

**A  
REPORT OF  
WORKSHOP ON**

**“APPLIED ARTIFICIAL INTELLIGENCE:  
PRACTICAL IMPLEMENTATION &  
MERN STACK WEB DEVELOPMENT”**



**HELD ON**

**30<sup>TH</sup> SEP-2024 to 09-OCT-2024**

**ORGANIZED**

**BY**

**DEPARTMENT OF COMPUTER SCIENCE & BUSINESS SYSTEMS ENGINEERING**

**K.S. SCHOOL OF ENGINEERING AND MANAGEMENT**

**#15, Near Vajarahalli, Mallasandra,**

**Kanakapura Road, Bengaluru-560109**



**K. S. GROUP OF INSTITUTIONS**

**KSSEM**

**K. S. SCHOOL OF ENGINEERING AND MANAGEMENT**



**INSTITUTION'S  
INNOVATION  
COUNCIL**  
(Ministry of HRD Initiative)



**IEEE**



**IEEE**  
BANGALORE SECTION



**IEEE  
COMPUTER  
SOCIETY**

**DEPARTMENT OF AI&DS, CSE & CS&BS**

In Association with



**Edunet Foundation**

Organizing Workshop on

**APPLIED ARTIFICIAL INTELLIGENCE :  
PRACTICAL IMPLEMENTATIONS  
&  
MERN STACK WEB DEVELOPMENT**

**Program  
Sponsors**



Microsoft



30th September -  
9th October, 2024



09:00AM - 4:00PM



AD Seminar Hall, G-Floor, B-Block  
CS&BS Lab, 2nd Floor, B-Block  
CSE Lab, G-Floor, A-Block

**Report of Workshop Organized by**  
**DEPARTMENT OF COMPUTER SCIENCE & BUSINESS SYSTEMS ENGINEERING**

**from 30-09-2024 to 09-09-2024**

**Academic Year: 2024-25**

**TITLE OF THE PROGRAM: Workshop on “APPLIED ARTIFICIAL INTELLIGENCE:  
PRACTICAL IMPLEMENTATION & MERN STACK WEB  
DEVELOPMENT”**

**BRIEF SUMMARY OF PROGRAM:** Department of Computer Science and Business Systems Engineering organized a 10-day workshop program for 5th semester students on Applied Artificial Intelligence: Practical Implementations and MERN Stack Web development in association with Edunet Foundation and SAP. The event took place from September 30 to October 9, 2024, and aimed to equip students with the skills to create AI-driven web applications.

**OBJECTIVES OF THE PROGRAM:**

1. The workshop emphasized hands-on experience, problem-solving and teamwork through practical projects, enhancing students' career readiness for industry demands.
2. The workshop mainly focused on providing students with the skills to develop AI-powered web applications.

