utilization, and object creation.

Additionally in Python, students explored functions, lists, tuples, data types, decorators, dictionaries, and operator overloading. The comprehensive curriculum was reinforced by both pre-assessment and post-assessment tests, showcasing significant progress in knowledge development and problem-solving skills in Python. The internship wasn't limited to Python alone; there was a significant emphasis on IOT. Dedicated classes were conducted where each student team received an IOT devices kit.

In IOT kit each instructors elucidated the importance of each component, clarifying doubts and covering a spectrum of IOT concepts. Notable areas of focus included rotating servo motor applications, gas sensor-based smoke detection, water pumping using relays, LED illumination with ESP32, text display on LCD, soil moisture sensor for moisture content detection, applications of the RFID module and so on

To enhance practical understanding, an exhibition was organized, allowing students to showcase their IOT projects. Each team received a comprehensive IOT kit consisting of around 26 devices, and they were given 16 days of training with an additional 7-day period to develop their own IOT projects. The results were remarkable, with diverse projects ranging from Home Automation to Smart Agricultural Irrigation covering all the social sectors.

The post-assessment tests, featuring both theoretical and skill-based questions, reflected the students' thorough understanding of the topics covered, inspiring the faculty to delve deeper into teaching advanced skills. Though challenging yet rewarding nature of the internship empowered students to think creatively and implement their newfound knowledge. This hands-on experience not only enhanced their technological prowess but also instilled a greater sense of confidence.

The positive overall experience highlights the potential for these acquired skills to be instrumental in shaping the students' future careers in the field of technology. From the excitement on day one to the culmination in the exhibition, the journey was a testament to the valuable learning experiences gained during this internship.



GPS Map Camera

**Bengaluru, Karnataka, India**

Atlantis Liberty Square, DHAMMANAGI SUMO LEAVES, Kanakapura Rd, Raghuvanahalli, Bangalore City Municipal Corporation Layout, Bengaluru, Karnataka 560062, India  
Lat 12.878996°  
Long 77.544922°  
01/12/23 11:06 AM GMT +05:30



GPS Map Camera

**Bengaluru, Karnataka, India**

Atlantis Liberty Square, DHAMMANAGI SUMO LEAVES, Kanakapura Rd, Raghuvanahalli, Bangalore City Municipal Corporation Layout, Bengaluru, Karnataka 560062, India  
Lat 12.878996°  
Long 77.544922°  
01/12/23 11:06 AM GMT +05:30



GPS Map Camera

**Bengaluru, Karnataka, India**

Atlantis Liberty Square, DHAMMANAGI SUMO LEAVES, Kanakapura Rd, Raghuvanahalli, Bangalore City Municipal Corporation Layout, Bengaluru, Karnataka 560062, India  
Lat 12.878996°  
Long 77.544922°  
01/12/23 11:24 AM GMT +05:30



GPS Map Camera

**Bengaluru, Karnataka, India**

Atlantis Liberty Square, DHAMMANAGI SUMO LEAVES, Kanakapura Rd, Raghuvanahalli, Bangalore City Municipal Corporation Layout, Bengaluru, Karnataka 560062, India  
Lat 12.878996°  
Long 77.544922°  
01/12/23 10:51 AM GMT +05:30



GPS Map Camera

**Bengaluru, Karnataka, India**

Atlantis Liberty Square, DHAMMANAGI SUMO LEAVES, Kanakapura Rd, Raghuvanahalli, Bangalore City Municipal Corporation Layout, Bengaluru, Karnataka 560062, India  
Lat 12.878996°  
Long 77.544922°  
01/12/23 11:06 AM GMT +05:30



GPS Map Camera

**Bengaluru, Karnataka, India**

Atlantis Liberty Square, DHAMMANAGI SUMO LEAVES, Kanakapura Rd, Raghuvanahalli, Bangalore City Municipal Corporation Layout, Bengaluru, Karnataka 560062, India  
Lat 12.878996°  
Long 77.544922°  
01/12/23 10:51 AM GMT +05:30



GPS Map Camera

**Bengaluru, Karnataka, India**

Atlantis Liberty Square, DHAMMANAGI SUMO LEAVES, Kanakapura Rd, Raghuvanahalli, Bangalore City Municipal Corporation Layout, Bengaluru, Karnataka 560062, India  
Lat 12.878996°  
Long 77.544922°  
01/12/23 11:10 AM GMT +05:30



GPS Map Camera

**Bengaluru, Karnataka, India**

Atlantis Liberty Square, DHAMMANAGI SUMO LEAVES, Kanakapura Rd, Raghuvanahalli, Bangalore City Municipal Corporation Layout, Bengaluru, Karnataka 560062, India  
Lat 12.878996°  
Long 77.544922°  
01/12/23 11:10 AM GMT +05:30

**Figures: Project Exhibition Pictures**

EO#	EVENT OUTCOMES
EO1	Able to get components involved in Computation through IOT.
EO2	Able to identify various Projects using OOPs with Python and IOT.
EO3	Able to work on Practical / Physical models using IOT and implement.
EO4	Able to spotlighting the key points to evolve in the current industry requirements.

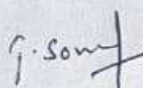
<b>PO1:</b> Science and engineering Knowledge <b>PO2:</b> Problem Analysis <b>PO3:</b> Design & Development <b>PO4:</b> Investigations of Complex Problems <b>PO5:</b> Modern Tool Usage <b>PO6:</b> Engineer & Society <b>PSO1:</b> Ability to understand, analyse problems, and implement solutions in Programming languages, as well to apply concepts in core areas of Computer science in association with professional bodies and clubs.	<b>PO7:</b> Environment and Sustainability <b>PO8:</b> Ethics <b>PO9:</b> Individual & Team Work <b>PO10:</b> Communication <b>PO11:</b> Project Management & Finance <b>PO12:</b> Lifelong Learning <b>PSO2:</b> Ability to use Computation Skills and apply software knowledge to develop effective solutions and data to address real world challenges.
--	--

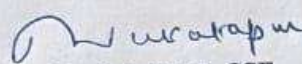
**EO-PO Mapping**

EO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
EO1	3	2	3	2	2	2	-	-	3	3	2	2	3	3
EO2	3	3	3	2	2	2	-	-	3	3	2	2	3	3
EO3	3	3	3	2	2	2	-	-	3	3	2	2	3	3
EO4	3	2	3	2	2	2	-	-	3	3	2	2	3	3

3	Substantial (High) Correlation
2	Moderate (Medium) Correlation
1	Slight (Low) Correlation
-	No correlation.

**PO's and PSO's Attained:** PO1, PO2, PO3, PO4, PO5, PO6, PO9, PO10, PO11, PO12, PSO1 & PSO2.

  
Event Coordinators

  
Prof. & Head, CSE  
Head of the Department  
Dept. of Computer Science & Engg  
K.S. Institute of Technology  
Bengaluru -560 109

  
Principal  
PRINCIPAL  
K.S. INSTITUTE OF TECHNOLOGY  
BENGALURU - 560 109.





K.S. INSTITUTE OF TECHNOLOGY, BANGALORE – 560109

**“Unlock your Global Potential -Study Abroad”**



**Date of Conduction: 16<sup>th</sup> November 2023**

**Venue: Mechanical Seminar Hall**

**Time: 2 PM to 3PM**

**Duration: 1 Hour**

**Sponsoring Bodies / Associating Organization: KSIT-ISTE, IEI,IEEE,IETE committee**

**Expert Details–Name: Mr.Kiran**

**Designation: Managing Director,Edumirchi**

Edumirchi Study Abroad is a leading education consultancy firm located in the vibrant city of Bangalore, India. With over 20 years of collective experience, we specialize in offering comprehensive and personalized services to aspiring students looking to pursue their higher education dreams abroad. Our mission is to guide and empower students on their academic journey, making their dreams of studying in prestigious institutions across the USA, UK, Canada, Australia, and France a reality.

**Description of the Event:**

A talk on “**Study Abroad**” was conducted on 16<sup>th</sup> November 2023 by KSIT-ISTE ,IETE,IEEE and IEI committee in association with Edumirchi at K S Institute of Technology, Bangalore. Mr.Kiran ,Managing Director of Edu Mirchi was invited as a resource person. Mrs. Sangeetha V, Assistant Professor, Department of Electronics and Communication Engineering given welcome address before the attendees.

The session was delivered by Mr.Kiran. He spoke about the various services offered by EduMirchi.Their services are 1. Student Profile Assessment: We understand that every student is unique. The dedicated team assesses each student's academic background, career aspirations, and personal preferences to tailor a personalized educational roadmap.

2. College and Course Suggesting: Leveraging their extensive knowledge and global network, he suggested colleges and courses that align with each student's goals, ensuring the best possible educational fit.

3. Countries of Expertise: Their specialized in guiding students to institutions in the USA, UK, Canada and France, providing in-depth insights into the educational landscapes of these countries.

4. Experienced Team: The team comprises seasoned professionals with a cumulative experience of 20 years in career counselling and university guidance. They have distinct teams dedicated to career counselling, university admissions, documentation, and visa guidance, ensuring a holistic and streamlined approach.

He also briefed about why to choose their company and explained the following services offered by their company: Personalized Approach, Global Network, Excellence, End-to-End Support, Education Loan Scholarships.

The event concluded with a vote of thanks .Students shared an overwhelming feedback and got an idea for the study abroad related queries. We would like to thank the Management, CEO and Principal for giving us the opportunity to address the students.

**Participant details** - No. of Participants: 90 students of Final year from various Departments.

**Photos:**





**Outcomes/ Benefits:**

- Students gained a knowledge on study Abroad related details.
- The understood the advantages of higher education and how to get through with Edu Mirchi.

**CO/PO&PSO mapping**

CO/PO&PSO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO 1	PSO 2
						1			2	2		2		

*V.S.P*  
Coordinator Sign

*P. Ho*  
HO

*Pr. Kumar*  
Principal  
PRINCIPAL  
K.S. INSTITUTE OF TECHNOLOGY  
BENGALURU - 560 109.



**K.S. INSTITUTE OF TECHNOLOGY, BANGALORE – 560109**

**DEPARTMENT OF ELECTRONIC AND COMMUNICATION ENGINEERING**



**Event Name: Tech Vistara**

**Date of Conduction: 18/01/2024 & 19/01/2024**

**Venue: ECE Seminar Hall, Seminar Hall Mech & Yoga Room**

**Time: 9.00 am to 12.30pm**

**Duration: 2 day working Hours (9 am to 4 pm)**

**Sponsoring Bodies / Associating Organization: KSIT-EC**

**Expert Details – with photo**

**Name: 1. Dr. Gopal Krishna**

**Designation: Professor**

**Organization: Jain (Deemed to be University)**

**Name: 2. Dr. Thenmozhi**

**Designation: Associate Professor**

**Organization: Dayananda Sagar University.**

**Name: 3. Sunil Kumar G R**

**Designation: Subject Matter Expert**

**Organization: Cloud That Technologies**

**Description of the Event:** The “Garut” is a Sanskrit word, which means wing of a bird. Aero-modeling is an amazing hobby. Aero-modeling involves knowing, building, and flying of the model aircraft (RC Plane, Quad-copter, Ornithopter, Glider etc.). Aero-modeling is an expensive hobby; however, Garut Aero-modeling club is trying to cultivate this hobby among students for a relatively lesser price. We are also aiming to take KSIT’s only aero-modeling club to participate at National and International level Aero-modeling competitions. These thoughts led to the establishment of the club. Ideations are intensive brainstorming events where individuals from different backgrounds, skills and interests converge to diagnose

predefined problems, identify the best opportunities and ideate the most viable solution. An ideation may require just ideas, a solution, a roadmap or an actionable plan.

**Objectives / Key Highlights:** To help the participants and audience students sharpen their minds and give them the opportunity to express themselves , learn entrepreneurship and develop their practical knowledge about idea pitching and startup .

To provide a platform for intellectual interactions and setting up fair competition among involved creative brains .

To promote and develop professionalism , team spirit , integrity and communication among different students of different colleges .

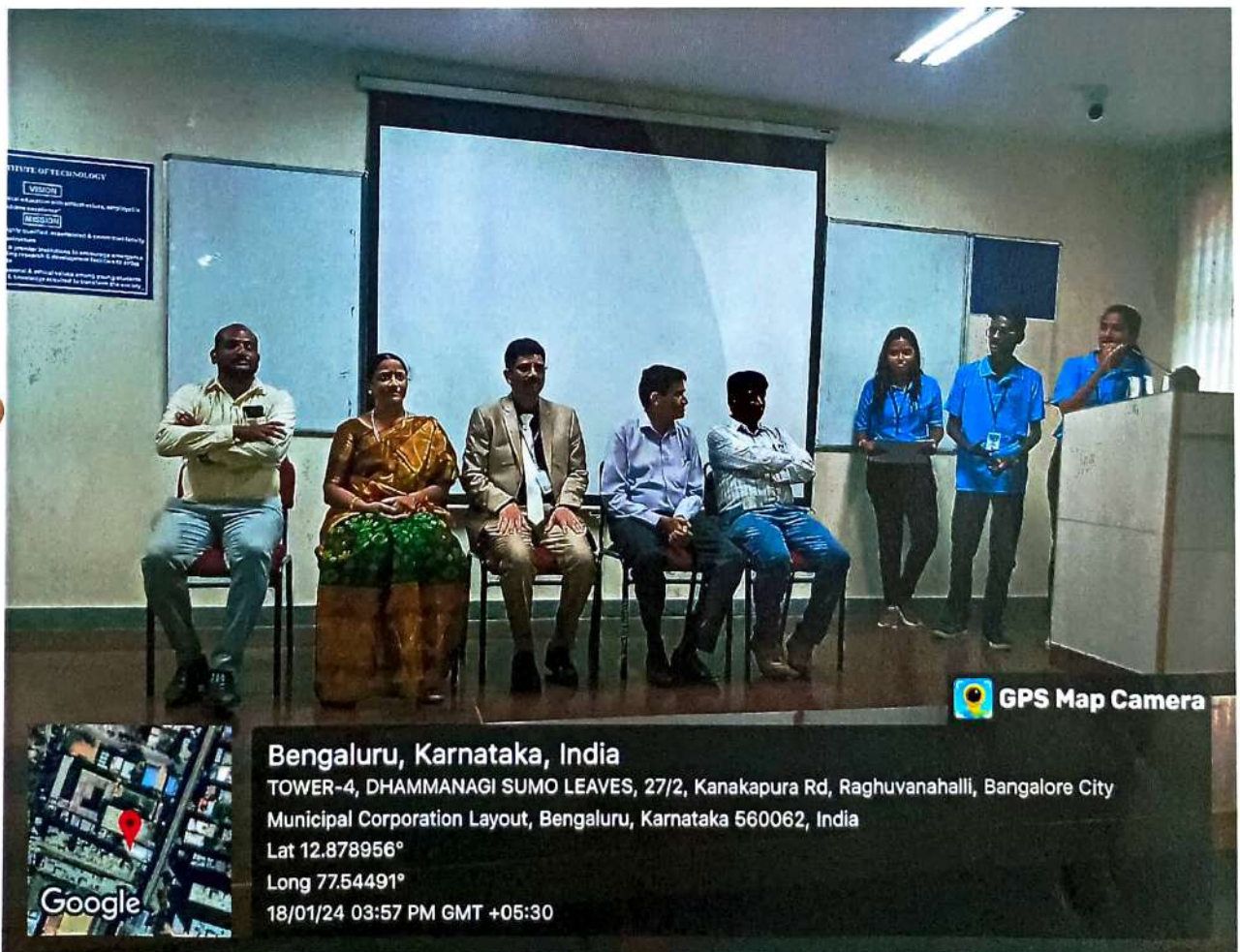
To familiarize students and participants about current – contemporary trends of IT entrepreneurship .

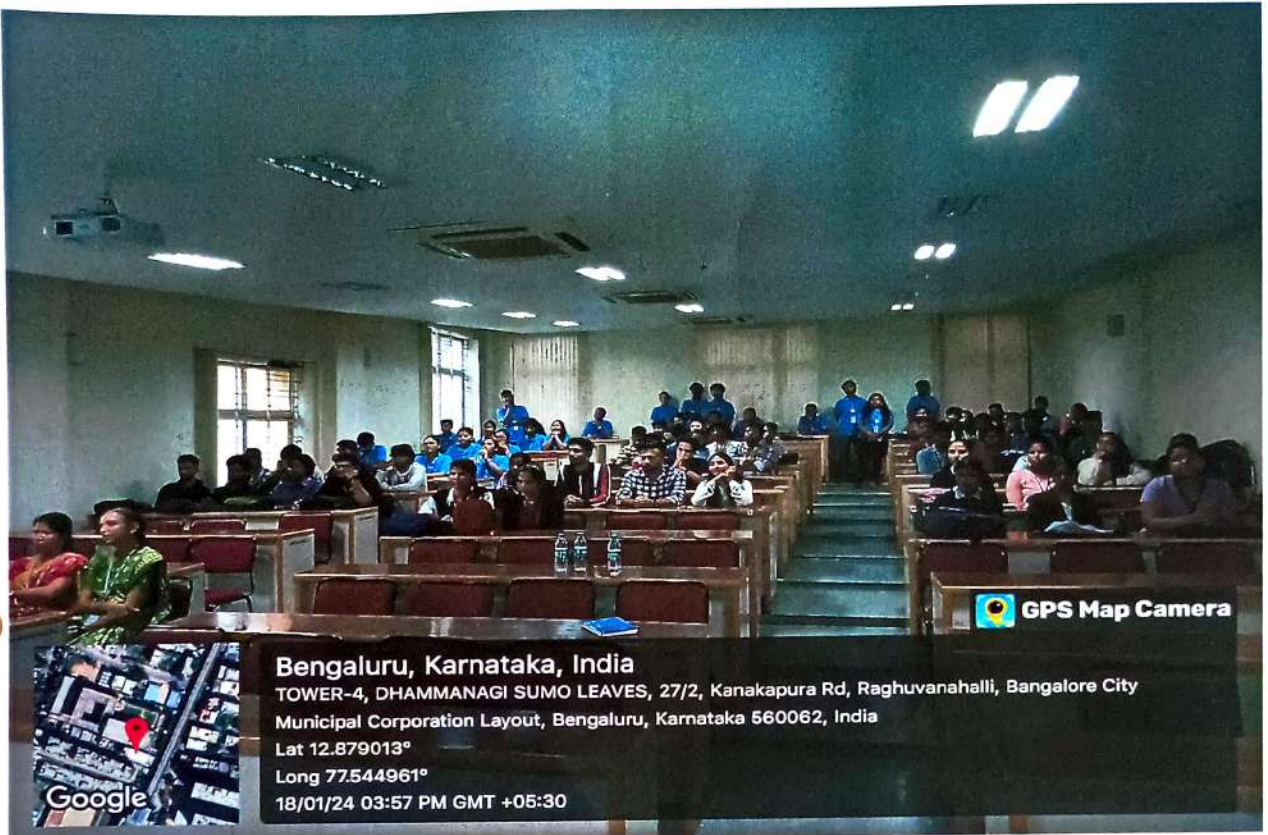
To provide our participants with grand exposure to the inspirational groups of active young entrepreneurs .

**Participant details - No. of Participants:130**

**Students (internal/external): Internal & External**

**Faculty: Dr. Dinesh Kumar**







GPS Map Camera



**Bengaluru, Karnataka, India**

3504, 80 Feet Rd, Raghuvanahalli, Bangalore City Municipal Corporation Layout, Bengaluru, Karnataka 560062, India

Lat 12.87897°

Long 77.544959°

19/01/24 11:33 AM GMT +05:30



GPS Map Camera



**Bengaluru, Karnataka, India**

3504, 80 Feet Rd, Raghuvanahalli, Bangalore City Municipal Corporation Layout, Bengaluru, Karnataka 560062, India

Lat 12.87897°

Long 77.544959°

19/01/24 11:15 AM GMT +05:30

**Outcomes / Benefits:** To enhance students' intellectual abilities as a future professional

**CO/PO&PSO mapping**

CO/PO&PSO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO 1	PSO 2
C01-C05	3	3	3	3	-	-	-	-	-	3	-	-	3	3
	3	3	3	3	-	-	-	-	-	3	-	-	3	3

**Coordinator Signature**

**HOD**

**HEAD OF THE DEPARTMENT**  
Dept. of Electronics & Communication Engg.  
K.S. Institute of Technology  
Bengaluru - 560 109.

**Principal**

**PRINCIPAL**  
**K.S. INSTITUTE OF TECHNOLOGY**  
BENGALURU - 560 109.





**K.S. INSTITUTE OF TECHNOLOGY, BANGALORE – 560109**

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**



## **“INNORAPS”**

**Date of Conduction: 2nd FEBRUARY 2024**

**Venue: KSIT CAMPUS**

**Time: 10:15 am-3:30 pm**

**Sponsoring Bodies / Associating Organization: KSIT IEEE SB**

**Description of the Event:** Technical event build with skills, platform to exchange ideas, fostering connections, advancements in challenges and navigating technical sharpness. Realm of robotics with convergence of engineering, strategic powers. Challenges on distinct levels. Showcasing creativity, technology to address sustainable ideas. Recycling innovation to upcycled tech worlds.

**Objectives / Key Highlights:** Cutting edge information and knowledge transferring in technologies and trends. Fostering every individual to gain practical skills. Interaction with the team and the surrounding. Participants to tackle real world challenges and showcase problem solving abilities and community building.

There were about 13 teams in ROBO MASTER which led to great success to bring up new challenges among themselves. Around 20 teams in TECH DYNAMICS each team have 3 individual who compete with time to succeed the next level and around few individuals who participated to bring up new ideas on the theme of 25 years of KSIT.

**Participant details - No. of Participants: 110**

**Students (internal/external): INTERNAL**

**Faculty: Mr. B R Santhosh Kumar, Mrs. Sangeetha V, Mrs. Bhargavi A**

**Photos :**The inauguration functions are pivotal moment that set the tone for the journey ahead. In presence of our beloved principal Dr Dilip Kumar sir, P N Sudha mam (ECE HOD and WIE chair), Santhosh Kumar sir and with our respected teachers. Principal sharing his insights on the event, experiences and the outcome and benefits to receive from it.Students gathered to witness the inaugural function.



Students participating in ROBO MASTER, tackling their hurdles.



Students participating in TECH DYNAMICS, tackling their strategic powers in distinct levels.



Students participating in TRASH TO TECH, showcasing their ideas on the theme of 25 years of KSIT having its silver jubilee.



PRIZE DISTRIBUTION FOR ALL THE 3 EVENTS WITH ACSH PRIZE.



Coordinators of ISTE and IEEE who worked on bringing up this event.



## OUTCOMES:

- Students were able to gain advancements in challenging and navigating technical skills.
- They could build up their multifaceted experience that goes beyond academic learning.
- Providing them with skills, connections and inspiration that can positively impact their academic and professional journey.
- Students work on real time challenges to apply theoretical knowledge to practical situations.

## CO/PO&PSO mapping

CO/PO&PSO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO 1	PSO 2
	3	2	—	—	—	2	—	—	2	2	—	2	—	—

  
Coordinator Sign

  
HOD

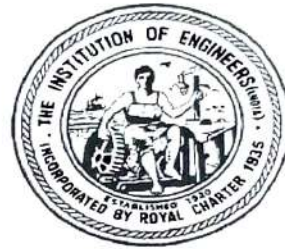
  
Principal  
PRINCIPAL  
K.S. INSTITUTE OF TECHNOLOGY  
BENGALURU - 560 109.



**K.S. INSTITUTE OF TECHNOLOGY, BENGALURU – 560109**  
**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**



**Report On Seminar “Synthesis of Fundamental Creativity”**  
**Organised by**  
**KSIT-IETE STUDENT CHAPTER**



**Event Name:** Seminar on “Synthesis of Fundamental Creativity”

**Date of Conduction:** 24/02/2024

**Venue:** ECE Seminar Hall

**Time:** 10:00 AM to 12 PM

**Duration:** 2hr

**Associating Organization:** Electronic City Industry association-ELCIA



**Expert Details:**

**Mr. GURUPRASAD B R** a seasoned learning & development professional with 20+ years of experience. He successfully trained more than 3000 employees. Provided on-the-job training for more than 6000 employees on production skills across various industry sectors. Proven expertise in designing intensive induction training program for new joiners. Designed, developed and delivered more than 20 training modules on various technical and soft skills topics. Currently as a freelance trainer provides training for working professionals and students.

Earlier has worked with organizations like ISEE Staffing Solutions, Regeneris India, Karle Group, Maini Precision Products and American Power Conversion.

**Participant details** – Number of Participants: 107 Students and staffs of ECE Dept

### **Description:**

**Mr. GURUPRASAD B R** started with introduction about ELSIA and its operational functions. He spoke about the importance of electronic components and integrating these components using PCB manufacturing. He shared information regarding internship program after graduation and encouraged students to undergo internship for a period of one year with stipend of maximum 18k per month in core companies related to electronics and communication domain. He advised students how to improve communication skills for attending interview process. He also shared how to choose good universities for higher studies abroad, right course, right country and visa process without errors.





**Bengaluru, KA, India**  
Chowdappa Road, Raghuvanahalli, Bengaluru,  
560062, KA, India  
Lat 12.879056, Long 77.544328  
02/24/2024 09:51 AM GMT+05:30  
Note : Captured by GPS Map Camera



**Bengaluru, Karnataka, India**  
VGHV+MM2, Raghuvanahalli, Bangalore City Municipal Corporation Layout, Bengaluru, Karnataka  
560062, India  
Lat 12.879135°  
Long 77.544366°  
24/02/24 09:52 AM GMT +05:30



Bengaluru, KA, India  
Chowdappa Road, Raghuvanahalli, Bengaluru,  
560062, KA, India  
Lat 12.879064, Long 77.544350  
02/24/2024 09:55 AM GMT+05:30  
Note : Captured by GPS Map Camera



Bengaluru, Karnataka, India  
VGHV+MM2, Raghuvanahalli, Bangalore City Municipal Corporation Layout, Bengaluru,  
Karnataka 560062, India  
Lat 12.879044°  
Long 77.544256°  
24/02/24 11:05 AM GMT +05:30



Students asked queries to the expert and it has been cleared on spot with a clear explanation. The contact details had been shared to the students.

**CO/PO&PSO mapping:**

CO/PO&PSO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO 1	PSO 2
	-	-	-	-	-	-	2	2	-	2	2	-	-	-
	-	-	-	-	-	-	2	2	-	2	2	-	-	-

Signature of Coordinator



Signature of HOD  
**HEAD OF THE DEPARTMENT**  
Dept. of Electronics & Communication Engg.  
K.S. Institute of Technology  
Bengaluru - 560 109.





KAMMAVARI SANGHAM (R) - 1952

**K S INSTITUTE OF TECHNOLOGY**

( Affiliated to VTU, Belagavi & Recognised by AICTE, New Delhi, Accredited by NAAC & NBA )

#14, Raghuvanahalli, Kanakapura Road, Bengaluru - 560109

Tel: 080-28435722 / 24 Web : www.ksit.edu.in



## One Day Workshop on “Logical Thinking and Problem Solving”

by

**Dr S.R. Subramanya**

In association with



### WORKSHOP REPORT

**Speaker: Dr S.R. Subramanya, President and CEO of Exskillence in San Diego, California, USA**

Venue: Ground floor Conference hall, KSIT

Date of workshop: 24<sup>th</sup> May 2024

Total no of Students: 120

Department of Electronics and Communication engineering under **IETE student's forum, IEEE, ISTE and IEI** in association with **IIC** (Institution Innovation Council) organized **One Day Workshop on “Logical Thinking and Problem Solving”** by **Dr S.R. Subramanya, President and CEO of Exskillence in San Diego, California, USA.**

#### Objectives:

1. To motivate students to upgrade the knowledge of logical thinking and problem solving
2. To understand the use of logical operators
3. To improve skills in identification truth from among conflicting data /statements

In the current information age, which is increasingly driven by technology, data, and automation, it is important for students and working professionals across disciplines, to be well grounded in logical thinking. With needs to cope with phenomenal increases in the amount of information, communication, interactions, changing and challenging societal needs and demands, logical thinking and problem solving is extremely essential and valuable for all professionals - scientists, engineers, doctors, lawyers, teachers, public administrators, law enforcement officials, managers, etc.

It has been recognized that, for students to be successful as part of the future workforce, they must be adept at several of the “21st century skills” in order to be successful. Such skills include logical thinking and problem solving, quantitative and analytical skills, oral and written communication, team work and collaboration, etc. Among these skills, logical thinking and problem solving skills are very foundational in almost every facet of modern life.



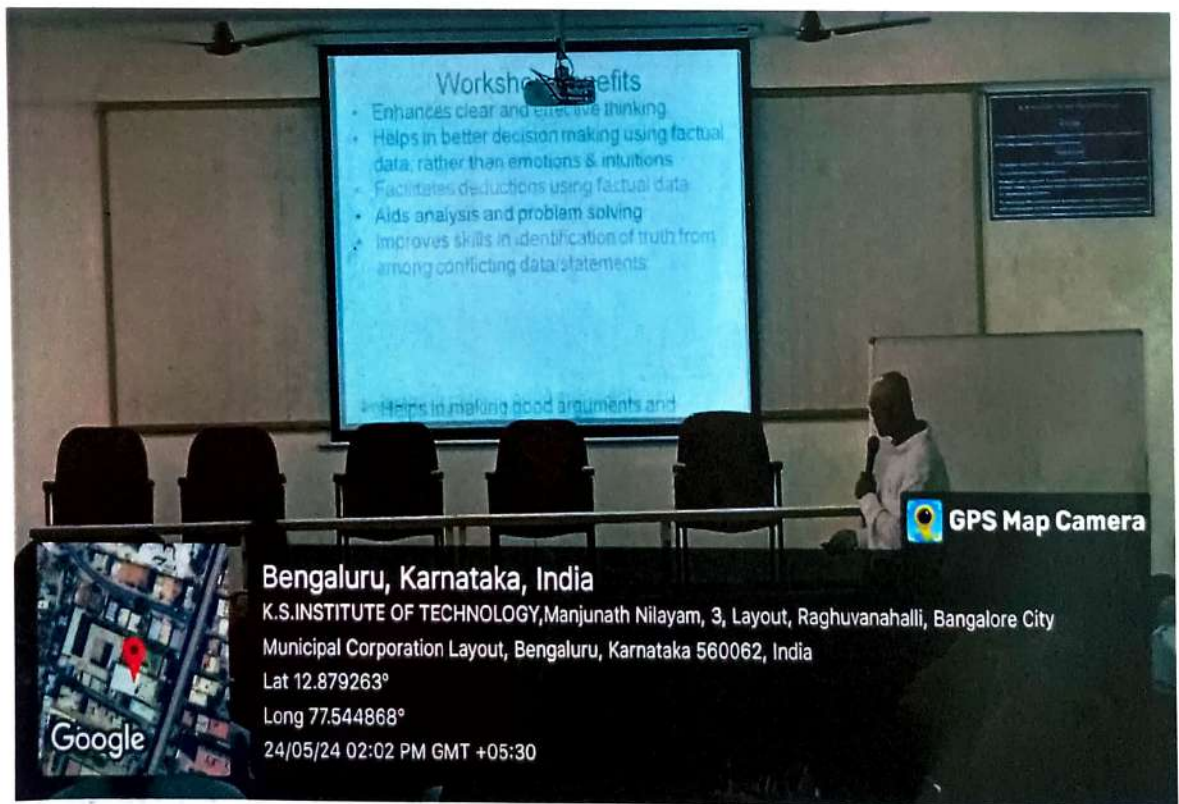


Logical thinking benefits every...

- Decision making
- Problem solving
- Engineering
- Design
- Learning
- Innovation
- Creativity
- Communication
- Teamwork
- Leadership
- Critical thinking
- Analytical skills
- Logical reasoning
- Problem identification
- Problem analysis
- Problem solving
- Decision making
- Problem identification
- Problem analysis
- Problem solving
- Decision making

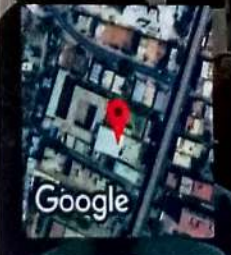


**Bengaluru, Karnataka, India**  
K.S.INSTITUTE OF TECHNOLOGY,Manjunath Nilayam, 3, Layout, Raghuvanahalli, Bangalore City  
Municipal Corporation Layout, Bengaluru, Karnataka 560062, India  
Lat 12.879263°  
Long 77.544868°  
24/05/24 02:03 PM GMT +05:30



Workshop benefits

- Enhances clear and effective thinking
- Helps in better decision making using factual data, rather than emotions & intuitions
- Facilitates deductions using factual data
- Aids analysis and problem solving
- Improves skills in identification of truth from among conflicting data/statements
- Helps in making good arguments and



**Bengaluru, Karnataka, India**  
K.S.INSTITUTE OF TECHNOLOGY,Manjunath Nilayam, 3, Layout, Raghuvanahalli, Bangalore City  
Municipal Corporation Layout, Bengaluru, Karnataka 560062, India  
Lat 12.879263°  
Long 77.544868°  
24/05/24 02:02 PM GMT +05:30

## Workshop outcomes:

1. Understanding of ambiguities in statements
2. Understanding and use of elements of propositional logic
3. Practice in the use of logical deduction techniques

## Mapping of workshop with PO'S and PSO'S

Program	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO 10	PO 11	PO 12	PSO 1	PSO 2
Workshop	-	-	-	2	2	-	-	-			2	2	2	-

- **PO4:** Students can identify complex problems for logical thinking
- **PO5:** Students can able to use modern tools for leaning and thinking
- **PO11:** Students can communicate effectively by gaining knowledge about project management and finance
- **PO12:** Students can apply the basic knowledge in lifelong learning.
- **PSO1:** Students are able to understand and apply knowledge and skills for career development

Finally we would like to thank **Management, CEO Dr. Balaji and Principal Dr.Dilip Kumar K, KSIT** for arranging this one day workshop to upgrade knowledge for the benefit of students.

Faculty coordinators

1. Dr. Dinesh Kumar D S 

2. Mr. Christo Jain 

  
**HOD ECE**  
**HEAD OF THE DEPARTMENT**  
Dept. of Electronics & Communication Engg.  
K.S. Institute of Technology  
Bengaluru - 560 109.

  
**Principal**  
**PRINCIPAL**  
**K.S. INSTITUTE OF TECHNOLOGY**  
BENGALURU - 560 109.



**K S INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**  
**REPORT ON**  
**“Insightful Perspectives on Outcome Based Education Awareness”**

<b>Semester:</b>	3 <sup>rd</sup> Semester
<b>Event Type:</b>	Seminar
<b>Event Name:</b>	Awareness About OBE Concepts
<b>Date/Duration:</b>	13-12-2023 / 90 minutes
<b>No. of Students:</b>	205
<b>Speaker Details:</b>	Mr. Krishna Gudi, Associate Professor, CSE, KSIT
<b>Online link/Offline:</b>	Offline

**Event Objectives:**

- To provide an insight on OBE Concepts to the students.
- How OBE aligns with current industry standards and prepares students for the workforce by equipping them with relevant skills and knowledge.
- To gain clarity on the specific (PEOs), (POs), and (PSOs) of the CSE curriculum.

**Event Description:**

The Computer Science & Engineering Department at KSIT organized an awareness program on "Outcome Based Education" on December 13, 2023. The program conducted in the Conference Hall, was led by Prof. Krishna Gudi, Associate Professor in the CSE Department, and targeted 3<sup>rd</sup> Semester students.



*Glimpse during introduction of OBE*



*Glimpse during delivery on 'Components of OBE in CSE Curriculum'*



*Glimpse during delivery on 'Importance in Engineering Education'*

**The program covers the following topics:**

- 1) Overview of OBE
- 2) Components of OBE in CSE Curriculum
- 3) Importance in Engineering Education

### 1. Overview of OBE:

- Explained the definition and key elements of Outcome Based Education (OBE), contrasting it with traditional educational approaches. This part emphasized the focus of OBE on student outcomes and learning objectives.

### 2. Components of OBE in CSE Curriculum:

- Detailed discussion on Program Educational Objectives (PEOs), Program Outcomes (POs), and Program Specific Outcomes (PSOs) tailored for CSE students, explaining how each element contributes to a comprehensive learning experience.

### 3. Importance in Engineering Education:

- Highlighted the relevance of OBE in meeting current industry standards and demands, stressing how it prepares students with necessary skills and enhances employability.

The session was designed to enhance the students understanding of OBE and its significance in their academic and professional development within the field of Computer Science and Engineering.

EO#	EVENT OUTCOMES
EO1	Students will gain a comprehensive understanding of the OBE model.
EO2	Students will recognize the importance of OBE in aligning their education with current industry standards and demands.
EO3	Students will develop a clear understanding of their academic goals and how each course contributes to their overall educational and professional development.

