DEPARTMENT OF ARTIFICIAL INTELLIGENCE And MACHINE LEARNING

Event Report

"Value Added Course on Crafting Intelligence : IoT & Data Visualization"

Event Information
Event Type: Value Added Course
Event title: " **Crafting Intelligence : IoT & Data Visualization** "
Event Date: January 06 to 11, 2025
Organized for: SIESGST Students of all branches
Organized by: AIML Department
Target Audience: SIESGST Students of all branches
Resource Person: Nita Patil, Dnyanada Khandagale (AIML Dept.)
Attachments: 1. Photographs (in JPEG/PNG)

2. Attendance (Screen Capture)

3. Feedback

4. Impact analysis

Event Description

From January 6 to 11, 2025, SIESGST hosted a comprehensive Value Added Course (VAC) on Crafting Intelligence : IoT & Data Visualization .This program was designed to enhance students' understanding and practical skills in the field of IoT and Data Visualization. The course was instructed by Prof. Nita Patil and Prof. Dnyanada Khandagale. Throughout the six days, students dwelled into essential topics such as Raspberry Pi OS installation, Introduction to ESP 32, Interfacing various sensors with different controllers, developing IoT applications, Python libraries, Matplotlib, Seaborn, Plotly & tools like Power BI & practical applications.

Students actively participated in hands-on labs and project implementations, solidifying their understanding and expertise. The final day featured a valuable session by industry expert Mr. Aditya Pagare, providing real-world insights and industry trends. The program successfully equipped students with advanced skills in IoT and Data Visualization, fostering a keen interest in pursuing careers in this dynamic field.

Additionally, the course encouraged collaborative learning and teamwork among the participants. Students had the opportunity to work on group projects, which not only enhanced their technical skills but also developed their ability to communicate and work effectively within a team. This holistic approach ensured that students were well-prepared for future challenges in the IoT & Data Visualization industry.

1. Photographs (in JPEG/JPG)

Navi Mumbai, Maharashtra, India
Sri Chandrasekarendra Saraswati Vidyapuram Sector-v, Dr D Y Patil
Vidyanagar, Sector 5, Nerul, Navi Mumbai, Maharashtra 400706, India
Lat 19.042702° Long 73.023059°
15/02/25 01:41 PM GMT +05:30

2. Attendance

25 students across all the departments attended this VAC.

SIES Graduate School of Technology
Artifial Intelligence & Machine Learning Department
VAC on "Crafting Intelligence : IoT & Data Visualization"
Attendance

Sr.No	Roll Number	Name of the Student	Class	Branch	Mobile	E-mail ID	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	122A3059	SURYA RADHAKRISHNAN UDAYAR	TE	IT	7977112749	suryaruit122@gst.sies.edu.in							
2	122A3060	Tanish Balkavade	TE	IT	7506140774	tanishbit122@gst.sies.edu.in							
3	123A7057	Swayam Bhaskar	SE	ECS	9987271312	swayambecs123@gst.sies.edu.in							
4	123A7047	DEVANG RAMESH SHEDGE	SE	ECS	9702412971	devangrsecs123@gst.sies.edu.in							
5	123A7052	Aayush Shinde	SE	ECS	9594364310	aayushdsecs123@gst.sies.edu.in							
6	42	Rajeev Prabhu	SE	ECS	9967370288	hemantprecs123@gst.sies.edu.in							
7	122AX058	Vasundhara Maheshwari	TE	IOT	9152973928	vasundharamiot122@gst.sies.edu.in							
8	123A3040	Mita Pujari	SE	IT	9892357244	mitaspit123@gst.sies.edu.in							
9	123A9002	Ansari Abu Huzaifa Mohd Aslam	SE	AIML	8263983563	abuhuzaifamaaiml123@gst.sies.edu.in							
10	124A9004	Naman bumb	BE	AIML	8903210444	namanrbaiml124@gst.sies.edu.in							
11	224A7070	Utkarsha Santosh Waykar	SE	ECS	8149125320	utkarshaswecs224@gst.sies.edu.in							
12	123A8059	Unnati Pandey	SE	AI&DS	9892464114	unnatigpaids123@gst.sies.edu.in							
13	124A9024	SOHAM S LONE	FE	AIML	7304364605	sohamslaiml124@gst.sies.edu.in							
14	224A1127	Harshita Mohan Bhatt	SE	CE	8779398317	harshitambce224@gst.sies.edu.in							
15	223A9066	Prajwal Pandit	TE	AIML	7208444929	prajwaljpaiml123@gst.sies.edu.in							
16	48	sayali jagdale	SE	IT	8454001401	sayalitjit123@gst.sies.edu.in							
17	123A2035	Tanmayi Nayak	SE	Extc	9326369375	tanmavisnextc123@gst.sies.edu.in							
18	123A6013	Rishu Patwa	SE	ME	9082647169	rishurpme123@gst.sies.edu.in							
19	123A6019	Sudharshan Premkumar	SE	ME	9870117502	sudharshanpme123@gst.sies.edu.in							
20	123A6002	Aditya avhad	SE	ME	9594967341	adityabeme123@gst.sies.edu.in							
21	123A6010	Sourish Mulay	SE	ME	9930963533	sourishpmme123@gst.sies.edu.in							
22	224A6041	Sarvesh Chetan Pathare	SE	ME	8286869271	sarveshcpme224@gst.sies.edu.in							
23	224A6053	OMKAR BALAJI SHINDE	SE	ME	9833802961	omkarbsme224@gst.sies.edu.in							
24	124A2050	Sarthak Ravindra Sapdhare	FE	EXTC	9226174795	sarthakrsextc124@gst.sies.edu.in							
25	124A9002	Meet Bhoir	FE	AIML	9372388841	meetdbaiml124@gst.sies.edu.in							
26		Hemant											
27	122A6026	Harshal Baviskar	TE	AIDS	8399301288	harshaldbaids122@gst.sies.edu.in							
28	122A5028	Jatin Patil	TE	AIDS	7208986479	jatinqpaids122@gst.sies.edu.in							
-5	223A9066	Prajwal Pandit	TE	AIML	7208444929	prajwaljpaime123@gst.sies.edu.in							