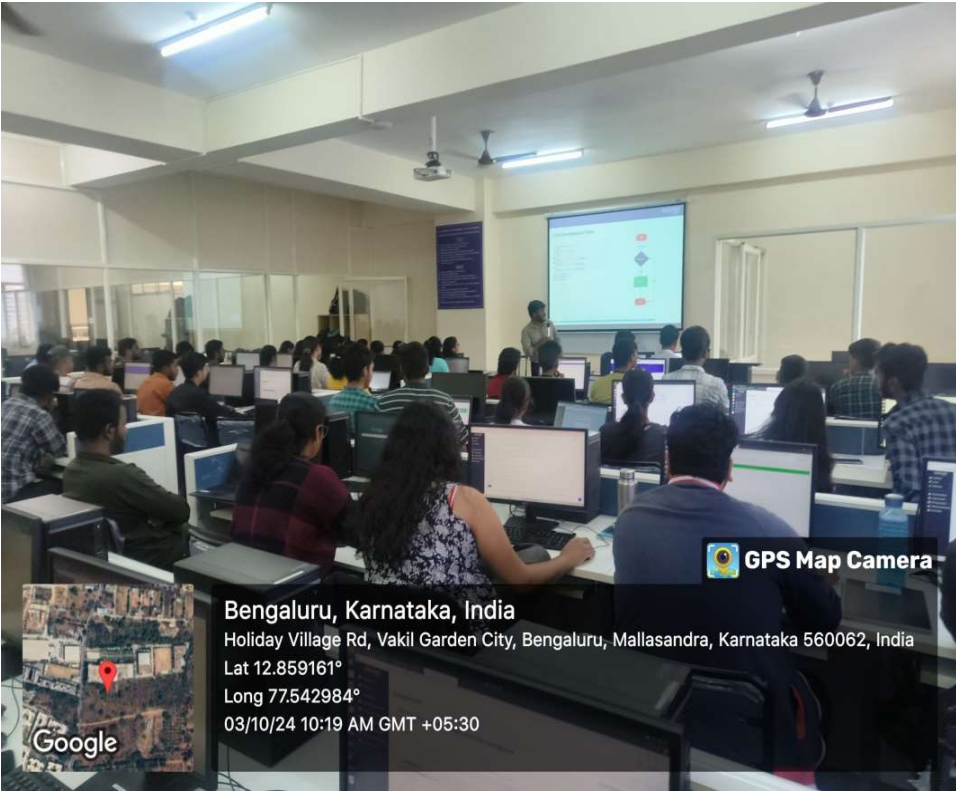
**SPEAKER'S DETAILS:** Mr. SAI KRISHNA currently working as a trainer with Edunet Foundation. His responsibilities encompass overseeing operations in Karnataka & Goa.

**REPORT**

The workshop started with three days dedicated to the Foundations of AI, exploring topics like AI fundamentals, data handling, and AI tools. The following three days focused on hands-on applications, including model development and deployment. The final four days were spent building web interfaces using HTML, CSS, and JavaScript, and integrating AI to create projects. The workshop concluded with an interactive question-and-answer session where participants raised queries about the practicality, challenges, and future prospects of implementing these innovations. The speaker addressed these questions, clarifying doubts and

fostering deeper engagement with the topic.

**PHOTOGRAPHS**





Bengaluru, Karnataka, India  
15, Holiday Village Rd, Mallasandra, Bengaluru, Mallasandra, Karnataka 560062, India  
Lat 12.859514°  
Long 77.5433°  
09/10/24 03:18 PM GMT +05:30

Google

GPS Map Camera

## OUTCOMES OF THE PROGRAM:

1. Participants developed the proficiency in front-end development using React and back-end development with node js and Express empowering them to build comprehensive web development.
2. Participants enhanced their java script knowledge as MERN stack relies entirely on java script enabling seamless development across the front end, back end and database.



Signature of Co-ordinators



Signature of Department Head

HOD  
DEPARTMENT OF  
COMPUTER SCIENCE AND BUSINESS SYSTEMS  
K.S. SCHOOL OF ENGINEERING AND MANAGEMENT  
BENGALURU-560109



Signature of Principal

Dr. K. RAMA NARASIMHA  
Principal/Director  
K S School of Engineering and Management  
Bengaluru - 560 109



Sl. No	EN	Student Name	STUDENT SIGNATURE													
			30-09-2024		01-10-2024		03-10-2024		04-10-2024		07-10-2024		08-10-2024		09-10-2024	
			Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
37	ING22CB008	MOTHISHI C														
38	ING22CB009	MUTHU VARSHITH														
39	ING22CB040	MHA RAMESH														
40	ING22CB041	NSARGAS														
41	ING22CB042	NTSHE S														
42	ING22CB043	PATHIN CHOWDARY														
43	ING22CB044	PAVAN KUMAR K														
44	ING22CB045	PUDUJ J														
45	ING22CB046	PRADWALS														
46	ING22CB047	PRABHU THE Gowda D														
47	ING22CB048	PREETHU GANGADKARG														
48	ING22CB049	PRIVAS														
49	ING22CB050	RIBHUTHIK SAIBU														
50	ING22CB051	RADISHIK K														
51	ING22CB052	RAHUL P														
52	ING22CB053	RAJIT KAPOOR														
53	ING22CB054	RAKSHITHAR														
54	ING22CB055	SAURISHAN S														
55	ING22CB057	SHREYAS RAJARAM														
56	ING22CB058	SHAH AHMED K														
57	ING22CB059	TSAMITHYA														
58	ING22CB060	TSHYALASHI														
59	ING22CB061	YASHASWINI G														
60	ING22CB062	YATHISHI J L P														
61	ING22CB063	YUVRAJA														
62	ING22CB064	GUNASHEELA H M														
63	ING22CB066	MAGNA K GOWDA														