<b>PO1:</b> Science and engineering Knowledge <b>PO2:</b> Problem Analysis <b>PO3:</b> Design & Development <b>PO4:</b> Investigations of Complex Problems <b>PO5:</b> Modern Tool Usage <b>PO6:</b> Engineer & Society <b>PSO1:</b> Ability to understand, analyse problems, and implement solutions in Programming languages, as well to apply concepts in core areas of Computer science in association with professional bodies and clubs.	<b>PO7:</b> Environment and Sustainability <b>PO8:</b> Ethics <b>PO9:</b> Individual & Team Work <b>PO10:</b> Communication <b>PO11:</b> Project Management & Finance <b>PO12:</b> Lifelong Learning <b>PSO2:</b> Ability to use Computation Skills and apply software knowledge to develop effective solutions and data to address real world challenges.
--	--

### EO-PO Mapping

EO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
EO1	-	-	-	-	-	2	-	-	-	-	3	-	2	-
EO2	-	-	-	-	-	2	-	-	1	2	2	3	2	2
EO3	-	-	-	-	-	2	-	-	-	-	3	3	2	2



3	Substantial (High) Correlation
2	Moderate (Medium) Correlation
1	Slight (Low) Correlation
-	No correlation.

**PO's Attained: PO6, PO9, PO10, PO11 and PO12.**

**PSO's Attained: PSO1 and PSO2.**



**Event Coordinator**



Head of the Department  
Dept. of Computer Science & Engg  
K.S. Institute of Technology  
Bengaluru - 560 109

**HoD**

**K.S. INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF COMPUTER SCIENCE & ENGG.**  
**III A SEC - OBE AWARENESS PROGRAM**

2023-2024

Date: 13/12/2023

SL.NO	USN	NAME OF THE STUDENT	SIGNATURE
1	1KS22CS001	ABENI B	-
2	1KS22CS002	ABHISHEK A	<i>Abhishek A</i>
3	1KS22CS003	ACHYUTHA U N	-
4	1KS22CS004	ADITHYA M	<i>Adithya M</i>
5	1KS22CS005	ADITYA S	<i>Aditya S</i>
6	1KS22CS006	ADITYA V	-
7	1KS22CS007	AKASH JADHAV	<i>Akash J</i>
8	1KS22CS008	AKASH S R	<i>Akash S R</i>
9	1KS22CS009	AKSHAY KRISHNA K S	<i>Akshay Krishna K S</i>
10	1KS22CS010	AMRUTHA N	<i>Amrutha N</i>
11	1KS22CS011	ANANYA C	<i>Ananya C</i>
12	1KS22CS012	ANANYA S	-
13	1KS22CS013	ADONI ANIRUDH	<i>A Anirudh</i>
14	1KS22CS015	ANIRUDH M MUDAMBI	-
15	1KS22CS016	ANKITA N	<i>Ankita N</i>
16	1KS22CS017	ANMOL NAIK S	<i>Anmol Naik S</i>
17	1KS22CS018	ANUKA KIRANA KUMAR	<i>Anuka</i>
18	1KS22CS019	ANUSHKA SHRIPAD GULAVANI	<i>Anushka</i>
19	1KS22CS020	ANVITHA M V	<i>Anvitha</i>
20	1KS22CS021	ARJAV C PRABHU	<i>Arjav</i>
21	1KS22CS022	ARNAV HANGAL	<i>Arnav</i>
22	1KS22CS023	ASHISH REDDY V P	<i>Ashish Reddy V P</i>
23	1KS22CS024	B S VARSHA	<i>B.S. Varsha</i>
24	1KS22CS025	BALAJI R	<i>Balaji R</i>
25	1KS22CS026	BHARATH M	<i>Bharath M</i>
26	1KS22CS027	BHUVAN M	-
27	1KS22CS028	BINDU M	<i>Bindu M</i>
28	1KS22CS029	BINDU SHREE B	<i>Bindushree B</i>
29	1KS22CS030	CHAITHANYA B S	<i>Chaitanya B S</i>
30	1KS22CS031	CHAITRA E KODIGOUDRA	<i>Chaitra E</i>
31	1KS22CS032	CHARITHANJALI M	<i>Charitha</i>
32	1KS22CS033	CHEZHAN M	<i>Chezhan M</i>
33	1KS22CS034	CHIRAG K P	<i>Chirag K P</i>
34	1KS22CS035	CHIRANJEEVI T M	<i>Chiranjeevi T M</i>
35	1KS22CS036	D S AISHWARYA	-
36	1KS22CS037	DARSHAN D GOWDA	<i>Darshan D</i>

*(Signature)*

PRINCIPAL

37	1KS22CS038	DEEKSHA S	—
38	1KS22CS039	DEEPIKA ANGEL K	<u>Deepika</u>
39	1KS22CS040	DEEPTHI B	<u>Deepthi</u>
40	1KS22CS041	DIVYASHREE S	<u>Divyashree S</u>
41	1KS22CS042	DUVVUR DARSHAN KUMAR	—
42	1KS22CS043	GAGAN GOWDA B G	<u>Gagan</u>
43	1KS22CS044	GAURAV NANDAN	—
44	1KS22CS045	GNANESH S	—
45	1KS22CS046	GUNITH RAVIKIRAN	—
46	1KS22CS047	GURURAJ V A	<u>Gururaj</u>
47	1KS22CS048	HARCHITHA M	<u>Harchitha</u>
48	1KS22CS049	HARSHADITHYA G V	<u>Harsha</u>
49	1KS22CS050	HEMAMBHIKA B N	<u>Hemambhika</u>
50	1KS22CS051	HIMASHWETHA K G	<u>Himash</u>
51	1KS22CS052	ISHA MAJI	—
52	1KS22CS053	JAHNAVI J H	<u>Jahnavi</u>
53	1KS22CS054	JAYASHREE KUMAR CHIGARI	<u>Jayashree</u>
54	1KS22CS055	JYOTHSNA R	<u>Jyotsna</u>
55	1KS22CS056	K M THEJDEEP KRISHNA	—
56	1KS22CS057	KAMNOOR ADITYA	<u>Kamnoor</u>
57	1KS22CS058	KARABASAVVA SUBHASA DODDAMANI	<u>Karabasa</u>
58	1KS22CS059	KARTHIK KUMAR R	<u>Karthik</u>
59	1KS22CS060	KARTHIK V	<u>Karthik</u>
60	1KS22CS061	KAVITA REVANAPPA JAMBAGI	<u>Kavita</u>
61	1KS22CS062	KIRAN C P	<u>Kiran</u>
62	DIP	APOORVA V P	<u>Apoorva</u>
63	DIP	NAGENDRA M P	<u>Nagendra</u>
64	DIP	DARSHAN R	<u>Darshan</u>

65  
66  
67  
6

Kpghore. G  
Sanjana K.N  
Kavana. S

Sanjana  
Sy  
K

(52)  
Principals  
PRINCIPAL  
K.S. INSTITUTE OF TECHNOLOGY  
BENGALURU - 560 109.

**K.S. INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF COMPUTER SCIENCE & ENGG.**  
**III B SEC - OBE AWARENESS PROGRAM**  
**2023-2024**

SL.NO	USN	NAME OF THE STUDENT	SIGNATURE
1	1KS22CS063	KRUTHANVA R	<i>Kruthana</i>
2	1KS22CS064	KUSHI M	—
3	1KS22CS065	L DEEKSHA	—
4	1KS22CS066	L SHREYAS SRINIVAS	<i>Shreyas</i>
5	1KS22CS067	LAKSHMI SHREE K P	<i>Lakshmi Shree K P</i>
6	1KS22CS068	LALITHYA S	<i>Lalithya</i>
7	1KS22CS069	LEKHANA L	<i>Lekhana</i>
8	1KS22CS070	LIKHITH K	—
9	1KS22CS071	LIPIKA J	<i>Lipika</i>
10	1KS22CS072	M ASHRITHA	<i>M Ashritha</i>
11	1KS22CS073	M N AMOGH ATHREYA	<i>M N Amogh Athreya</i>
12	1KS22CS074	MADDURI YAVANIKA	<i>M Yavana</i>
13	1KS22CS075	MALLIKARJUN K S	<i>Mallikarjun</i>
14	1KS22CS076	MANASVI H Y	<i>Manasvi H Y</i>
15	1KS22CS077	MANOJA G V	<i>Manoja G V</i>
16	1KS22CS078	MEGHA S	<i>Megha S</i>
17	1KS22CS079	MINAKSHI ANIL BADIFER	<i>Minakshi Anil Badifer</i>
18	1KS22CS080	MISBA SABA	<i>Misba Saba</i>
19	1KS22CS081	MOHAMMED TAHIR	<i>Mohammed Tahir</i>
20	1KS22CS082	MOHAMMED YAHYA NAZIM	<i>Mohammed Yahya Nazim</i>
21	1KS22CS083	MOKESH G R	<i>Mokesh G R</i>
22	1KS22CS084	MONIKA H	<i>Monika H</i>
23	1KS22CS085	MONIKA V	<i>Monika V</i>
24	1KS22CS086	MONISHA C	<i>Monisha C</i>
25	1KS22CS087	NAGAMAHESH KENDOLE	<i>Nagamahesh Kendole</i>
26	1KS22CS088	NAGAMMA	<i>Nagama</i>
27	1KS22CS089	NAGARJUN KUMAR S	<i>Nagarjun Kumar S</i>
28	1KS22CS090	NARESH KUMAR N	<i>Narash Kumar N</i>
29	1KS22CS091	NAWAZ KHAN	<i>Nawaz Khan</i>
30	1KS22CS092	NAYANA R	<i>Nayana R</i>
31	1KS22CS093	NEHA V	<i>Neha V</i>
32	1KS22CS094	NITHIN R	—
33	1KS22CS095	P C TEJAS	—
34	1KS22CS096	PAAVANA P	<i>Paavana P</i>
35	1KS22CS097	PALLAVI C	<i>Pallavi C</i>
36	1KS22CS098	PALLAVI S	<i>Pallavi S</i>

*Kumar*

PRINCIPAL

K.S. INSTITUTE OF TECHNOLOGY

37	1KS22CS099	PANCHAMI L	
38	1KS22CS100	PARVEZ ANSARI	Parvez
39	1KS22CS101	PASUPULETI SRAVYA	P. Sravya
40	1KS22CS102	POOJITHA J N	Poojitha J N
41	1KS22CS103	POONAM SINGH A	Poonam A
42	1KS22CS104	PRAJNA ANANT GAONKAR	Prajna
43	1KS22CS105	PRAKRUTHI G P	P. Pragathi
44	1KS22CS106	PRANAV B R	<del>Pranav</del>
45	1KS22CS107	PREETHAL D SOUZA	Preethal
46	1KS22CS108	PRUTHU K L	Pruthu
47	1KS22CS109	PUNEETH VEMURI	Puneeth
48	1KS22CS110	R CHENDRA CHUDA	R Chendra Chuda
49	1KS22CS111	RACHANA N	Rachana N
50	1KS22CS112	RAGHUSAI ACHUT	Raghunath
51	1KS22CS113	RAKSHITHA A U	Rakshitha
52	1KS22CS114	RAKSHITHA J	Rakshitha J
53	1KS22CS115	RAKSHITHA R	Rakshitha R
54	1KS22CS116	RAVI SHANKAR D M	Ravi Shankar
55	1KS22CS117	RENUKA CHOWDARY	Renuka
56	1KS22CS118	REVANTH RAJ P	Revant
57	1KS22CS119	RINI JAIN H P	Rini Jain
58	1KS22CS120	RUCHITHA S	Ruchitha
59	1KS22CS121	RUSHIL RUTHVIGNA	-
60	1KS22CS122	RUTVIK CHANDRA M	RCM
61	1KS22CS123	S HYMA	S Hyman
62	1KS22CS124	MANOJ S	-
63	1KS22CS125	SACHIN SOMASHEKHAR KUMBAR	Sachin
64	DIP	GAGANA SHREE M S	Gagana
65	DIP	GAGANA P	Gagana P

58

PRINCIPAL  
K.S. INSTITUTE OF TECHNOLOGY  
BENGALURU - 560 109.

PRINCIPAL  
K.S. INSTITUTE OF TECHNOLOGY

**K.S. INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF COMPUTER SCIENCE & ENGG.**  
**III C SEC - OBE AWARENESS PROGRAM**  
**2023-2024**

SL.NO	USN	NAME OF THE STUDENT	SIGNATURE
1	1KS22CS126	SAGAR M	Sagar
2	1KS22CS127	SAHANA C S	Sahana C S
3	1KS22CS128	SAI DEEKSHA D	Sai Deeksha D
4	1KS22CS129	SAKETH A V	Saketh AV
5	1KS22CS130	SAMHITA P	Samhita
6	1KS22CS131	SAMSKRUTHI S KASHYAP	Samskruthi
7	1KS22CS132	SANATH R	Sanath R
8	1KS22CS133	SANDEEP KUMAR JENA	Sandeep
9	1KS22CS134	SANDESH GURURAJ KULLOLLI	Sandesh
10	1KS22CS135	SANGEETHA K M	Sangeetha K M
11	1KS22CS136	SANJANA SURESH TIGADI	Sanjana
12	1KS22CS137	SANKET MATHAPATI	Sanket
13	1KS22CS138	SATYA KARTHIK R	Satya
14	1KS22CS139	SHAMANTH SREEPAD JOSHI	Shamant Joshi
15	1KS22CS140	SHARANUBASAVA ARADHYA	Sharanubasava
16	1KS22CS141	SHASHANK H Y	Shashank
17	1KS22CS142	SHASHANKGOUDA G GALI	Shashank
18	1KS22CS143	SHRAVYA C S	Shravya C S
19	1KS22CS144	SHRAVYA R	Shravya
20	1KS22CS145	SHREEHARI D R	Shreehari D R
21	1KS22CS146	SHREYA MURTHY	Shreya Murthy
22	1KS22CS147	SHREYA P R	Shreya P R
23	1KS22CS149	SINCHANA M	Sinchana
24	1KS22CS150	SINDHU	Sindhu
25	1KS22CS151	SIRI S GOWDA	Siri
26	1KS22CS152	SOURAV G	Sourav
27	1KS22CS153	SRINIVAS KOUDINYA T D	Srinivas
28	1KS22CS154	SRISHTI RAGHUNATH SOSALE	Srishti
29	1KS22CS155	SRUJAN G	Srujan
30	1KS22CS156	SUDEEP PRAKASH KENGINAL	Sudeep
31	1KS22CS157	SUDHANVA H RAO	Sudhanva
32	1KS22CS158	SUMITAA S DESHBHANDARI	Sumitaa
33	1KS22CS159	SUNIDHI R	Sunidhi R
34	1KS22CS160	SUPREETH V	Supreeth
35	1KS22CS161	SUPRIYA K	Supriya K
36	1KS22CS162	SUPRIYA.M	Supriya M

*S. Kumar - 5*

37	1KS22CS163	SYED AYAN HYDER	<i>Ayan Hyder</i>
38	1KS22CS164	TARUN GOWDA D N	<i>Tarun</i>
39	1KS22CS165	TEJA M S	-
40	1KS22CS166	TEJAS GOWDA H R	-
41	1KS22CS167	TEJASHWINI S R	<i>Tejashwini S R</i>
42	1KS22CS168	THANUJA T	<i>Thanyia T</i>
43	1KS22CS169	THANUSHA S	<i>Thanyusha S</i>
44	1KS22CS170	THANUSHREE NATARAJ	<i>Thanyushree</i>
45	1KS22CS171	THEJUS K	<i>Thejus K</i>
46	1KS22CS172	THUMMALAKUNTA VENEELA YASHMINE	<i>Venmin's</i>
47	1KS22CS173	TILAK GOWDA M Y	<i>Tilak</i>
48	1KS22CS174	ULLAS S A	<i>Ullas</i>
49	1KS22CS175	ULLI SRUJAN	<i>Ulli</i>
50	1KS22CS176	UMESH BHATTA	-
51	1KS22CS177	VAISHNAVI K R	-
52	1KS22CS178	VAMSHI N M	-
53	1KS22CS179	VARSHA S N	<i>Varsha S N</i>
54	1KS22CS180	VEENA M	<i>M. Veena</i>
55	1KS22CS181	VIDYA K	<i>Vidya K</i>
56	1KS22CS182	VIDYA M S	<i>Vidya M S</i>
57	1KS22CS183	VIGNESH B	-
58	1KS22CS184	VIGNESH S	<i>Vignesh S</i>
59	1KS22CS185	VIJAYASHREE A	-
60	1KS22CS186	VIKRAM S	<i>Vikram S</i>
61	1KS22CS187	VIVEK	<i>Vivek</i>
62	1KS22CS188	YASHASWINI S L	<i>Yashaswini S L</i>
63	1KS21CS013	ANUBHAV MISRA	<i>Anubhav</i>
64	DIP	SRINIVASAGUPTA R K	<i>Srinivas</i>
65	DIP	GANESH	<i>Ganesh</i>

*Ayan*

*Srinivas*

Head of the Department  
of Computer Science & Engg  
K.S. Institute of Technology  
Bengaluru - 560 109

58

*Srinivas S*  
PRINCIPAL

K.S. INSTITUTE OF TECHNOLOGY  
BENGALURU - 560 109

# K.S. INSTITUTE OF TECHNOLOGY

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### OBE SEMINAR FEED BACK (2023-2024)

SEM & SEC: III A, B & C

Topic: AWARENESS ABOUT OBE Concepts

Event Date : 13-12-2023

- Q1. How would you rate the session? was the topic relevant?  
 Q2. The information and skills presented were relevant and useful.  
 Q3. How would you rate the level and amount of information provided?  
 Q4. How would you rate the resource person? The resource person was knowledgeable, clear and professional.

Timestamp	Q1.	Q2.	Q3.	Q4.
12-22-2023 11:33:54	Strongly Agree	Strongly Agree	Agree	Strongly Agree
12-22-2023 11:48:07	Agree	Agree	Agree	Strongly Agree
12-22-2023 12:04:04	Agree	Agree	Agree	Agree
12-22-2023 12:22:55	Agree	Agree	Agree	Agree
12-22-2023 12:26:48	Strongly Agree	Strongly Agree	Strongly Agree	Agree
12-22-2023 12:27:47	Agree	Agree	Agree	Agree
12-22-2023 12:28:38	Strongly Agree	Agree	Strongly Agree	Strongly Agree
12-22-2023 12:29:32	Agree	Agree	Agree	Agree
12-22-2023 12:40:52	Agree	Agree	Agree	Agree
12-22-2023 12:41:36	Agree	Agree	Agree	Strongly Agree
12-22-2023 12:42:39	Agree	Agree	Agree	Agree
12-22-2023 12:46:11	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
12-22-2023 13:07:21	Agree	Agree	Agree	Agree
12-22-2023 13:10:43	Agree	Agree	Agree	Agree
12-22-2023 13:10:55	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
12-22-2023 13:11:16	Agree	Strongly Agree	Agree	Agree
12-22-2023 13:13:41	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
12-22-2023 13:14:23	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
12-22-2023 13:16:21	Agree	Agree	Agree	Agree
12-22-2023 13:16:29	Disagree	Agree	Disagree	Disagree
12-22-2023 13:16:37	Agree	Agree	Agree	Agree
12-22-2023 13:16:38	Agree	Agree	Agree	Disagree
12-22-2023 13:16:42	Agree	Agree	Agree	Agree
12-22-2023 13:16:56	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
12-22-2023 13:17:21	Agree	Agree	Agree	Agree
12-22-2023 13:18:25	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
12-22-2023 13:18:39	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
12-22-2023 13:21:04	Agree	Agree	Agree	Agree
12-22-2023 13:25:44	Agree	Agree	Agree	Agree
12-22-2023 13:28:43	Agree	Agree	Agree	Agree
12-22-2023 13:30:42	Agree	Agree	Agree	Agree
12-22-2023 13:35:00	Agree	Agree	Agree	Agree
12-22-2023 13:39:12	Strongly Agree	Agree	Strongly Agree	Agree
12-22-2023 13:40:47	Agree	Agree	Agree	Agree
12-22-2023 13:41:13	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
12-22-2023 13:50:30	Agree	Strongly Agree	Agree	Agree
12-22-2023 13:51:40	Agree	Agree	Agree	Agree
12-22-2023 14:10:40	Agree	Agree	Agree	Agree
12-22-2023 14:12:45	Agree	Agree	Agree	Agree



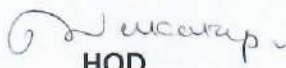
Timestamp	Q1.	Q2.	Q3.	Q4.
12-22-2023 14:15:27	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
12-22-2023 14:17:32	Agree	Agree	Agree	Agree
12-22-2023 14:18:55	Agree	Agree	Agree	Agree
12-22-2023 14:18:58	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
12-22-2023 14:19:53	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
12-22-2023 14:20:14	Agree	Agree	Agree	Agree
12-22-2023 14:20:14	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
12-22-2023 14:23:53	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
12-22-2023 14:31:46	Agree	Agree	Agree	Agree
12-22-2023 14:33:23	Agree	Agree	Agree	Agree
12-22-2023 14:33:28	Strongly Agree	Agree	Strongly Agree	Agree
12-22-2023 14:33:31	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
12-22-2023 14:33:57	Agree	Strongly Agree	Agree	Strongly Agree
12-22-2023 14:33:59	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
12-22-2023 14:34:31	Agree	Agree	Agree	Agree
12-22-2023 14:34:39	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
12-22-2023 14:34:40	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
12-22-2023 14:34:40	Agree	Agree	Agree	Agree
12-22-2023 14:34:47	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
12-22-2023 14:34:55	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
12-22-2023 14:34:57	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
12-22-2023 14:35:05	Agree	Agree	Agree	Agree
12-22-2023 14:35:11	Agree	Agree	Agree	Agree
12-22-2023 14:35:12	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
12-22-2023 14:35:14	Agree	Agree	Agree	Agree
12-22-2023 14:35:18	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
12-22-2023 14:35:20	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
12-22-2023 14:35:20	Strongly Agree	Strongly Agree	Agree	Strongly Agree
12-22-2023 14:35:28	Agree	Agree	Agree	Agree
12-22-2023 14:35:31	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
12-22-2023 14:35:35	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
12-22-2023 14:35:40	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
12-22-2023 14:35:41	Agree	Agree	Agree	Agree
12-22-2023 14:35:50	Agree	Agree	Agree	Agree
12-22-2023 14:36:27	Strongly Agree	Agree	Strongly Agree	Strongly Agree
12-22-2023 14:36:34	Agree	Agree	Agree	Agree
12-22-2023 14:36:36	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
12-22-2023 14:36:43	Agree	Agree	Agree	Agree
12-22-2023 14:36:57	Agree	Agree	Agree	Agree
12-22-2023 14:37:06	Agree	Agree	Agree	Agree
12-22-2023 14:37:10	Agree	Agree	Agree	Agree
12-22-2023 14:37:59	Agree	Agree	Agree	Agree
12-22-2023 14:38:01	Agree	Agree	Agree	Agree
12-22-2023 14:38:25	Agree	Agree	Agree	Agree
12-22-2023 14:38:30	Agree	Agree	Agree	Agree
12-22-2023 14:38:36	Agree	Strongly Agree	Strongly Agree	Strongly Agree
12-22-2023 14:38:51	Agree	Agree	Agree	Agree
12-22-2023 14:40:01	Agree	Agree	Agree	Agree
12-22-2023 14:40:25	Agree	Agree	Agree	Strongly Agree
12-22-2023 14:41:41	Agree	Agree	Agree	Strongly Agree
12-22-2023 14:41:58	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
12-22-2023 15:09:43	Agree	Agree	Agree	Agree
12-22-2023 15:10:23	Agree	Agree	Agree	Agree
12-22-2023 15:10:47	Agree	Agree	Agree	Agree

Timestamp	Q1.	Q2.	Q3.	Q4.
12-22-2023 15:24:04	Strongly Agree	Strongly Agree	Agree	Agree
12-22-2023 15:24:45	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
12-22-2023 15:26:56	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
12-22-2023 15:38:59	Agree	Agree	Agree	Strongly Agree
12-22-2023 15:46:31	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
12-22-2023 16:01:55	Agree	Agree	Agree	Agree
12-22-2023 16:36:46	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
12-22-2023 17:12:59	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
12-22-2023 17:30:26	Agree	Agree	Agree	Strongly Agree
12-22-2023 17:38:34	Agree	Agree	Strongly Agree	Strongly Agree
12-22-2023 18:24:34	Agree	Agree	Agree	Agree
12-22-2023 18:40:25	Agree	Agree	Disagree	Agree
12-22-2023 19:10:07	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
12-22-2023 19:15:45	Agree	Agree	Agree	Strongly Agree
12-22-2023 19:21:59	Agree	Agree	Agree	Agree
12-22-2023 19:40:47	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
12-22-2023 20:02:43	Agree	Agree	Agree	Agree
12-22-2023 20:11:22	Agree	Agree	Agree	Agree
12-22-2023 20:17:14	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
12-22-2023 20:19:55	Agree	Agree	Agree	Agree
12-22-2023 20:48:51	Agree	Agree	Agree	Agree
12-23-2023 7:23:49	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
12-23-2023 9:42:53	Agree	Agree	Agree	Strongly Agree
12-23-2023 16:12:02	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
12-23-2023 22:04:42	Agree	Agree	Agree	Agree
12-23-2023 22:11:22	Agree	Agree	Agree	Strongly Agree
12-23-2023 22:24:19	Agree	Agree	Agree	Agree
12-23-2023 23:14:48	Agree	Agree	Agree	Agree
12-24-2023 5:16:26	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
12-24-2023 8:44:29	Agree	Agree	Agree	Agree
12-24-2023 10:42:01	Agree	Agree	Agree	Agree
12-25-2023 17:05:53	Agree	Agree	Agree	Agree
12-26-2023 14:17:48	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
12-26-2023 14:18:10	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
12-26-2023 14:18:29	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
12-26-2023 19:09:47	Agree	Agree	Agree	Agree
12-27-2023 16:56:30	Agree	Agree	Agree	Agree
12-27-2023 16:58:59	Agree	Agree	Agree	Agree
12-28-2023 10:34:49	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
12-28-2023 10:37:10	Agree	Agree	Agree	Agree
12-28-2023 10:39:03	Agree	Agree	Agree	Agree
12-28-2023 10:43:50	Agree	Agree	Agree	Agree
12-28-2023 10:44:13	Agree	Agree	Agree	Agree
12-28-2023 10:45:26	Agree	Agree	Agree	Agree
12-28-2023 10:46:44	Agree	Agree	Agree	Agree
12-28-2023 10:46:47	Agree	Strongly Agree	Strongly Agree	Agree
12-28-2023 10:49:38	Agree	Agree	Agree	Agree
12-28-2023 10:50:04	Agree	Agree	Agree	Agree
12-28-2023 10:50:43	Agree	Agree	Agree	Agree
12-28-2023 11:38:05	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
12-28-2023 11:42:55	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
12-28-2023 11:56:17	Agree	Agree	Agree	Agree
12-28-2023 12:02:59	Agree	Agree	Agree	Agree
12-28-2023 12:03:00	Agree	Agree	Agree	Agree



Timestamp	Q1.	Q2.	Q3.	Q4.
12-28-2023 12:11:47	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
12-28-2023 12:12:28	Agree	Agree	Agree	Agree
12-28-2023 12:37:41	Agree	Agree	Agree	Agree
12-28-2023 12:52:22	Agree	Agree	Agree	Strongly Agree
12-28-2023 12:53:01	Agree	Strongly Agree	Agree	Strongly Agree
12-28-2023 12:53:39	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
12-28-2023 12:54:25	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
12-28-2023 12:54:47	Agree	Agree	Agree	Agree
12-28-2023 12:55:43	Agree	Agree	Agree	Agree
12-28-2023 12:58:05	Agree	Agree	Agree	Agree
12-28-2023 13:01:12	Agree	Agree	Agree	Agree
12-28-2023 13:35:10	Strongly Agree	Agree	Strongly Agree	Strongly Agree
12-28-2023 13:57:05	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
12-28-2023 15:52:17	Agree	Agree	Strongly Agree	Strongly Agree
12-28-2023 16:05:13	Agree	Agree	Agree	Agree
12-28-2023 16:07:06	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
12-28-2023 16:45:21	Agree	Agree	Agree	Agree
12-28-2023 17:31:56	Agree	Agree	Agree	Agree
12-28-2023 20:19:30	Agree	Agree	Agree	Disagree
12-28-2023 20:34:43	Agree	Agree	Strongly Agree	Agree
12-28-2023 20:52:57	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
01-01-24 14:12	Agree	Agree	Agree	Agree
01-02-24 23:11	Agree	Agree	Agree	Agree
01-12-24 11:46	Agree	Agree	Agree	Agree
1-13-2024 8:18:10	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
1-14-2024 11:11:18	Agree	Agree	Agree	Agree
1-22-2024 9:37:37	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
1-22-2024 11:44:09	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
1-22-2024 11:45:10	Agree	Agree	Agree	Agree
<b>No. of Students</b>	<b>178</b>			

  
Event Coordinators

  
HOD  
Head of the Department  
Dept. of Computer Science & Engg  
K.S. Institute of Technology  
Bengaluru -560 109



## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



### SEMINAR ON ANTI TOBACCO AWARENESS

**Date of Conduction: 7/6/2024**

**Venue: KSIT ECE Seminar Hall**

**Time: 11.00 am – 12.30 pm**

**Duration: 1.5 hrs**

**Sponsoring Bodies / Associating Organization: KSIT IEEE SB, SPS, WIE**

**Expert Details –**

**Name: Dr. Karthik N Rao, HoD and Consultant, Head and Neck Surgical Oncology, Shankara Cancer Hospitals, Bangalore**

IEEE KSIT, WIE KSIT and SPS KSIT in association with the Department of Electronics and Communication organized an **IEEE Guest Lecture on 07/06/2024.**

On the morning of June 7<sup>th</sup>, **Dr. KARTHIK N.RAO** delivered a compelling lecture at KSIT ECE SEMINAR HALL focusing on the critical theme of "Anti-Tobacco." The event was organized with the objective of raising awareness among students about the detrimental effects of tobacco use and advocating for a tobacco-free environment.

The event was graced by the Head of the Department of Electronics and Communication Engineering **Dr. PN Sudha**, **Mr. Santhosh Kumar B R** Branch Chair of IEEE KSIT SB, **Mrs. Bhargavi Ananth** Branch Counsellor of IEEE KSIT SB and **Mrs. Sangeetha V**, WIE mentor

The lecture began with an introduction by **SHANKARA CANCER HOSPITALS**, highlighting the significance of addressing tobacco consumption among youth and its profound impact on public health.

The doctor commenced by presenting alarming statistics related to tobacco addiction and its associated health risks, emphasizing the escalating prevalence of tobacco-related diseases and premature deaths globally. Through vivid illustrations and real-life examples. **Dr .KARTHIK N. RAO** underscored the physical, psychological, and socio-economic consequences of tobacco use.

Furthermore, doctors elucidated effective strategies for tobacco prevention and cessation, encouraging students to adopt healthier lifestyles and contribute to a smoke-free society. Practical advice and resources were shared to empower individuals in overcoming addiction and promoting sustainable health behaviors.

The interactive session concluded with a dynamic Q&A segment, during which students actively participated by seeking clarification and sharing personal perspectives on tobacco use. Speakers provided insightful responses, reinforcing key messages conveyed throughout the lecture.

Overall, presentation on "**Anti-Tobacco: Promoting Health and Well-being**" resonated deeply with the audience, inspiring students to prioritize their health and make informed choices regarding tobacco consumption. The event concluded with a sense of empowerment and determination among attendees to advocate for anti-tobacco initiatives within their communities

#### **Objectives / Key Highlights:**

- **To bring awareness among students about the harm of tobacco usage**
- **To bring awareness among students about cancer**

**No. of Participants: 120**

**Students (internal/external): Internal**

**Faculty: Mrs. Sangeetha V, Mrs. Bhargavi Ananth**





**Outcomes / Benefits:**

- Students became aware about serious effects of tobacco usage
- Students learnt about many types of cancer caused due to tobacco usage.

**CO/PO&PSO mapping**

CO/PO&PSO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO 1	PSO 2
Talk	-	-	-	-	-	-	3	3	-	-	-	3	-	-

  
Signature of IEEE Chair

  
Signature of HOD

  
Signature of Principal

KAMMAVARI SANGHAM (R)-1952



**K. S. INSTITUTE OF TECHNOLOGY**  
 Approved by AICTE, New Delhi; Affiliated to VTU, Belagavi, Karnataka; Accredited by NAAC & NBA  
 No.14, Raghuvanahalli, Kanakapura Road, Bengaluru - 560109  
 Tel : 284335722 / 724 E-mail : principal@ksit.edu.in Web : www.ksit.edu.in

### Report on “Entrepreneurship Awareness Program”

The Department of Computer Science and Engineering organized a talk on “**Entrepreneurship – Venture Vision**” in association with **ED Cell** at KSIT, Bengaluru on **22<sup>nd</sup> August 2023**.

The resource persons was **Mrs. Raksha Karpoor**, Founder - Paper Play.

The talk was organized and focused 2<sup>nd</sup> year(4<sup>th</sup> Semester) students of computer Science and Engineering.

The speaker started with clear and inspiring picture of the future that an entrepreneur envisions for their startup or business venture. The speaker has given insight into their journey, identifying their successes and any mistakes that they may have made along their way.

**Dr. K V A Balaji**, CEO, KSGI, **Dr Dilip Kumar K**, Principal/Director, **Dr Rekha B Venkatapur**, HoD, Computer Science & Engineering, KSIT, were present during the inauguration of the event.

Dr.Rekha B Venkatapur, HOD-CSE supervised the proceedings of the event.

KAMMAVARI SANGHAM (R)-1952



**K. S. INSTITUTE OF TECHNOLOGY**  
 Approved by AICTE, New Delhi; Affiliated to VTU, Belagavi, Karnataka; Accredited by NAAC & NBA  
 No.14, Raghuvanahalli, Kanakapura Road, Bengaluru - 560109  
 Tel : 284335722 / 724 E-mail : principal@ksit.edu.in Web : www.ksit.edu.in

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING  
 IN ASSOCIATION WITH  
 ENTREPRENEURSHIP DEVELOPMENT CELL  
 ORGANIZES TALK ON

**ENTREPRENEURSHIP**  
**VENTURE VISION**

📅 **22 August 2023**

📍 Conference Hall

🕒 10:30 AM



**Mrs. Raksha Karpoor**  
 Founder - Paper Play





*Inauguration Pics*

The session begun with the introduction of Time Management & Current vision of software industry



*Glimpse during Inauguration - Prof. Supreetha Ganesh reading Speaker profile*



*Glimpse during lecture delivery on “Entrepreneurship – Venture Vision”*



*Glimpse during lecture – CSE 4<sup>th</sup> Semester students & Faculty members*

Video-URL (if any) – Nil

**Outcomes / Benefits:**

EO#	EVENT OUTCOMES
EO1	Understand the basics of organization and entrepreneur.
EO2	Understand the market validation through customer feedback.
EO3	Utilize the concept of innovation and adaptation in entrepreneurship.

**Attachments:**

1. Resource's person Profile
2. Budget and Expenditure Details/amount

**CO/PO&PSO Mapping:**

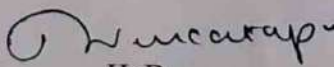
EO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
EO1	2	1	-	-	-	2	2	1	2	1	-	2	1	1
EO2	2	1	-	-	-	2	2	1	2	1	-	2	1	1
EO3	2	1	-	-	-	2	2	1	2	1	-	2	1	1
	2	1	-	-	-	2	2	1	2	1	-	2	1	1

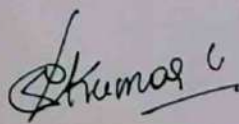
3	Substantial (High) Correlation
2	Moderate (Medium) Correlation
1	Slight (Low) Correlation
-	No correlation.