3. Feedback

Responses Overview Active

Responses	Average Score	Average Time
15	**0**	**02:14**

1. Email id (0 point)

More details

15
Responses

Latest Responses
"sudharshanpme123@gst.sies.edu.in"
"swayambecs123@gst.sies.edu.in"
"prajwaljpaiml223@gst.sies.edu.in"
•••

2. Name (0 point)

More details

15
Responses

Latest Responses
"Sudharshan Premkumar"
"Swayam"
"Prajwal Pandit"
•••

1 respondents (7%) answered Santosh Waykar for this question.

Pathare Satish Soham
Surya Vasundhara Maheshwari Sudharshan Premkumar Utkarsha
Unnati Pandey
SHINDE Rishu patwa Santosh Waykar OMKAR
Chetan Prajwal Pandit Sourish Mulay DEVANG SHEDGE BALAJI
Sarvesh Udayar Radhakrishnan

3. Branch (0 point)

15
Responses

Latest Responses
"Mechanical"
"ECS"
"Te AIML"
· · ·

4 respondents (27%) answered MECHANICAL for this question.

AI-DS
AI&DS
MECHANICAL
ECS IOT
Te AIML
224A6053

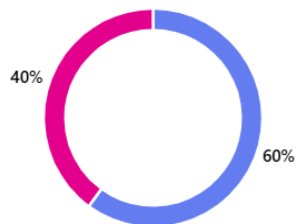4. General impression about the content of the course ? (0 point)

- Excellent 9
- Good 5
- Very good 1
- Fair 0
- Poor 0

7%
33%
60%
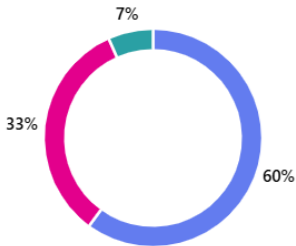
5. How well did the content address your expectations ? (0 point)

- Excellent 9
- Good 6
- Very good 0
- Fair 0
- Poor 0

40%
60%

6. How do you rate the quality of content presented? (0 point)

● Excellent	7	
● Good	6	
● Very good	2	
● Fair	0	
● Poor	0	

13%
47%
40%
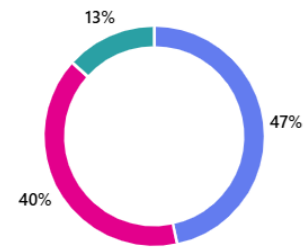
7. How relevant was the content to your profession? (0 point)