Head of the Department  
 09/10/24

HOD  
 DEPARTMENT OF  
 COMPUTER SCIENCE AND BUSINESS SYSTEMS  
 K.S. SCHOOL OF ENGINEERING AND MANAGEMENT  
 BENGALURU-560108

Class Teacher





**K. S. SCHOOL OF ENGINEERING AND MANAGEMENT, BENGALURU-560109**  
**DEPARTMENT OF COMPUTER SCIENCE AND BUSINESS SYSTEMS**  
**APPLIED ARTIFICIAL INTELLIGENCE**  
**V SEMESTER STUDENTS ATTENDANCE**

**DATE: 05/10/2024 and 06/10/2024**

**VENUE: CS&BS Lab, 2nd Floor, B Block**

Sl. No	USN	Student Name	STUDENT SIGNATURE			
			05-10-2024	06-10-2024	Morning	Afternoon
1	1KG22CB001	ABHA PRASAD			- AB -	- AB -
2	1KG22CB002	ALAPATI REHAN SRI KARTHIKEYA			- AB -	- AB -
3	1KG22CB003	ANANDA H K			- AB -	- AB -
4	1KG22CB004	ANANYA KIRESUR			- AB -	- AB -
5	1KG22CB005	ANIRUDH S NAIR			- AB -	- AB -
6	1KG22CB006	ANKITHA V			- AB -	- AB -
7	1KG22CB007	ANVITHA S			- AB -	- AB -
8	1KG22CB008	B CHAITANYA CHOWDARY			- AB -	- AB -
9	1KG22CB009	BINDU G			- AB -	- AB -
10	1KG22CB010	CHANDAN M			- AB -	- AB -
11	1KG22CB011	CHANDANA K			- AB -	- AB -
12	1KG22CB012	DAVIN PRAKASH J			- AB -	- AB -
13	1KG22CB013	DEEKSHITHA J K			- AB -	- AB -
14	1KG22CB014	DEVA DARSHAN V			- AB -	- AB -
15	1KG22CB015	DEVARAJ			- AB -	- AB -
16	1KG22CB016	DEVI NIVEDITHA D			- AB -	- AB -
17	1KG22CB017	DHEERAJ SINDE R			- AB -	- AB -
18	1KG22CB018	GAYANA B R			- AB -	- AB -
19	1KG22CB019	GNANENDRA REDDY R			- AB -	- AB -
20	1KG22CB020	HARSHITHA B S			- AB -	- AB -
21	1KG22CB022	IRFAN AHMED SHARIEFF			- AB -	- AB -
22	1KG22CB023	J POORNIMA			- AB -	- AB -
23	1KG22CB024	JATHIN Y			- AB -	- AB -
24	1KG22CB025	K HASHWANTH			- AB -	- AB -
25	1KG22CB026	K N KISHORE			- AB -	- AB -
26	1KG22CB027	KAMAL SAI A			- AB -	- AB -
27	1KG22CB028	KANCHARLA BHARGHAV MAHENDRA			- AB -	- AB -
28	1KG22CB029	KANNIKA S GOWDA			- AB -	- AB -
29	1KG22CB030	KIRAN REDDY T R			- AB -	- AB -
30	1KG22CB031	KUSHAN KUMAR A G			- AB -	- AB -
31	1KG22CB032	KUSHANTH K M			- AB -	- AB -
32	1KG22CB033	M SHAMITHA			- AB -	- AB -
33	1KG22CB034	MAHADEV M			- AB -	- AB -
34	1KG22CB035	MANASA K			- AB -	- AB -
35	1KG22CB036	MOHITH E C			- AB -	- AB -