**PO's Attained: PO1, PO2, PO6, PO7, PO8, PO9, PO10, PO12**

**PSO's Attained: PSO1, PSO2**

  
EDC Chief Coordinator

  
HoD

  
Principal



# K.S.INSTITUTE OF TECHNOLOGY

#14, Raghuvanahalli, Kanakapura Main Road,  
Bengaluru-560109

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



## REPORT ON

### 6 Days Faculty Development Program on Teaching, Learning & OBE Concepts



#### Organizing Chair

Dr. P. N. Sudha  
Prof. & Head ECE Dept  
KSIT, Bangalore

# **CONTENTS**

## **SI Particulars**

- 1 FDP Brochure
- 2 Program Schedule
- 3 Participants list
- 4 Speaker Details
- 5 Session-wise Details
- 7 Feedback Questionnaire



KAMMAVARI SANGHAM (R) - 1952  
**K. S. GROUP OF INSTITUTIONS**  
**K. S. INSTITUTE OF TECHNOLOGY**

Approved by AICTE, New Delhi; Affiliated to VTU, Belagavi, Karnataka; Accredited by  
NBA(ECE, CSE & Mech) and NAAC

The Management, CEO, Principal & Staff  
Cordially invite you for the Inaugural function of

**6 Days Faculty Development Program**

**on**

**Teaching, Learning & OBE Concepts**

**on 21<sup>st</sup> September at 9.30 am in ground floor  
seminar Hall, KSIT**

**Chief Guest**

**Dr. K. Gopalakrishna**

***Principal***

***Jyothy Institute of Technology, Bengaluru***

**Presided By**

**Sri. R. Rajagopal Naidu**

***President, Kammavari Sangham***

**will Grace the Occasion**

**Sri. R. Leela Shankar Rao**

***Hon. Secretary, Kammavari Sangham***

**Sri. T. Neerajakshulu Naidu**

***Treasurer, Kammavari Sangham***

**Dr. K. V. A. Balaji**

***CEO, KSGI***

**Dr. P. N. Sudha**

***Prof. & Head ECE dept***

**Dr. Dilip Kumar K**

***Principal & Director***

## **Management Committee**

**Sri. R. Rajagopal Naidu**

President

**Dr. M. Rukmangada Naidu**

Vice President

**Sri. B. Lokanadha Naidu**

Vice President

**Sri. R. Leela Shankar Rao**

Hon. Secretary

**Sri. V. Rajendra Naidu**

Joint-Secretary

**Sri. S. Venugopal Naidu**

Joint-Secretary

**Sri. T. Neerajakshulu Naidu**

Treasurer

**Sri. M. Yogamurthy**

Internal Auditor

**Sri. M. Sudhakar**

Chairman, Legal Cell

**Sri. N. M. Krishnamurthy**

Chairman, Finance Committee

**Sri. A. V. Nagaraj**

Chairman, Building Committee

**Sri. N. Krishnama Naidu**

Chairman, Hostel Committee

**Sri. D. Jagadish Kumar**

Chairman, Transport Committee

**Sri. T. N. Manjunath**

Chairman, Environment Committee

**Sri. G. Ramana Babu**

Director

**Sri. G. V. Ramesh**

Director

**Sri. V. Ramesh Kumar**

Director

**Sri. J. M. Chandra Shekar (Babu)**

Director

**Sri. P. Prabhakar Naidu**

Director

## **Academic Advisory Board**

**Dr. H. P. Kincha**

Chairman

**Dr. K. N. Balasubramanya Murthy**

Member

**Dr. Y. N. Srikanth**

Member

**Dr. Shyam Vasudeva Rao**

Member

**Dr. K. V. A. Balaji**

Chief Executive Officer

### Schedule Details For 6 Days FDP at KSIT:

Date/Day	Session1 9.30-10.45	Resource Person	10.45-11.00	Session-2 11.00-12.30pm	Resource Person	12.30-1.30	Session-3 1.30-3.00	Resource Person
<b>DAY-1</b> 21/09/2023	<b>Inauguration &amp; Key note</b>	<b>Management CEO, Principal</b>	<b>Tea break</b>	Learning through Projects	<i>Dr Joy Prabhakar</i> <i>Consultant</i>	<b>Lunch Break</b>	Management, Institutions, Vision and Mission & Role of a teacher in moulding students	<b>Dr. Dilip Kumar</b> <b>Principal</b> <b>KSIT</b>
<b>DAY-2</b> 22/09/2023	Attributes and guidelines for setting of question paper	<b>Dr Krishnamurthy</b> <b>Professor, IISC Retd.</b>		Performance evaluation/ self-appraisals	<b>Dr K V A Balaji</b> <b>CEO KSGI</b>		<b>Stress Management</b>	<i>Dr Shekhar H.S.</i> <i>Professor, KSSEM</i>
<b>DAY-3</b> 23/09/2023	<b>Outcome Based Education and CO-PO Attainment</b>	<b>Dr Bhaskar S,</b> <b>Prof, KCT</b>		<b>Dr Bhaskar S,</b> <b>Prof, KCT</b>			<b>Dr Bhaskar S,</b> <b>Prof, KCT</b>	
<b>DAY-4</b> 25/09/2023	Team building activity	<b>Dr Manjunath</b> <b>Professor, CMRU</b>		<b>Art of Nurturing Personalities, Stress management and academic Writing</b>	<b>Dr. Uma</b> <b>Professor</b> <b>RNSIT</b>		<b>Proposal writing and funding agencies [CEO sir]</b>	<i>Dr Swamy</i> <i>Prof, KSSEM</i>
<b>DAY-5</b> 26/09/2023	Activity based teaching and assessment of intelligent systems	<b>Dr Indiramma</b> <b>Professor</b> <b>BMSCE</b>		<b>Data Mining &amp; Data science</b>	<b>Dr Anandi</b> <b>Professor</b> <b>New Horizon</b>		Project Based Learning: Case Study with VLSI	<i>Dr.Jayagouri</i> <i>Professor</i> <i>BMS college of Engg.</i>



<b>DAY-6</b> <b>27/09/2023</b>	<b>Training on Students mentoring - Dr Ravichandra Karkala, Professor. Yenepoya Medical College</b>							

# K.S. INSTITUTE OF TECHNOLOGY

## FACULTY LIST WITH 7 YEARS & LESS THAN 7 YEARS OF TEACHING EXPERIENCE

Sl. No.	Name of the Faculty	Mail id	Mobile No.	
1	Dr.Rekha	rekhan@ksit.edu.in	9019761559	ECE
2	Dr.Devika	devikab@ksit.edu.in	9663922299	
3	Ms. Sangeetha	sangeetha.v@ksit.edu.in	9980099247	
4	Mr. Christo Jain	christojain@ksit.edu.in	9742070803	
5	BhargaviAnanth	bhargavi_ananth@hotmail.com	9448491846	
6	Mrs. Bhanumathi A	bhanumathia@ksit.edu.in	9686136150	
7	Mrs. Anita P	anitap@ksit.edu.in	9980344115	
8	Mrs. Kavya B M	kavyabm@ksit.edu.in	9663654934	
9	Mr. HarshvardhanJ R	harshavardhanjr@ksit.edu.in	9448612519	CSE
10	Dr.SunithaChalageri	dr.sunitachalageri@ksit.edu.in	9916099905	
11	Mrs .Rashmi H	rashmih@ksit.edu.in	9731219890	
12	Mr.Laxmikanth	laxmikanthak@ksit.edu.in	9916714925	
13	Mr. Ramanjinamma	ramanjinammag@ksit.edu.in	9491836654	
14	Ms. Namyapriya D	namyapriya@ksit.edu.in	7795411195	
15	Mrs .SwapnaSubhashBanasode	swapnasb@ksit.edu.in	9620495879	
16	Mrs .Ramya R	ramyar@ksit.edu.in	9972863036	
17	Ms. GeethaKatti	geethakatti@ksit.edu.in	8123293585	CSD
18	Lakshmi K K	lakshmikk@ksit.edu.in	9449885472	AIML
19	Nagabhushan Pandarinath	nagabushanp@ksit.edu.in	8050126131	
20	Dr. Nagaprasad KS	nagaprasadks@ksit.edu.in	9945343463	Mech
21	Dr. Nirmala L	nirmalal@ksit.edu.in	9481425430	
22	Dr. Saleem Khan	saleemkhan@ksit.edu.in	9901646957	
23	Mr. Rajesh GL	rajeshgl@ksit.edu.in	9916468891	
24	Dr. Madhavi S	madhavis@ksit.edu.in	8792644923	Basic Science
25	Dr.Harisha S	Harish.ukkunda@gmail.com	8971160664	
26	Mrs. Sneha G Kulkarni	snehagkulkarni@ksit.edu.in	9036059859	

# SPEAKER DETAILS



## K.S.INSTITUTE OF TECHNOLOGY, BANGALORE

Department of Computer Science and Engineering

**Six Days Faculty Development on “Teaching, Learning  
& OBE Concepts”**

(21<sup>st</sup> September to 27<sup>th</sup> September)

### PROFILE DETAILS

**Name:** Dr. Joy Prabhakaran

**Designation:** Video Technology Consultant

**Organization:** Tata Elxsi

**Email:** CEO@CCIngest



### Short Biography:

- Dr. Joy Prabhakaran completed his B.Tech from IIT Kharagpur and MS from Michigan university.
- He started his professional career in the year 1989.
- He has worked for various organizations including C-DAC, Honeywell, Technicolor and Yahoo.
- He also spent almost ten years in managing his own company named Techline.
- In 2011, he left a full time job and begun studying for his PHD at IIT Bangalore.
- He completed his PhD in the year 2018.
- Worked as Professor at KSIT and an Adjunct Professor at IIIT- Bangalore.
- Dr Joy Prabhakaran is a Consultant to Tata Elxsi and also he is supporting many other companies.
- His present research work focuses on image and video technologies.



# K.S.INSTITUTE OF TECHNOLOGY, BANGALORE

Department of Computer Science and Engineering

**Six Days Faculty Development on “Teaching,  
Learning & OBE Concepts”**

(21<sup>st</sup> September to 27<sup>th</sup> September)

## PROFILE DETAILS

**Name:** Dr.Dilip Kumar K

**Designation:** Principal And Director

**Organization:** K.S. Institute of Technology

**Phone:**+91-94496 39120

**Email:** [principal@ksit.edu.in](mailto:principal@ksit.edu.in)



### Short Biography:

- Dr. Dilip Kumar K obtained his B.E Degree from Mangalore University in the year 1997.
- He pursued his masters degree in the field of “Advanced manufacturing Engineering” and obtained his Ph.D from prestigious deemed university NITK, Surathkal in “Prediction of Spring back & Thinning of Aluminium sheet metal during L bending operation” under the guidance of Prof. Appu Kuttan K.K in the year 2009.
- Dr. Dilip Kumar K received the Prestigious “**INDIAN ICON AWARD-2019**” for outstanding educationalist for contributing in Technical Training of Youth in Karnataka by Blind Wink, Bangalore, India.
- He has published 12 papers in national and 08 papers in international journals and presented papers in several international & national conferences.
- Dr. Dilip Kumar chaired many national and international conferences organized by various engineering institution in and around the country.
- He is the reviewer of international journal of polymer composites.
- He has authored book on Elements of Mechanical Engineering for first year BE students of VTU Belgaum and was published by Acme Learning’s, New Delhi.
- He is the member of local inspection committee (LIC) of Visvesvaraya Technological University (VTU) Belgaum for last three years.
- He is serving as BOE of NMAMIT, Nitte an autonomous institute under VTU, Belgaum.
- He is the governing council member of C Byre Gowda Institute of Technology, Kolar, K S School of Engineering and Management, Bangalore.
- Currently he is VTU nominee for N M institute of Technology, Karkala, Udupi District.
- Dr. Dilip Kumar is nominated as board of examiner VTU, Belgaum for the academic year 2014-15.



# K.S.INSTITUTE OF TECHNOLOGY, BANGALORE

Department of Computer Science and Engineering

**Six Days Faculty Development on “Teaching,  
Learning & OBE Concepts”**

(21<sup>st</sup> September to 27<sup>th</sup> September)

## PROFILE DETAILS

**Name:** Dr. V Krishna Murthy

**Designation:** Research Professor in Chemistry

**Organization:** Dayananda Sagar University



### Short Biography:

- Dr. Venkatappa Krishna Murthy obtained his BSc as well as MSc from Bangalore University in 1974 and 1977 respectively and PhD in Neurochemistry from NIMHANS in 1990.
- He served Indian Council of Medical Research (ICMR), Bengaluru from 1978 to 2003 as its Assistant Director and Head in the Division of Occupational Hygiene of Regional Occupational Health Centre.
- He worked as the Ford Foundation Chair Professor, Kathmandu University, Nepal from 2003 to 2007. From 2007 to 2020, he worked at PES University (formerly PES Institute of Technology), Bengaluru as Professor of Chemistry, Dean (Evaluation), Dean (Academic Affairs), Director of Centre for Medical & Environmental Biotechnology and Registrar. He is currently working as a Research Professor of Chemistry of Dayananda Sagar University, Bengaluru. H
- He has been a passionate teacher offering courses to UG, PG and Doctoral students in the areas of Chemistry, Biotechnology, Forensics, Environmental sciences, Research methodology, and Community medicine for MBBS students.
- He has authored 1 book. 3 book chapters and more than 110 research articles published in Journals and conferences of repute.
- He has supervised the theses of 12 candidates for award of PhD degree in addition to guiding about 126 UG/PG projects and completed 15 sponsored research projects.
- He filed 2 patents and registered a Trademark for PES Pebrine solution which was transferred to MeitY, Govt. of India.
- He has been a Certified Pesticide Residue Analyst of Ministry of Agriculture, Govt. of India and proposal reviewer of International Foundation of Science (IFS) Sweden which is a Research Grant Agency.
- He is a recipient of 6 state as well as national awards and a life member of 9 professional bodies. He joined Dayananda Sagar University (DSU) as Research Professor in Chemistry in June 2020.



# K.S.INSTITUTE OF TECHNOLOGY, BANGALORE

Department of Computer Science and Engineering

**Six Days Faculty Development on “Teaching, Learning  
& OBE Concepts”**

(21<sup>st</sup> September to 27<sup>th</sup> September)

## PROFILE DETAILS

**Name:** Dr. K. Venkateshwara Balaji

**Designation :** Professor and Chief Executive Officer

**Organization:** K.S Group of Institutions

**Phone:** +91 94490 11552

**Email:** [kva\\_balaji@yahoo.co.in](mailto:kva_balaji@yahoo.co.in)



## Short Biography:

- Holds a Doctoral degree from IIT Madras in Organizational Behavior.
- Worked as Professor & HOD of Mechanical Engineering in SJCE, Mysore.
- Worked as Registrar in Visvesvaraya Technological University, Belgaum.
- Areas of Research Interest: Organizational Behavior, Organizational Development, Soft Skills Development, Human Resources Management, Communication, Educational Research and Training.
- Guided eight students for their Doctoral Work and all of them have been awarded their Ph.D.
- Book Co-Authored: Elements of Mechanical Engineering for First year B.E. Students
- Member Secretary for the Committee set up by GOK to Study Examination Reforms.
- Worked as Member Secretary for Central Post Graduate Admissions Committee and have conducted PG CET Exams for GOK.
- Worked as Member Secretary for conducting State Level Employment Tests for selecting Diploma and Graduate Engineers for KPCL.
- AICTE and NBA expert for Affiliation and Accreditation
- Worked as Officer-in-Charge of Industry Institution Partnership Cell.
- Worked on an UNESCO sponsored project on Industry Institution Interaction in the State of Karnataka.



# K.S.INSTITUTE OF TECHNOLOGY, BANGALORE

Department of Computer Science and Engineering

**Six Days Faculty Development on “Teaching, Learning  
& OBE Concepts”**

(21<sup>st</sup> September to 27<sup>th</sup> September)

## PROFILE DETAILS

**Name:** Dr. Shekar

**Designation:** HOD – HR Specialization

**Organization:** K S School of Engineering and Management

**Phone:** +919886331199

**Email:** [mailshekarhs@gmail.com](mailto:mailshekarhs@gmail.com)



## Short Biography:

- **Dr. Shekar** is working as Professor and HOD – HR Specialization in the Department of Management Studies and Research Centre, K S School of Engineering and Management, Bengaluru.
- Shekar holds a Doctoral degree from Visvesvaraya Technological University, Belagavi, (BMSCE research centre) and his interests are in the domains having societal concerns. Currently he is guiding 3 scholars and 1 scholar has completed the research under his supervision.
- He is having 13 years of academic experience in the Human Resource domain and 2 years of corporate experience.
- He has published papers on Employee Engagement, Green Manufacturing, Block Chain, Corporate social responsibility, Human resource management in reputed journals such as the Turkish Journal of Computer and Mathematics Education (TJCME).
- He had worked as the centre coordinator of the GAT-Incubation Centre and the convener of the Entrepreneurship Development Cell which aims at nurturing entrepreneurship and innovation.
- He has received the best participant award in the 12 days FDP on Entrepreneurship organized by EDII, Ahmadabad held at Alvas college of Engineering, Moodbidiri.
- He has delivered talks on motivation and leadership in different forums (schools, colleges and corporate).
- He has organized several educative programs like Fests, Conclaves, Entrepreneurship Awareness Camps, ISR activities, Sports and Cultural activities in his previous colleges.
- He is also the life member of Bangalore Management Association.
- He has passion for teaching and his areas of interests are Human resource, Entrepreneurship and agriculture.



# K.S.INSTITUTE OF TECHNOLOGY, BANGALORE

Department of Computer Science and Engineering

**Six Days Faculty Development on “Teaching, Learning & OBE Concepts”**

(21<sup>st</sup> September to 27<sup>th</sup> September)

## PROFILE DETAILS

**Name:** Dr. S. Bhaskar,

**Designation:** Associate Dean

**Organization:** Kumaraguru Learning & Development Academy

**Phone:** 094435 – 78139

**Email:**



### Short Biography:

- A person with leadership traits to develop academic institutions and with a passion towards training, teaching, mentoring (students and faculty) and academic system building / standardization to meet accreditation requirements.
- Sir has 33 years of experience and working as associate Dean in Kumaraguru College of Technology (KCT), Coimbatore, Tamil Nadu
- Dr. Bhaskar Sir holds various positions at KCT namely

Head – Academic Regulations

Head – Office of PG Studies (of all PG Programs)

KCT Academic Council – Member Secretary

Head - Center for Academic Excellence

IUCEE – iGLOBE Coordinator

Head - Career Development Academy

Head - Educational Technology Centre

- Resource person for UGC-Human resource development center.
- Certified Master Trainer – Intel Teach to the Future certified trainer in All India Management Association (AIMA) Conducting Personality Development Programs for the past 24 years.
- He regularly conduct Development Programs for educational institutions and industries (conducted more than 1300 one day workshops)
- He has published 11 papers and author for 22 books on 14 topics related engineering ,management and personality development





# K.S.INSTITUTE OF TECHNOLOGY, BANGALORE

Department of Computer Science and Engineering

**Six Days Faculty Development on “Teaching, Learning  
& OBE Concepts”**

(21<sup>st</sup> September to 27<sup>th</sup> September)

## PROFILE DETAILS

**Name:** Dr. Manjunatha S

**Designation:** Professor

**Organization:** CMRU



### Short Biography:

- Manjunatha S is a MBA graduate with 18 years of valuable experience in diverse domains such as Insurance, Banking, IT sales, Retail and in teaching as well.
- Completed his Oracle CRM Functional consultant course from Oracle University.
- He is a Master Trainer, Mentor, Personality Development Coach and a Motivational Speaker.
- He believes that dedication and drive make you to achieve your goals. Self- exploration can lead to succeed in your professional and personal life.
- Sir holds Black belt in Karate,
- He studied in various places which made him agile enough to succeed.
- He submitted his Doctoral thesis, awaiting to defend the same.
- He is a State level ball badminton player. Able to create positive vibes in his workshops and guest lectures.
- Sir has organized training programs and workshops in the areas Leadership,
- Entrepreneurship & Innovation, Effective Communication, Public Speaking, Time
- Management, Team Building, Creativity and Presentation skills.
- Manjunatha S, is a Master Trainer with Accurise Consultancy Services, and at LAKSH Academy.
- Working as Assistant Professor at CMR Institute of technology, Bengaluru.
- Delivered guest lectures, conducted workshops for Corporates and various education institutes.



## K.S.INSTITUTE OF TECHNOLOGY, BANGALORE

Department of Computer Science and Engineering

**Six Days Faculty Development on “Teaching, Learning  
& OBE Concepts”**

(21<sup>st</sup> September to 29<sup>th</sup> September)

### PROFILE DETAILS

**Name:** Dr. Uma S V

**Designation:** Professor, ECE dept and Dean-First Year,

**Organization:** RNSIT



### Short Biography:

- Dr. Uma S V holds a Doctoral degree from Bangalore University and has 24 years in teaching and 1 yr in industry.
- Areas of research interest :- Communication, Networks, Network Security, Cryptography, UAVs, Computer Vision, Signal, Image & Video Processing.
- Two research scholars completed PHD under her guidance and 2 are pursuing.
- Published more than 12 Scopus Indexed Journals 18+ International conferences and 25+ National conferences.
- Received Best Paper awards more than 2 IEEE conferences and she conducted many corporate training programs.



## K.S.INSTITUTE OF TECHNOLOGY, BANGALORE

Department of Computer Science and Engineering

**Six Days Faculty Development on “Teaching, Learning  
& OBE Concepts”**

(21<sup>st</sup> September to 29<sup>th</sup> September)

### PROFILE DETAILS

**Name:** Dr. Swamy D R

**Designation:** Professor

**Organization:** JSSATE

**Phone:** +91 99000 05009

**Email:** drswamydr@gmail.com



### Short Biography:

- Holds a Doctoral degree from VTU.
- He is a seasoned academic leader with over three decades of extensive experience in research, industrial relations, learning management, academic quality, and outreach initiatives.
- He is a person who is motivated by results and skilled at developing plans to accomplish certain academic goals.
- Sir excels in the face of difficulties and shows a dedication to upholding the diplomacy while speaking with stakeholders about sensitive issues.
- Sir served as Professor in Industrial Engineering and Management at JSSATEB and serving as Board member of the Boiler Examination Board.
- Sir is expert in various courses: few among them are fluid mechanics, organizational Behavior, HRM, Manufacturing Process, Operation research and the list goes on.
- Under his supervision 10 research scholars have registered, out of them 8 are awarded their PHD and two are pursuing.
- Successfully obtained grants (Rs 2.5 crores) from esteemed funding agencies such as AICTE, DST, GOI, and GOK.

effective coordination skills.

# K.S.INSTITUTE OF TECHNOLOGY, BANGALORE

Department of Computer Science and Engineering

**Six Days Faculty Development on “Teaching,  
Learning & OBE Concepts”**

(21<sup>st</sup> September to 29<sup>th</sup> September)

## PROFILE DETAILS

**Name:** Dr. Ravichandra Karkal

**Designation:** Professor

**Organization:** Yenepoya Medical College

**Phone:** +91-7259459470

**Email:** ravichandrakarkal@yenepoya.edu.in



### Short Biography:

- Completed M.B.B.S in 2008 from Mysore Medical College and Research Institute, Mysore, Karnataka.
- M.D. Psychiatry in 2013 from Central Institute of Psychiatry, Ranchi, Jharkhand.
- Professor in Department of Psychiatry, Yenepoya University from December 2022-till date
- Associate Professor in Department of Psychiatry, Yenepoya University from August 2018- December 2022
- Assistant Professor in Department of Psychiatry, Yenepoya University from June 2013- August 2018.
- Consultant Psychiatrist at Yenepoya Specialty Hospital, Kodialbail, Mangalore from May 2020-till date
- President of Mangalore Psychiatric Society January 2023-till date.
- Member of Medical Education Unit, Yenepoya Medical College, Mangaluru from Nov 2017-till date.
- Member of Yenepoya Centre for Faculty Development from September 2020- April 2023.
- Secretary of Mangalore Psychiatric Society from July 2017- August 2018.
- Member of Combat Depression Task Force of IPS-KC2018-2019.
- Principal Investigator in a project titled "Identifying behavioral markers for mental wellbeing through digital phenotyping" in collaboration with MannkiHealth Services Pvt. Ltd.
- Co-investigator in project titled “Study of association between Valproic acid levels, biotinidase activity and hair loss in Indian population” funded by Indian Association of Private Psychiatry.
- Co-investigator in project titled “A pilot open label study of Acetazolamide as an adjuvant to antipsychotic treatment in patients with schizophrenia” funded by NIH, USA.
- Guided ICMR- STS project (Ref ID 2018-01181) titled “Explanatory models of depression in a rural community of coastal Karnataka”

## **SESSION – 1 DETAIL**

**TOPIC:** Registration and Inauguration and Key note address

**SCHEDULE:** 9.30 AM to 10.45 AM

### **Brief details about the session**

Faculty Development Program on Teaching, Learning and OBE Concepts organized for effective teaching and aims to ignite curiosity develop skills and inspire a love for learning. And also to impart an adequate knowledge of the subject- matter and enabling the faculties to acquire understanding of student psychology. FDP also focused on guidelines for setting of question paper, Proposal writing and funding agencies.

The event started with the welcome address by the Principal of KSIT Dr. Dilip Kumar K. and Chief Guest Dr. Gopalakrishna K address the gathering by sharing his experiences and how to handle the current generation.

### **Inaugural Function Agenda**

- |                 |   |   |
|-----------------|---|---|
| <b>9.30 AM</b>  | - | <b>Invocation</b>                               |
| <b>9.35 AM</b>  | - | <b>Lighting the Lamp</b>                        |
| <b>9-40 AM</b>  | - | <b>Welcome Address by Principal</b>             |
| <b>9-45 AM</b>  | - | <b>Address by Chief Guest</b>                   |
| <b>9-50 AM</b>  | - | <b>Presidential Address</b>                     |
| <b>9.55 AM</b>  | - | <b>Address by Hon. Secretary</b>                |
| <b>10.00 AM</b> | - | <b>Address by Hon. Treasurer</b>                |
| <b>10.05 AM</b> | - | <b>Address by CEO</b>                           |
| <b>10.10 AM</b> | - | <b>Vote of Thanks by Dr. Rekha B Venkatapur</b> |

## Few Glimpse from the Inaugural Session





**Bengaluru, Karnataka, India**

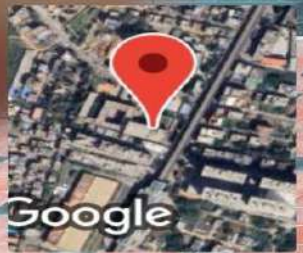
439, 18th Main Rd, BDA layout, Anjanapura 10th Block,  
Anjanapura Twp, Bengaluru, Karnataka 560083, India

Lat 12.853294°

Long 77.572679°

21/09/23 10:01 AM GMT +05:30

GPS Map Camera



**Bengaluru, Karnataka, India**

3504, 80 Feet Rd, Raghuvanahalli, Bangalore City Municipal  
Corporation Layout, Bengaluru, Karnataka 560062, India

Lat 12.879083°

Long 77.544963°

21/09/23 10:45 AM GMT +05:30

GPS Map Camera

**DAY 1: Session 2**

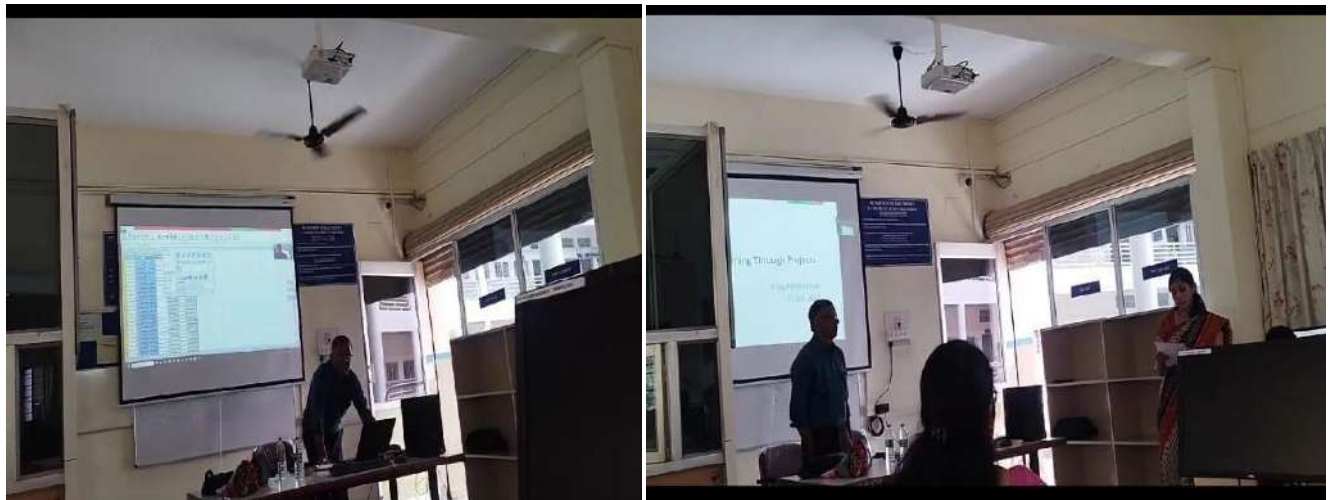
**Date:** 21/09/2023

**Speaker:** Dr. Joy Prabhakar

**Schedule:** 11AM to 12.30 PM

**Topic:** Learning through Projects

Discussed about the Project-based learning, which involves designing, developing, and constructing hands-on solutions to a problem.



**DAY 1: Session 3**

**Date:** 21/09/2023

**Speaker:** Dr. Dilip Kumar Principal, KSIT

**Schedule:** 1.30 PM to 3.00 PM

**Topic:** Management, Institutions, Vision and Mission & Role of a teacher in moulding students.

Discussed about the Institutions, Vision and Mission and motivated the faculties by sharing his teaching experience.





**DAY 2: Session 1**

**Date: 22/09/2023**

**Speaker: Dr Krishnamurthy, Professor, IISC Retd.**

**Schedule: 9.30 AM to 10.45AM**

**Topic: Attributes and guidelines for setting of question paper**



**DAY 2: Session 2**

**Date:** 22/09/2023

**Speaker:** Dr. K V A Balaji, CEO, KSGI

**Schedule:** 11.00 AM to 12.30 PM

**Topic:** Performance evaluation/ Self appraisal



**DAY 2: Session 3**

**Date: 22/09/2023**

**Speaker: Dr. Shekhar H.S, Professor, KSSEM**

**Schedule: 1.30 PM to 3.00 PM**

**Topic: Stress Management**



**Bengaluru, Karnataka, India**  
TOWER-4, DHAMMANAGI SUMO LEAVES, 27/2,  
Kanakapura Rd, Raghuvanahalli, Bangalore City Municipal  
Corporation Layout, Bengaluru, Karnataka 560062, India  
Lat 12.878979°  
Long 77.544919°  
22/09/23 02:20 PM GMT +05:30

**Bengaluru, Karnataka, India**  
TOWER-4, DHAMMANAGI SUMO LEAVES, 27/2, Kanakapura Rd,  
Raghuvanahalli, Bangalore City Municipal Corporation Layout,  
Bengaluru, Karnataka 560062, India  
Lat 12.878979°  
Long 77.544919°  
22/09/23 02:17 PM GMT +05:30

**DAY 3: Session 1**

**Date:** 23/9/2023

**Speaker:** Dr Bhaskar S, Prof, KCT

**Schedule:** 9.30 AM to 10.45AM

**Topic:** Outcome Based Education and CO-PO Attainment



**DAY 3: Session 2**

**Date:** 23/09/2023

**Speaker:** Dr Bhaskar S, Prof, KCT

**Schedule:** 1.30 PM to 3.00 PM

**Topic:** Outcome Based Education and CO-PO Attainment



**DAY 3:** Session 3

**Date:** 23/09/2023

**Speaker:** Dr. Bhaskar S, Prof, KCT

**Schedule:** 1.30 PM to 3.00 PM

**Topic:** Outcome Based Education and CO-PO Attainment



**DAY 4: Session 1**

**Date: 25/09/2023**

**Speaker: Dr Manjunath Professor, CMRU**

**Schedule: 9.30 AM to 10.45AM**

**Topic: Team building Activity**



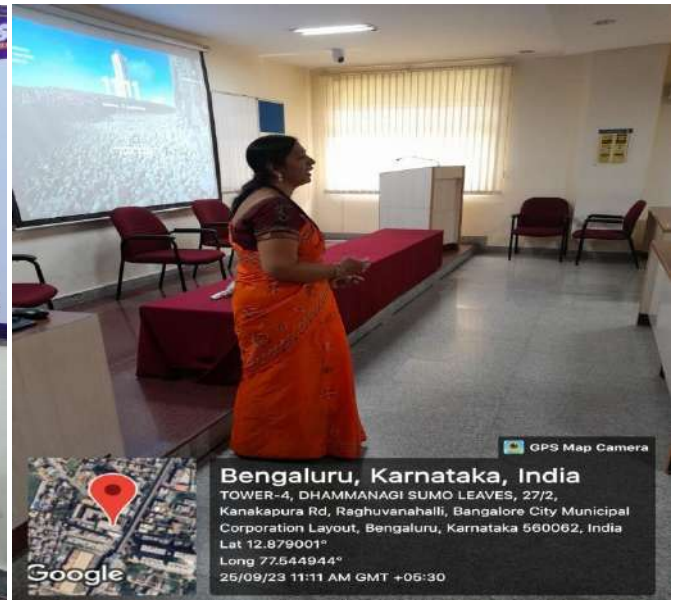
**DAY 4: Session2**

**Date: 25/09/2023**

**Speaker: Dr. Uma Professor RNSIT**

**Schedule: 11AM to 12.30PM**

**Topic: Art of Nurturing Personalities, Stress management and academic Writing**



**DAY 4: Session 3**

**Date: 25/09/2023**

**Speaker: Dr Swamy Prof, KSSEM**

**Schedule: 1.30 PM to 3.00 PM**

**Topic: Proposal writing and funding agencies**





**DAY 6**

**Date:** 27/09/2023

**Speaker:** Dr Ravichandra Karkala, Professor, Yenepoya Medical College

**Topic:** Training on Students mentoring



*Pme*  
Event Coordinator

*D. Venkatesh*  
HOD  
Head of the Department  
Dept. of Computer Science & Engg  
K.S. Institute of Technology  
Bengaluru - 560 109

*D. Venkatesh*  
Principal  
K.S. INSTITUTE OF TECHNOLOGY  
BENGALURU - 560 109.



**K.S. INSTITUTE OF TECHNOLOGY, BANGALORE – 560109**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**



## **3 Days Workshop on IMAGE PROCESSING WITH OPENCV**

**Date of Conduction: 30<sup>th</sup> October 2023 to 2<sup>nd</sup> November 2023**

**Venue: Seminar Hall New Block**

**Time: 9:00 AM to 3:00 PM**

**Duration: 3 Days**

**Sponsoring Bodies / Associating Organization: Computer Society of India (CSI)**

**Expert Details – with photo**



**Name:** Dr.Pradeep V Desai

**Designation:** Director of K. S Research and Innovation Foundation and Prof. of Computer Science and Engineering Department at KSIT.

**Organization:** KSIT

**Brief Profile about the Expert:** Dr. Pradeep V Desai has completed MBA in Computer Applications from Newport University, USA. Master in Electronics and Bachelor in Electronics & Communication. PhD in Computer Science and Engineering. Post-Doctoral in Symbolic Data Analysis and Neural Nets, at Dauphine University, Paris, France. Dr. Pradeep V Desai has over 30 years of experience comprising of Industry and Entrepreneurship. Sir is the Director of KS Research and Innovation Foundation and Prof.of Computer Science and Engineering Department at KSIT. Currently, He is setting up KS Research and Innovation Foundation for the KS Group



**Name:** Dr. Ganga Holi

**Designation:** Professor, CSE, KSIT, Bengaluru.

**Organization:** KSIT

**Brief Profile about the Expert:** Dr. Ganga Holi mam had completed B.E., M.Tech in CSE from VTU and completed PhD in 2013. She has over 27 years of experience in teaching and 2 years in industry with 16 years of experience in Research. Dr. Ganga Holi Mam has presented and published 45 research papers in International Journals and conferences. She has done 20 certifications in trending technologies and also delivered guest talks and conducted workshops and training for faculties and students.



**Name:** Dr. Prashantha H S

**Designation:** Professor, CSE, KSIT, Bengaluru.

**Organization:** KSIT

**Brief Profile about the Expert:** Currently serving as Professor CSE Department KSIT and previously served as Professor at NMIT, PESIT and EWIT (more than 21 years of experience). Graduated from ECE under BU, M. Tech from VTU and PhD from Anna University Chennai in 2012. Extensive experience in executing Teaching/Training courses related to the Signal Processing for Undergraduate (UG) and Post-Graduate (PG) Programs (Handled most of the courses, framed syllabus and contents in the domain).



**Name:** Dr. Vijayalakshmi Mekali

**Designation:** Professor & Head, AIML, KSIT, Bengaluru

**Organization:** KSIT

**Brief Profile about the Expert:** Currently serving as Professor & Head in AIML Department, KSIT. Dr. Vijayalakshmi Mekali has completed B.E, M. Tech in computer science and Engineering from VTU and completed PhD in CSE from VTU. Had 12 + years of teaching experience and 2 years of industry experience. she has presented and published 15 + papers in international and national journal and conferences. She had guided 5 projects at the master's level and 27 batches at UG level.



**Name:** Mr.Ravindranath K

**Designation:** Research Scholar

**Organization:** NIT, Trichy

**Brief Profile about the Expert:** Mr. Ravindranath has 10+ years of experience in the Research and academic profession, spearheading diverse teams and people who worked at NMIT and DBIT Bangalore. Bachelor of Engineering from

Vivekananda Institute of Technology, Master of Technology from RNS Institute of Technology Bangalore, and Pursuing Ph.D. (2019- Till date), National Institute of Technology Tiruchirappalli (Final stage of completion).



**Name:** Dr.Archana H R

**Designation:** Assistant Professor

**Organization:** BMSCE

**Brief Profile about the Expert:** Dr. Archana H R has completed BE, M.Tech in Electronics from VTU and completed PhD in VLSI, SOC from VTU. She

had 13 Years of Teaching experience and 1 year of industry experience. Dr. Archana has presented and published papers in 16 national and international conferences and journals of which one paper is a scopus indexed and yet another being published in Springer journal series.

**Description of the Event:** The 3 days workshop program was designed to address the 7<sup>th</sup> semester syllabus student projects domain along with research opportunities in various domain such as Image Processing, Machine Learning with hands-on demonstrations using OpenCV.

The workshop was inaugurated by the dignitaries such as Dr. K. V. A. Balaji - Chief Executive Officer K. S Group of Institution, Dr. Dilip kumar K -Principal & Director, KSIT, Dr. Rekha B Venkatapur - Head Department of CS&E KSIT

Dr.Pradeep Desai, Chairman Bengaluru chapter and Dr.Ganga Holi, Professor Department of CSE KSIT. The program was attended by 7<sup>th</sup> Sem CSE KSIT students.

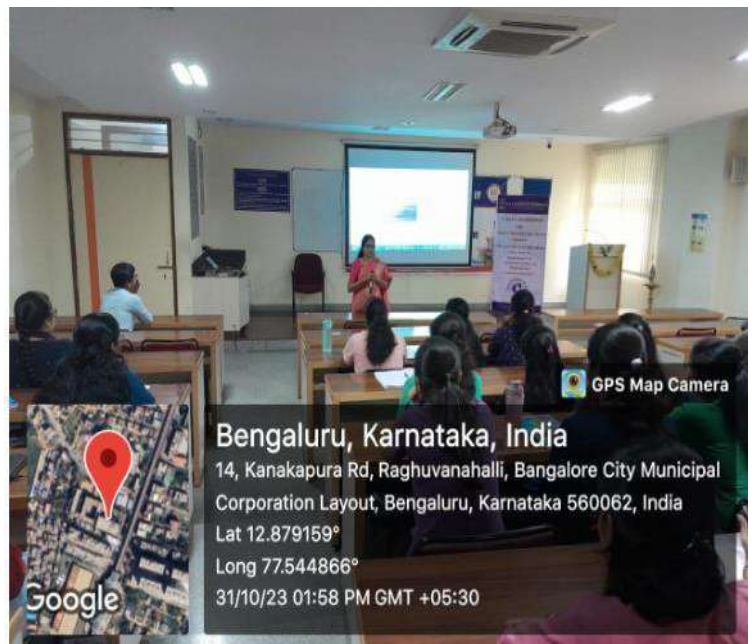
**Objectives / Key Highlights:** The objective of the workshop is to introduce the basic concepts of image processing, applications, and hands-on training using OpenCV. The workshop is designed to stimulate students' interest in the Image Processing domain by engaging them in a completely purpose-driven study environment with hands-on activities while fostering a sense of curiosity and accomplishment.

**Participant details - No. of Participants: 110**

**Students (internal/external): Nil**

**Faculty: Nil**

**Photos (Geo Tagged):**





**Outcomes / Benefits:**

EO#	EVENT OUTCOMES
EO1	Develop and implement algorithms for digital image processing.
EO2	Utilize image processing techniques in final year project ideas and for real-world object recognition applications.

**EO-PO Mapping**

EO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
EO1	2	2	2	-	2	2	-	-	-	2	-	2	2	2
EO2	2	2	2	-	2	2	-	-	2	2	-	2	2	2
	2	2	2	-	2	2	-	-	1	2	-	2	2	2

**Attachments:**

1. Communication with Resources person
2. Resources person Profile
3. Evaluation and Feedback
4. Budget and Expenditure Details/amount

**Coordinator Sign**

**HOD**

**Head of the Department**  
**Dept. of Computer Science & Engg**  
**K.S. Institute of Technology**  
**Bengaluru -560 109**

**Principal**  
**PRINCIPAL**

**K.S. INSTITUTE OF TECHNOLOGY**  
**BENGALURU - 560 109.**



**K.S. INSTITUTE OF TECHNOLOGY, BANGALORE – 560109**  
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**



## Workshop

on

### “Introduction to Experiential Learning using Virtual Labs”

**Date of Conduction: 6<sup>th</sup> February, 2024**

**Venue: DBMS laboratory, Old Block, 2<sup>nd</sup> Floor, KSIT and Online Laboratory, New Block, 4<sup>th</sup> Floor**

**Time: 2:00 PM to 3:30 PM**

**Duration: 1/2 Day**

**Sponsoring Bodies / Associating Organization: National Institute of Technology Karnataka, Surathkal, Mangaluru, India – 575025.**

#### Participating Institutes



#### Resource Person Details – with photo



**Name: Ms. Vismaya M Kumar**

**Designation: Senior Research Fellow, NITK.**

**Organization: National Institute of Technology Karnataka, Surathkal, Mangaluru, India – 575025.**

**Brief Profile about the Expert/ Resource Person:** Vismaya M Kumar has Master of Technology in Telecommunication from Mar Baselios College of

Engineering and Technology, Trivandrum, and she is currently working as a Senior Research Fellow at NITK. She is one of the key resource persons of Outreach and Development team from the Virtual Labs team at NITK Surathkal.