● Excellent	9
● Good	4
● Very good	2
● Fair	0
● Poor	0

13%
27%
60%
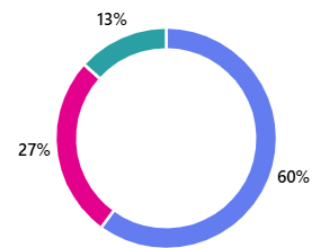
8. How do you rate the amount of content presented? (0 point)

● Excellent	6
● Good	8
● Very good	1
● Fair	0
● Poor	0

7%
40%
53%
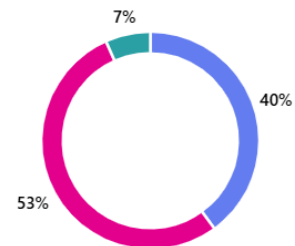
9. How do you rate hands on experience of this lab session? (0 point)

● Excellent	9
● Good	4
● Very good	2
● Fair	0
● Poor	0

13%
27%
60%
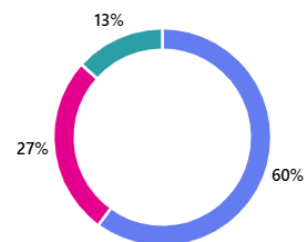
10. Other comments about event's content (0 point)

15
Responses

Latest Responses
"Nice"
"It was really nice session ...."
"No"
...

2 respondents (13%) answered iot and data for this question.

learning experience · valuable insights · course · basic overview · Excellent · GOOD · new software · person session · visualization · nice session · session · Fair · **iot and data** · Hands on experience · iot and industry · worth · experience · great · event · enought content

AJ	AK	AL	AM	AN	AO
Other comments ab ⌄	Feedback - Other cc ⌄	Points - Other comn ⌄			
.					
Hands on experience on iot and industry person session was worth it					
This course helped us to try with new software and basic overview with iot and data visualization.					
NOTHING, ALL GOOD					
Good					
-					
Had a great learning experience					
The event provided valuable insights into IoT and data visualization.					
Excellent					
Fair enough content					
NA					
.					
No					
It was really nice session					
Nice					

4. Impact analysis:

Students gained knowledge of IoT fundamentals including devices, sensors, networks and data. Also, students learned to create effective data visualizations using various tools and techniques. Hence, students developed a strong interest in IoT as well as Data Visualization technologies. They implemented mini projects as part of their coursework. This hands-on experience motivated them by

solidifying their commitment to pursue careers in this dynamic field. Students found the VAC useful and they want to attend such programs in future as well..

Outcome : Students were given project topics at the end of VAC in a group and they presented the projects they developed.

List of students who successfully completed value added course on Crafting Intelligence : IoT and Data Visualization

Sr.No.	Group No.	Group Members Name	Roll No.	Year/Bra	Project Title
1		Jatin Patil	122A8028	TE AIDS	
2		Harshal Baviskar	122A8026	TE AIDS	
3		Rishu Patwa	123A6013	SE ME	Flight Price Prediction
4	1	Omkar Shinde	224A6053	SE ME	Analysis
5		Soham Lone	124A9024	FE AIML	
6		Naman Bumb	124A9004	BE AIML	
7	2	Meet Bhoir	124A9002	FE AIML	Smart Door Lock
8		Tanish Balkavade	122A3060	TE IT	
9		Surya Udayar	122A3059	TE IT	
10	3	Sourish Mulay	123A6010	SE ME	Pitch Report Analysis
11		Aayush Shinde	123A7052	SE ECS	
12		Devang Shedge	123A7047	SE ECS	
13		Rajeev Prabhu	123A7042	SE ECS	
14	4	Swayam Bhaskar	123A7057	SE ECS	IDMB Movie Dataset Analysis
15		Sayali Jagdale	123A3048	SE IT	
16		Mita Pujari	123A3040	SE IT	
17	5	Sudarshan Premkumar	123A6019	SE ME	Water Level Indication System
18		Utkarsha Waykar	224A7070	SE ECS	
19	6	Harshita Bhatt	224A1127	SE CE	Anti-Theft Alarm System
20	7	Unnati Pandey	123A8059	SE AIDS	Stock Price Prediction using Linear Regression
21		Vasundhara Maheshwari	122AX58	TE IOT	IoT and ML based crop
22	8	Sarvesh Pathare	224A6041	SE ME	disease detection and
23	9	Tanmayi Nayak	123A2035	SE EXTC	Data Analysis of competitive exams
24		Prajwal Pandit	223A9066	TE AIML	
25	10	Aditya Avhad	123A6002	SE ME	Water Quality Detection