Sl. No	USN	Student Name	STUDENT SIGNATURE			
			05-10-2024	06-10-2024		
			Morning	Afternoon	Morning	Afternoon
36	1KG22CB037	MONISHAM	Monaisham M	Monaisham M	-AB-	-AB-
37	1KG22CB038	MOTHISH C	Mothish C	Mothish C	-AB-	-AB-
38	1KG22CB039	MUTHU VARSHITH	Muthu Varshith	Muthu Varshith	-AB-	-AB-
39	1KG22CB040	NEHA RAVESH	Neha Ravesh	Neha Ravesh	-AB-	-AB-
40	1KG22CB041	NISARGA S	Nisarga S	Nisarga S	-AB-	-AB-
41	1KG22CB042	NITESH S	Nitesh S	Nitesh S	-AB-	-AB-
42	1KG22CB043	P JATHIN CHOWDARY	P Jathin Chowdary	P Jathin Chowdary	-AB-	-AB-
43	1KG22CB044	PAVAN KUMAR M K	Pavan Kumar M K	Pavan Kumar M K	-AB-	-AB-
44	1KG22CB045	POOJA J	Pooja J	Pooja J	-AB-	-AB-
45	1KG22CB046	PRAJWALS	Prajwals	Prajwals	-AB-	-AB-
46	1KG22CB047	PRAKRUTHI GOWDA D	Prakruthi Gowda D	Prakruthi Gowda D	-AB-	-AB-
47	1KG22CB048	PREETHU GANGADKAR G	Preethu Gangadkar G	Preethu Gangadkar G	-AB-	-AB-
48	1KG22CB049	PRIVAS	Privas	Privas	-AB-	-AB-
49	1KG22CB050	R HRUTHIK NAIDU	R Hruthik Naidu	R Hruthik Naidu	-AB-	-AB-
50	1KG22CB051	RADESH K K	Radesh K K	Radesh K K	-AB-	-AB-
51	1KG22CB052	RAHUL P	Rahul P	Rahul P	-AB-	-AB-
52	1KG22CB053	RAJIT KAPOOR	Rajit Kapoor	Rajit Kapoor	-AB-	-AB-
53	1KG22CB054	RAKSHITHA R	Rakshitha R	Rakshitha R	-AB-	-AB-
54	1KG22CB055	SAI KISHAN S	Sai Kishan S	Sai Kishan S	-AB-	-AB-
55	1KG22CB057	SHREERAM RAJARAM GAONKAR	Shreeram Rajaram Gaonkar	Shreeram Rajaram Gaonkar	-AB-	-AB-
56	1KG22CB058	SUBHAIL AHMED K	Subhail Ahmed K	Subhail Ahmed K	-AB-	-AB-
57	1KG22CB059	T SAHITHYA	T Sahithya	T Sahithya	-AB-	-AB-
58	1KG22CB060	T SRIVYALAXMI	T Srivyalaxmi	T Srivyalaxmi	-AB-	-AB-
59	1KG22CB061	YASHASWINI G	Yashaswini G	Yashaswini G	-AB-	-AB-
60	1KG22CB062	YATHISH J L	Yathish J L	Yathish J L	-AB-	-AB-
61	1KG22CB063	YUVAJA A	Yuvaaja A	Yuvaaja A	-AB-	-AB-
62	1KG22CB064	GUNASHEELA H M	Gunasheela H M	Gunasheela H M	-AB-	-AB-
63	1KG23CB400	MAGNA K GOWDA	Magna K Gowda	Magna K Gowda	-AB-	-AB-

Class Teacher

Head of the Department

DEPARTMENT OF  
COMPUTER SCIENCE AND BUSINESS SYSTEMS  
K.S. SCHOOL OF ENGINEERING AND MANAGEMENT  
BENGALURU-560109