**Name:** Ms. Anusha B Salian

**Designation:** Junior Research Fellow, NITK.

**Organization:** National Institute of Technology Karnataka, Surathkal, Mangaluru, India - 575025

**Brief Profile about the Expert/Resource Person:** Anusha B Salian is currently working as Junior Research Fellow (Front-End Developer) with 6.5+ years of Experience in developing user interfaces through HTML, JavaScript, and CSS. She is one of the key resource persons of Outreach and Development team from the Virtual Labs team at NITK Surathkal.



**Name:** Ms. Akshaya

**Designation:** Junior Research Fellow, NITK.

**Organization:** National Institute of Technology Karnataka, Surathkal, Mangaluru, India - 575025

**Brief Profile about the Expert:** Akshaya is currently working as Junior Research Fellow at Center for Systems Design NITK, Surathkal. She is having proficient technical skills and ability to practically demonstrate the computer solvable tasks. She is one of the key resource persons of Outreach and Development team from the Virtual Labs team at NITK Surathkal.

**Description of the Event:** The half a day workshop, titled “Introduction to Experiential Learning using Virtual Labs” in association with NITK Surathkal is a part of outreach of Virtual Labs, An MoE Govt. of India, to promote their adoption as a valuable tool for experiential learning. This workshop is designed to serve as a learning platform for practice-oriented subject areas. It aims to facilitate learning in engineering and sciences through experimentation in a virtual environment, allowing learners to proceed at their preferred pace, place, and time. This hands-on experience is integral to the effective utilization of these resources for virtual-remote experimentation and learning.

This workshop was organized for 5<sup>th</sup> semester CSE students and faculties. Three key resource persons from NITK outreach team with the assistance of teaching and supporting staff of CSE department imparted and demonstrated on how to use the tools and conducted the experiments on different areas covered by Virtual Labs, the experiments are designed and implemented by the esteemed and premier participating institutes



across India. Students were encouraged to explore, conduct various computer related labs of CSE and ECE streams experiments and analyze their output.

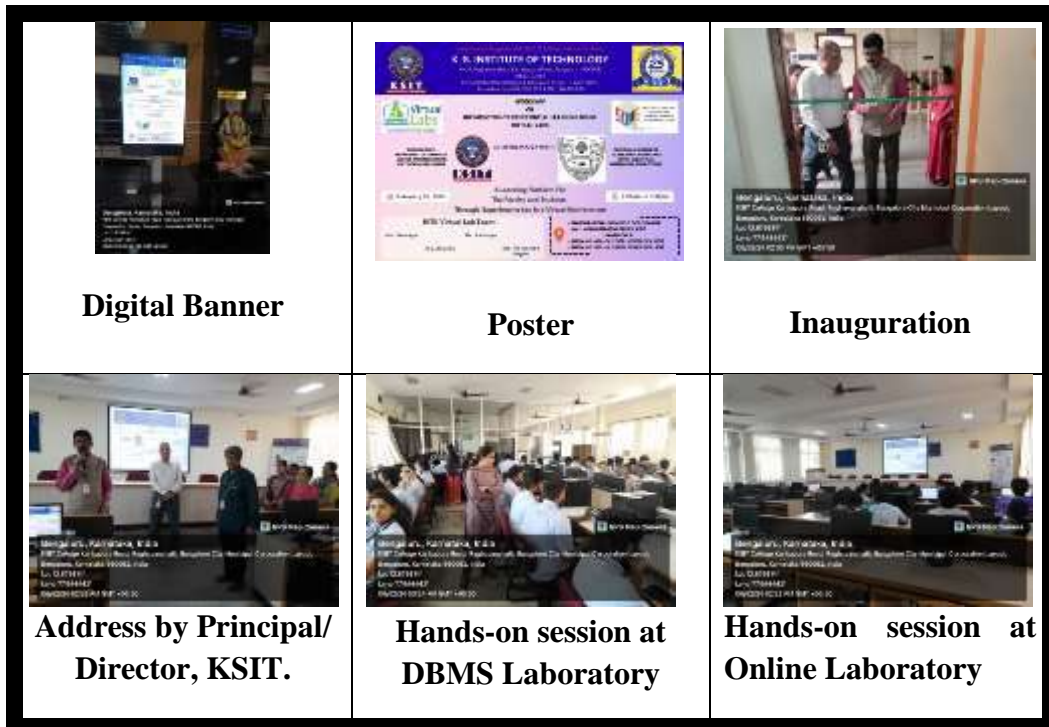
The workshop was inaugurated by Dr. K. V. A. Balaji - Chief Executive Officer K. S Group of Institution, Dr. Dilip Kumar K -Principal & Director, KSIT, Dr. Rekha B Venkatapur - Head of the Department, CS&E KSIT, Mr. Harshavardhan J.R, Associate Professor, Department of CS&E and Nodal Coordinator, KSIT, along with Ms. Vismaya M Kumar, Ms. Anusha B Salian, and Ms. Akshaya, the key resource persons from NITK. The program was attended by 5<sup>th</sup> Semester CS&E KSIT students.

**Objectives / Key Highlights:**

1. Access remotely to simulation-based Labs in various disciplines of Science and Engineering.
2. To enthuse students to conduct experiments by arousing their curiosity. This would help them in learning basic and advanced concepts through remote experimentation.
3. Utilize a complete Learning Management System around the Virtual Labs where the students/ teachers can avail the various tools for learning, including additional web-resources, video-lectures, animated demonstrations and self-evaluation.

**Participant details - No. of Participants: 120**  
**Students (internal/external): Internal-118**  
**Faculty: Internal-2**

**Photos (Geo Tagged):**



**Outcomes / Benefits:**

EO#	EVENT OUTCOMES
EO1	Learn basic and advanced concepts of Engineering using simulation-based labs through remote experimentations.
EO2	Utilize Virtual Labs Learning Management Systems for learning through animated demonstrations and self-evaluation.

**EO-PO Mapping**


EO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
EO1	2	2	2	-	2	2	-	-	-	2	-	2	2	2
EO2	2	2	2	-	2	2	-	-	2	2	-	2	2	2
	2	2	2	-	2	2	-	-	1	2	-	2	2	2

**Attachments:**

1. **Communication with Resources Person**
2. **Workshop Report**
3. **Attendance Record**
4. **Feedback Form**
5. **Expenditure**



**J.R.HARSHAVARDHAN**  
Name and Signature of  
Coordinator



Head of the Department  
Dept. of Computer Science & Engg.  
K.S. Institute of Technology  
Bengaluru - 560 109

**HoD CSE**



PRINCIPAL  
PRINCIPAL  
K.S. INSTITUTE OF TECHNOLOGY  
BENGALURU - 560 109

**Principal**



Virtual  
Labs

An MoE Govt of India Initiative

### ATTENDANCE RECORD

Institute: K.S. INSTITUTE OF TECHNOLOGY, R'LU&U-109

Workshop Date: 6/2/2024

Workshop Type (Online/Offline): Offline.

Sl. No.	Name (in Capital letter)	Roll No.	Department
01	POOJITHA M.V	1KS21CS071	CSE
02	Spandana.M	1KS22CS415	CSE
03	Sheetal.R	1KS21CS091	CSE
04	POOJA.B	1KS21CS070	CSE
05	NAGASHREE.A	1KS21CS060	CSE
06	Shamitha.P	1KS21CS088	CSE
07	NOOR ZAHIDA	1KS21CS068	CSE
08	PRIYANKA.V.	1KS21CS074	CSE
09	Varun Sai V	1KS21CS112	CSE
10	RUSHIKESH B	1KS21CS083	CSE
11	SURESH.C	1KS21CS103	CSE
12	Ravi Tej.K	1KS21CS087	CSE
13	Ashwina.B.N	1KS22CS402	CSE
14	Lakshorneeth.MV	1KS22CS406	CSE
15	YASHAS.D.GOWDA	1KS21CS117	CSE
16	SUMAN B.S.	1KS21CS079	CSE
17	NAGADARSHAN RP	1KS21CS063	CSE
18	VIBHA GOVIN.S	1KS21CS113	CSE
19	VIJETHA.S	1KS21CS114	CSE

Sl. No.	Name (in Capital letter)	Roll No.	Department
01	DHANALAKSHMI.P	1KS20CS404	CSE
02	AISHWARYA G	1KS21CS010	CSE
03	MAYA	1KS21CS060	CSE
04	Kunapatti Laxya Sree	1KS21CS052	CSE
05	Madhu Sneha Sree S.	1KS21CS055	CSE
06	HARSHITHA R	1KS21CS035	CSE
07	HARSHITHA P	1KS21CS034	CSE
08	NIDHI R.	1KS21CS120	CSE
09	ARBEENA FARHEEN	1KS22CS401	CSE
10	Ashwini	1KS21CS017	CSE
11	Archana.P	1KS21CS014	CSE
12	Kavana.N	1KS21CS048	CSE
13	L.Lavanya	1KS21CS053	CSE
14	Harshitha K M	1KS21CS033	CSE
15	ASHA. H.P	1KS21CS016	CSE
16	Soundarya K.S	1KS22CS419	CSE
17	Shivakumar.R	1KS20CS413	CSE
18	Harshitha.S	1KS21CS036	CSE
19	B.G. PRAJIAL	1KS21CS018	CSE
20	Prasanna.S	1KS21CS025	CSE
21	Abhiram.K	1KS21CS004	CSE
22	NAVEENKUMAR B	1KS22CS411	CSE
23	Kanishk E.R	1KS21CS045	CSE
24	Charishma.A.	1KS21CS022	CSE
25	Harithika V	1KS21CS039	CSE
26	Jibani.V.G	1KS21CS040	CSE
27	Ananya Prasad	1KS21CS012	CSE
28	Bhanu.B	1KS21CS020	CSE
29	Iman Ghosai	1KS21CS041	CSE
30	Mousami Kumar	1KS21CS059	CSE





An MoE Govt of India Initiative

**ATTENDANCE RECORD**

Institute: K.S. INSTITUTE OF TECHNOLOGY, B'LRU-109

Workshop Date: 6/2/2024

Workshop Type (Online/Offline): offline.

Sl. No.	Name (in Capital letter)	Roll No.	Department
1	KEERTHIKA.S	1KS21CS050	CSE
2	DEEPTHI A.B	1KS21CS026	CSE
3	ADITHI S REDDY	1KS21CS007	CSE
4	ADITHI R	1KS21CS006	CSE
5	JAHNAVI.P	1KS21CS042	CSE
6	KARTHIK.H.N	1KS21CS046	CSE
7	ADITYA.V.	1KS21CS018	CSE
8	VAIBHAV NAYAK	1KS21CS054	CSE
9	Arthan M Gowda	1KS21CS015	CSE
10	Arijun Bhanadwaj	1KS21CS019	CSE
11	Gopala Krishna V	1KS21CS031	CSE
12	DHRUTHI UMESH.S	1KS21CS027	CSE
13	GAANA.S	1KS21CS029	CSE
14	AKSHAY VIVEKANANDA V	1KS21CS011	CSE
15	ABHIRAM YS	1KS21CS005	CSE
16	Gagan Shivanna	1KS21CS030	CSE
17	Guru Prasad Y.S	1KS21CS032	CSE
18	Abhibha.V	1KS21CS003	CSE
19	Hemant Kumar.V	1KS21CS038	CSE

Sl. No.	Name (in Capital letter)	Roll No.	Department
20.	SWARUP R KOWSHIK	1KS21CS105	CSE
21.	SANTHOSH K.A	1KS21CS087	CSE
22	RASHMI B. PHULARI	1KS21CS079	CSE
23	NAREN RAKSHITH K.V	1KS21CS065	CSE
24	N.SHIVSARAN	1KS21CS066	CSE
25	SRINIDHI M	1KS21CS098	CSE
26	POOJITHA R	1KS21CS072	CSE
27	REDDY TEJASWINI A	1KS21CS082	CSE
28	UJWAL M.L	1KS21CS107	CSE
29	RAVEESH PRASAD M	1KS21CS080	CSE
30.	SHEETAL NAIK	1KS21CS089	CSE
31.	SHANDA KUMAR HS	1KS21CS095	CSE
32.	Soujanya N	1KS21CS097	CSE
33.	Shruthi G	1KS21CS090	CSE
34	Ruthu M.R	1KS21CS084	CSE
35.	Sindhu Megha	1KS21CS094	CSE
36	VM Tejus	1KS21CS108	CSE
37	OMAR A.M	1KS21CS069	CSE
38	RAKSHITHAD.H	1KS21CS070	CSE
39	MONIKA D	1KS21CS061	CSE
40	SUNIDHI P.	1KS21CS102	CSE
41	VISHAL KAMAN	1KS21CS116	CSE
42	SAMRAT SINGH	1KS21CS086	CSE
43	SHOEB AHMED	1KS21CS092	CSE
44	SAGAR S.N	1KS21CS085	CSE
45	ABHISHEK S	1KS22CS400	CSE
46	Shreyas C	1KS21CS093	CSE
47	N Vidyasagar	1KS21CS062	CSE
48	Harsha R.	1KS21CS076	CSE

Sl. No.	Name (in Capital letter)	Roll No.	Department
49	NIMHIL KV	1KS21CS067	CSE
50	VILAS .V	1KS21CS115	CSE
51	SUMUKHA.S.BHARADWAJ	1KS21CS101	CSE
52	MANOHARI .S	1KS22CS409	CSE
53	TEJASHREE GOWDA Y.K	1KS21CS106	CSE
54	VANISHREE	1KS21CS110	CSE
55	VARSHA .H.R	1KS21CS111	CSE
56	SUMEDHA .R	1KS21CS100	CSE
57	R. AISHWARYA	1KS21CS075	CSE
58	LAYA .R	1KS22CS407	CSE
59	RAKSHITA G S	1KS21CS077	CSE
60	VEDASHREE .S	1KS22CS416	CSE
61	VAISHALI BHOSLE	1KS21CS109	CSE

S. R. H. (J. L. PARSHAVARAOHAR)  
Nodal Coordinator  
Signature

Head of Institute/ Principal  
Signature  
PRINCIPAL  
K.S. INSTITUTE OF TECHNOLOGY  
BENGALURU - 560 109.

Scanned with OKEN Scanner

#### 4. FEEDBACK FORM





## Report on "Blockchain and Web3 - Building with Krypcore web3.0"

The seminar commenced with a ceremonious inauguration that set the stage for an enlightening discourse on the innovative realms of blockchain and Web3 technologies. The HOD of Computer Science & Design Dr. Deepa S R, graciously extended a warm welcome to the esteemed speaker and the adept team from Krypcore Technologies. The introduction of Mr. Bharatharaj Babu and his colleagues was marked by an overview of their profound expertise and contributions to the field, elucidating their roles in shaping the digital infrastructure of tomorrow.

**Date and Time:** The seminar took place on 19th February 2024, starting at 10:30AM.

**Venue:** Conference Hall.



*During welcomed & brief introduction of Team members from Krypcore Technologies*

### OBJECTIVE:

The primary goal of this seminar was to enlighten Computer Science and Design students, particularly those in their 3rd and 5th semesters, about the transformative potential of blockchain technology and the emerging paradigm of Web3. It aimed to provide a comprehensive introduction to the foundational concepts of blockchain, including its basic cryptographic mechanisms and consensus protocols, and explore the development, deployment, and implications of smart contracts.



**Bengaluru, Karnataka, India**  
 TOWER-4, DHAMMANAGI SUMO LEAVES, 27/2, Kanakapura Rd, Raghuvanahalli, Bangalore City  
 Municipal Corporation Layout, Bengaluru, Karnataka 560062, India  
 Lat 12.878996°  
 Long 77.644949°  
 19/02/24 11:00 AM GMT +05:30

*Glimpse during delivery from Speaker Mr. Bharatharaj Babu*



**Bengaluru, Karnataka, India**  
 64, 6th Cross Rd, Manjunatha Layout, Raghuvanahalli,  
 Subramanyapura, Bengaluru, Karnataka 560062, India  
 Lat 12.880884°  
 Long 77.545145°  
 19/02/24 10:56 AM GMT +05:30

**Bengaluru, Karnataka, India**  
 14, Kanakapura Rd, Raghuvanahalli, Bangalore City, Municipal  
 Corporation Layout, Bengaluru, Karnataka 560062, India  
 Lat 12.879151°  
 Long 77.544798°  
 19/02/24 11:27 AM GMT +05:30

*Engrossed audience attentively listens to Mr. Bharatharaj Babu*

Mr. Bharatharaj Babu started with the basics, explaining blockchain as a decentralized ledger technology that enables secure, transparent, and tamper-proof transactions. He covered key cryptographic principles like public and private keys, hashing, and their role in ensuring transaction security.

He elaborated on consensus protocols, comparing Proof of Work (PoW) and Proof of Stake (PoS), and explained how these mechanisms help maintain the integrity and trustworthiness of transactions without a central authority.

**Web3: Use Cases and Trends:** The seminar delved into the essence of Web3 as the next internet phase, focused on decentralization and user empowerment. Mr. Babu discussed emerging trends like Decentralized Finance (DeFi), Non-Fungible Tokens (NFTs), and decentralized autonomous organization (DAO), providing insights into how these innovations are reshaping online interactions and transactions.

**Krypcore Web 3.0 (Intro & Feature):** An Introduction to Krypcore Web 3.0 was provided, highlighting its suite of tools designed to facilitate web3 application development. Features such as user-friendly interfaces for block chain interaction, smart contract development tools and integration capabilities with various block chain networks were emphasized.

**Conclusion and Q&A Session:** The seminar concluded with a Q&A session, where Mr. Bharatharaj Babu addressed the student's queries, further clarifying complex topics and encouraging them to explore the opportunities presented by block chain and web3 technologies.

This seminar, aimed at budding engineers, not only broadened their understanding of key technological innovations but also equipped them with practical skills and knowledge to navigate the evolving digital landscape.



*Computer Science and Design 3<sup>rd</sup> and 5<sup>th</sup> semester students with Krypcore technologies team*

EO#	EVENT OUTCOMES
EO1	Understand Blockchain and Web3 Concepts
EO2	Apply smart contract tools in demonstrating their practical applications in a controlled environment.
EO3	Analyze industry impacts to assess and critique the influence of blockchain and web3 on various business sectors.

### CO/PO & PSO MAPPING

CO/PO & PSO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO1	PSO2
EO1	3	-	2	2	2	2	1	2	1	2	1	3	3	2
EO2	3	-	3	1	3	1	1	2	2	2	2	3	3	3
EO3	2	3	2	3	1	3	2	2	2	3	2	2	2	2

3	Substantial (High) Correlation
2	Moderate (Medium) Correlation
1	Slight (Low) Correlation
-	No Correlation

PO's Attained: PO1, PO2, PO6, PO7, PO8, PO9, PO10, PO12  
 PSO'S Attained: PSO1, PSO2

  
 Chief-Coordinator  
 CSD, KSIT

  
 HOD  
 CSD, KSIT  
 Head of Department  
 Computer Science & Design  
 K.S. Institute of Technology,  
 Bengaluru - 560 109.

  
 Principal  
 KSIT  
 PRINCIPAL  
 K.S. INSTITUTE OF TECHNOLOGY  
 BENGALURU - 560 109.

**K.S INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF COMPUTER SCIENCE AND DESIGN**  
**BLOCK CHAIN AND WEB3-BUILDING WITH KRYPCORE WEB 3.0**  
**Vth SEM STUDENT LIST**

Date: 19/02/2024

SL.NO	USN.NO	NAME	SIGNATURE
1	1KS21CG003	Abhilasha Patil	
2	1KS21CG004	Anagha Shastry	
3	1ks21CG005	Ankitha Devlokam	
4	1KS21CG009	Bharath r	
5	1KS21CG011	Challa Deepika	
6	1KS21CG014	Deepthi G B	
7	1KS21CG015	Dhanush B K	
8	1KS21CG016	Divya T	
9	1KS21CG017	G Pradeep	
10	1ks21CG019	Govind	
11	1KS21CG021	Karthik C S	
12	1KS21CG022	Keerthana lokesh	
13	1ks21CG023	Keerthana	
14	1KS21CG024	Keerthana. S. D	
15	1KS21CG026	Kusum Pakira	
16	1KS21CG028	Neha MR	
17	1KS21CG030	Pavithraa G	
18	1KS21CG031	Prateek ch	
19	1KS21CG032	Preetham HV	
20	1KS21CG033	R.Sai Prakash	
21	1KS21CG034	Riya Nair	
22	1KS21CG035	Sanjana sreenivas	
23	1KS21CG036	SANJANA V	
24	1KS21CG038	Sathya Sai Sri B S	
25	1KS21CG039	Savya shree S	
26	1KS21CG040	Shalini B	
27	1KS21CG042	Shivani Adhikari	
28	1KS21CG043	Shreyas g	
29	1KS21CG045	Shrusti K Raj	
30	1KS21CG047	Sumana R	
31	1KS21CG048	sumanth v shet	
32	1KS21CG054	Varshitha S	
33	1KS21CG055	Varshitha Sridhar	
34	1KS21CG056	Vidheesha TM	
35	1KS21CG057	Vignesh	
36	1ks21CG059	yeddupalli Sahithi	
37	1ks21CG059	Yeddupalli Sahithi	
38	1ks22CG400	Arun . A	
39	1KS22CG401	Chandrasekar A	
40	1KS22CG402	MAYURGANAPATI S BADGERI	
41	1KS22CG403	K S NANDISH	
42	1KS22CG404	Purushotham v.mitti	
43	1ks22CG408	Sushil waghmare	

44 1KS21CG002 Abdus

45 1KS21CG058 Vignesh

46 1KS21CG053 Vishwanath

Head of the Department  
 Computer Science & Design  
 K.S. Institute of Technology  
 Bengaluru - 560 109.

**K.S. INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF COMPUTER SCIENCE AND DESIGN**  
**BLOCK CHAIN AND WEB3-BUILDING WITH KRYPCORE WEB 3.0**  
**IIIrd SEM STUDENT LIST**

Date: 19/02/2024

SL.NO	USN.NO	NAME	SIGNATURE
1	1KS22CG004	P Anudeep	
2	1KS22CG012	Deeksha c	
3	1KS22CG007	Chaitra P	
4	1ks22CG009	CHARVITA Rao pavar	
5	1KS22CG011	Dayanidhi s	
6	1KS22CG027	MAHMOOD ZAYAAN KHAN NIZAM	
7	1KS22CG030	Manoj K.	
8	1KS22CG054	Vinayakk Prabhu	
9	1ks22CG041	Saakshi V Jatti	
10	1ks22CG042	Sai kiran k	
11	1KS22CG043	Shashan	
12	1KS22CG044	Shishir s dheep	
13	1KS22CG047	Shrisha Joshi	
14	1KS22CG047	Shrisha Joshi	
15	1KS22CG049	Srnidhi N	
16	1KS22CG053	Triya H	
17	1KS22CG055	Umesh.L	
18	1KS22CG057	Vaishnavi A	
19	1KS22CG058	Venu Prasad A	
20	1KS22CG058	Venu Prasad A	
21	1ks22CG059	Vibha datta	

- 22 1ks22CG051 Srushti
- 23 1ks22CG056 Bindu shree V
- 24 1KS22CG003 Anika S
- 25 1KS22CG038 pranathi M.G
- 26 1KS22CG038 Manasa . R
- 27 1KS22CG018 Himanshu sharma Himanshu
- 28 1KS22CG034 Nimesh K Singh
- 29 1KS22CG004 Anshu K
- 30 1KS22CG016 Harshitha . P
- 31 1KS22CG025 madhusree
- 32 1KS22CG025 Anusha P R
- 33 1KS22CG014 Ma E Durga Maitri
- 34 V. Pallavi
- 35 1KS22CG045 S/Pravani
- 36 1KS22CG040 Saniya
- 37 1KS22CG050 Shrinikethy
- 38 (KS22CG051) Manoj . S

Head of the Department,  
 Computer Science & Design  
 K.S. Institute of Technology  
 Bengaluru - 560 109.

# Computational and Data Sciences (CDS) Department

## Navigating the Frontiers of Computational Science with KSIT Enthusiasts

### Introduction:

As KSIT enthusiasts, our exploration continued into the Department of Computational and Data Sciences (CDS) at IISc Bangalore. This department played a pivotal role in shaping our experience at the Open Day, offering a diverse range of events, demonstrations, and discussions that showcased its interdisciplinary expertise.

### Events and Competitions:

As representatives from KSIT, we actively participated in the engaging events and competitions organized by CDS, including:

- **Bits-Blitz:** Quizzes in Computer and Data Science that tested our knowledge.
- **Coder's Grand Prix:** Fun and thrilling programming challenges that ignited our coding enthusiasm.
- **Three-Minutes-Thesis:** Lightning-speed project presentations, providing a snapshot of ongoing research.



Figure 5: CDS LAB

**Keynotes:**

Distinguished speakers from academia and industry delivered talks on exciting topics in Machine Learning, Artificial Intelligence, and Computational Sciences. These talks deepened our understanding and sparked insightful conversations among us KSIT enthusiasts.

**Demos and Labs:**

The various labs under CDS opened their doors for interactions, discussions, and thematic demonstrations. As representatives from KSIT, we explored labs such as ATCG, BCL, CSL, DREAM, and others, gaining valuable insights into cutting-edge research.



Figure 6: The First Hard Disk

In the subsequent pages, we will explore the specific events, demos, and competitions conducted by CDS, providing a closer look at the department's contributions through the lens of KSIT enthusiasts.



## Computational and Data Sciences (CDS) - Continued

### A KSIT Perspective on the Wonders of CDS Labs and Demos

#### Lab Demos:

As KSIT enthusiasts, the Open Day allowed us to interact with various labs, each focusing on unique aspects of computational and data sciences. Notable labs included:

- **BioMed IA:** Showcasing advancements in Biomedical Image Analysis.
- **CSPL:** Investigating Computational & Statistical Physics.
- **DREAM:** Exploring Distributed Research on Emerging Applications & Machines.
- **VAL:** Vision and AI Lab, delving into cutting-edge research in computer vision.

#### Events and Competitions - Highlights:

- **Bits-Blitz:** Engaging quizzes tested our knowledge in computer and data science.
- **Coder's Grand Prix:** Thrilling programming challenges catered to our coding interests.
- **Three-Minutes-Thesis:** Researchers presented their projects with brevity and precision, leaving a lasting impact on us KSIT enthusiasts.



Figure 7: CSPL LAB

**Keynotes and Demos:**

Distinguished speakers provided valuable insights into the latest trends in Machine Learning, Artificial Intelligence, and Computational Sciences. Thematic demonstrations further elucidated complex concepts, providing a comprehensive understanding.

In the subsequent pages, we will delve into the initiatives of the Department of Computer Science and Automation (CSA) showcased during the Open Day, offering a unique KSIT perspective.

# Department of Computer Science and Automation (CSA)

## A KSIT Expedition Through the Technological Odyssey of CSA

### Introduction:

Our exploration continued into the Department of Computer Science and Automation (CSA) as KSIT representatives. This department welcomed KSIT students, science enthusiasts, and the public during the IISc Bangalore Open Day, offering a unique showcase of technological initiatives and activities.

### Lab Demos and Quizzes:

As KSIT enthusiasts, we actively participated in the diverse range of activities offered by CSA, including:

- **Lab Demos:** Gaining insights into ongoing research, cutting-edge technologies, and innovative projects within the department.
- **Quizzes:** Testing our knowledge and understanding of computer science and automation through engaging quiz sessions..

### Hackathon, Coding Competition, and Keynote Talks:

Being tech enthusiasts from KSIT, we actively participated in events that catered to different interests:

- **Hackathon:** Collaboratively solving challenges and showcasing our coding skills.
- **Coding Competition:** Testing our coding prowess in a thrilling and competitive environment.
- **Keynote Talks:** Gaining insights from distinguished speakers on emerging trends in computer science and automation.



Figure 8: Seminar on Computational Capabilities of Param Pravega

### **Kids Zone and Interactive Sessions:**

As representatives from KSIT, we appreciated the inclusive nature of CSA's offerings, including:

- **Kids Zone:** Fun activities tailored for younger participants, making science accessible and enjoyable for children.

**Interactive Sessions:** Opportunities for us, KSIT students, to engage with researchers, professors, and students, fostering a dynamic environment of knowledge exchange

In the subsequent pages, we will delve into the specific technologies, projects, and initiatives presented by CSA during the Open Day, offering a comprehensive understanding of the department's contributions through the lens of KSIT enthusiasts.

## Navigating Technological Frontiers: A KSIT Showcase by CSA

### Lab Demos and Innovative Projects:

As KSIT enthusiasts, our visit to CSA's lab demos provided a firsthand look into ongoing research and technological innovations. Notable projects included:

- **3D Printing of Concrete:** A demonstration showcasing advancements in additive manufacturing for construction applications.
- **Membrane Separation Technologies:** Exploring cutting-edge techniques in membrane technology with practical demonstrations.
- **Poster Presentations:** Showcasing a myriad of research projects, providing a visual representation of CSA's contributions to the academic community.

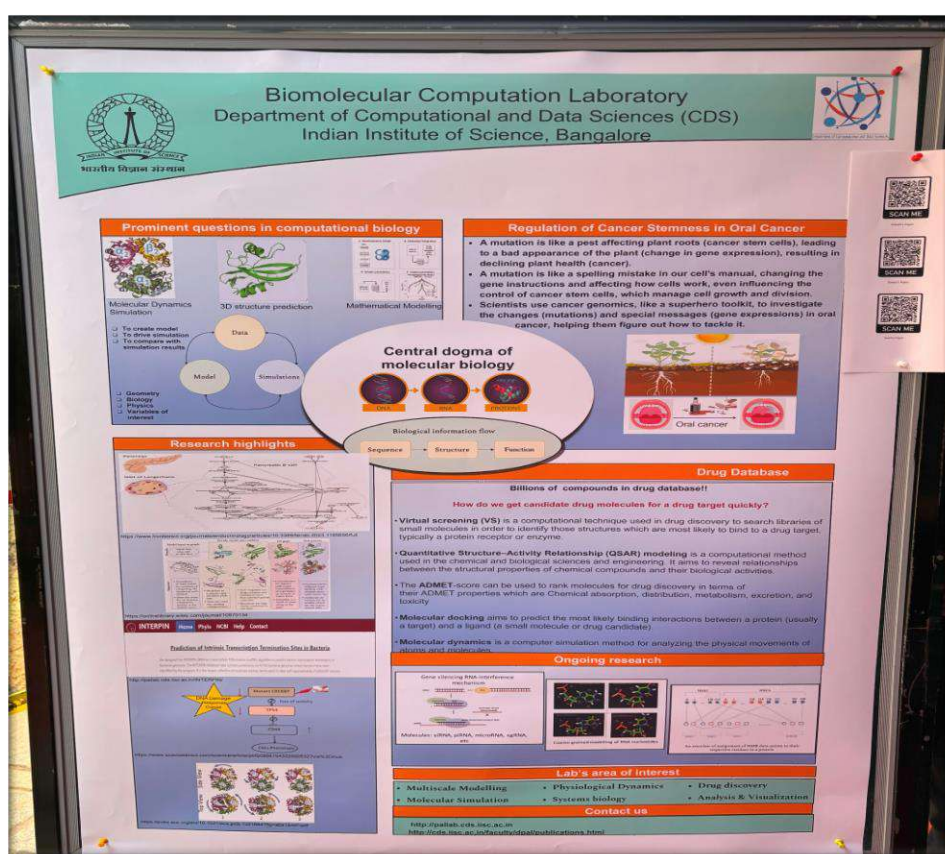


Figure 9: Biomolecular Computation Laboratory, Paper Presentation

### Quizzes and Competitions:

- **Quizzes:** As representatives from KSIT, we actively engaged in quizzes covering various aspects of computer science and automation, fostering a spirit of friendly competition.
- **Hackathon and Coding Competition:** Our participation showcased our skills and problem-solving abilities in these exciting and challenging competitions.

### Keynote Talks:

As KSIT students, distinguished speakers from academia and industry shared their expertise in keynote talks, offering valuable insights into emerging trends, challenges, and opportunities in the field of computer science and automation.

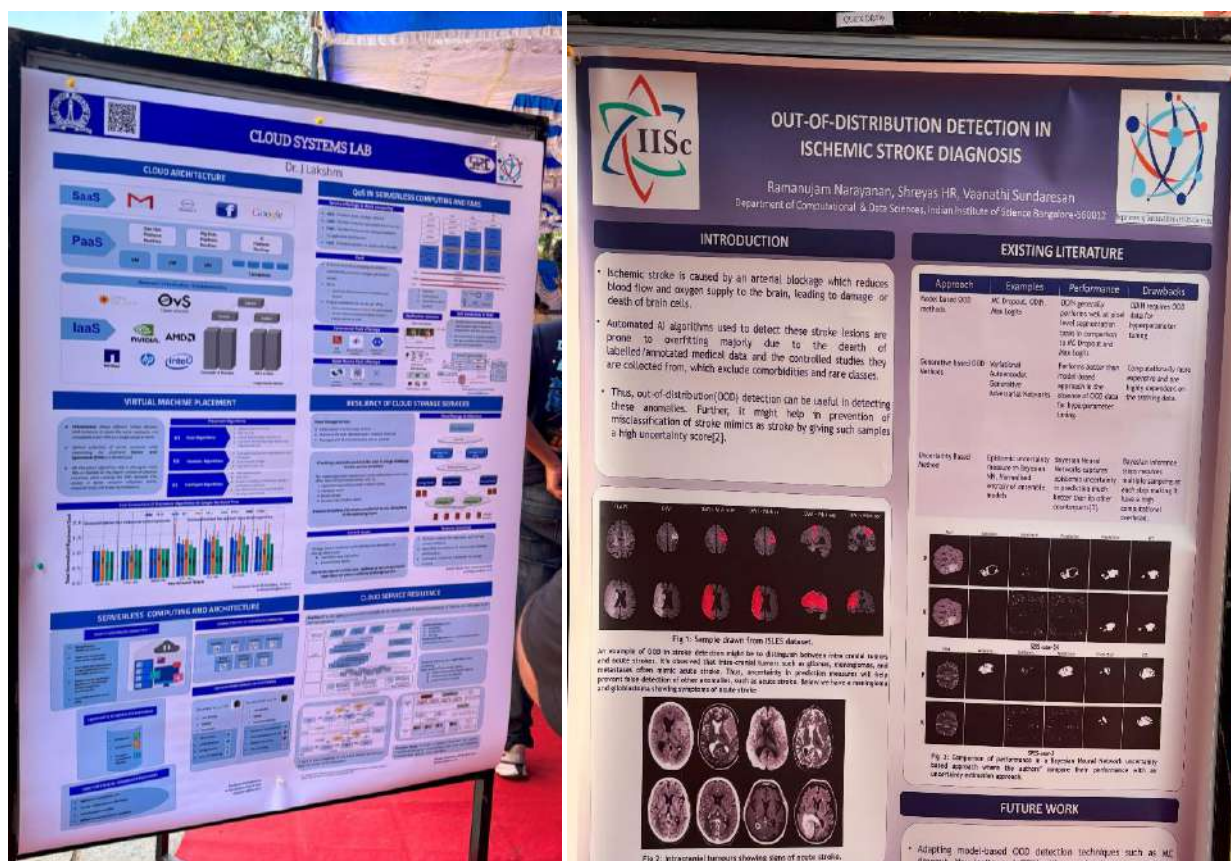


Figure 10: Paper Presentations

In the subsequent pages, we will conclude this report by summarizing the overarching significance of the IISc Bangalore Open Day and expressing gratitude for the transformative experiences it provided to us as KSIT enthusiasts.

# Reflecting on IISc Bangalore Open Day 2024 - A KSIT Perspective

## Introduction:

As KSIT enthusiasts, our journey through the IISc Bangalore Open Day 2024 was not just an exploration of technologies but a unique adventure shaped by our interests, camaraderie, and shared enthusiasm. This page reflects on the significance of the Open Day through the lens of KSIT students.



Figure 11: Understanding of Tech 30 years Down the lane

## Key Takeaways:

- The Open Day, with its diverse exhibits and engaging activities, provided KSIT representatives with a comprehensive understanding of sustainable technologies, brain research, and computational sciences.
- As KSIT students, the collaborative and inclusive nature of the event emphasized the importance of interdisciplinary exploration in the world of science and technology.
- Our active participation in quizzes, competitions, and discussions deepened our understanding and fostered a spirit of curiosity.

**Significance:**

The IISc Bangalore Open Day holds profound significance for KSIT enthusiasts:

- It serves as a bridge between our academic community at KSIT and the wider research and technological advancements showcased at IISc Bangalore.
- The event fosters collaboration, knowledge exchange, and inspiration, contributing to the overall growth and development of KSIT students.
- The emphasis on inclusivity, with activities catering to various age groups, aligns with KSIT's commitment to making science accessible and enjoyable for all.

In the subsequent pages, we will express gratitude for the enriching experiences gained during the Open Day and outline the potential impacts on personal and academic growth for us as KSIT students.



# Key Takeaways and Aspirations for KSIT's Future: Distilling

## Insights and Charting Future Trajectories - A KSIT Perspective

### Key Takeaways:

- The IISc Bangalore Open Day has left an indelible mark on us as KSIT students, providing a holistic view of sustainable technologies, brain research, and computational sciences.
- Engaging activities and demonstrations have enhanced our understanding, fostered a spirit of curiosity and learning among KSIT representatives.
- The collaborative and inclusive nature of the event has underscored the importance of interdisciplinary exploration in the world of science and technology for KSIT students.



Figure 12: Last year's Visit with College Faculties

**Aspirations for KSIT's Future:**

Inspired by the experiences at the Open Day, KSIT students aspire to:

- Delve deeper into specific areas of interest sparked during the event, aligning with KSIT's commitment to excellence in technology.
- Integrate the learnings from the Open Day into academic pursuits at KSIT, seeking opportunities for collaborative research and innovation.
- Continue engaging with the academic community at KSIT, attending similar events, and staying abreast of emerging trends in science and technology to contribute effectively to the field.

In the final page, we will conclude this report by summarizing the overarching significance of the IISc Bangalore Open Day for KSIT and expressing gratitude for the transformative experiences it provided.

