K.S. INSTITUTE OF TECHNOLOGY, BANGALORE – 560109

DEPARTMENT OF COMPUTER SCIENCE AND DESIGN

INSTITUTION'S
INNOVATION
COUNCIL

"Buiding 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.
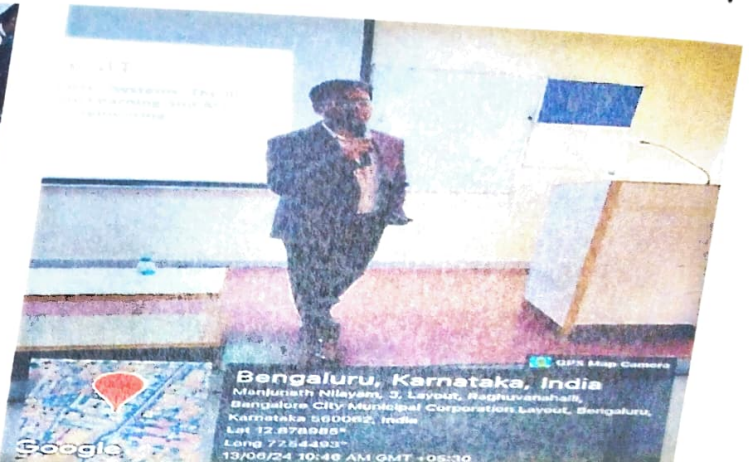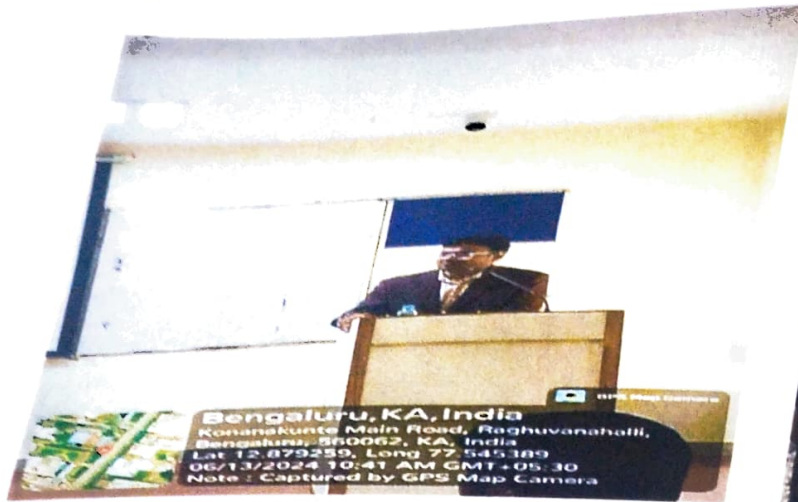
Objectives / Key Highlights: Create a design for an application using UI/UX tools.

Participant details - No. of Participants: 127

Students internal/external): Internal

Faculty: Sushma A (Sd)

Photos:

Bengaluru, KA, India
Konanakunte Main Road, Raghuvanahalli,
Bengaluru, 560062, KA, India
Lat 12.879259, Long 77.545389
06/13/2024 10:41 AM GMT +05:30
Note : Captured by GPS Map Camera

Bengaluru, KA, India
Konanakunte Main Road, Raghuvanaha
Bengaluru, 560062, KA, India
Lat 12.878930, Long 77.545119
06/13/2024 10:39 AM GMT+05:30
Note : Captured by GPS Map Camera

GPS Map Camera
Bengaluru, Karnataka, India
Manjunath Nilayam, 3, Layout, Raghuvanahalli, Bangalore City
Municipal Corporation Layout, Bengaluru, Karnataka 560062, India
Lat 12.878985°
Long 77.54493°
13/06/24 10:46 AM GMT +05:30

GPS Map Camera
Bengaluru, Karnataka, India
Manjunath Nilayam, 3, Layout, Raghuvanahalli,
Bangalore City Municipal Corporation Layout, Bengaluru,
Karnataka 560062, India
Lat 12.878985°
Long 77.54493°
13/06/24 10:46 AM GMT +05:30

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
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.MR
27	1KS21CG029	NISHANTH G K	Nu
28	1KS21CG030	PAVITHRAA G	
29	1KS21CG031	PRATEEK C HIREMATH	
30	1KS21CG032	PREETHAM H V	Preetham hemputh
31	1KS21CG033	RAYALA SAI PRAKASHH	Su
32	1KS21CG034	RIYA NAIR	riya
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	Savyash
38	1KS21CG040	SHALINI B	Shalini.B
39	1KS21CG041	SHISHIRA MOHAN	
40	1KS21CG042	SHIVANI ADHIKARI	
41	1KS21CG043	SHREYAS G	Shrey
42	1KS21CG044	SHREYAS M	Shryb
43	1KS21CG045	SHRUTHI K RAJ	Shruthi Raj
44	1KS21CG046	SUDARSHAN BABU A	ASB

45	1KS21CG047	SUMANA R	
46	1KS21CG048	SUMANTH V SHET	
47	1KS21CG049	TARUN JANGIR	
48	1KS21CG050	THANUJA B	
49	1KS21CG051	THEJAS B S	
50	1KS21CG052	UNUGURU GIRI SANKAR	
51	1KS21CG053	VAISHNAVI S	
52	1KS21CG054	VARSHITHA S	
53	1KS21CG055	VARSHITHA SRIDHAR	
54	1KS21CG056	VIDHEESHA T M	
55	1KS21CG057	VIGNESH U	
56	1KS21CG058	VAISHNAVI S N	
57	1KS21CG059	YEDDULAPALLI SAHITHI	
58	1KS22CG400	ARUN .A	
59	1KS22CG401	CHANDRASEKAR .A	
60	1KS22CG402	MAYUR GANAPATI.S	
61	1KS22CG403	NANDISH K S	
62	1KS22CG404	PURUSHOTHAM. M	
63	1KS22CG405	PUTTUR PRAVEEN KUMAR	
64	1KS22CG406	SHARATH N	
65	1KS22CG407	SHRUTHI M	
66	1KS22CG408	SUSHIL WAGHAMARE	

HOD