## Conclusion and Appreciation from KSIT

### Closing Remarks and KSIT's Appreciation



Figure 13: Concluding Pictures at the Exit

**Conclusion:**

The IISc Bangalore Open Day 2024 has been an unparalleled experience for us as KSIT students, shaping our perspectives and fuelling our aspirations. It stands as a beacon of inspiration, encapsulating the spirit of innovation, collaboration, and academic excellence.

**Appreciation:**

As KSIT representatives, we express our heartfelt appreciation:

- To the organizers, speakers, researchers, and participants for contributing to the success of the Open Day.
- For the collaborative and inclusive ethos of IISc Bangalore, which has left a lasting impact on our personal and academic growth at KSIT.

In closing, the IISc Bangalore Open Day has not only expanded our horizons but has instilled a profound appreciation for the limitless possibilities within the ever-evolving landscape of science and technology.

**Coordinators Sign****HOD****Principal**



**K.S. INSTITUTE OF TECHNOLOGY, BANGALORE – 560109**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**Report on “Innovation with Nocode and Lowcode”**



**Date of Conduction: 22-06-2024**

**Venue: Conference Hall**

**Time: 11am to 1pm**

**Duration: 2 Hrs**

**Sponsoring Bodies / Associating Organization: ED Cell & CSI**

**Expert Details –**



**Name: Mr. Manikumar Lakkaraju**

**Designation: Founder & Director**

**Organization: Startupworx**

**Brief Profile about the Expert:**

A veteran startup mentor and director of three startups, he has effectively mentored over 100 founders through platforms like Startup Karnataka and Big Startups. His approach covers critical business areas such as design thinking, MVP development, and investor relations, enhancing his role as a Virtual CTO and strategic fundraiser.

**Description of the Event: Innovation with Nocode and Lowcode**

**Objectives:**

1. Provide a comprehensive understanding of nocode and lowcode platforms.
2. Encourage students to experiment with their startup ideas using these cost-effective and efficient tools.
3. Equip students with valuable skills in nocode and lowcode development that are increasingly sought after in the tech industry.

**Participant details - No. of Participants: 130**

**Students (internal/external): Internal**

**Faculty: 5**

The Entrepreneurship and Innovation Talk was held on June 22nd, 2024, from 11:00 AM to 1:00 PM at the Conference Hall of K S Institute of Technology. The event featured Mr. Manikumar Lakkaraju, a renowned Startup Mentor, Serial Entrepreneur, and NoCode Specialist, as the keynote speaker.

This insightful talk was organized by the Department of Computer Science & Engineering in association with the Entrepreneurship Development Cell & Computer Society of India.



### *Glimpses of Inauguration*

**Significance and Impact of the Program :** The Entrepreneurship and Innovation Workshop aimed to foster a culture of innovation and practical problem-solving among students. With a special focus on NoCode platforms, the event provided students with insights into modern entrepreneurial strategies that minimize traditional barriers to software development and business creation. The presence of an accomplished entrepreneur like Mr. Manikumar Lakkaraju significantly enhanced the learning experience, offering students real-world insights into the startup ecosystem.

### **Student Benefits:**

- **Exposure to Entrepreneurial Practices:** Students gained first-hand knowledge about launching and managing start-ups from a seasoned entrepreneur.
- **Skill Development in NoCode Tools:** The workshop introduced students to NoCode platforms, empowering them to build software solutions without extensive programming knowledge.
- **Networking Opportunities:** Interaction with the speaker and other participants provided valuable networking opportunities, crucial for career and entrepreneurial pursuits.



*Glimpse during the presentation on "Innovation with Nocode and Lowcode"*

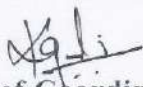
### **Conclusion:**

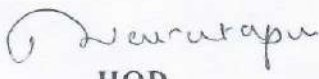
The Entrepreneurship and Innovation talk successfully achieved its goal of inspiring students and equipping them with the tools and knowledge necessary to venture into entrepreneurship. Continuing this series will further enhance the entrepreneurial capabilities of students at K S Institute of Technology.

EO#	EVENT OUTCOMES
EO1	Students acquired an enhanced understanding of entrepreneurial practices through direct insights from an experienced entrepreneur.
EO2	Participants gained proficiency in NoCode software development, empowering them to build applications without extensive coding knowledge.
EO3	The event facilitated networking opportunities, fostering professional growth and potential collaborative ventures among students.

**CO/PO&PSO mapping**

CO/PO&PSO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO 1	PSO 2
EO1	1	2	2	1	1	3	1	2	3	3	3	3	3	2
EO2	2	2	3	2	3	2	1	1	2	2	2	3	3	3
EO3	1	1	2	1	1	2	1	2	3	3	3	2	2	2
	1	2	2	1	2	2	1	2	3	3	3	3	3	2

  
**Chief Coordinator**  
 ED Cell

  
**HOD**  
 Head of the Department  
 Dept. of Computer Science & Engg  
 K.S. Institute of Technology  
 Bengaluru -560 109

  
**Principal**  
**PRINCIPAL**  
**K.S. INSTITUTE OF TECHNOLOGY**  
 BENGALURU - 560 109.



# MANIKUMAR LAKKARAJU

Mobile: +919741799514; +919676829514

Email: [mani@startupworx.in](mailto:mani@startupworx.in) Website: [www.startupworx.in](http://www.startupworx.in)

WE ENABLE FOUNDERS TO TRANSFORM IDEAS INTO LEGAL STARTUPS AND ACCELERATE GROWTH.

MANIKUMAR LAKKARAJU - WITH....

Over 2 decades of enriching experience in business-savvy management and technically sophisticated roles with strong leadership qualities in delivering Telecom Solutions, Business Transformation, Business Strategy, Business Mentoring, Digital Solutions, Technology Advisory, Fund raising.



His strengths are exhibited in design and implementation of,

Mentoring	Trainings
<ul style="list-style-type: none"><li>→ IDEATION</li><li>→ Verify &amp; Validate IDEAs</li><li>→ DESIGN Thinking</li><li>→ Prototyping &amp; MVP</li><li>→ IDEA Risk Assessment</li></ul>	<ul style="list-style-type: none"><li>→ IDEA Sprints</li><li>→ MVP Workshops</li><li>→ Startup Lifecycle</li><li>→ Cofounding Programs</li><li>→ Entrepreneurial Trainings</li></ul>
Business Innovation	Business Expansion
<ul style="list-style-type: none"><li>→ Business Pivot, Alignment</li><li>→ Productization, Pricing</li><li>→ Market goReady, Launch</li><li>→ Digital Transformations</li><li>→ Sales Process</li></ul>	<ul style="list-style-type: none"><li>→ Crossborder Ecosystems</li><li>→ Global Trade Connects</li><li>→ Sustenance Planning</li><li>→ Franchise Rollouts</li><li>→ Growth Advisory</li></ul>
Technology Advisory	Fund Raising
<ul style="list-style-type: none"><li>→ Virtual CTO</li><li>→ Technology Strategy</li><li>→ New Technology Opportunity</li><li>→ NoCode Digital Solutions</li></ul>	<ul style="list-style-type: none"><li>→ IDEA Pitch, Business DECK</li><li>→ Funding Strategy</li><li>→ Investor Connects</li><li>→ Valuation Support</li><li>→ Merger &amp; Aquisitions</li></ul>

## Educational Qualification

- ★ MBA International Trade
- ★ MISCA - SYSTEMS
- ★ BSC (MPC)

## STARTUP Mentor at

1. Startup Karnataka
2. Startupspace
3. BigStartups
4. Mentorite
5. Intercell

## Business Networks:

1. BNI
2. Way2World
3. Womenlines
4. SAB Network
5. Startup Forums

## Mentoring Programs:

1. Design Thinking Sprints
2. SMART Ideation
3. Business Alignment
4. Pivoting & Growth Advisory
5. Cofounding Programs
6. Mentor CONNECT

He is a cohesive individual responsible aimed at Value creation for your Startup, focused on Results, ensures making balanced, strategic business decision, in turn creating WIN-WIN situations.

Here are the recent 10 startups that got the benefit from the mentoring process which was done with focus on the business alignment, necessary pivots to make the roadmap for the next level growth.

<https://www.xoog.info/>  
<https://purplehippie.in/>  
[https://tecnex\\_expert/](https://tecnex_expert/)  
<https://bizex.co.in/>  
<http://vrudhisolutions.com/>  
<http://dbeeconsulting.com/>  
<http://studioalaya.co/>  
<https://dcstudio.in/>  
<https://courselocal.com/>  
<https://ioded.com/>

The Startups are from various industry sectors which were keen on value creation for their business IDEAs, products or services to attain sustenance.


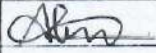
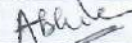

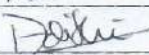
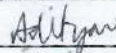
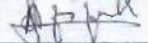
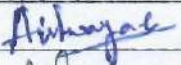



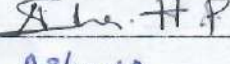


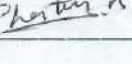
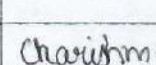
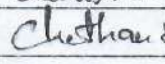

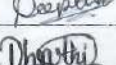
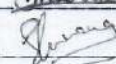
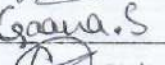

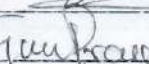
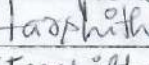
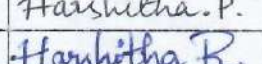
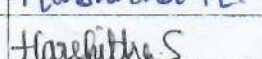



**On Job served clients in Telecom & Utility Markets:** NCELL(Nepal), TELUS(CANADA), LIME(Caribbean), BTC(Columbia), IUSACELL(Mexico), TELCEL(Mexico), Telefonica(Mexico), VPN(Croatia), DuMobile (EITC Dubai), Premier(Germany), Srilanka Telecom(Srilanka), Mobitel(Srilanka), Verizon wireless(USA), US-West(USA), Primus(Australia), MPTC(Cambodia), Mindport(Netherlands), Skylink(Myanmar), Hutch (Ahmedabad, Hyderabad, Bangalore, Chennai, Calcutta), Idea (Pune), BPL (Mumbai, Pune), ETL(Mohali), JTM(Hyderabad, Bangalore).

## Highlights:

1. Active Director 3 Startups
2. Business Innovation Consultant
3. Advisor UK based automobile company
4. Seasonal entrepreneur and Founded 4 Startups in row
5. Realtime expertise of Startup 360 with Bootstrapping, Funding and successful Exits.
6. Advised 100+ Founders
7. Fund connect Partner with Banks and Angel Funds
8. Global Ecosystem Partner for accelerating Startups.
9. Active Citizen Developer

LinkedIn: <https://in.linkedin.com/in/mani-lakkaraju-6588ab8>

**K.S. INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF COMPUTER SCIENCE & ENGG.**  
**VI SEM A SEC STUDENTS LIST 2023-2024**  
**ATTENDANCE**

SL.NO	USN	NAME OF THE STUDENT	signature
1	1KS21CS001	A RAMYASREE	
2	1KS21CS003	ABHILASHA V	
3	1KS21CS004	ABHIRAM K	
4	1KS21CS005	ABHIRAM YADATORE SHANTARAM	
5	1KS21CS006	ADITHI R	
6	1KS21CS007	ADITHI S REDDY	
7	1KS21CS008	ADITYA V	
8	1KS21CS009	AFIFAH AYESHA BIJLI	
9	1KS21CS010	AISHWARYA G	
10	1KS21CS011	AKSHAY VIVEKANANDA B	
11	1KS21CS012	ANANYA PRASAD S	
12	1KS21CS014	ARCHANA P	
13	1KS21CS015	ARTHAN M GOWDA	
14	1KS21CS016	ASHA H P	
15	1KS21CS017	ASHWINI	
16	1KS21CS018	B G PRAJWAL	
17	1KS21CS020	BHAVANA B	
18	1KS21CS021	CHAITRA M	
19	1KS21CS022	CHARISHMA A	
20*	1KS21CS023	CHARISHMA M	
21	1KS21CS024	CHETHAN H	
22	1KS21CS025	DARSHAN S	
23	1KS21CS026	DEEPTHI A B	
24	1KS21CS027	DHRUTHI UMESH S	
25	1KS21CS028	D L SHIVANG	
26	1KS21CS029	GAANA S	
27	1KS21CS030	GAGAN SHIVANNA	
28	1KS21CS031	GOPALA KRISHNA V	
29	1KS21CS032	GURUPRASAD Y S	
30	1KS21CS033	HARSHITHA K M	
31	1KS21CS034	HARSHITHA P	
32	1KS21CS035	HARSHITHA R	
33	1KS21CS036	HARSHITHA S	

SL.NO	USN	NAME OF THE STUDENT	signature
34	1KS21CS037	HARSHITHA S	<i>Harshitha</i>
35	1KS21CS038	HEMANTH KUMAR V	<i>Hemant</i>
36	1KS21CS039	HRITHIKA V	
37	1KS21CS040	IBBANI V GOWDA	<i>IBBANI</i>
38	1KS21CS041	IMAN GHORAI	<i>Iman</i>
39	1KS21CS042	JAHNAVI P	<i>Jahnavi P</i>
40	1KS21CS043	JASHWANTH P C	<i>Jashwanth</i>
41	1KS21CS045	KANISHK E R	
42	1KS21CS046	KARTHIK H N	<i>Karthik H N</i>
43	1KS21CS047	KAUSHIK G V	<i>Kaushik G V</i>
44	1KS21CS048	KAVANA N	<i>Kavana N</i>
45	1KS21CS049	KAVYA B SINGH	<i>Kavya B Singh</i>
46	1KS21CS050	KEERTHIKA S	<i>Keerthika</i>
47	1KS21CS051	KONGARA SREE SAI	<i>K. Sreed S</i>
48	1KS21CS052	KUNAPALLI LAASYA SREE	<i>Kodaasya Sree</i>
49	1KS21CS053	L LAVANYA	<i>Lavanya</i>
50	1KS21CS054	M VAIBHAV NAYAK	<i>M Vaibhav</i>
51	1KS21CS055	MADHU SNEHA SHREE S	<i>Madhu</i>
52	1KS21CS056	MANIKANTH	<i>Manikant</i>
53	1KS21CS057	MANJUNATH	<i>Manjunath</i>
54	1KS21CS059	MAUSAM KUMAR	<i>Mausam</i>
55	1KS21CS060	MAYA	<i>Maya</i>
56	1KS21CS119	ARJUN BHARADWAJ	<i>Arjun</i>
57	1KS21CS120	NIDHI R	<i>Nidhi R</i>
58	1KS22CS401	ARBEENA FARHEEN	<i>Arbeena</i>
59	1KS22CS403	ASHLESH VISHWAKARMA	
60	1KS22CS404	DHANALAKSHMI P	<i>Dhanalakshmi P</i>
61	1KS22CS405	KIRAN B S	<i>Kiran B S</i>
62	1KS22CS408	LOGESHWARAN S	<i>Logeshwaran S</i>
63	1KS22CS411	B NAVEEN KUMAR	<i>B Naveen</i>
64	1KS22CS413	SHIVA KUMAR R	<i>Shiva R</i>
65	1KS22CS414	SOUNDARYA K S	<i>Soundarya K S</i>

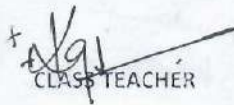
*[Signature]*  
CLASS TEACHER

HOD

**K.S. INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF COMPUTER SCIENCE & ENGG.**  
**VI SEM B SEC STUDENTS LIST 2023-2024**  
**ATTENDANCE**

SL.NO	USN	NAME OF THE STUDENT	SIGNATURE
1	1KS21CS061	MONIKA D	Monika.D
2	1KS21CS062	N VIDYASAGAR	N Vidyasagar
3	1KS21CS063	NAGADARSHAN R P	Nagadarshan R P
4	1KS21CS064	NAGASHREE A	
5	1KS21CS065	NAREN RAKSHITH K V	Naren R
6	1KS21CS066	NETYAM SHIVSARAN	Netyam
7	1KS21CS067	NIKHIL SAI K V	Nikhil
8	1KS21CS068	NOOR ZAHIDA	Noor Zahida
9	1KS21CS069	OMKAR ARJUN MAGADUM	Omkar
10	1KS21CS070	POOJA G	Pooja G
11	1KS21CS071	POOJITHA M V	Poojitha
12	1KS21CS072	POOJITHA R	Poojitha R
13	1KS21CS074	PRIYANKA V	Priyanka V
14	1KS21CS075	R AISHWARYA	
15	1KS21CS076	R HARSHA	
16	1KS21CS077	RAKSHITA G SATARADDI	Rakshita G
17	1KS21CS078	RAKSHITHA D H	Rakshitha D H
18	1KS21CS079	RASHMI B PHULARI	Rashmi B
19	1KS21CS080	RAVEESH PRASAD M	Raveesh M
20	1KS21CS081	RAVITEJ ARJUN KAKHANDAKI	Ravitej
21	1KS21CS082	REDDY TEJASWINI A	Tejaswini A
22	1KS21CS083	RUSHIKESH B	Rushikesh B
23	1KS21CS084	RUTHU M R	Ruthu M R
24	1KS21CS085	SAGAR S N	
25	1KS21CS086	SAMRAT SINGH	
26	1KS21CS087	SANTHOSH K A	Santhosh K A
27	1KS21CS088	SHAMITHA RAVISHANKAR	Shamitha R
28	1KS21CS089	SHEETAL NAIK	Sheetal N
29	1KS21CS090	SHEETHAL G	Sheetal G
30	1KS21CS091	SHEETHAL R	
31	1KS21CS092	SHOEB AHMED QUADRI	Shoeb
32	1KS21CS093	SHREYAS C	Shreyas C
33	1KS21CS094	SINDHU MEGHA	Sindhu Megha
34	1KS21CS095	SKANDA KUMAR H S	Skanda K
35	1KS21CS096	SNEHA S	Sneha S
36	1KS21CS097	SOUJANYA N	Soujanya N
37	1KS21CS098	SRINIDHI MADHUSUDHAN	Srinidhi M
38	1KS21CS099	SUMAN B S	Suman B
39	1KS21CS100	SUMEDHA R	
40	1KS21CS101	SUMUKHA S BHARADWAJ	

SL.NO	USN	NAME OF THE STUDENT	SIGNATURE
39	1KS21CS100	SUMEDHA R	
40	1KS21CS101	SUMUKHA S BHARADWAJ	ssbharadwaj
41	1KS21CS102	SUNIDHI P	Sunidhi P
42	1KS21CS103	SURESH C	
43	1KS21CS104	SUSHMITHA M	
44	1KS21CS105	SWARUP R KOWSHIK	S
45	1KS21CS106	TEJASHREE GOWDA Y K	
46	1KS21CS107	UJWAL M L	ujwal M L
47	1KS21CS108	V M TEJUS	VM Tejus
48	1KS21CS109	VAISHALI BHOSLE	Vaishali
49	1KS21CS110	VANISHREE	Vanishree
50	1KS21CS111	VARSHA H R	Varsha HR
51	1KS21CS112	VARUN SAI V	Varun Sai V
52	1KS21CS113	VIBHA GOVIN S	Vibha
53	1KS21CS114	VIJETHA S	Vijetha S
54	1KS21CS115	VILAS V	Vilas
55	1KS21CS116	VISHAL KAMAN	Vishal
56	1KS21CS117	YASHAS D GOWDA	Yas
57	1KS22CS400	ABHISHEK S	Abhishek
58	1KS22CS402	ARUNA G N	Aruna GN
59	1KS22CS406	LAKSHMEESH M V	Laksh
60	1KS22CS407	LAYA R	Laya R
61	1KS22CS409	MANOHARI S	Manohari S
62	1KS22CS410	MOHAMMED FAISAL	Mohammed
63	1KS22CS412	SAINATH A	
64	1KS22CS415	SPANDANA M	Spandana M
65	1KS22CS416	VEDASHREE S	Vedashree

  
CLASS TEACHER

HOD



**K S INSTITUTE OF TECHNOLOGY, BENGALURU - 560109**

**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

**Event Permission with Budget**

Date: 13/06/2024

Academic Year: 2023-24

Semester - VI A & B

To  
The Principal/Director,  
KSIT, Bengaluru

Subject: Request for permission to organize Technical Talk on 22-06-2024

Through: HOD (Department of Computer Science and Engineering)

Respected Sir,

An Technical Talk on 22-06-2024 from 11am - 1:00pm for 6<sup>th</sup> Semester CSE students, by  
**Mr. ManiKumar Lakkaraju, Startup Mentor, Serial Entrepreneur & Networker, Nocode Specialist.**

Budget of the event

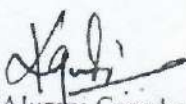
SL No	Particulars	Quantity	Amount in Rs.
1	Stage Arrangements, Bouquet	1	200
2	Remuneration for Resource Person from Industry - one Person & Conveyance	3000*1+1000	4000
3	Memento for Resource Person	1	500
4	Breakfast & Lunch for Resource Person	1 + 1	300 (To be arranged by College Hostel)
Total			5000/-

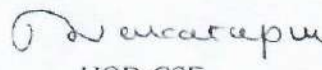
May I request you to give the permission to organize this event. I further request you to sanction the budget.

Thanking You,

Yours Faithfully,

  
15/06/24

  
EDC/Alumni Coordinator

  
HOD-CSE

  
Principal/Director

PRINCIPAL  
K.S. INSTITUTE OF TECHNOLOGY  
BENGALURU - 560 109.



**DEPARTMENT OF MECHANICAL ENGINEERING  
SKILL DEVELOPMENT PROGRAM REPORT - 2023-24**

As a part of the skill development program, 3<sup>rd</sup> semester students were given training in solid modeling, finite element analysis and Computer aided manufacturing using Autodesk Fusion 360 software in a 3 days program.

**Objectives of the program**

- ✓ To impart practical skills, hands on training, soft skills etc.
- ✓ To enhance the employability of students.

The program schedule is as follows.

**Schedule for Skill Development Program**

Date	Program Description	Time	Name of Expert with details
21/02/2024	Inauguration	9.30 to 10.30 AM	---
	Introduction to Modeling	11.00 to 1.00 PM	Mr. Maruthi G V Director, Product Design & Manufacturing, Medini Technologies, Bangalore.
	Hands on training Session (Basic sketching on Modeling)	2.00 to 4.00 PM	
22/02/2024	Hands on training Session (Conversion of 2D to 3D Sketching on solid Modeling)	9.30 to 1.00 PM	
	Hands on training Session (Assembly of machine Components)	2.00 to 4.00 PM	
23/02/2024	Hands on training Session (Finite element analysis)	9.30 to 1.00 PM	
	Hands on training Session (Computer aided manufacturing)	2.00 to 3.30 PM	
	Valedictory Function	3.30 to 4.00 PM	---

### **Brief report about Skill development program**

#### **Day-1 (21/02/2024)**

The training was started on 21/02/2024 morning at 9.30 AM in the Mechanical Seminar Hall, Second Floor, New Building, in KSIT campus, with an inaugural function. The Principal, Dr. Dilip Kumar K, HOD, Dr. Girish T R, Chief Guest, Mr. Maruthi G V, Director, Product Design & Manufacturing, Medini Technologies, skill development program coordinator, Dr. Saleem Khan, teaching staff of the Mechanical Department, and students of III semester were present for the inaugural function. Mr. Rajesh G L, Assistant Professor, welcomes the dignitaries. The Principal, Dr. Dilip Kumar K, briefed the students on skill development program. A chief guest of the skill development program, Mr. Maruthi G V, Director, Product Design & Manufacturing, Medini Technologies, addressed the gathering on the need of solid modeling, finite element analysis and computer aided manufacturing using Fusion 360 software for Industry expectation. Inaugural function was ended with vote of thanks given by Dr. Saleem Khan, Skill Development program coordinator to dignitaries and participants.

Before starting the Day 1(Morning Session), an expert, Mr. Maruthi G V, Director, Product Design & Manufacturing, Medini Technologies delivered a lecture on importance of solid modeling, finite element analysis and computer aided manufacturing using Fusion 360 software for Industry need.

The Day-1 afternoon session was hands-on training for the students, the students practiced the basic sketching of solid modeling using Fusion 360 software.

#### **Day-2 (22/02/2024)**

The Day-2 morning session was again a hands-on training session for students, the students practiced how to convert 2D sketching to 3D Sketching.

The Day-2 afternoon session was continued with hands-on training session for students, the students practiced assembly drawing of machine components like screw jack and plumber block.

#### **Day-3 (23/02/2024)**

The Day-3 morning session was hands-on training on finite element analysis, the students were solved a stepped bar problem using Fusion 360 software and compared the result with manual method.

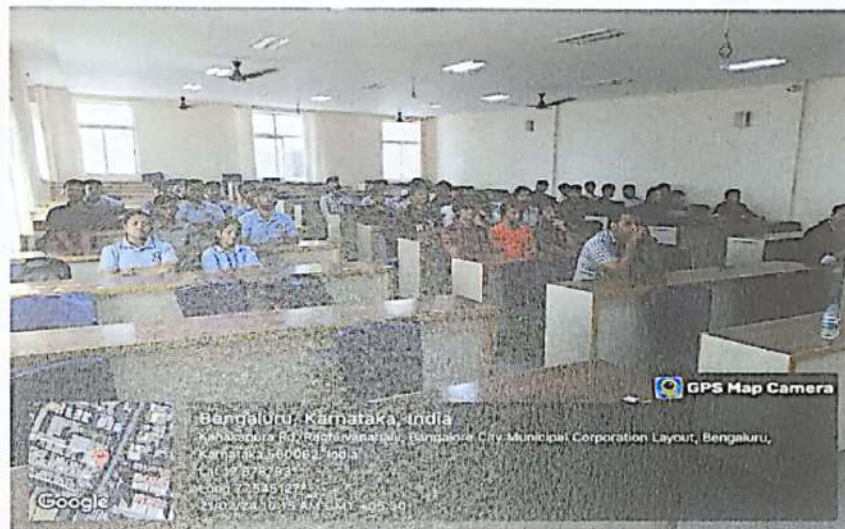


## Skill Development Program Report 2023-24

---

The Day-3 afternoon session was continued with hands-on training session; the students practiced computer aided manufacturing using Fusion 360 software. In addition, students were learned how to generate program for manufactured component. All the sessions were very interesting and informative.

The Skill development program ended with valedictory function.



**Students gathered for Inaugural function**



**Hands on training session**

## Conclusion

The student's undergone training in "Introduction to Modeling and Design for Manufacturing" using Fusion 360 software. Students practiced basic sketching of solid modeling, conversion of 2D to 3D sketching, assembly drawings of machine components, finite element analysis and computer aided manufacturing.

## Program Outcomes


At the end of the program, the following PO's are attained

PO's	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1
	2	3	3	2	2								3

## Justification of PO mapping

- ✓ The basic procedure to draw orthographic views, which requires basic engineering knowledge, problem analysing skills and tool usage to draw views, hence it maps with PO1.
- ✓ The procedure to create 3 dimensional parts and assembly, generate 2 dimensional views from 3 dimensional parts which requires strong problem solving & analyzing technique, Engineering Knowledge hence it maps with PO2, PO3, PO4, PO5, & PSO1

  
Program Coordinator

  
HOD  
Head of the Department  
Dept. of Mechanical Engg.  
K.S. Institute of Technology  
Bengaluru - 560 109

  
Principal  
PRINCIPAL  
K.S. INSTITUTE OF TECHNOLOGY  
BENGALURU - 560 109.



KAMMAVARI SANGHAM (R) - 1952

**K. S. GROUP OF INSTITUTIONS**  
**K. S. INSTITUTE OF TECHNOLOGY**

( Approved by AICTE, New Delhi; Affiliated to VTU, Belagavi, Karnataka; Accredited by NAAC & NBA [CS, EC & MECH] )

#14, Raghuvanahalli, Kanakapura Road, Bengaluru - 560109

Tel: 080-28435722 / 24 Web : www.ksit.edu.in



The Management, CEO, Principal & Staff  
Cordially invite you for the Inaugural Function of

**3 Day's Faculty Development Programme**

[ 21<sup>st</sup> February 2024 to 23<sup>rd</sup> February 2024 ]

**“Introduction to Modelling & Design  
For Manufacturing”**

Organized by Department of Mechanical Engineering

In Association With Medini Technologies 

**on 21<sup>st</sup> February at 9.30 AM**

**in Mechanical Seminar Hall, KSIT**

Chief Guest

**Sri. Maruthi G V**

Director, Product Design & Manufacturing  
Medini Technologies, Bengaluru

Will Grace the Occasion

**Dr. K. V. A. Balaji**

CEO, KSGI

**Dr. Dilip Kumar K**

Principal / Director, KSIT

**Dr. Saleem Khan**

FDP Coordinator,  
Assistant Prof., ME Department

**Dr. Girish T R**

Associate Prof. & Head,  
ME Department

## Management Committee

**Sri. R. Rajagopal Naidu**  
President

**Dr. M. Rukmangada Naidu**  
Vice President

**Sri. B. Lokanadha Naidu**  
Vice President

**Sri. R. Leela Shankar Rao**  
Hon. Secretary

**Sri. V. Rajendra Naidu**  
Joint-Secretary

**Sri. S. Venugopal Naidu**  
Joint-Secretary

**Sri. T. Neerajakshulu Naidu**  
Treasurer

**Sri. M. Yogamurthy**  
Internal Auditor

**Sri. M. Sudhakar**  
Chairman, Legal Cell

**Sri. N. M. Krishnamurthy**  
Chairman, Finance Committee

**Sri. A. V. Nagaraj**  
Chairman, Building Committee

**Sri. N. Krishnama Naidu**  
Chairman, Hostel Committee

**Sri. D. Jagadish Kumar**  
Chairman, Transport Committee

**Sri. T. N. Manjunath**  
Chairman, Environment Committee

**Sri. G. Ramana Babu**  
Director

**Sri. G. V. Ramesh**  
Director

**Sri. V. Ramesh Kumar**  
Director

**Sri. J. M. Chandra Shekar (Babu)**  
Director

**Sri. P. Prabhakar Naidu**  
Director

## Academic Advisory Board

**Dr. H. P. Kincha**  
Chairman

**Dr. K. N. Balasubramanya Murthy**  
Member

**Dr. Y. N. Srikanth**  
Member

**Dr. Shyam Vasudeva Rao**  
Member

**Dr. K. V. A. Balaji**  
Chief Executive Officer



**K.S. INSTITUTE OF TECHNOLOGY, BENGALURU - 560109**

**Department of Mechanical Engineering**

## **Report on Technical talk “Mechanical Engineers Future Prospects Beyond Graduation “**

The seminar was organised on 22<sup>nd</sup> July 2023 in association with KSIT alumni Association for mechanical engineering students in the seminar hall. Mr. Abhijith Kashyap, an alumni of the college delivered lecture on Mechanical engineers future prospects beyond graduation. Atalk which is necessasary to get awareness among the students for their future career aspects. Few important seminar process is as follows.



**Details of Seminar Presentation**



**Guest introduction by Mr.A. Anilkumar, Assistant Professor Dept. of Mechanical Engineering**



**Welcome to the Guest by Principal of KSIT DrDilipKumar**




**Presentation by the Speaker**



**Participants to the seminar**



Honoring the Guest by Memento by HOD, Mechanical and Principal of College

  
**SIGNATURE OF HOD**  
Head of the Department  
Dept. of Mechanical Engg.  
K.S. Institute of Technology  
Bengaluru - 560 109

  
Signature of the Principal  
**PRINCIPAL**  
K.S. INSTITUTE OF TECHNOLOGY  
BENGALURU - 560 109.





## DEPARTMENT OF MECHANICAL ENGINEERING

### Staff Development Program Report

**Dates: June 27th-29th, 2024**

**Venue: K S Institute of Technology**

#### **Introduction**

The Staff Development Program (SDP) held from June 27th-29th, 2024, aimed to enhance the skills, knowledge, and overall professional growth of non-teaching staff members from KSIT, KSSEM, KSP, KS PUC, and KSSA. The program was attended by 71 participants and included a series of sessions conducted by esteemed speakers, focusing on various aspects of professional development, maintenance, safety, health, and wellness.



**Fig: Inauguration of Staff Development Program**



**Fig: Participants at Inauguration of Staff Development Program**

**Day 1: June 27th, 2024**

Sessions and Speakers:

**1. Professionalism & Career Development**

- Speaker: V. Anantha Ramaiah
- Summary: The session emphasized the importance of professionalism in the workplace and provided participants with strategies to advance their careers. Key topics included effective communication, time management, and leadership skills.

**2. Maintenance & Safety at Workplace**

- Speaker: Sreedhar
- Summary: This session focused on the critical aspects of workplace maintenance and safety protocols. Participants were trained on safe equipment handling, emergency procedures, and creating a safe working environment.



**Fig: V. Anantha Ramaiah Taking over the session**



**Fig: Mr Sreedhar Taking over the session**

**Day 2: June 28th, 2024**

Sessions and Speakers:

**1. Health & Wellness**

- **Speaker:** Hanumantha Rao
- **Summary:** Hanumantha Rao led a comprehensive session on health and wellness, highlighting the significance of physical and mental health in enhancing workplace productivity. Topics covered included stress management, yoga practices, and health awareness.

**2. Requirement of Accreditation & Ranking Framework**

- **Speaker:** Dr. Shashikumara S R
- **Summary:** Dr. Shashikumara S R discussed the essential requirements for accreditation and the importance of adhering to ranking frameworks. The session provided insights into maintaining academic and operational excellence, ensuring compliance with standards.





**Fig: Session handled by Hanumantha Rao and Dr Shashi Kumara S R**

**Day 3: June 29th, 2024**

**Activity: Visit to Sri Sri Ravishankar Guruji Ashram (Art of Living)**

- **Summary:** On the final day, participants visited the Sri Sri Ravishankar Guruji Ashram (Art of Living) to gain insights into holistic living and stress relief techniques. The visit included interactive sessions on meditation, team-building activities, and exploring the principles of the Art of Living foundation.





**Fig: Group Photo at Sri Sri Sri Ravishankar guruji Ashrama (Art of living)**



**Fig: Group Photo with all participants**

### **Participants' Feedback**


The feedback from participants was overwhelmingly positive. They appreciated the diverse range of topics covered and the expertise of the speakers. The sessions were described as informative and engaging. The visit to the ashram was particularly well-received, providing a unique and enriching experience.

### **Conclusion**

The Staff Development Program successfully achieved its objectives of enhancing professional skills, promoting health and wellness, and fostering a culture of continuous learning among non-teaching staff. The active participation and enthusiasm of the attendees contributed to the overall success of the program. We look forward to organizing more such programs in the future to continue supporting the professional development of our staff.

### **Acknowledgements**

We extend our sincere gratitude to the speakers and participants for their invaluable contributions to the success of this program. Special thanks to V. Anantha Ramaiah, Sreedhar, Hanumantha Rao, and Dr. Shashikumara S R for sharing their knowledge and expertise.

  
Signature of the Coordinators

  
Signature of HOD  
Head of the Department  
Dept. of Mechanical Engg.  
K.S. Institute of Technology  
Bengaluru - 560 109

  
Signature of Principal  
PRINCIPAL  
K.S. INSTITUTE OF TECHNOLOGY  
BENGALURU - 560 109.

## ABOUT THE SDP

Empowering non-teaching staff in an engineering college is crucial for the institution's success. These staff members significantly impact accreditation, lab maintenance, and health care, thereby enhancing the college's academic and operational quality. They provide essential administrative support, manage records, and facilitate communication, ensuring the college meets accreditation standards. Educating them about the accreditation process aligns efforts towards academic goals.

Effective lab maintenance is vital for practical sessions; training staff in safe equipment handling improves the learning environment. Additionally, educating them on health and safety protocols ensures a safer, healthier campus. Overall, training non-teaching staff in these areas helps the college meet accreditation requirements, boosts productivity, and fosters a supportive learning atmosphere.

## THE AIM & OBJECTIVES OF THE PROGRAM IS TO:

- 1. Enhance Skills and Efficiency:** Offer opportunities for non-teaching staff to learn new skills, update their current ones, & ensure they are well-prepared to perform their duties effectively.
- 2. Improve Communication and Teamwork:** Foster better communication and teamwork among non-teaching staff members.
- 3. Promote Continuous Learning:** Cultivate a culture of ongoing learning and professional development.
- 4. Focus on Wellness and Work-Life Balance:** Address wellness and work-life balance to create a healthy and positive work environment.
- 5. Increase Accreditation Awareness:** Enhance understanding of accreditation and its requirements.

## WHO CAN PARTICIPATE?

Non-Teaching Staff including Attenders, Lab Instructors, Foremen, Supporting staffs of KSIT & KSSEM.

Date	Time	Topic/ Activity
Day 1	9.30 -10.00 AM	Inaugural ceremony
	10 AM-12 PM	Professionalism & Career Development
	1.30-3.30 PM	Maintenance & Safety at Workplace
Day 2	10 AM-12 PM	Health & Wellness
	1.30-3.30 PM	Requirement of Accreditation & Ranking Framework
Day 3	10 AM-2.30 PM	Team Building Activities, Industry Visit & Team Outing
	3.00-3.30 PM	Valedictory

## ABOUT THE SANGHAM

The Kammavari Sangham a multi-activity non-profit oriented voluntary service organization was established in the year 1952 with the sole objective of providing charitable service to community and society. The Sangham has diversified its activities since its establishment over five decades ago with a firm belief that quality and meaningful education only can lay the strong foundation for bringing about economic and social changes to the lives of thousands. The Sangham went about establishing educational institutions starting with K.S. Polytechnic in 1992. Enthused with this success of its foray into technical education, the Sangham moved forward starting the K.S. Institute of Technology (KSIT) in the year 1999, K. S. School of Engineering & Management (KSSEM) in the year 2010, K. S. School of Architecture (KSSEA) in the year 2015 & K. S. PU College in 2022. In the following years these institutions have carved for themselves an enviable niche through academic excellence achieved in a very short span of time. By providing free hostel accommodation and scholarship to the deserving students in the community, it has furthered its commitment to education.

## ABOUT THE INSTITUTE

K. S. Institute of Technology was established in the year 1999 by the Kammavari Sangham with a commitment to provide value based technical education. KSIT is strategically located at No. 14 Raghuvanahalli, Kanakakpura Main Road, Bengaluru. The Institution has modern infrastructure with state-of-the-art equipment and laboratory facilities, well qualified faculty and an impressive placement record. The objective of KSIT is to impart quality education to students and enable them to develop the abilities of problem solving, creative thinking and adaptability in their chosen field. KSIT is NAAC & NBA accredited.

## ABOUT THE DEPARTMENT

The Department of Mechanical Engineering at KSIT is as old as the Institute itself. Today, the department of Mechanical Engineering at KSIT attracts & features an extraordinary rich diversity & quantity of talented individuals, with nearly 450 undergraduates supported by experienced and highly qualified teaching & nonteaching staff. There is a concerted effort to raise the "Aspirational reference point" of the pupils undergoing graduate program in engineering by subjecting them to continuous value addition. Hence The Department has been producing excellent results with distinctions in the university examinations consistently. In addition to class room teaching learning processes students are guided & encouraged to be familiar with emerging technology. Our students have been actively associating themselves with industries through industrial projects, in plant training and Industrial visits with almost all Mechanical engineering oriented organizations/industries. We feel proud to inform that our students earn places in the merit list of University Examinations every year.



KAMMAVARI SANGHAM (R) - 1952  
**K. S. INSTITUTE OF TECHNOLOGY**  
(Approved by AICTE, New Delhi; Affiliated to VTU, Belagavi, Karnataka)  
(Accredited by NBA : CSE & ECE )  
(Accredited by NAAC )

#14, Raghuvanahalli, Kanakapura Road, Bengaluru - 560109



## 3 Days Staff Development Program on

**"EMPOWERMENT THROUGH EXCELLENCE:  
PROFESSIONAL GROWTH FOR  
NON - TEACHING STAFF"**

**27<sup>th</sup> - 29<sup>th</sup> June, 2024**

Venue

**KSIT College, Bengaluru**

Organized by

**Department of**

**Mechanical Engineering**

In Association With

**KS Research & Innovation Foundation  
(KSRIF)**



## CHIEF PATRONS

**Sri. R. Rajagopal Naidu**

President, Kammavari Sangham

**Sri. R. Leela Shankar Rao**

Hon. Secretary, Kammavari Sangham

**Sri. T. Neerajakshulu Naidu**

Treasurer, Kammavari Sangham

## PRESIDED BY

**Dr. K.V.A. Balaji**

CEO, KSGI

**Dr. Dilip Kumar K**

Principal / Director, KSIT

**Dr. D. R. Swamy**

Executive Director, KSRIF

**Dr. Umashankar. M**

Professor & COE, KSIT

**Dr. Girish T. R**

Associate Professor & Head Mechanical, KSIT

## CONVENERS

**Mr. Anil Kumar A**

Asst. Professor, Dept. of Mech, KSIT

**Mr. Ranganath N**

Asst. Professor, Dept. of Mech, KSIT

## ORGANISING COMMITTEE

**Mr. Nagabhushana M**

Assoc. Professor, Dept. of Mech, KSIT

**Mr. Prasad K**

Assoc. Professor, Dept. of Mech, KSIT

**Dr. Nagaprasad K S**

Assoc. Professor, Dept. of Mech, KSIT

**Dr. Nirmala L**

Assoc. Professor, Dept. of Mech, KSIT

**Mr. Manjunath B R**

Asst. Professor, Dept. of Mech, KSIT

**Mr. Harish U**

Asst. Professor, Dept. of Mech, KSIT

**Dr. Saleem Khan**

Asst. Professor, Dept. of Mech, KSIT

**Mr. Rajesh G L**

Asst. Professor, Dept. of Mech, KSIT

**Dr. Srinidhi Acharya S R**

Asst. Professor, Dept. of Mech, KSIT

## EXPECTED OUTCOMES

The proposed SDP will achieve the following:

1. Better skills in meeting accreditation standards, ensuring the institution maintains high quality.
2. A safer and healthier campus environment.
3. Improved lab maintenance, creating a safer and more effective learning space.
4. Better teamwork and communication between teaching and non-teaching staff, leading to a more unified campus.
5. Increased job satisfaction and morale among non-teaching staff due to enhanced skills and responsibilities.



## REGISTRATION

Registration is Free for All The Non-Teaching Staff of KSIT & KSSEM

**Last Date For Registration: 25-06-2024**

[Scan Here For Registration](#)



## REGISTRATION FORM (Offline Mode)

Name.....

Designation.....

Department.....

Institution.....

Address.....

.....

Mob No.....

Email.....

Date.....

Registration: Free

**Contact Details For Registration:**

Mr. Anil Kumar A : 8197975168

EMail : anilkumara@ksit.edu.in

Mr. Ranganath N : 9743336296

EMail : rangnanathn@ksit.edu.in

Signature of Applicant

Signature & Seal of Principal





**K.S. INSTITUTE OF TECHNOLOGY, BANGALORE – 560109  
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING  
ICB (IoT, CYBER SECURITY, BLOCKCHAIN TECH.)  
In Association  
DEPARTMENT OF APPLIED SCIENCE AND HUMANITIES**

**WORKSHOP ON:  
MACHINE LEARNING AND IMAGE PROCESSING**

**Date of Conduction: 04.04.2024 – 05.04.2024**

**Venue: ECE Seminar Hall**

**Time: 9.30 AM – 3.30 PM**

**Duration: 5 Hrs**

**Sponsoring Bodies / Associating Organization: NA**

**Resource Persons Name:**

1. **Dr. Ganga Holi** , Professor & HOD, CSE (ICB)
2. **Dr. Pradeep Desai**, Professor & HOD, CSE
3. **Mr. Kushal Kumar B N**, Associate Professor, CSE (ICB)

**Organization: KSIT, Bangalore**

**BRIEF PROFILE ABOUT THE EXPERTS:**

**Dr. Ganga Holi** is professor & Head, Dept of CSE-ICB, **KSIT** having 27 years of Teaching experience and two years of Industry experience in Computer Science & Engineering. She completed her BE, M, Tech and Ph. D in Computer Science & Engineering. Her research interests are Image Processing, Machine Learning, Computer Vision, Natural Language Processing.



**Dr. Pradeep Desai**, is Professor in CSE Dept KSIT, is senior Industry expert having more than 3 decades of Industry experience in Computer Science field. He worked for MMS, Ashoka Layland, Tata Elxi, Wipro, Philips, TCS, GE. Now is founder and CEO of 4VC Solutions Private Limited, Co-Founder and Chief Business Officer, SIAMAF Healthcare, Co-Founder and Chief Business Officer and CEO of Thalesat Innovations Private Limited.



**Prof. Kushal Kumar B N** is a Associate Professor in CSE (ICB) department having 14 years of experience in teaching and his research interests are Machine Learning, IoT.



## **DESCRIPTION OF THE EVENT**

The main Objective of the workshop is to provide basic knowledge about Machine Learning, Image Processing, its applications in real life and also advantages of the both trending technologies. First Day, Introduction to Machine Learning, its applications, advantages were discussed along with the hands-on sessions using Python and also to visualize the data using Python Visualization tools.

Second Day, Introduction to Image processing, its applications, application areas, challenges were discussed. Hands on session was conducted to read, write and manipulated the images, display images in RGB formats and also to flip the image using opencv software.

### **OBJECTIVES / KEY HIGHLIGHTS:**

Key Highlights:

1. Students gained basic understanding of Machine Learning and Image Processing.
2. Students learnt to use Python data visualization to visualize the data
3. Students gained the knowledge the Python sklearn Machine Learning library, OpenCV Python Image processing tool.

### **PARTICIPANT DETAILS**

- No. of student participants in total: 40

## PHOTOS (GEO TAGGED):



## ADDRESSING THE GATHERING BY PRINCIPAL



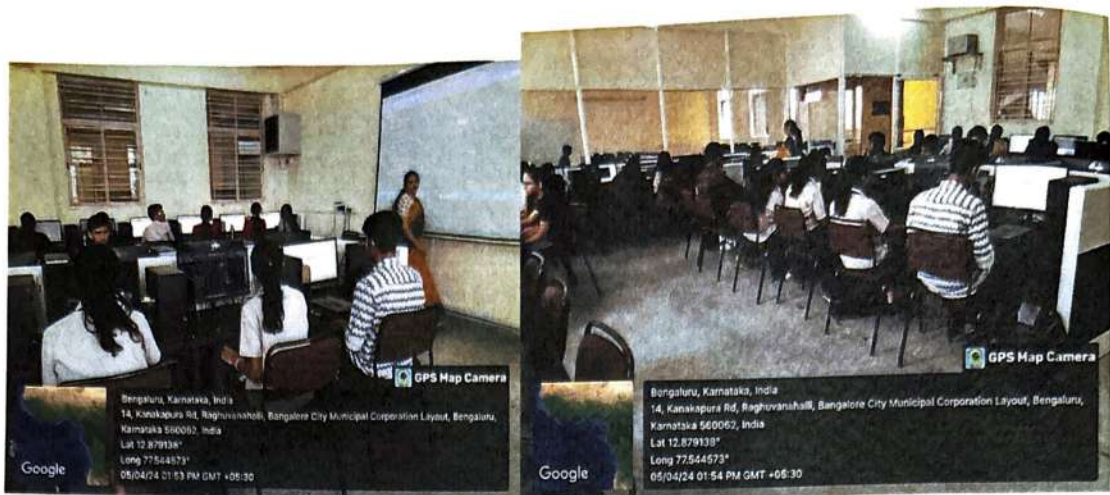
## TALK BY DR. GANGA HOLI



**AFTERNOON SESSION**



**SESSION BY DR. PRADEEP DESAI**



### OUTCOMES/BENEFITS:

Students gained knowledge about Machine Learning and Image Processing also learnt Python data visualization.

#### Attachments:

- Evaluation and Feedback.
- Attendance Sheet

### CO/PO&PSO mapping

CO/PO& PSO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO1	PSO2
Workshop	01	01	-	-	-	-	-	-	-	-	-	01	01	01
Average	01	01	-	-	-	-	-	-	-	-	-	01	01	01

- **PO1: Engineering Knowledge:** To apply knowledge of mathematics, science, engineering fundamentals, problem solving skills, algorithmic analysis to solve complex engineering problems.

- **PO2: Problem Analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- **PO12: Lifelong learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.
- **PSO1:** Graduates will demonstrate the technical skills to address real-world challenges in IoT, cyber security, and blockchain technology while upholding ethical considerations and social responsibility.
- **PSO2:** Graduates will engage in continuous learning, collaborate cross-functionally, and adeptly create and implement inventive solutions for societal benefit while ensuring digital security and privacy.

  
**Dr. Sheeja Krishnan**

Event Coordinator

  
**Dr. Jalaja P**

Head – AS&H  
 Head of the Department  
 Dept. of Science and Humanities  
 K.S. Institute of Technology  
 Bengaluru - 560 109

  
**Dr. Ganga Holi**

Head – CSE (ICB)

Head of the Department  
 Dept. of Computer Science Engg.  
 (IoT, Cyber Security, Blockchain Tech.)  
 K. S. Institute of Technology  
 Bengaluru - 560 109.

  
**Dr. Dilip Kumar K**  
 PRINCIPAL

K.S. INSTITUTE OF TECH  
 Principal, KSIIT  
 BENGALURU - 560 109

# K S INSTITUTE OF TECHNOLOGY

Raghuvanahalli, Bengaluru

Name of the Programme: Workshop on Introduction to Machine Learning and Image Processing  
 Date : 04.04.2024 - 05.04.2024

SL.NO.	NAME OF THE STUDENT	USN	04.04.2024		05.04.2024	
			M	AN	M	AN
1	Abhimanyu	1KS23CS001				
2	Aditi S.H.	1KS23CS002				
3	Aishwarya N	1KS23CS005				
4	Akash.R	1KS23CS006	AKASH	AKASH	Akash	Akash
5	Ameena Fathima	1KS23CS009	Ameen	AS	Ameena	Ameena
6	Amruth ck	1KS23CS010	AB	AB	Amruth	Amruth
7	Amrutha J	1KS23CS011	Amrutha.J	AB	Amrutha.J	Amrutha.J
8	Angelina	1KS23CS013	Angelina	Angelina	Angelina	Angelina
9	Anuja V M	1KS23CS014	Anuja	AB	Anuja	Anuja
10	Anusha.V	1KS23CS015	Anusha	AB		
11	Anvitha T.A	1KS23CS016	Anvitha	Anvitha	Anvitha	Anvitha
12	Bhavani. S	1KS23CS023	Bhavani.S	Bhavani.S	Bhavani.S	Bhavani.S
13	Bhuvan B	1KS23CS025	Bhuvan.B	Bhuvan.B	Bhuvan.B	Bhuvan.B
14	Chaitra Kiranagi	1KS23CS028	Chaitra	AB		
15	Charan Teja G.S	1KS23CS030	Charan	AB		
16	Chirag T	1KS23CS034	Chirag.T	Chirag.T	Chirag.T	Chirag.T
17	Chiranth gowda s	1KS23CS036	Chiranth	Chiranth		
18	Durgashree M	1KS23CS043	Durgashree.M	AB	Durgashree.M	Durgashree.M
19	G. Akash	1KS23CS044	AB	AB		
20	Hemanthraje urs hk	1KS23CS051	Hemanth	Hemanth		
21	Harshith.k	1KS23CS056	Harshith	Harshith	Harshith	Harshith
22	Janhavi	1KS23CS058	Janhavi	Janhavi	Janhavi	Janhavi
23	K Harini	1KS23CS062	Harini	Harini	Harini	Harini
25	Lavanya.B.R	1KS23CS068	Lavanya.B.R	Lavanya.B.R	Lavanya.B.R	Lavanya.B.R
26	Lavanya R	1KS23CS069	Lavanya.R	Lavanya.R		
27	M BHOOMIKA	1KS23CS075	Bhika	Bhika	Bhika	Bhika
28	Manaswini	1KS23CS079	Manas	AB		
29	Mohammed Shazan	1KS23CS085	shazan	shazan	shazan	shazan
31	Namratha	1KS23CS090	Namratha	AB		
32	Navya P	1KS23CS092	Navya	AB		
35	Nikhil Kumar PE	1KS23CS094	Nikhil	AB		
36	Nishanth C P	1KS23CS097	AB	AB		
37	PAVAN GOWDA S	1KS23CS102	AB	AB		
39	Raghuveer	1KS23CS108	Prajwal	AB		
40	Prajwal N	1KS23CS109	Prajwal	AB		
41	PRANAVIKA.M	1KS23CS112	Pranavika.M	AB		
42	Reema J	1KS23CS124	Reema	Reema	Reema	Reema
43	Ruby Kumari.R	1KS23CS126	Rubykumari.R	AB	Rubykumari.R	Rubykumari.R
44	S Avinash	1KS23CS129	Savinash	AB		
45	Sadhana.M	1KS23CS134	Sadhana	Sadhana	Sadhana	Sadhana
46	Sahana.D	1KS23CS136	Sahana.D	Sahana.D	Sahana.D	Sahana.D
47	Sakshi ramesh	1KS23CS137	Sakshi	Sakshi	Sakshi	Sakshi

AN.  
 AN.  
 Aishwarya  
 Akash  
 Amruth  
 Amruth  
 Angelina  
 Anuja  
 Anvitha  
 Bhavani  
 Bhuvan  
 Chirag  
 Chirag  
 Durgashree  
 Durgashree  
 Harshith  
 Harshith  
 Janhavi  
 Janhavi  
 Lavanya  
 Lavanya  
 Bhika  
 Bhika  
 shazan  
 shazan  
 shazan  
 shazan  
 Reema  
 Ruby  
 Ruby  
 Sadhana  
 Sadhana  
 Sakshi



48	SHRIHARI I B	1KS23CS153	<del>AB</del>	<del>AB</del>	<del>Bh</del>	<del>Bh</del>	<del>Bh</del>
49	SRAVYA ILLURI	1KS23CS158	<del>AB</del>	<del>AB</del>	<del>Bh</del>	<del>Bh</del>	<del>Bh</del>
50	Srigowri S Kulkarni	1KS23CS159	<del>Srigowri S.K.</del>	<del>Srigowri S.K.</del>	<del>Srigowri S.K.</del>	<del>Srigowri S.K.</del>	<del>Srigowri S.K.</del>
51	Sudhanva Joshi	1KS23CS161	<del>AB</del>	<del>AB</del>	<del>Bh</del>	<del>Bh</del>	<del>Bh</del>
52	Surekha T S	1KS23CS162	<del>Surekha T.S</del>	<del>Surekha T.S</del>	<del>Surekha T.S</del>	<del>Surekha T.S</del>	<del>Surekha T.S</del>
53	TSR Sriraga	1KS23CS163	<del>Sriraga</del>	<del>Sriraga</del>	<del>Sriraga</del>	<del>Sriraga</del>	<del>Sriraga</del>
54	TALLURU	1KS23CS164	<del>Sahithya</del>	<del>Sahithya</del>	<del>Sahithya</del>	<del>Sahithya</del>	<del>Sahithya</del>
55	Varshitha	1KS23CS173	<del>Varshitha</del>	<del>Varshitha</del>	<del>Varshitha</del>	<del>Varshitha</del>	<del>Varshitha</del>
56	M BHOOMIKA	1KS23CS075	<del>Bhika</del>	<del>Bhika</del>	<del>Bhika</del>	<del>Bhika</del>	<del>Bhika</del>
57	Venkat S s	1KS23CS177	<del>Venkat S s</del>	<del>Venkat S s</del>	<del>Venkat S s</del>	<del>Venkat S s</del>	<del>Venkat S s</del>
58	Vijayalakshmi C	1KS23CS179	<del>Vijayalakshmi C</del>	<del>Vijayalakshmi C</del>	<del>Vijayalakshmi C</del>	<del>Vijayalakshmi C</del>	<del>Vijayalakshmi C</del>
59	Yashaswi R	1KS23CS186	<del>Yashaswi R</del>	<del>Yashaswi R</del>	<del>Yashaswi R</del>	<del>Yashaswi R</del>	<del>Yashaswi R</del>
60	Yashaswini KT	1KS23CS187	<del>Yashaswini KT</del>	<del>Yashaswini KT</del>	<del>Yashaswini KT</del>	<del>Yashaswini KT</del>	<del>Yashaswini KT</del>

Repeated

  
Coordinator

  
HOD



K.S. INSTITUTE OF TECHNOLOGY, BANGALORE – 560109



**KSIT IP CELL and INSTITUTION'S INNOVATION COUNCIL (IIC)  
&  
DEPARTMENT of CCE & CSE (ICB)**

*Workshop on*

**“IPRs and IP management for startups”**

**Date of Conduction: 26<sup>th</sup> May 2024**

**Venue: KSIT Seminar Hall, Ground Floor**

**Time: 09.00AM – 04.00PM**

**Duration: 6 Hours**



**Sponsoring Bodies / Associating Organization: Karnataka State Council for Science & Technology (KSCST), IISc Campus, Bengaluru.**

*Expert Details – with photo*

**Name: Mr. Nagarjun M.G**

**Designation: Project Associate**

**Organization: KSCST, IISc Campus, Bengaluru**



**Brief Profile about the Expert:**

Mr. Nagarjun M G is currently working as project associate at Karnataka State Council for Science and Technology (KSCST), IISc campus Bengaluru. He completed his graduation in mechanical stream from K S Institute of Technology, Bengaluru and Post-graduation in the stream of Manufacturing science and engineering Siddaganga Institute of Technology, Tumkur.

He participated as well delivered lectures in many faculty developments programs, workshops on IPRs and Biofuels. At council, He was mentored the Bioenergy research & demonstrations centres (BRIDCs) established by Karnataka State Bioenergy Development Board (KSBDB) in all 30 districts in terms of technical & administrative roles. He was also coordinated the projects of Student project programme (biofuel projects), kitchen garden development in chamarajanagar district (funded by DST Vigyan prasara), Glycerol project of NDRI (funded by DST Gol), used cooking oil (UCO) Survey in Bengaluru city etc.

At Patent Information Centre (PIC) and Technology and Innovation Support Centre – TISC, WIPO of KSCST he follows up all the Information Education & Communication activities of PIC including IP filings i.e. patents, copyrights, trademarks, designs, Establishment of IP Cells, Institutional Policymaking, visitor consultations and other projects and programmes of the Patent Information center. He is coordinator of Technology Innovation Support Center – WIPO (TISC) of KSCST and the coordinator of KIRAN IPR programme of DST & TIFAC where the programme provides on job training on IPR for selected women candidates under this scheme at KSCST.

#### **Description of the Event:**

Intellectual property rights (IPR) refers to the legal rights given to the inventor or creator to protect his invention or creation for a certain period of time. IP protection can be sought for a variety of intellectual efforts including Patents, Industrial designs, Trademarks, Copyright and Geographical indications. IPR protection gives business a competitive advantage over other similar businesses and also it prevent unauthorized use of your intellectual property and works. It enhances the value of your company and also opens avenues for collaborations and opportunities for generating income such as by entering into licensing agreements to exploit/work the invention/work.

The inaugural function started at 9.00am by welcoming the chief guest and resource person Mr. Nagarjun M.G, Project Associate, KSCST with a bouquet by Dr. K.V.A Balaji, CEO, KSGI and Dr. Dilip Kumar K, Principal & Director, KSIT. Prof. Rajesh G.L, IP Coordinator briefed about the role of IPR in encouraging innovation and creativity and introduced the eminent speaker to the gathering. Mr. Nagarjun M G outlined IP management systems for startups with case studies to the gathering. The function ended with vote of thanks by Prof. Rajesh G.L at 9.35AM.

#### **Session – 1: Introduction to IPR \_ 09:35AM to 11.30AM**

In the session -1, resource person discussed the types of intellectual property rights with case studies. He described patent filing process and its eligibility along with copyrights and trademarks. Few interesting topics such as; how to convert innovative idea to business model, initial steps for filing a patent and design considerations etc. were explained and interacted with students.

#### **Session – 2: Patent filing and protection of idea through patents \_ 11:45AM to 01.45PM**

Mr. Nagarjun explored students on filing a patent with an example. He demonstrated entire filing process with the students and briefed about novelty search and prior art search. Students showed interest and interacted with speaker on conversion of innovative idea into business/startups.

#### **Session – 3: IP Management for startups \_ 02:00PM to 04.00PM**

At the beginning of session -3, Prof. Rajesh G.L, IP cell coordinator conducted quiz on IPR and patent filing process for participants. Upon quiz activity, resource person explained the role of IP management towards establishment of new startups. He illustrated IP tools and techniques which aids in enhancing entrepreneurship skills of an individual. The program ended with vote of thanks by Prof. Rajesh G.L, Coordinator, KSIT IP Cell at 4.00PM.

#### **Objectives / Key Highlights:**

- Understand IP tools & techniques to convert idea into business.
- Explore on patent filing process and IP management.

**Participant details - No. of Participants: 106**

Students (internal/external): Internal (4<sup>th</sup> Semester – CCE & CSE (ICB)) - 106

Faculty: Prof. Shashikala H.C. CCE & Prof. Rajashree M.B, CSE (ICB)

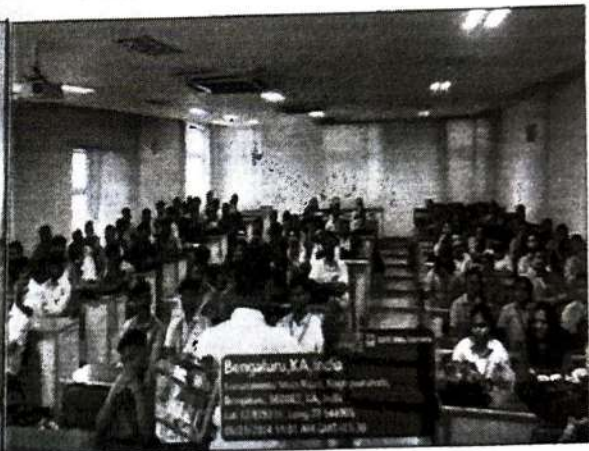
**Photos (Geo Tagged):**



**Welcoming speaker for the workshop    Address by Dr. Dilip Kumar K. Principal, KSIT**



**Mr. Nagarjun M. G interacted with the students and cleared queries related to IPR**



**Quiz activity for students**

**speaker briefing about IP management for startups**

**Outcomes / Benefits:**

- Students understood the need of IP tools & techniques to protect innovative ideas
- Understood the influence of IPR in managing the business.


**Attachments:**

1. Communication with Resources person
2. Resources person Profile
3. Evaluation and Feedback
4. Budget and Expenditure Details/amount

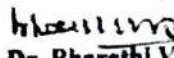
CO/PO&PSO Mapping - CCE & CSE (ICB)

CO/PO&PSO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO 1	PSO 2
Workshop	-	-	-	-	-	2	-	-	-	-	-	-	-	-
AVERAGE	-	-	-	-	-	2	-	-	-	-	-	-	-	-

PO6: The Engineer and Society: Apply Reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues, and the consequent responsibilities relevant to the CSE professional engineering practice

  
Mr. Rajesh G.L.

Coordinator, IP  
Cell

  
Dr. Bharathi V

Chief Coordinator, IP  
Cell

  
Dr. Chanda V Reddy

Head, CCE  
Head of the Department  
Dept. of Computers and Communication Engg.  
K. S. Institute of Technology  
Bengaluru - 560 109.

  
Dr. Ganga Holi

Head - CSE(ICB)  
Head of the Department  
Dept. of Computer Science Engg.  
(IoT, Cyber Security, Blockchain Tech.)  
K. S. Institute of Technology  
Bengaluru - 560 109.

  
Dr. Dilip Kumar K

Principal, KSIT  
PRINCIPAL  
K.S. INSTITUTE OF TECHNOLOGY  
BENGALURU - 560 109.



**K.S. INSTITUTE OF TECHNOLOGY, BANGALORE – 560109**

**DEPARTMENT OF COMPUTER SCIENCE AND DESIGN**



## **IOT Edge and Gateway**

### **PROJECT EXHIBITION**

**Date of Conduction: 30/10/2023 – 22/11/2023**

**Venue: KSIT COLLEGE**

**Time:9.30 AM TO 3.30 PM**

**Duration: 1 DAY**

**Sponsoring Bodies / Associating Organization: Nil**

**Expert Details – with photo**

**Name: Shaik Imam**



**Designation: SME and Corporate Trainer**

**Organization: Cranes Varsity Private Limited**

**Brief Profile about the Expert: He is very Proficient in Python, IOT, ESP 32 Application**

**Description of the Event: IOT Edge and Gateway**

- 1. IOT- skill lab and advanced Python Programming usage of ESP 32-WROOM**
- 2. LDR Sensor Module, IR Sensors, Motion Sensor**
- 3. Ultrasonic Sensor, Servo Motor, DC motor**
- 4. Buzzer, OLED, Moisture Sensor, Gas and Smoke Sensor**

**Objectives / Key Highlights: PYTHON PROGRAMMING, IOT, ESP 32-WROOM, Mini Project**

**Participant details - No. of Participants: 61**

**Students (internal/external): Internal**

**Faculty: SATHYA SHEELA D**

Photos:





**MINI PROJECT PICTURE:**







Video-url (if any): NIL.

**Outcomes / Benefits:** Students understood the Python programming concept.

Students understood the applications of ESP 32, IOT board and its interface

Students implemented mini Projects using ESP 32 board and its interfaces.

**Attachments:**

1. Communication with Resources person
2. Resources person Profile
3. Evaluation and Feedback
4. Budget and Expenditure Details/amount

**CO/PO&PSO mapping**

CO/PO&PSO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO 1	PSO 2
	3	3	3	3	3	3					3	3	3	3

*Sattiyachela*  
 Coordinator  
 CSD, KSIT

*Deela*  
 HOD  
 CSD, KSIT

*Srinivas*  
 Principal  
 KSIT



**K.S. INSTITUTE OF TECHNOLOGY, BANGALORE – 560109**

**DEPARTMENT OF COMPUTER SCIENCE AND DESIGN**



## **“UI-UX Design ”**

### **Workshop**

**Date of Conduction: 9/2/2024**

**Venue: KSIT COLLEGE**

**Time: 1.30 PM TO 5.30 PM**

**Duration: 1 DAY**

**Sponsoring Bodies / Associating Organization: Nil**

**Expert Details – with photo**

**Name: VAIBHAV PATHAK AND SOUMYA KUNDU**



**Designation: UI Designers**

**Organization: Philips**

#### **Brief Profile About the Expert:**

Mr. Soumya Kundu, a seasoned UX Designer and Mr. Vaibhav Pathak, a highly skilled and imaginative Product Designer currently contributing their expertise at Philips in Bengaluru, Karnataka, who were the speakers for the workshop.

#### **Description of the Event:**

Soumya and Vaibhav gave students an overview of Figma's features and benefits. They explained how to create basic shapes, icons, and buttons using Figma's vector tools, exploring colour palettes, typography, and styles for consistent UI design, organizing layers and using components for efficient design workflows. With this information, wireframes for a simple mobile app interface were designed followed by Linking screens and adding interactions to create a clickable prototype.

**Objectives / Key Highlights: Create a design for an application using UI/UX tools.**

**Participant details - No. of Participants: 58**

**Students (internal/external): Internal**

**Faculty: Sathya Sheela D**



Fig 1:Photos from workshops



Video-url (if any): NIL

Outcomes / Benefits:

EO#	EVENT OUTCOMES
EO1	Create a front end using Figma
EO2	Connect front and backend
EO3	Create products by using Figma for a particular application

Resources person Profile

1. Communication with Resources person
2. Resources person Profile
3. Evaluation and Feedback
4. Budget and Expenditure Details/amount

CO/PO&PSO mapping

EO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
EO1	2	2	2	-	-	2	2	-		-	2	2	2	2
EO2	2	2	2	-	-	2	2	-		-	2	2	2	2
EO3	2	2	2	-	-	2	2	-		-	2	2	2	2

Coordinator

*Pathyashree*

HOD

*Deepti*

*Shrinani*  
PRINCIPAL  
K.S. INSTITUTE OF TECHNOLOGY  
BENGALURU - 560 109.



## K.S. INSTITUTE OF TECHNOLOGY

## DEPARTMENT OF COMPUTER SCIENCE AND DESIGN

## Quiz of UI/UX Design Workshop

Sl No	E-mail	NAME	USN	What tool do you use for UI/UX design?	What is Figma?	Which of the following best describes Figma's design interface?	Can Figma be used on both Windows and macOS?	What type of design elements can be created in Figma?	Can Figma be used for designing mobile applications?
1	asnsreeya@gmail.com	A S N Sreeya	1KS21CG001	Figma	A cloud-based design tool	Intuitive and user-friendly	Yes, it is available on both platforms	User interfaces, icons, and illustrations	Yes, it supports mobile app design
2	abhilashapatil75@gmail.com	Abhilasha Patil	1KS21CG003	Figma	A cloud-based design tool	Intuitive and user-friendly	Yes, it is available on both platforms	User interfaces, icons, and illustrations	Yes, it supports mobile app design
3	anaghashastry16@gmail.com	Anagha Shastry	1KS21CG004	Figma	A cloud-based design tool	Intuitive and user-friendly	Yes, it is available on both platforms	User interfaces, icons, and illustrations	Yes, it supports mobile app design
4	Ankithadevlokam@gmail.com	Ankitha Devlokam	1KS21CG005	Figma	A project management tool	Intuitive and user-friendly	Yes, it is available on both platforms	User interfaces, icons, and illustrations	Yes, it supports mobile app design
5	arpithayadav305@gmail.com	Arpitha.G.R	1KS21CG006	Figma	A cloud-based design tool	Intuitive and user-friendly	Yes, it is available on both platforms	User interfaces, icons, and illustrations	Yes, it supports mobile app design
6	aaru0651@gmail.com	Arun. A	1KS22CG400	Figma	A cloud-based design tool	Intuitive and user-friendly	Yes, it is available on both platforms	User interfaces, icons, and illustrations	Yes, it supports mobile app design
7	veeraruchira75@gmail.com	B H Ruchira	1KS21CG007	Figma	A cloud-based design tool	Intuitive and user-friendly	Yes, it is available on both platforms	User interfaces, icons, and illustrations	Yes, it supports mobile app design
8	bp4135277@gmail.com	Badari Prasad M	1KS21CG008	Figma	A cloud-based design tool	Intuitive and user-friendly	Yes, it is available on both platforms	User interfaces, icons, and illustrations	Yes, it supports mobile app design
9	deepikachalla2003@gmail.com	Challa Deepika	1KS21CG011	Figma	A cloud-based design tool	Intuitive and user-friendly	Yes, it is available on both platforms	User interfaces, icons, and illustrations	Yes, it supports mobile app design
10	Chandhu192002@gmail.com	Chandrasekar A	1KS22CG401	Figma	A cloud-based design tool	Intuitive and user-friendly	Yes, it is available on both platforms	User interfaces, icons, and illustrations	Yes, it supports mobile app design
11	deepikasdeepu12@gmail.com	Deepika S	1KS21CG013	Figma	A cloud-based design tool	Intuitive and user-friendly	Yes, it is available on both platforms	User interfaces, icons, and illustrations	Yes, it supports mobile app design
12	deepthigb16@gmail.com	Deepthi G B	1KS21CG014	Figma	A cloud-based design tool	Intuitive and user-friendly	Yes, it is available on both platforms	User interfaces, icons, and illustrations	Yes, it supports mobile app design

Sl No	E-mail	NAME	USN	What tool do you use for UI/UX design?	What is Figma?	Which of the following best describes Figma's design interface?	Can Figma be used on both Windows and macOS?	What type of design elements can be created in Figma?	Can Figma be used for designing mobile applications?
13	dhanushbasa2002@gmail.com	Dhanush B K	1KS21CG015	Figma	A cloud-based design tool	Intuitive and user-friendly	Yes, it is available on both platforms	User interfaces, icons, and illustrations	Yes, it supports mobile app design
14	divya151951@gmail.com	Divya T.	1KS21CG016	Figma	A cloud-based design tool	Intuitive and user-friendly	Yes, it is available on both platforms	User interfaces, icons, and illustrations	Yes, it supports mobile app design
15	Pradeepchowdary0127@gmail.com	G Pradeep	1KS21CG017	Figma	A project management tool	Intuitive and user-friendly	Yes, it is available on both platforms	3D models and virtual reality environments	Yes, it supports mobile app design
16	shankargiri453@gmail.com	GIRI SANKAR	1KS21CG052	Figma	A cloud-based design tool	Intuitive and user-friendly	Yes, it is available on both platforms	User interfaces, icons, and illustrations	Yes, it supports mobile app design
17	govindsberty78@gmail.com	Govind V Shetty	1KS21CG019	Figma	A cloud-based design tool	Intuitive and user-friendly	Yes, it is available on both platforms	User interfaces, icons, and illustrations	Yes, it supports mobile app design
18	nandish24ks@gmail.com	K S NANDISH	1KS22CG403	Figma	A cloud-based design tool	Intuitive and user-friendly	Yes, it is available on both platforms	User interfaces, icons, and illustrations	Yes, it supports mobile app design
19	Karthikes357@gmail.com	Karthik C S	1KS21CG021	Figma	A cloud-based design tool	Intuitive and user-friendly	Yes, it is available on both platforms	User interfaces, icons, and illustrations	Yes, it supports mobile app design
20	keerthanalokesh1603@gmail.com	Keerthana lokesh	1KS21CG022	Figma	A cloud-based design tool	Spreadsheet-like interface	Yes, it is available on both platforms	User interfaces, icons, and illustrations	Yes, it supports mobile app design
21	kushalmj2525@gmail.com	Kushal MJ	1KS21CG025	Figma	A cloud-based design tool	Intuitive and user-friendly	Yes, it is available on both platforms	User interfaces, icons, and illustrations	Yes, it supports mobile app design
22	kurumpakira727@gmail.com	Kusum Pakira	1KS21CG026	Figma	A cloud-based design tool	Intuitive and user-friendly	Yes, it is available on both platforms	User interfaces, icons, and illustrations	Yes, it supports mobile app design
23	Mavursb21@gmail.com	Mayurganapati S.B	1KS22CG402	Figma	A cloud-based design tool	Intuitive and user-friendly	Yes, it is available on both platforms	User interfaces, icons, and illustrations	Yes, it supports mobile app design
24	nehamb08@gmail.com	Neha MR	1KS21CG028	Figma	A cloud-based design tool	Intuitive and user-friendly	Yes, it is available on both platforms	User interfaces, icons, and illustrations	Yes, it supports mobile app design
25	pavithraangadhar@gmail.com	Pavithraa G	1KS21CG030	Figma	A cloud-based design tool	Intuitive and user-friendly	Yes, it is available on both platforms	User interfaces, icons, and illustrations	Yes, it supports mobile app design
26	prateekbetas233@gmail.com	Prateek ch	1KS21CG03q	Figma	A cloud-based design tool	Spreadsheet-like interface	No, it is only available on macOS	User interfaces, icons, and illustrations	Yes, it supports mobile app design

Sl No	E-mail	NAME	USN	What tool do you use for UI/UX design?	What is Figma?	Which of the following best describes Figma's design interface?	Can Figma be used on both Windows and macOS?	What type of design elements can be created in Figma?	Can Figma be used for designing mobile applications?
27	praveenpowerstar779@gmail.com	Praveen Kumar	1KS22CG405	Figma	A cloud-based design tool	Intuitive and user-friendly	Yes, it is available on both platforms	User interfaces, icons, and illustrations	Yes, it supports mobile app design
28	parushothamvm383@gmail.com	Parushotham.v. mitti	1KS22CG404	Figma	A cloud-based design tool	Intuitive and user-friendly	Yes, it is available on both platforms	User interfaces, icons, and illustrations	Yes, it supports mobile app design
29	rsaiprakash123456789@gmail.com	R.Sai Prakash	1KS21CG033	Figma	A cloud-based design tool	Intuitive and user-friendly	Yes, it is available on both platforms	User interfaces, icons, and illustrations	Yes, it supports mobile app design
30	riyanair226@gmail.com	Riya Nair	1KS21CG034	Figma	A cloud-based design tool	Intuitive and user-friendly	Yes, it is available on both platforms	User interfaces, icons, and illustrations	Yes, it supports mobile app design
31	sahithyeddulapalli@gmail.com	Sahithi	1KS21CG059	Figma	A project management tool	Complex and difficult to navigate	Yes, it is available on both platforms	User interfaces, icons, and illustrations	Yes, it supports mobile app design
32	yeddulallisahithi@gmail.com	Sahithi	1KS21CG059	Figma	A project management tool	Intuitive and user-friendly	Yes, it is available on both platforms	User interfaces, icons, and illustrations	No, it is only for web design
33	sanjana.mourya19@gmail.com	SANJANA V	1KS21CG036	Figma	A cloud-based design tool	Intuitive and user-friendly	Yes, it is available on both platforms	User interfaces, icons, and illustrations	Yes, it supports mobile app design
34	sanjana.sreenivas.007@gmail.com	sanjana,sreenivas	1KS21CG035	Figma	A cloud-based design tool	Intuitive and user-friendly	Yes, it is available on both platforms	User interfaces, icons, and illustrations	Yes, it supports mobile app design
35	sanjayj86608@gmail.com	Sanjay P	1KS21CG037	Figma	A cloud-based design tool	Intuitive and user-friendly	Yes, it is available on both platforms	User interfaces, icons, and illustrations	Yes, it supports mobile app design
36	Sathyasairibs.2003@gmail.com	Sathya Sai Sri B S	1KS21CG038	Figma	A cloud-based design tool	Intuitive and user-friendly	Yes, it is available on both platforms	User interfaces, icons, and illustrations	Yes, it supports mobile app design
37	Savyashree05@gmail.com	Savya shree	1KS21CG039	Figma	A cloud-based design tool	Intuitive and user-friendly	Yes, it is available on both platforms	User interfaces, icons, and illustrations	Yes, it supports mobile app design
38	Shaliniyogitha@gmail.com	Shalini B	1KS21CG040	Figma	A cloud-based design tool	Intuitive and user-friendly	Yes, it is available on both platforms	User interfaces, icons, and illustrations	Yes, it supports mobile app design
39	sharathlucky1122@gmail.com	sharath N	1KS22CG406	Figma	A cloud-based design tool	Intuitive and user-friendly	Yes, it is available on both platforms	User interfaces, icons, and illustrations	Yes, it supports mobile app design
40	shreyasg0711@gmail.com	SHREYAS G	1KS21CG043	Figma	A cloud-based design tool	Intuitive and user-friendly	Yes, it is available on both platforms	User interfaces, icons, and illustrations	Yes, it supports mobile app design

Sl No	E-mail	NAME	USN	What tool do you use for UI/UX design?	What is Figma?	Which of the following best describes Figma's design interface?	Can Figma be used on both Windows and macOS?	What type of design elements can be created in Figma?	Can Figma be used for designing mobile applications?
41	mshreyas817@gmail.com	Shreyas.M	1KS21CG044	Figma	A cloud-based design tool	Intuitive and user-friendly	Yes, it is available on both platforms	User interfaces, icons, and illustrations	Yes, it supports mobile app design
42	mshreyas817@gmail.com	Shreyas.M	1KS21CG044	Figma	A cloud-based design tool	Intuitive and user-friendly	Yes, it is available on both platforms	User interfaces, icons, and illustrations	Yes, it supports mobile app design
43	kanthrajshruti@gmail.com	Shruti K Raj	1KS21CG045	Figma	A cloud-based design tool	Intuitive and user-friendly	Yes, it is available on both platforms	User interfaces, icons, and illustrations	Yes, it supports mobile app design
44	shrutham9725@gmail.com	Shruthi M	1KS22CG407	Figma	A cloud-based design tool	Intuitive and user-friendly	Yes, it is available on both platforms	User interfaces, icons, and illustrations	Yes, it supports mobile app design
45	sudarshanbabu2503@gmail.com	Sudarshan Babu A	1KS21CG046	Figma	A cloud-based design tool	Intuitive and user-friendly	Yes, it is available on both platforms	User interfaces, icons, and illustrations	No, it is only for web design
46	sudarshanbabu2503@gmail.com	Sudarshan Babu A	1KS21CG046	Figma	A cloud-based design tool	Intuitive and user-friendly	Yes, it is available on both platforms	User interfaces, icons, and illustrations	No, it is only for web design
47	Sumanthvshet387@gmail.com	sumanth v.shet	1KS21CG048	Figma	A cloud-based design tool	Intuitive and user-friendly	Yes, it is available on both platforms	User interfaces, icons, and illustrations	Yes, it supports mobile app design
48	sushilwaghmare10@gmail.com	Sushil waghmare	1KS22CG408	Figma	A cloud-based design tool	Intuitive and user-friendly	Yes, it is available on both platforms	User interfaces, icons, and illustrations	Yes, it supports mobile app design
49	tarunjangir0127@gmail.com	Tarun jangir	1KS21CG049	Figma	A cloud-based design tool	Intuitive and user-friendly	Yes, it is available on both platforms	User interfaces, icons, and illustrations	Yes, it supports mobile app design
50	tarunjangir0127@gmail.com	Tarun jangir	1KS21CG049	Figma	A cloud-based design tool	Intuitive and user-friendly	Yes, it is available on both platforms	User interfaces, icons, and illustrations	Yes, it supports mobile app design
51	thanutbanuthanu14@gmail.com	Thanuja	1KS21CG050	Figma	A project management tool	Spreadsheet-like interface	Yes, it is available on both platforms	3D models and virtual reality environments	No, it is only for web design
52	thejas23.05@gmail.com	Thejas B S	1KS21CG051	Figma	A cloud-based design tool	Intuitive and user-friendly	Yes, it is available on both platforms	User interfaces, icons, and illustrations	Yes, it supports mobile app design
53	vaishnavisuresh193@gmail.com	VAISHNAVIS	1KS21CG053	Figma	A cloud-based design tool	Intuitive and user-friendly	Yes, it is available on both platforms	User interfaces, icons, and illustrations	Yes, it supports mobile app design
54	varshithav763@gmail.com	Varshitha S	1KS21CG054	Figma	A cloud-based design tool	Intuitive and user-friendly	Yes, it is available on both platforms	User interfaces, icons, and illustrations	Yes, it supports mobile app design



Sl No	E-mail	NAME	USN	What tool do you use for UI/UX design?	What is Figma?	Which of the following best describes Figma's design interface?	Can Figma be used on both Windows and macOS?	What type of design elements can be created in Figma?	Can Figma be used for designing mobile applications?
55	monoj@gmail.com	Vareshtha Sridhar	1KS21CG055	Figma	A cloud-based design tool	Intuitive and user-friendly	Yes, it is available on both platforms	User interfaces, icons, and illustrations	Yes, it supports mobile app design
56	vidheeshaamma@gmail.com	Vidheesha TM	1KS21CG056	Figma	A cloud-based design tool	Intuitive and user-friendly	Yes, it is available on both platforms	User interfaces, icons, and illustrations	Yes, it supports mobile app design
57	Vignesh539@gmail.com	Vignesh	1KS21CG057	Figma	A project management tool	Intuitive and user-friendly	Yes, it is available on both platforms	User interfaces, icons, and illustrations	Yes, it supports mobile app design
58	Vishnavi@gmail.com	Vyshnavi SN	1KS21CG058	Figma	A cloud-based design tool	Text-based coding interface	Yes, it is available on both platforms	User interfaces, icons, and illustrations	Yes, it supports mobile app design
59	sahithyeddulapalli@gmail.com	Yeddulapalli Sahithi	1KS21CG059	Figma	A project management tool	Intuitive and user-friendly	Yes, it is available on both platforms	User interfaces, icons, and illustrations	No, it is only for web design

*Quipa*

HOD

Head of the Department  
Computer Science & Design  
K.S. Institute of Technology  
Bengaluru - 560 109.

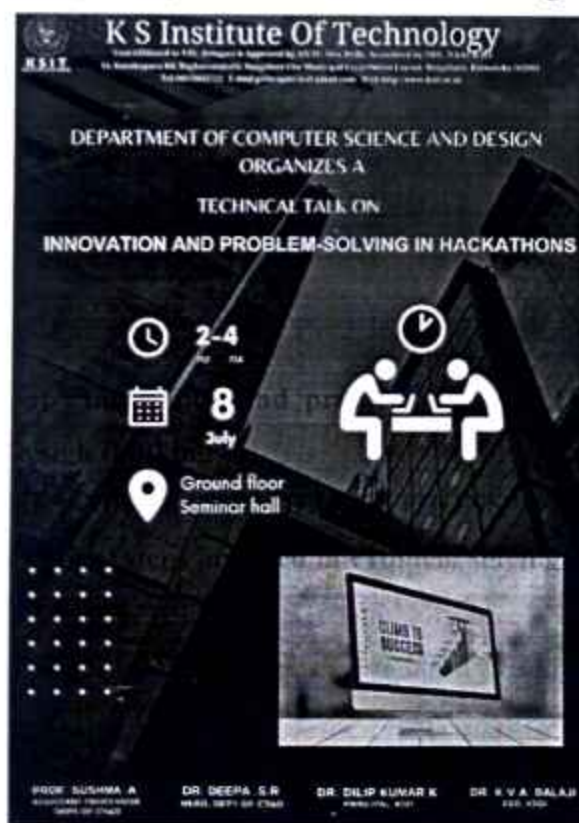


**K S INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF COMPUTER SCIENCE & DESIGN**  
**REPORT ON TECHNICAL TALK**  
**“Innovation and Problem solving in Hackthons”**

<b>Semester:</b>	3 <sup>rd</sup> Semester
<b>Event Type:</b>	Technical Talk
<b>Event Name:</b>	<b>“Innovation and Problem solving in Hackthons”</b>
<b>Date/Duration:</b>	26-07-2023
<b>Associated Professional Bodies</b>	IEL, Adroit Club
<b>No. of Students:</b>	67
<b>Speaker Details:</b>	
<b>Online link/Offline:</b>	Offline

**Event Objectives:**

- i) To provide deep insight about “Innovation and problem solving in Hackathons”.
- ii) To provide insight about “Design thinking”.
- iii) To Provide knowledge about “SMART INDIA HACKATHONS”.
- iv) To Provide basic understanding of steps involved in Problem solving in Hackathons.



Event description with pictures:

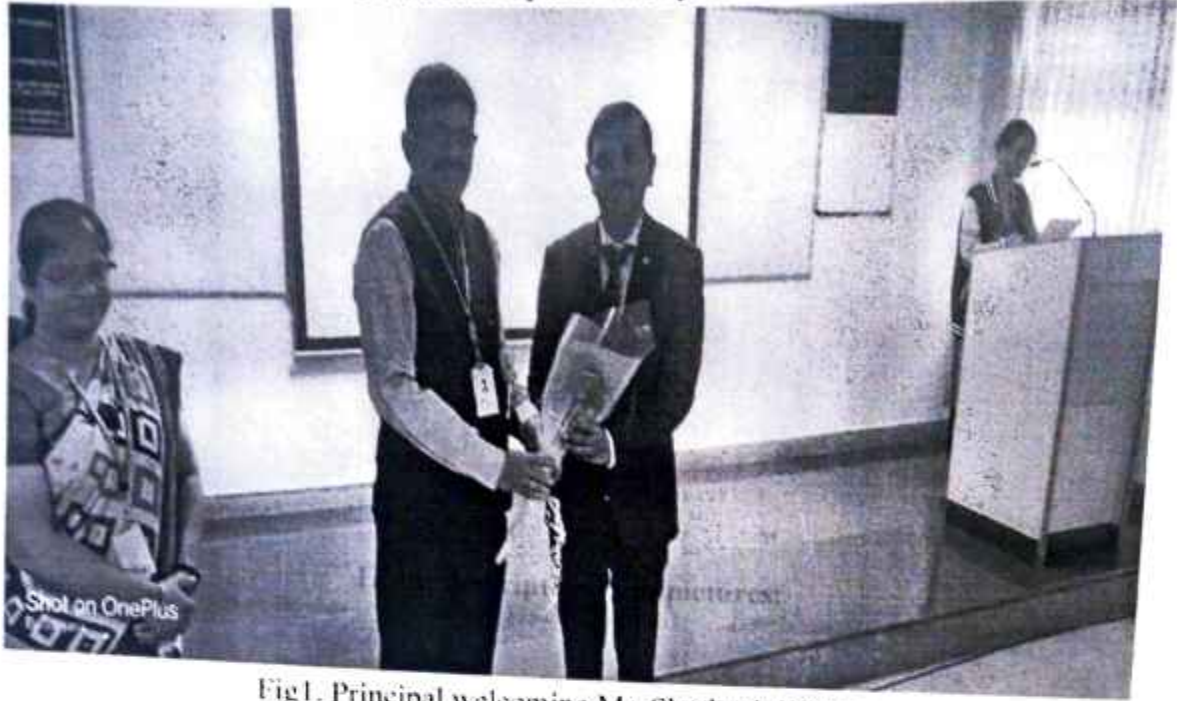


Fig1. Principal welcoming Mr. Shashank Krishna

"Innovation and problem solving in hackathon" a Technical talk was organized by the Head , Dr Deepa S R of the Department of "Computer Science and Design" on 8 July 2023.

The event started with the welcome address by the Principal of KSIT Dr.Dilip Kumar K.



Fig:2 Welcome address

The two Hour session was led by renowned expert **Mr Shashank Krishna**, Sir is an evaluator and a mentor for " **Smart India Hackathons**" and a Member of' interpole world 2019 Drone working group.

He has received many awards for his contribution to the society, he was also a nominee for Padma Shri 2020 for his work in the field of Science and Engineering.

During this session speaker covered several topics starting with Design thinking.

Speaker explained students Design thinking is not just about having an idea about design and giving the solution to it but it should be done in a particular order where it satisfy the different design thinking steps that includes ,

- **Empathice** :where one needs to collect information about what exactly then need to find solution for.
- **Define** :Ease in which they need to define the problem statement clearly.
- **Ideate**: In which they need to figure about the different solutions that can help solve the problem and in that select the one which is more efficient.
- **Prototype**: Is to check if the solution is working out better or if there as to be any changes to be made and lastly ,
- **The Test** :where they get feedback for the solution found to see if it can be improved .

Speaker spoke about the Innovation. "Innovation is thinking out of the box". It is to make a particular thing innovative yet keeping Its functionality unaffected. He took the example of a phone case where it has a magnetic disc attached to it which helps to charge wirelessly also at the same time it protects the phone Speaker also mentioned the different criteria any innovation has to satisfy. Firstly it should be user friendly and Modifiable.



Hackathon is a social coding event that brings the computer programmers and other interested people together to improve upon and build a new software program and hardware components as well. In this way people solve and find solution to different problem statement which is more simple and efficient.

Speaker told the students the importance of why one must participate and how it is going to help one in different aspects like employment knowledge etc.

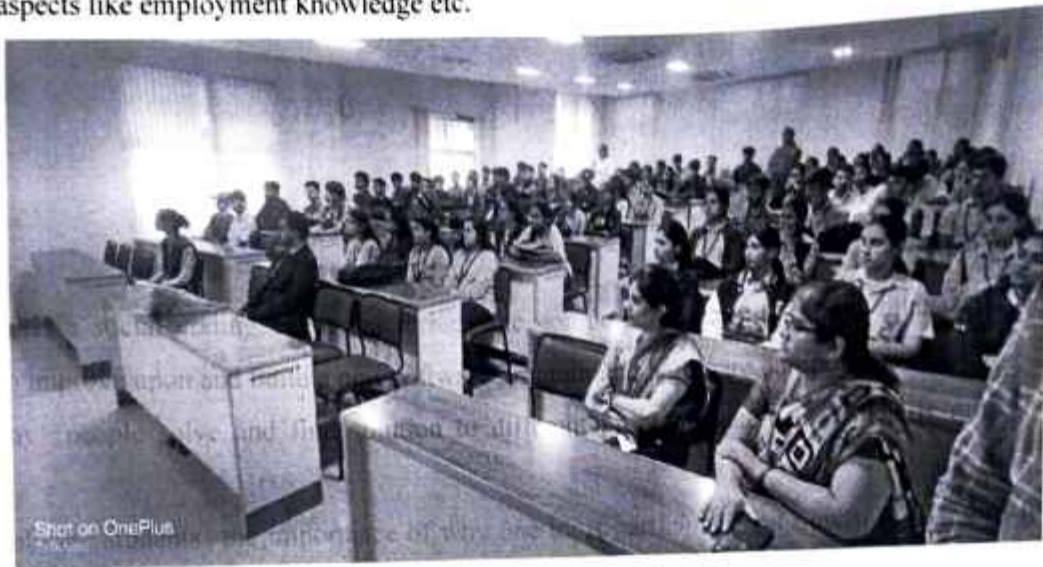


Fig 4: Students listening to the talk

**Mr Shashank** gave a deep insight about the different steps of Design thinking and the criterias of Innovation . He gave knowledge about the different rules one must follow during the Hackathon.

i. It could be one's behaviour, Team work ,The document submission which include simplest thing like mentioning the problem statement correctly, The knowledge about their work etc.

He told students one of the most important key is to keep the solution reality.

Then during the end of the session he briefed about the "Smart India Hackathon" throw a small video. Students were exposed to the working environment .

The Session ended by Q&A session by Speaker **Shashank Krishna** and Vote of thanks by the Department event co-ordinator **Prof Sushma A.**

EO#	EVENT OUTCOMES
EO1	Understand the basics of
EO2	Understand
EO3	Understand
EO4	Gain awar

### EO-PO Mapping

EO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
EO1	2	2	2	-	-	2	2	-	2	-	-	2	1	1
EO2	2	2	2	-	-	2	2	-	2	-	-	2	1	1
EO3	2	2	2	-	-	2	2	-	2	-	-	2	1	1
EO4	2	2	2	-	-	2	2	-	2	-	-	2	1	1
	2	2	2	-	-	2	2	-	2	-	-	2	1	1

3	Substantial (High) Correlation
2	Moderate (Medium) Correlation
1	Slight (Low) Correlation
-	No correlation.

PO's Attained: PO1, PO2, PO3, PO6, PO7, PO9, PO12

PSO's Attained: PSO1, PSO2

  
Event Coordinator

  
HoD

  
Principal



Attendance & Feedback Details

Name of the Event: Innovation and problem solving in hackathons

Date: 26<sup>th</sup> Jul 2023

Total number Student Participants:

Sl. No	Name	Feedback about the event & learning quotient				Signature of the participant
		Very Good	Good	Satisfactory	Unsatisfactory	
01	Deepika S	✓				Deepika S
02	Keerthana S	✓				Keerthana S
03	Dhanu B. K	✓				Dhanu B. K
04	G. Yogirani	✓				G. Yogirani
5.	B. N. Ruchira		✓			B. N. Ruchira
06	Shubitha . D	✓				Shubitha . D
07	D. Aarth	✓				D. Aarth
08	Anagha	✓				Anagha
09	Aparitha G. R	✓				Aparitha G. R
10	Karthik	✓				Karthik
11	Gairid	✓				Gairid
12	ASN Sreeya	✓				ASN Sreeya
13	Ahazhath. N		✓			Ahazhath. N
14	Divyanshu . T	✓				Divyanshu . T
15	Deepthi . G. B	✓				Deepthi . G. B
16	Sanjana Sreenivas	✓				Sanjana Sreenivas
17	Sadarshan Gabu	✓				Sadarshan Gabu
18	Sanjay . P	✓				Sanjay . P
	Niharith . G. K	✓				Niharith . G. K
	Prateek . C. H	✓				Prateek . C. H
21	Preetham H. V.	✓				Preetham H. V.
22	Shreyas . G	✓				Shreyas . G
23	R. Sai Prakash		✓			R. Sai Prakash
24	Sanjana . V	✓				Sanjana . V
25.	Neha . M. R	✓				Neha . M. R
26	Sattaru Sai Sri BS	✓				Sattaru Sai Sri BS
27	Shruti . K. Raj	✓				Shruti . K. Raj

# K. S INSTITUTE OF TECHNOLOGY

No.14, Raghuvanahalli, Kanakapura Road, Bengaluru - 560109

## DEPARTMENT OF COMPUTER SCIENCE & DESIGN

Technical Talk on Innovation & Problem Solving in Hackathons

08-07-2023

SL no	Student USN	Student Name	Signature
1	1KS21CG001	A S N SREEYA	
2	1KS21CG002	ABDUS SALAAM I	
3	1KS21CG003	ABHILASHA PATIL	
4	1KS21CG004	ANAGHA SHASTRY	
5	1KS21CG005	ANKITHA DEVLOKAM	
6	1KS21CG006	ARPITHA G R	
7	1KS21CG007	B H RUCHIRA	
8	1KS21CG008	BADARI PRASAD M	
9	1KS21CG009	BHARAT R	
10	1KS21CG011	CHALLA DEEPIKA	
11	1KS21CG012	DANDA AJITH KUMAR	
12	1KS21CG013	DEEPIKA S	
13	1KS21CG014	DEEPTHI G B	
14	1KS21CG015	DHANUSH B K	
15	1KS21CG016	DIVYA T	
16	1KS21CG017	G PRADEEP	
17	1KS21CG018	G YOGIRAM	
18	1KS21CG019	GOVIND VENKATESHA SHETTY	
19	1KS21CG020	HEMANTH M	
20	1KS21CG021	KARTHIK C S	
21	1KS21CG022	KEERTHANA LOKESH	
22	1KS21CG023	KEERTHANA S	
23	1KS21CG024	KEERTHANA S D	
24	1KS21CG025	KUSHAL M J	
25	1KS21CG026	KUSUM PAKIRA	
26	1KS21CG027	MONISHA M	
27	1KS21CG028	NEHA M R	
28	1KS21CG029	NISHANTH G K	
29	1KS21CG030	PAVITHRAA G	
30	1KS21CG031	PRATEEK C HIEMATH	
31	1KS21CG032	PREETHAM H V	
32	1KS21CG033	RAYALA SAI PRAKASHH	



33			
34	1KS21CG034	RIYA NAIR	riya
35	1KS21CG035	SANJANA SREENIVAS	Sanjana
36	1KS21CG036	SANJANA V	Sanjay.p.
37	1KS21CG037	SANJAY P	Sanjay
38	1KS21CG038	SATHYA SAI SRI B S	Bavyashree
39	1KS21CG039	SAVYASHREE S	Shalini.B.
40	1KS21CG040	SHALINI B	Shalini
41	1KS21CG041	SHISHIRA MOHAN	Shivani
42	1KS21CG042	SHIVANI ADHIKARI	Shreyas
43	1KS21CG043	SHREYAS G	Shreyas
44	1KS21CG044	SHREYAS M	Shreyas
45	1KS21CG045	SHRUTHI K RAJ	Shruthi
46	1KS21CG046	SUDARSHAN BABU A	Sudarshan
47	1KS21CG047	SUMANA R	Sumana
48	1KS21CG048	SUMANTH V SHET	
49	1KS21CG049	TARUN JANGIR	
50	1KS21CG050	THANUJA B	Thanuja B.
51	1KS21CG051	THEJAS B S	
52	1KS21CG052	UNUGURU GIRI SANKAR	U. Gir
53	1KS21CG053	VAISHNAVI S	
54	1KS21CG054	VARSHITHA S	Varshitha
55	1KS21CG055	VARSHITHA SRIDHAR	Varshitha
56	1KS21CG056	VIDHEESHA T M	Vidheesha
57	1KS21CG057	VIGNESH U	
58	1KS21CG058	VYSHNAVI S N	Vyshnavi
59	1KS21CG059	YEDDULAPALLI SAHITHI	Yeddulapalli
60	1KS22CG400	ARUN A	Chandrashekar A
61	1KS22CG401	CHANDRASHEKAR A	Chandrashekar A
62	1KS22CG402	MAYUR GANAPATHI S BADAGERI	Nandish.k.s
63	1KS22CG403	NANDISH K S	Nandish.k.s
64	1KS22CG404	PURUSHOTHAM V MITTI	Purushotham
65	1KS22CG405	PUTTUR PRAVEEN KUMAR	Puttur
66	1KS22CG406	SHARATH N	Sharath N
67	1KS22CG407	SHRUTI M	Shruti M
68	1KS22CG408	SUSHIL WAGHAMARE	Sushil Waghmare



# K S INSTITUTE OF TECHNOLOGY

INDUSTRY INSTITUTE INTERACTION CELL (IIC)

&

DEPARTMENT OF COMPUTER SCIENCE AND DESIGN

Raghuvanahalli, Kanakapura Road, Bengaluru - 560109

*In association with*

## AANS TECHNOLOGIES PVT LTD

Gnana Bharathi Main Rd, Chandra Layout Extension II Stage, Naagarabhaavi, Bengaluru 560072

*Jointly Organizing*

### One-Day Workshop on “Design Thinking, Critical Thinking and Innovation Thinking”

Venue: Seminar Hall, KSIT

Date: 12<sup>th</sup> January 2024 **Inaugural Function Schedule** Time: 8.45 am – 9.25 am

Time	Topic	Speaker
8.45 am – 8.50 am	Welcome by	Prof. Surekha Byakod, CSD
8.50 am – 8.55 am	Address by	Dr. Dilip Kumar Principal, KSIT
8.55 am – 9.05 am	Chief Guest address	Shri. K.S Ninge Gowda, Founder & CEO, AANS Technologies, Bengaluru.
9.05 am – 9.15 am	Address by	Dr. K.V.A Balaji, CEO, KSGI
9.15 am – 9.20 am	Address by	Dr. Deepa S.R, Head - CSD
9.20 am – 9.25 am	Vote of thanks	Mr. Rajesh G L Coordinator, IIC

**Mr. Rajesh G L**  
Chief Coordinator, IIC

Industry Institute Interaction Cell (IIC)  
K. S. INSTITUTE OF TECHNOLOGY  
BENGALURU - 560 109

**Dr. Deepa. S. R**  
Head – CSD

Head of the Department  
Computer Science & Design  
K.S. Institute of Technology  
Bengaluru - 560 109

**Dr. Dilip Kumar K**  
Principal & Director, KSIT

**PRINCIPAL**  
K.S. INSTITUTE OF TECHNOLOGY  
BENGALURU - 560 109.

### Programme Schedule

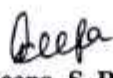
Date: 12 <sup>th</sup> January 2024		
Time	Topic	Speaker
8.45 am – 9.25 am	Inauguration	By Dignitaries
9.30 am – 11.00 am	Session – 1: Design Thinking	Shri. Dhiraj A Rao, Managing Director, AANS Technologies, Bengaluru
11.00 am – 11.15 am	<i>Break</i>	
11.15 am – 12.45 pm	Session – 2: Innovation Design	Shri. Kodandaram M.G, Advocate & Consultant, National Academy of Customs Indirect taxes and Narcotics (NACIN), Bengaluru
12.45 pm – 01.30 pm	<i>Lunch Break</i>	
1.30 pm – 3.00pm	Session – 3: Critical Thinking	Shri. Dhiraj A Rao, Managing Director, AANS Technologies, Bengaluru
3.00 pm – 3.30 pm	Valedictory function	By Dignitaries

Date: 12<sup>th</sup> January 2024 **Valedictory Function Schedule** Time: 3.00 pm – 3.45 pm

Time	Topic	Speaker
3.00 pm – 3.05 pm	Escorting the dignitaries	Prof. Surekha Byakod, CSD
3.05 pm – 3.10 pm	Address by	Dr. Dilip Kumar K, Principal, KSIT
3.10 pm – 3.15 pm	Address by	Dr. Deepa S.R, Head - CSD
3.15 pm – 3.20 pm	Feedback from participants 1 or 2 Participants	
3.20 pm – 3.30 pm	Issue of Certificates	
3.30 pm – 3.35 pm	Vote of thanks by Prof. Surekha Byakod, CSD	



**Mr. Rajesh G L**  
Chief Coordinator, IIIC



**Dr. Deepa S. R**  
Head – CSD



**Dr. Dilip Kumar K**  
Principal & Director, KSIT

Industry Institute Interaction Cell (IIIC)  
K. S. INSTITUTE OF TECHNOLOGY  
BENGALURU - 560 109

Head of the Department  
Computer Science & Design  
K.S. Institute of Technology  
Bengaluru - 560 109

K.S. INSTITUTE OF TECHNOLOGY  
BENGALURU - 560 109



# K. S INSTITUTE OF TECHNOLOGY, BENGALURU

14, Kanakapura Main Road, Raghuvanahalli, Bengaluru, Karnataka - 560109

Date: 09-01-2024

To,  
The Principal,  
K.S Institute of Technology,  
Bengaluru 560062

From,  
Mr. Rajesh G.L  
Chief Coordinator, IIIC  
KSIT



Subject: Workshop budget – Reg

Respected Sir,

As stated in the above subject, I am herewith providing the expected budget for one day workshop entitled "*Design thinking, critical thinking and innovation thinking*" by AANS Technology, to be held tentatively on 12<sup>th</sup> January 2024.

Please find the particulars of the same below;

Sl. No	Particulars	Amount
1	Resource person honorarium	6000/-
2	Bouquet	200/-
3	Miscellaneous	100/-
Total (Rupees Six thousand three hundred only)		6300/-


Thank you sir

Yours faithfully

  
09/01/24

Mr. Rajesh G.L  
IIIC - KSIT

Industry Institute Interaction Cell (IIIC)  
K. S. INSTITUTE OF TECHNOLOGY  
BENGALURU - 560 109

  
10/01/24  
Forwarded to Secretary, for kind approval

  
10/1/24



# K. S INSTITUTE OF TECHNOLOGY, BENGALURU

14, Kanakapura Main Road, Raghuvanahalli, Bengaluru, Karnataka - 560109

## INDUSTRY INSTITUTE INTERACTION CELL (IIIC)

Date: 11-01-2024



### CIRCULAR

### Workshop for 3<sup>rd</sup> Semester CSD Students

Industry-Institute Interaction Cell in association with Department of CSD is organizing One-Day Workshop entitled "Design thinking, critical thinking and Innovation thinking" on 12<sup>th</sup> January 2024 in Seminar Hall between 8.30AM – 3.30PM.

The workshop schedule and poster is attached for your reference.

Date: 12 <sup>th</sup> January 2024		
Time	Topic	Speaker
8.45 am – 9.25 am	Inauguration	By Dignitaries
9.30 am – 11.00 am	Session – 1: Design Thinking	Shri. Dhiraj A Rao, Managing Director, AANS Technologies, Bengaluru
11.00 am – 11.15 am		Break
11.15 am – 12.45 pm	Session – 2: Innovation Design	Shri. Kodandaram M.G, Advocate & Consultant, National Academy of Customs Indirect taxes and Narcotics (NACIN), Bengaluru
12.45 pm – 01.30 pm		Lunch Break
1.30 pm – 3.00pm	Session – 3: Critical Thinking	Shri. Dhiraj A Rao, Managing Director, AANS Technologies, Bengaluru
3.00 pm – 3.30 pm	Valedictory function	By Dignitaries

#### Note:

1. Students should attend all sessions without fail.
2. Students who have attended all three sessions are eligible to receive participation certificate.

01/01/24

Mr. Rajesh G.L.

11/1/24

Dr. Deepa S.R

11/1/24

Dr. Dilip Kumar K

Industry-Institute Interaction Cell (IIIC)  
K. S. INSTITUTE OF TECHNOLOGY  
BENGALURU - 560 109  
CCTO:

Head - CSD  
Head of the Department  
Computer Science & Design  
K.S. Institute of Technology  
Bengaluru - 560 109.

Principal, KSIT  
PRINCIPAL  
K.S. INSTITUTE OF TECHNOLOGY  
BENGALURU - 560 109.

- Class teacher of III Semester CSD
- IIIC Coordinators

CSD

## Contact

dhiraj\_jgd@yahoo.co.in

www.linkedin.com/in/dhiraj-abhimanyu-rao-08aa1a59  
(LinkedIn)

## Top Skills

Software Testing

Firmware

Manual Testing

# Dhiraj Abhimanyu Rao

Managing Director / Partner, AANS Technologies  
Bengaluru, Motivational Public Speaker, Creatologist, Corporate  
Trainer, Critical Thinking, IDT (Innovative And Design Thinking  
Trainer) As Per NEP 2020  
Bengaluru, Karnataka, India

## Experience

**AANS Technologies Bengaluru**  
Managing Director / Partner  
January 2020 - Present (4 years 1 month)  
Banaglore

**Birlasoft**  
Technical Leader  
December 2019 - January 2022 (2 years 2 months)  
Bengaluru, Karnataka, India

**LTI - Larsen & Toubro IES Integrated Engineering Services**  
Senior Software Engineer  
January 2013 - August 2016 (3 years 8 months)  
Mysore, Karnataka, India

**HP**  
Senior Software Engineer  
January 2011 - January 2013 (2 years 1 month)  
Bengaluru, Karnataka, India

**DRDO, Ministry of Defence, Govt. of India**  
Aerospace Engineer  
January 2006 - January 2011 (5 years 1 month)  
Banagalore

---

## Education

**Vivekananda Institute of Technology**  
Bachelor of Engineering - BE, Electrical, Electronics and Communications  
Engineering - (January 2000 - January 2004)

**PES UNIVERSITY, BANGLORE**



## **Dhiraj.A.Rao B.Tech (E&C)**

Dhiraj has 19+ years of Experience in Aerospace space domain which includes Software Development and Testing of the Airborne Software. Worked with D.R.D.O Ministry of Defense Government of India and was involved in Software certification of Military Aircrafts like Light Combat Aircraft (LCA), Hindustan Jet Trainer (HJT) and his expertise is in Cockpit Testing. And He is a resource person for Training aspirants of Competitive exams. He has been conducting training at various Corporate Sector and Engineering Colleges. He has worked with IT giants like Hewlett Packard, Larsen and Toubro, Birla soft.

His Key Areas are :

- Critical Thinking Workshop.
- Innovation Workshop.
- Induction Program and Orientation Program for the New Joiners.
- Personality Development workshop.
- Soft Skills Work shop.
- Group Discussion Work shop.
- Pre-Placement training for the Engineering Graduates

His Key highlights are Trained 50,000 + B.Tech Graduates till date and worked with Dr. A.P.J Kalam in D.R.D.O



**PROFILE**

**Mr. M. G. Kodandaram, IRS.  
Assistant Director (Retd)  
ADVOCATE and CONSULTANT**

**Master Trainer of GST** for CBIC, GOI  
Faculty, National Academy of Customs Indirect  
Taxes & Narcotics (NACIN),

**Member, State GST Committee, Federation of  
Karnataka Chambers of Commerce & Industry  
(FKCCI),**

**Member Expert Group on GST of Fiscal Policy  
Institute, GOK.**

**Advisor and Resource person@**

Karnataka State Council for Science and  
Technology (KSCST), GOK.

**Cell for IPR Promotion and Management  
(CIPAM), GOI.**

**Visweswaraya Trade Promotion Centre  
(VTPC), GOK.**

Founder members, Foundation of Data  
Protection Professionals in India (FDPPI)

**Educational Qualification:**

- B.Sc, LLB., PG Diploma in
- National Social service (NSS)
- Business Administration (Josephs)
- IPR Law (NLSIU)
- Cyber Law and Cyber Forensics (NLSIU)

Mobile No: 98452 06895

Email: [mgkodandaram@gmail.com](mailto:mgkodandaram@gmail.com)

**Residential address:** 50, 'SRIRANAGA',  
Ramanuja Road, 9 B cross, Hennur Cross,  
[near shaneeshwara temple], Bangalore  
500043.

Phone [Resi]: 080-25446283



**Date of joining the Service**  
30.12.1981.

**Date of Retirement on  
superannuation - 31/05/2018**

Recipient of *Sanman Award* from  
CBIC.

**outstanding Faculty of NACIN** for his  
contribution in the field of training and  
capacity building.

**Author of the books titled -**

1. GST at a glance – Concept, Law &  
Procedure.
2. GST Classification
3. a practical guide to GST  
practitioners' examination
4. GST Law - Ready Reckoner

All published by KARNATAKA LAW  
JOURNAL PUBLICATIONS(KLJ).



### Professional Experience:

In Public service as an Executive in Central Board of Indirect Taxes [CBIC] since 1981. He served in all important formations. Has served as Air intelligence officer at Sahara international Airport. He is a Regular In-House Faculty at NACIN from over 20 years, a Master Trainer for CBIC, GOI on GST and Guest resource person and faculty in over 60 training Institutes/Academies. He has trained thousands of officers on taxation and related laws viz., Customs, Goods and Services Tax (GST), Excise, Service Tax, Foreign Trade Policy, Intellectual Property Rights (IPR) Law, Right To Information (RTI), Foreign Exchange Management Act (FEMA), Special Economic Zones (SEZ), Criminal Procedure Code (CrPC), Indian Penal Code (IPC), Investigation, Cyber Law, Cyber forensic, Indian privacy regime, Environmental laws etc., Over 190 articles by him have been published by various journals and magazines. He has handled over 2500 sessions (since 2012-13) on the above topics to various trade bodies, Government authorities and tax practitioners. Known for his pleasing personality & helping nature, Kodandaram is a vivid reader of Indian Scriptures too.



Shri Arun Jaitley, the Finance Minister, GOI, during celebration of Founding Day by NACIN, on Sunday, 1<sup>st</sup> October 2017 felicitated M.G.Kodandaram as the outstanding Faculty of NACIN for his contribution in the field of training and capacity building.



Shri. Vivek Johri, Chairman, CBIC Released the book titled GST Law - Ready Reckoner – Authored by M G Kodandaram, at Central Revenue Building, Bangalore on 12.09.2022



Received 'Privacy Advocate of the year 2023' award at the IDPS 2023 International Privacy Summit conducted by FDPPI and Manipal Law School from Hon. Dr. Justice H. B. Prabhakara Shastri on 25 November 2023.

#### Sessions by M G Kodandaram

year	No of sessions	RECENT PAPERS / ARTICLES PUBLISHED	
2012-16	548	ON GST	81
2016-17	227	ON IPR	60
2017-18	189	ON CYBER AND PRIVACY LAW	22
2018-2019	243	ON ENVIRONMENT LAW	6
2019-2020	309	ON CUSTOMS	25
2020-2021	199	ON OTHER TOPICS	14
2021-2022	373	Total published article up to Dec 2023	208
2022-2023	343		
2023-24 (up to dec 2023)	222		
<b>TOTAL</b>	<b>2653 sessions</b>		



# K.S. INSTITUTE OF TECHNOLOGY, BENGALURU

## INDUSTRY INSTITUTE INTERACTION CELL (IIIC)

&



### DEPARTMENT OF COMPUTER SCIENCE AND DESIGN

Attendance for One-Day Workshop entitled "Design Thinking, Critical Thinking & Innovation Thinking" held on 12<sup>th</sup> January 2024

Session - 1: Design Thinking (9.30AM - 11.00AM)

Branch: CSD (3<sup>rd</sup> semester)

Sl. No	USN	Name	Signature
01	UKS22CG018	Dhanush.S.	
02	1KS22CG033	Gowind.N	
03	1KS22CG010	Chingy.H	
04	1KS22CG024	Likhitb.M.S	
05	1KS22CG042	Sai Kiran.K	
06	1KS22CG044	Shishir.S.Dheep	
07	1KS22CG047	Shrisha.Joshi	
08	1KS22CG031	Manoj.S	
09	1KS22CG055	Umesh.L	
10	1KS22CG049	Stiniidhi.N	
11	1KS22CG030	MANOJ.K	
12	1KS22CG052	Sunil.K	
13	1KS22CG023	Kushal Gowda.S.R	
14	1KS22CG008	Ajay.HM	
15	1KS22CG032	Mohammad kaff	
16	1KS22CG015	Gollo.Sukumar	
17	1KS22CG018	Himanshu Sharma	
18	1KS22CG027	Mahmood Zayaan Khan	
19	1KS22CG058	Venu Prasad.A	
20	1KS22CG011	Dayanidhi.S	
21	1KS22CG012	Deeksha.C	
22	1KS22CG009	Charvita Rao Puar	
23	1KS22CG007	Chaitra.P	
24	1KS22CG059	wikhe.datta	
25	1KS22CG003	Amida.S	





K.S. INSTITUTE OF TECHNOLOGY, BENGALURU

INDUSTRY INSTITUTE INTERACTION CELL (IIC)

&



DEPARTMENT OF COMPUTER SCIENCE AND DESIGN

Attendance for One-Day Workshop entitled "Design Thinking, Critical Thinking & Innovation Thinking" held on 12<sup>th</sup> January 2024

Session - 2: Innovation Thinking (11.15AM - 12.45PM)

Branch: CSD (3<sup>rd</sup> semester)

Sl. No	USN	Name	Signature
1	1KS22CG062	Yashika. B.R	Yashika
2	1KS22CG021	Jnanalinee.T.R.	Jnanalinee.
3	1KS22CG053	Jriya.Hiremath	Jriya
4	1KS22CG003	Amita.S	Amita
5	1KS22CG051	Srushti	Srushti
6	1KS22CG012	Deeksha.C	Deeksha
7	1KS22CG005	Charvita Rao Pavar	Charvita
8.	1KS22CG007	Chaitra.P	Chaitra
9.	1KS22CG059	Wibha datta	Wibha datta
10.	1KS22CG018	Himanshu sharma	Himanshu
11	1KS22CG027	Mahmood Zayaan Khan	Zayaan
12	1KS22CG011	Dayanidhis	Dayanidhis
13.	1KS22CG055	Umesh.L	Umesh.L
14.	1KS22CG049	Srinidhi.N	N. Srinidhi
15.	1KS22CG030	MANOJ.K	Manoj.K
16.	1KS22CG052	Sunila.K	Sunila
17.	1KS22CG058	Venu Prasad.A	Venu
18	1KS22CG032	Kasf.A.D	Kasf
19	1KS22CG015	Golla.Sukuma	Golla
20	1KS22CG042	Sai Kiran.K.	Sai Kiran
21	1KS22CG047	Shrista. Joshi	Shrista
22	1KS22CG044	Shrista	Shrista
23	1KS22CG031	Manoj.S	Manoj
24	1KS22CG024	L.Rhith.H.S	L.Rhith
25	1KS22CG023	Kushal Gouda.S R	Kushal





# K.S. INSTITUTE OF TECHNOLOGY, BENGALURU

## INDUSTRY INSTITUTE INTERACTION CELL (IIC)

&

### DEPARTMENT OF COMPUTER SCIENCE AND DESIGN

Attendance for One-Day Workshop entitled "Design Thinking, Critical Thinking & Innovation Thinking" held on 12<sup>th</sup> January 2024

Session - 3: Critical Thinking (01.30PM - 03.00PM)

Branch: CSD (3<sup>rd</sup> semester)

Sl. No	USN	Name	Signature
1	1KS22CG062	Yashita. B.R.	Yashita
2	1KS22CG021	Jnanashree. T.R.	Jnanashree
3	1KS22CG003	Amrita. S	Amrita
4.	1KS22CG053	Juiya. Hiremath	Juiya
5.	1KS22CG051	Srushti	Srushti
6.	1KS22CG012	Deeksha. C	Deeksha
7.	1KS22CG009	Charvita Rao Pawar	Charvita
8.	1KS22CG007	Chaitra. P	Chaitra
9.	1KS22CG059	Vidha	Vidha
10	1KS22CG024	Likhith	Likhith
11	1KS22CG027	Zayam	Zayam
12	1KS22CG011	Daya Midhi	Daya
13.	1KS22CG030	MANOJ. K	Manoj. K
14.	1KS22CG055	Umesh. L	Umesh. L
15.	1KS22CG049	Srinidhi. N	N. Srinidhi
16	1KS22CG045	Shravan B. G	Shravan
17	1KS22CG041	Saakshi. V.	Saakshi
18.	1KS22CG056.	Vaishnavi	Vaishnavi
19.	1KS22CG046	Shruti Lakshmi	Shruti Lakshmi
20	1KS22CG056	Birudhaseel V.	Birudhaseel.
21	1KS22CG048	Sparshita. P	Sparshita
22	1KS22CG016	Haritha P	Haritha P
23	1KS22CG014	E-Durga Maiti	Durga.
24	1KS22CG025	Madhusree PM	Madhusree. P.M
25	1KS22CG005	Anuha P.R	Anuha





**K.S. INSTITUTE OF TECHNOLOGY, BANGALORE**



**Industry-Institute Interaction Cell**

**&**

**Department of Computer Science & Design**

**One-Day Workshop on**

**“DESIGN THINKING, CRITICAL THINKING AND INNOVATION THINKING”**

**Date of Conduction: 12<sup>th</sup> January 2024**

**Venue: Seminar Hall, Ground Floor**



**Time: 8.45AM –3.45PM**

**Duration: 01 Days (06 Hours)**


**Associating Organization: AANS Technologies, Bengaluru**



**Expert Details – with photo**

<b>NAME</b>	<b>DESIGNATION</b>	<b>ORGANIZATION</b>	<b>PHOTO</b>	<b>Brief about expert</b>
<b>Shri. Dhiraj A Rao</b> <u>Session 1: 9.30 am - 11.00 am</u>	<b>Managing Director</b>	<b>AANS Technologies, Bengaluru</b>		He has 19+ years of Experience in Aerospace space domain which includes Software Development and Testing of the Airborne Software. He has been conducting training at various Corporate Sector and Engineering Colleges. He has worked with IT giants like Hewlett Packard, Larsen and Toubro, Birla soft.
<b>Shri. M.G Kodandaram</b> <u>Session 2: 11.15 am - 12.45 pm</u>	<b>Assistant Director of Customs and Central Excise (retired); Advocate and consultant,</b>	<b>IRS, National Academy of Customs Indirect taxes and Narcotics (NACIN), Govt. of India</b>		He has 42+ year of experience as advocate and consultant at NACIN. He has trained thousands of officers in the department on taxation laws - Excise, Customs and Service Tax and Foreign Trade Policy, Intellectual Property Rights Law, Right To Information, Goods and Services Tax etc.



<p><b>Shri. K.S Ninge Gowda</b></p> <p><u>Session 3:</u> 01.30 pm - 03.00 pm</p>	<p><b>Joint Commissioner of Commercial taxes GST(Rtd), GoK</b></p> <p><b>&amp;</b></p> <p><b>Founder &amp; Chairman</b></p>	<p><b>AANS Technologies, Bengaluru</b></p>		<p>He served as Asst. Commissioner, Deputy commissioner, joint commissioner in commercial taxes department in various areas. Currently the founder and chairman of AANS Technologies, conducting skill development programs for the students and corporates.</p>
--	---	--	---	--

### **Description of the Event: Inaugural function**

Registrations for One-Day workshop started at 8.30AM near reception area on 12th January 2024. With the arrival of Chief guest Shri. K.S Ninge Gowda, Founder & Chairman AANS Technologies, Bengaluru and dignitaries, inaugural function started with invocation song followed by lighting the lamp in seminar hall, ground floor at 8.45AM. Dr. Dilip Kumar K, Principal & Director, welcomed the chief guest and briefed about the workshop objectives to the participants. Shri. K.S Ninge Gowda, chief guest of function, explained about benefits of critical thinking and its role in growth of an individual. Importance of design thinking, types of thinking with case studies were briefed by Dr. K.V.A Balaji, CEO, KSGI. Dr. Deepa S.R, Head – Department of Computer science and design, outlined workshop schedule and informed participants to involve and get benefited from the event. The inaugural function ended with vote of thanks by Mr. Rajesh G.L, Chief Coordinator, Industry-Institute Interaction Cell at 9.25AM.

### **Session 1: 9.30 am - 11.00 am – “Design thinking”**

Session 1 started at 09.30AM in seminar hall, ground floor by welcoming the resource person. Shri. Dhiraj A Rao discussed various aspects of design thinking with case studies. Participants interacted with expert and understood the role of design thinking in an individual’s growth.

Further, Expert conducted quiz/interaction session related to out of box thinking and design considerations at the end of the session.

### **Session 2: 11.15 am - 12.45 pm – “Innovation thinking”**

Shri. M.G Kodandaram, Assistant Director of Customs and Central Excise (retired); Advocate and consultant, IRS, National Academy of Customs Indirect taxes and Narcotics (NACIN), Govt. of India, delivered interactive session entitled “Innovation thinking” at 11.25AM in seminar hall, ground floor. He briefed about the meaning of innovation, types of innovation, importance and its role in economic development of an entrepreneur. He also explained benefits of commercializing the innovative ideas into business process with examples and case studies.

The session ended with video presentation of an entrepreneur “J. Gunasekaran, founder, Sittruli Trust” who was awarded “best innovator” at 14th NCPEDP-Mphasis Universal Design Awards.

### **Session 3: 01.30 pm - 03.00 pm – “Critical thinking”**

Session on “Critical thinking” was delivered by Shri. K.S. Ninge Gowda, founder & chairman of AANS Technologies at 01.35PM. He interacted with participants with live examples and explained about out of box thinking and its benefits. Later he informed participants to create two groups with 30 numbers in a group and conducted quiz activity on design and critical thinking. Session ended at 3.05PM.

## Valedictory function

Upon successful completion of all three sessions, valedictory function started at 3.15PM by welcoming the dignitaries on to the stage by Prof. Surekha B, Asst. Prof. CSD. Chief guest Shri. K.S Ninge Gowda thanked the management, principal and organizing member of the workshop and appreciated the enthusiasm of the participants. Feedback from two participants (Ms. Srushti & Ms. Yashita B.R, 3rd semester, CSD) was noted and function ended with vote of thanks by Prof. Surekha B, CSD at 3.45PM.

## Photos (Geo Tagged): Glimpse of Inaugural function



Welcome address by Dr. Dilip Kumar K, Principal KSIT

Address by Dr. K.V.A Balaji, CEO, KSGI



Address by Dr. Deepa S.R, Head - CSD

## Glimpse of Sessions:



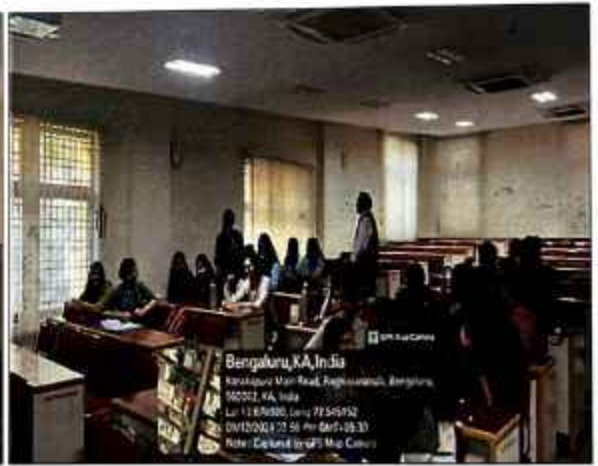
Session 1 delivered by Shri. Dhiraj A Rao on "Design thinking"



**Session 2 delivered by Shri. M.G Kodandaram on “Innovation thinking”**



**Session 3 jointly delivered by Shri. KS Ninge Gowda and Shri Dhiraj A Rao on “Critical thinking”**



**Quiz activity conducted during the workshop on “out of box thinking” and “critical thinking”**

**Glimpse of Valedictory function:**



**Feedback from participants**

**Objectives / Key Highlights:**

- Understand importance of innovation/design thinking.
- Explore benefits of out of box thinking and its commercialization

**Participant details - No. of Participants: 42**

**Faculty (internal/external): Internal - 42**

**Workshop Coordinators: Prof. Surekha B, Asst. Prof. CSD.**

**Outcomes / Benefits:**

- Participants understood how to commercialize innovative idea into a business through critical thinking.
- Explored the benefits of design thinking with case studies.

**Attachments:**

1. Communication with Resource person
2. Resource person Profile
3. Budget & Expenditure
4. Evaluation and Feedback

**CO/PO&PEO Mapping (CSD)**

CO/PO&PSO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PEO 1	PEO 2	PEO 3
Workshop	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1
Average	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1

**PEO1: Exhibit design skills and become an excellent employee in the interdisciplinary field.**

**PEO2: Exhibit creative thinking and continue learning through higher studies and research.**

**PEO3: Proficient in solving real-life problems related to innovation through teamwork and ethics.**

**Mr. Rajesh G.L**

Chief Coordinator - IIIC

Industry Institute Interaction Cell (IIIC)  
K.S. INSTITUTE OF TECHNOLOGY  
BENGALURU - 560 109

**Dr. Deepa S.R**

Head - CSD

Head of the Department  
Computer Science & Design  
K.S. Institute of Technology  
Bengaluru - 560 109.

**Dr. Dilip Kumar K**

Principal, KSIT

PRINCIPAL -  
K.S. INSTITUTE OF TECHNOLOGY  
BENGALURU - 560 109.



K.S. INSTITUTE OF TECHNOLOGY, BANGALORE – 560109

DEPARTMENT OF COMPUTER SCIENCE AND DESIGN



## “Solid Waste Management and Sustainable Living ”

### Technical Talk

**Date of Conduction:** 1/2/2024

**Venue:** KSIT COLLEGE

**Time:** 10.30 AM TO 12.30 PM

**Duration:** 1 DAY

**Sponsoring Bodies / Associating Organization:** Nil

**Expert Details – with photo**

**Name:** Vasuki Iyengar



**Designation:** Director

**Organization:** Soil & Health Solution

**Brief Profile About the Expert:**

Vasuki Iyengar is a waste management consultant with 9+ years of experience in Biodegradable waste management. He is a member of the Solid Waste Management Round Table since 2018. He is the founder of Soil and Health Solutions – A social enterprise since 2016 and he has designed various cost-effective composting solutions. They are DIY - do-it-yourself solutions for homes, communities like apartments as well as large-scale composting.

**Description of the Event:**

The Session started with a brief explanation of how soil health is affecting human health. The dumping of garbage near our vicinity and the use of plastics and other materials that cannot be reused.

**Objectives / Key Highlights:**

- To know about the adverse effects of using plastics.
- To provide an understanding of the management of solid waste.
- To understand composting a process that converts wet waste into manure
- To learn about the different ways of increasing the organic content of the soil.

**Participant details - No. of Participants:** 120

**Students (internal/external):** Internal

**Faculty:** AMMU BHUVANA D



**Fig 1 Welcome address**



**Fig 2 Dumping in our Vicinity**



Video-url (if any): Nil.

**Outcomes / Benefits:**

EO#	EVENT OUTCOMES
EO1	To avoid the use of plastic
EO2	To convert wet waste into manure by composting
EO3	To learn about different ways of composting

**Resources person Profile**

1. Communication with Resources person
2. Resources person Profile
3. Evaluation and Feedback
4. Budget and Expenditure Details/amount

**CO/PO&PSO mapping**

EO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
EO1	2	2	2	-	-	2	2	-		-	2	2	1	1
EO2	2	2	2	-	-	2	2	-		-	2	2	1	1
EO3	2	2	2	-	-	2	2	-		-	2	2	1	1



**Coordinator  
CSD, KSIT**



**HOD**

**CSD, KSIT**

Department of Computer Science & Design  
K.S. Institute of Technology  
Bengaluru - 560 109



**Principal**

**KSIT**

PRINCIPAL  
K.S. INSTITUTE OF TECHNOLOGY  
BENGALURU - 560 109.

**K.S. Institute of Technology**  
**DEPARTMENT OF COMPUTER SCIENCE AND DESIGN**

SI NO	USN	Name of the Student	1.Rate the Presentation Skill of the Speaker	2. Is this Talk useful	Email-d
1	1KS22CG018	Himanshu Sharma	Excellent	YES	himanshu@gmail.com
2	1KS21CG015	Dhanush B K	Good	YES	dhanush@gmail.com
3	1ks22cg037	Prajwal	Good	YES	prajwal@gmail.com
4	1KS21CG011	Challa Deepika	Excellent	YES	challa@gmail.com
5	1KS21CG026	Kusum Pakira	Good	YES	kusum@gmail.com
6	1KS22CG011	Dayanidhi s	Excellent	YES	dayanidhi@gmail.com
7	1ks22cg009	Charvita Rao pavar	Excellent	YES	charvita@gmail.com
8	1ks22cg009	Charvita Rao pavar	Excellent	YES	charvita@gmail.com
9	1KS21CG047	Sumana R	Excellent	YES	sumana@gmail.com
10	1KS22CG049	Srinidhi N	Excellent	YES	srinidhi@gmail.com
11	1KS22CG007	Chaitra.p	Good	YES	chaitra@gmail.com
12	1KS22CG002	AJAY H M	Excellent	YES	ajay@gmail.com
13	1KS22CG004	P Anudeep	Excellent	YES	p@gmail.com
14	1KS22CG012	Deeksha.c	Good	YES	deeksha@gmail.com
15	1KS22CG019	Hrushikesh.R	Very Good	YES	hrushikesh@gmail.com
16	1ks22cg014	E Durga Maitri	Good	YES	e@gmail.com
17	1KS 22CG057	Vaishnavi A	Fair	YES	vaishnavi@gmail.com
18	1ks22cg016	Harshitha	Excellent	YES	harshitha@gmail.com
19	1KS22CG051	Srushti	Excellent	YES	srushti@gmail.com
20	1KS22CG055	Umesh.L	Fair	YES	umesh@gmail.com
21	1KS22CG401	Chandrasekar A	Excellent	YES	chandrasekar@gmail.com
22	1KS21CG055	Varshitha Sridhar	Excellent	YES	varshitha@gmail.com
23	1KS21CG056	Vidheesha TM	Excellent	YES	vidheesha@gmail.com
24	1Ks22cg052	sunila k	Excellent	YES	sunila@gmail.com
25	1KS22CG003	Amita	Good	YES	amita@gmail.com
26	1KS22CG053	Triya H	Fair	YES	triya@gmail.com
27	1KS22CG027	Mahmood Zayaan Khan Nizar	Excellent	YES	mahmood@gmail.com
28	1KS22CG038	Pranathi MG	Very Good	YES	pranathi@gmail.com
29	1ks22cg041	Saakshi	Good	YES	saakshi@gmail.com
30	1ks22cg020	Jeevika	Good	YES	jeevika@gmail.com
31	1KS22CG055	Umesh.L	Fair	YES	umesh@gmail.com
32	1KS22CG032	Kaif	Fair	YES	kaif@gmail.com
33	1KS22CG015	Golla sukumar	Excellent	YES	golla@gmail.com
34	1KS22CG039	Rahul P Trivedi	Excellent	YES	rahul@gmail.com
35	1KS21CG048	sumanth v shet	Fair	YES	sumanth@gmail.com
36	1KS21CG038	SATHYA SAI SRI B S	Good	YES	sathya@gmail.com
37	1KS21CG051	Thejas B S	Excellent	YES	thejas@gmail.com
38	1KS21CG036	SANJANA V	Excellent	YES	sanjana@gmail.com
39	1ks21cg046	Sudarshan Babu A	Good	YES	sudarshan@gmail.com
40	1ks21cg049	Tarun jangir	Good	YES	tarun@gmail.com
41	1KS21CG015	Dhanush B K	Good	YES	dhanush@gmail.com
42	1KS21CG040	Shalini B	Good	YES	shalini@gmail.com
43	1KS21CG034	Riya Nair	Good	YES	riya@gmail.com
44	1ks21cg047	Sumana R	Excellent	YES	sumana@gmail.com
45	1KS22CG402	Mayurganapati S Badgeri	Excellent	YES	mayurganapati@gmail.com
46	1ks21cg023	Keerthana S	Excellent	YES	keerthana@gmail.com
47	1KS21CG004	Anagha Shastry	Good	YES	anagha@gmail.com
48	1KS21CG045	Shrusti K Raj	Excellent	YES	shrusti@gmail.com
49	1KS22CG025	Madhusri P M	Excellent	YES	madhusri@gmail.com
50	1KS22CG043	Shashank M	Excellent	YES	shashank@gmail.com
51	1ks21cg059	Sahithi	Good	YES	sahithi@gmail.com
52	1KS21CG044	Shreyas M	Good	YES	shreyas@gmail.com
53	1KS22CG404	Purushotham.v.mitti	Excellent	YES	purushotham@gmail.com
54	1ks21cg046	Sudarshan Babu A	Good	YES	sudarshan@gmail.com
55	1KS21CG022	Keerthana lokesh	Excellent	YES	keerthana@gmail.com
56	1KS21CG054	Varshitha S	Excellent	YES	varshitha@gmail.com
57	1KS21CG031	Prateek ch	Fair	YES	prateek@gmail.com
58	1KS22CG004	P Anudeep	Excellent	YES	p@gmail.com
59	1KS22CG403	NANDISH K S	Good	YES	nandish@gmail.com
60	1KS21CG055	Varshitha Sridhar	Excellent	YES	varshitha@gmail.com



61	1KS21CG004	Anagha Shastry			
62	1KS21CG028	NEHA MR	Good	YES	anagha@gmail.com
63	1KS22CG035	PT. ARCHISHA	Good	YES	neha@gmail.com
64	1KS22CG029	Manavi B M	Good	YES	pt@gmail.com
65	1ks21cg049	Tarun Jangir	Good	YES	manavi@gmail.com
66	1KS22CG405	Praveen Kumar	Excellent	YES	tarun@gmail.com
67	1KS22CG038	Pranathi MG	Very Good	YES	praveen@gmail.com
68	1ks21cg019	Govind	Good	YES	pranathi@gmail.com
69	1KS22CG023	Kushal Gowda s r	Excellent	YES	govind@gmail.com
70	1ks22cg014	E Durga Maitri	Excellent	YES	kushal@gmail.com
71	1ks22cg048	Spoorthi	Excellent	YES	e@gmail.com
72	1ks22cg045	Shravani	Excellent	YES	spoorthi@gmail.com
73	1KS22CG044	Shishir s dheep	Excellent	YES	shravani@gmail.com
74	1KS22CG018	Himanshu Sharma	Excellent	YES	shishir@gmail.com
75	1ks22cg056	Bindu Shree V	Good	YES	himanshu@gmail.com
76	1KS22CG003	Amita	Fair	YES	bindu@gmail.com
77	1ks22cg408	Sushil Waghmare	Good	YES	amita@gmail.com
78	1KS21CG003	Abhilasha	Good	YES	sushil@gmail.com
79	1ks22cg407	Shruthi m	Excellent	YES	abhilasha@gmail.com
80	1KS22CG033	N.Govind Prasad	Excellent	YES	shruthi@gmail.com
81	Hyu	Yuu	Fair	YES	n@gmail.com
82	1KS22CG062	Yashita B R	Good	YES	hyu@gmail.com
83	1ks22cg042	Sai Kiran k	Very Good	YES	yashita@gmail.com
84	1KS22CG047	SHRISHA JOSHI	Excellent	YES	sai@gmail.com
85	1KS22CG060	Vivin Vaibhav L K	Excellent	YES	shrisha@gmail.com
86	1ks22cg034	Nimesh	Fair	YES	vivin@gmail.com
87	1ks22cg036	Prajvith	Excellent	YES	nimesh@gmail.com
88	1KS22CG054	U Vinayaka Prabhu	Excellent	YES	prajvith@gmail.com
89	1ks22CG059	Vibha datta	Excellent	YES	u@gmail.com
90	1KS22CG038	Pranathi MG	Very Good	YES	vibha@gmail.com
91	1ks22cg050	Srinidhi ry	Excellent	YES	pranathi@gmail.com
92	1KS22CG040	Saniya	Excellent	YES	srinidhi@gmail.com
93	1ks22cg021	Jnanashree TR	Excellent	YES	saniya@gmail.com
94	1ks22cg048	Spoorthi s	Excellent	YES	jnanashree@gmail.com
95	1KS21CG016	Divya T	Good	YES	spoorthi@gmail.com
96	1ks22cg017	Hemanth	Excellent	YES	divya@gmail.com
97	1KS22CG058	Venu Prasad A	Fair	YES	hemanth@gmail.com
98	1KS22CG030	Manoj K	Excellent	YES	venu@gmail.com
99	1KS21CG030	Pavithraa G	Excellent	YES	manoj@gmail.com
100	1ks22cg005	Anusha pr	Excellent	YES	pavithraa@gmail.com
101	1KS22CG026	Maharshi S	Fair	YES	anusha@gmail.com
102	1KS22CG019	Hrushikesh R	Very Good	YES	maharshi@gmail.com

Deepa

IV & VI sem 2023-24  
Technical talk on Building  
Smarter Systems: AI



**K.S. INSTITUTE OF TECHNOLOGY, BANGALORE – 560109**  
**DEPARTMENT OF COMPUTER SCIENCE AND DESIGN**



**“Building Smarter Systems: The Role of Machine Learning and AI in Engineering”**

**Technical Talk**

**Date of Conduction:** 13/6/2024

**Venue:** KSIT , NB GROUND FLOOR, SEMINAR HALL

**Time:** 10.30 PM TO 12.30 PM

**Duration:** 1 DAY

**Sponsoring Bodies / Associating Organization:** Nil

**Expert Details – with photo**

**Name:** Mr Hemanth Kumar A



**Designation:** Senior Data Scientist  
**Organization:** Brillio

**Brief Profile about the Expert:**

**Description of the Event:**

Mr Hemanth discussed and demonstrated the importance and integration of AI and ML in engineering is transforming the industry, enabling the development of smarter systems that are more efficient, adaptive, and reliable. As these technologies continue to evolve, they will play an increasingly vital role in shaping the future of engineering, driving innovation, and improving the quality of life.

He gave real time examples of processing and collecting historical data. The awareness about the job opportunities in the field of data science and the basic information about the basic needs of the data scientist were explained. It was very informative and interesting.

**Objectives / Key Highlights:** Create a design for an application using UI/UX tools.

**Participant details - No. of Participants:** 127

**Students internal/external):** Internal

**Faculty:** Sushma A (Sidd)

Photos:



Video-url (if any): NIL

Outcomes / Benefits:

EO#	EVENT OUTCOMES
EO1	Knowledge about role of machine learning in Engineering
EO2	Demonstration and design of pattern recognition
EO3	Demonstration of Data visualization

1. Resources person Profile
2. Communication with Resources person
3. Resources person Profile
4. Evaluation and Feedback
5. Budget and Expenditure Details/amount

1. CO/PO&PSO mapping

EO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
EO1	2	2	2	-	-	2	2	-		-	2	2	2	2
EO2	2	2	2	-	-	2	2	-		-	2	2	2	2
EO3	2	2	2	-	-	2	2	-		-	2	2	2	2

  
Coordinator  
CSD,KSIT

  
HOD  
KSIT

  
Principal  
KSIT



K.S. INSTITUTE OF TECHNOLOGY, BENGALURU-109  
DEPARTMENT OF COMPUTER SCIENCE & DESIGN

TECHNICAL TALK ON  
BUILDING SMARTER SYSTEMS: "THE ROLE OF MACHINE LEARNING  
AND AI IN ENGINEERING"

SEM:6th

ATTENDANCE SHEET

DATE:13/6/2024

TIME:10:30AM TO 12:30PM

SL.NO	USN	NAME OF THE STUDENT	SIGNATURE
1	1KS21CG001	A S N SREEYA	
2	1KS21CG002	ABDUS SALAAM I	
3	1KS21CG003	ABHILASHA PATIL	
4	1KS21CG004	ANAGHA SHASTRY	
5	1KS21CG005	ANKITHA DEVLOKAM	
6	1KS21CG006	ARPITHA G R	
7	1KS21CG007	B H RUCHIRA	
8	1KS21CG008	BADARI PRASAD M	
9	1KS21CG009	BHARAT R	
10	1KS21CG011	CHALLA DEEPIKA	
11	1KS21CG012	DANDA AJITH KUMAR	
12	1KS21CG013	DEEPIKA S	
13	1KS21CG014	DEEPTHI G B	
14	1KS21CG015	DHANUSH B K	
15	1KS21CG016	DIVYA T	
16	1KS21CG017	G PRADEEP	
17	1KS21CG018	G YOGIRAM	
18	1KS21CG019	GOVIND VENKATESHA SHETTY	
19	1KS21CG020	HEMANTH M	

20	1KS21CG021	KARTHIK C S	Karthik
21	1KS21CG022	KEERTHANA LOKESH	
22	1KS21CG023	KEERTHANA S	Keerthana S
23	1KS21CG024	KEERTHANA S D	Keerthana S.D.
24	1KS21CG025	KUSHAL M J	Kushal.M.J
25	1KS21CG026	KUSUM PAKIRA	Kusum
26	1KS21CG028	NEHA M R	Neha.M.R
27	1KS21CG029	NISHANTH G K	Ny
28	1KS21CG030	PAVITHRAA G	
29	1KS21CG031	PRATEEK C HIEMATH	
30	1KS21CG032	PREETHAM H V	Preetham H.V
31	1KS21CG033	RAYALA SAI PRAKASHH	(Sai)
32	1KS21CG034	RIYA NAIR	-192
33	1KS21CG035	SANJANA SREENIVAS	
34	1KS21CG036	SANJANA V	
35	1KS21CG037	SANJAY P	Sanjay.P
36	1KS21CG038	SATHYA SAI SRI B S	
37	1KS21CG039	SAVYASHREE S	Savya
38	1KS21CG040	SHALINI B	Shalini B
39	1KS21CG041	SHISHIRA MOHAN	
40	1KS21CG042	SHIVANI ADHIKARI	
41	1KS21CG043	SHREYAS G	Shreyas
42	1KS21CG044	SHREYAS M	Shreyas
43	1KS21CG045	SHRUTHI K RAJ	Shruthi K.Raj
44	1KS21CG046	SUDARSHAN BABU A	Sudarshan

45	1KS21CG047	SUMANA R	<i>Suman R</i>
46	1KS21CG048	SUMANTH V SHET	<i>Sumanth V Shet</i>
47	1KS21CG049	TARUN JANGIR	<i>Tarun Jangir</i>
48	1KS21CG050	THANUJA B	<i>Thanuja B.Y</i>
49	1KS21CG051	THEJAS B S	<i>Thejas B.S</i>
50	1KS21CG052	UNUGURU GIRI SANKAR	<i>U. Girishankar</i>
51	1KS21CG053	VAISHNAVI S	<i>Vaishnavi S</i>
52	1KS21CG054	VARSHITHA S	
53	1KS21CG055	VARSHITHA SRIDHAR	<i>Varshitha S.</i>
54	1KS21CG056	VIDHEESHA T M	<i>Vidheesha T.M</i>
55	1KS21CG057	VIGNESH U	<i>Vignesh U</i>
56	1KS21CG058	VAISHNAVI S N	<i>Vaishnavi S.N</i>
57	1KS21CG059	YEDDULAPALLI SAHITHI	
58	1KS22CG400	ARUN .A	<i>Arun .A</i>
59	1KS22CG401	CHANDRASHEKAR .A	<i>Chandrashekar .A</i>
60	1KS22CG402	MAYUR GANAPATLS	<i>Mayur</i>
61	1KS22CG403	NANDISH K S	<i>Nandish K.S</i>
62	1KS22CG404	PURUSHOTHAM. M	<i>Purushotham M</i>
63	1KS22CG405	PUTTUR PRAVEEN KUMAR	<i>Puttur Praveen Kumar</i>
64	1KS22CG406	SHARATH N	<i>Sharath N</i>
65	1KS22CG407	SHRUTHI M	<i>Shruthi M</i>
66	1KS22CG408	SUSHIL WAGHAMARE	<i>Sushil W.</i>

*Deefa*  
HOD



**K.S. INSTITUTE OF TECHNOLOGY, BANGALORE – 560109**

**DEPARTMENT OF COMPUTER SCIENCE AND DESIGN**



## **“Introduction to Dockers”**

### **Technical Talk**

**Date of Conduction: 19/6/2024**

**Venue: KSIT , NB GROUND FLOOR, SEMINAR HALL**

**Time: 1.30 PM TO 4 PM**

**Duration: 1 DAY**

**Sponsoring Bodies / Associating Organization: Nil Expert Details – with photo**

**Name: Dr Geetha J**



**Designation: Associate Professor**

**Organization: Ramaiah Institute of Technology**

#### **Brief Profile About the Expert:**

Dr Geetha J is working as Associate Professor in the Ramaiah Institute of Technology. Her area of interest are big data, cloud computing, web development and Semantic web.

#### **Description of the Event:**

Dr. Geetha began the session with an introduction to Docker, explaining that Docker is a platform used for developing, shipping, and running applications. She highlighted that Docker enables developers to package applications into containers—standardized units of software that include everything needed for the application to run. This ensures consistency across multiple development, testing, and production environments, significantly streamlining the development process and reducing the "it works on my machine" problem.

#### **Objectives / Key Highlights:**

To learn to use Docker to deploy and manage various applications across different environment

**Participant details - No. of Participants: 127**

**Students (internal/external): Internal**

**Faculty: Surekha Byakod**





Video-url (if any): NIL

Outcomes / Benefits:

EO#	EVENT OUTCOMES
EO1	Knowledge about docker platform as a service
EO2	Execute the program from different OS platform
EO3	Run different compiler using docker

Resources person Profile

1. Resources person Profile
2. Communication with Resources person
3. Resources person Profile
4. Evaluation and Feedback
5. Budget and Expenditure Details/amount
6. CO/PO&PSO mapping

EO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
EO1	2	2	2	-	2	2	2	-		-	2	2	2	2
EO2	2	2	2	-	2	2	2	-		-	2	2	2	2
EO3	2	2	2	-	2	2	2	-		-	2	2	2	2

  
Coordinator  
CSD, KSIT

  
HOD  
CSD, KSIT

  
Principal  
KSIT



K.S. INSTITUTE OF TECHNOLOGY, BENGALURU-109  
DEPARTMENT OF COMPUTER SCIENCE & DESIGN  
ORGANIZES A TECHNICAL TALK ON  
INTRODUCTION TO DOCKERS

SEM:6th

ATTENDANCE

DATE:19/6/2024

TIME:01:30PM TO 03:30PM

SL.NO	USN	NAME OF THE STUDENT	SIGNATURE
1	1KS21CG001	A S N SREEYA	
2	1KS21CG002	ABDUS SALAAM I	
3	1KS21CG003	ABHILASHA PATIL	
4	1KS21CG004	ANAGHA SHASTRY	
5	1KS21CG005	ANKITHA DEVLOKAM	
6	1KS21CG006	ARPITHA G R	
7	1KS21CG007	B H RUCHIRA	
8	1KS21CG008	BADARI PRASAD M	
9	1KS21CG009	BHARAT R	
10	1KS21CG011	CHALLA DEEPIKA	
11	1KS21CG012	DANDA AJITH KUMAR	
12	1KS21CG013	DEEPIKA S	
13	1KS21CG014	DEEPTHI G B	
14	1KS21CG015	DHANUSH B K	
15	1KS21CG016	DIVYA T	
16	1KS21CG017	G PRADEEP	
17	1KS21CG018	G YOGIRAM	
18	1KS21CG019	GOVIND VENKATESHA SHETTY	
19	1KS21CG020	HEMANTH M	
20	1KS21CG021	KARTHIK C S	
21	1KS21CG022	KEERTHANA LOKESH	
22	1KS21CG023	KEERTHANA S	

SL.NO	USN	NAME OF THE STUDENT	SIGNATURE
23	1KS21CG024	KEERTHANA S D	Keerthana S D
24	1KS21CG025	KUSHAL M J	
25	1KS21CG026	KUSUM PAKIRA	Kusum
26	1KS21CG028	NEHA M R	Neha.MR
27	1KS21CG029	NISHANTH G K	
28	1KS21CG030	PAVITHRAA G	Pavithraa.G
29	1KS21CG031	PRATEEK C HIEMATH	
30	1KS21CG032	PREETHAM H V	Preetham
31	1KS21CG033	RAYALA SAI PRAKASHH	Prakash
32	1KS21CG034	RIYA NAIR	Riya Nair
33	1KS21CG035	SANJANA SREENIVAS	Sanjana Sreenivas
34	1KS21CG036	SANJANA V	Sanjana.V
35	1KS21CG037	SANJAY P	Sanjay.P
36	1KS21CG038	SATHYA SAI SRI B S	Sathya Sai Sri B S
37	1KS21CG039	SAVYASHREE S	Savyashree
38	1KS21CG040	SHALINI B	Shalini.B
39	1KS21CG041	SHISHIRA MOHAN	
40	1KS21CG042	SHIVANI ADHIKARI	Shivani
41	1KS21CG043	SHREYAS G	Shreyas
42	1KS21CG044	SHREYAS M	Shreyas
43	1KS21CG045	SHRUTHI K RAJ	Shruthi K Raj
44	1KS21CG046	SUDARSHAN BABU A	
45	1KS21CG047	SUMANA R	Sumana R
46	1KS21CG048	SUMANTH V SHET	Sumanth
47	1KS21CG049	TARUN JANGIR	
48	1KS21CG050	THANUJA B	Thanuja.B

SL.NO	USN	NAME OF THE STUDENT	SIGNATURE
49	1KS21CG051	THEJAS B S	
50	1KS21CG052	UNUGURU GIRI SANKAR	<i>Thejas B.S</i>
51	1KS21CG053	VAISHNAVIS	
52	1KS21CG054	VARSHITHA S	
53	1KS21CG055	VARSHITHA SRIDHAR	<i>Varshitha S</i>
54	1KS21CG056	VIDHEESHA T M	<i>Vidheesha S</i>
55	1KS21CG057	VIGNESH U	
56	1KS21CG058	VAISHNAVIS N	<i>Vignesh U</i>
57	1KS21CG059	YEDDULAPALLI SAHITHI	
58	1KS22CG400	ARUN .A	<i>Arun .A</i>
59	1KS22CG401	CHANDRASHEKAR .A	<i>Chandrashekar .A</i>
60	1KS22CG402	MAYUR GANAPATIS	<i>Manu</i>
61	1KS22CG403	NANDISH K S	<i>Nandish</i>
62	1KS22CG404	PURUSHOTHAM. M <sup>o</sup> thi	<i>Purushotham</i>
63	1KS22CG405	PUTTUR PRAVEEN KUMAR	
64	1KS22CG406	SHARATH N	
65	1KS22CG407	SHRUTHI M	<i>Shruthi M</i>
66	1KS22CG408	SUSHIL WAGHMARE	<i>Sushil W</i>

*Deepa*  
HOD

Head of the Department  
Computer Science & Design  
K.S. Institute of Technology  
Bengaluru - 560 109.