

School of Computer, Information and Mathematical Sciences
Department of Information Technology

Report of the Workshop on
VALUE ADDED PROGRAMME

AI & IoT : A Hands on Approach to Smart Technologies

10th Feb 2024 – 2nd Mar 2024

The **Department of Information Technology** organized a **Value Added Programme on “AI & IoT: A Hands-on Approach to Smart Technologies”** from **10th February 2024 to 2nd March 2024** for the benefit of **B. Tech IT students**. The conveners of the programme were **Dr. Sharmila Sankar, Dean/SCIMS**, and **Dr. N. Prakash, Professor & Head/IT**, with coordination by **Dr. Mohammed Wajid Khan, Assistant Professor/IT** and **Ms. A. Sonya, Assistant Professor (Sr. Grade)/IT**.

At the beginning of the programme, the conveners welcomed the participants and highlighted the importance of **Artificial Intelligence and Internet of Things** in the current technological landscape. The coordinators then introduced the course objectives and the benefits of hands-on learning with the free IoT kit provided to students.

The sessions covered **various domains of AI and IoT applications** such as **Smart Home Systems, Smart Parking, Agricultural Automation, Smart Kitchen Systems, Environmental Monitoring, Chatbot’s and Virtual Assistants, Facial Recognition, Traffic Management, and Fraud Detection**. The programme included both **theoretical discussions and practical demonstrations**, allowing students to work directly with IoT kits and apply their knowledge to real-world projects.

Throughout the programme, students were guided step-by-step in developing **prototype models** that demonstrated how AI and IoT can be integrated to create smart, efficient, and automated systems. The resource persons emphasized **problem-solving, innovation, and interdisciplinary applications** in fields like healthcare, agriculture, and smart cities.

This **hands-on value-added programme** provided the students with **industry-oriented knowledge**, enhanced their **technical problem-solving skills**, and equipped them with the ability to design and develop **smart applications** using AI and IoT technologies.

The following are the details of the participants:

S.No	RRN	Name	Year	Department
1.	230081601016	Ms Faleela Shahiba	1	IT
2.	230081601025	Kishore Kumar S	1	IT
3.	230081601026	Lalith Anandhan R	1	IT
4.	220081601015	S. Gautham Rishab	2	IT
5.	220081601018	Harini G	2	IT
6.	220081601020	Hishaam Ahamed M	2	IT
7.	220081601046	Mohammed Omar Rahman	2	IT
8.	220081601047	S. Mohammed Saifuddeen	2	IT
9.	220081601063	P.J.Sumaiya Fazaria	2	IT
10.	220081601061	Shrinivas J R	2	IT
11.	210081601001	Aafreen Marzuqa.A	3	IT
12.	210081601047	T.Rakshana	3	IT
13.	210081601048	Renukanthan K	3	IT
14.	210081601060	Syed Zaffer Sadiq	3	IT
15.	210081602006	Sreeram M V	3	IT
16.	221612601004	Syed Abdallah Albeez	2	M.Tech CSE (AI&DS)
17.	221272601002	Fariha Hiba G R	2	M.Tech (IT)

School of Computer, Information and Mathematical Sciences
DEPARTMENT OF INFORMATION TECHNOLOGY
organizes a

VALUE ADDED PROGRAMME
AI & IoT : A Hands on Approach to Smart Technologies

- SMART HOME SYSTEMS
- SMART PARKING SYSTEM
- AGRICULTURAL AUTOMATION
- SMART KITCHEN SYSTEM
- ENVIRONMENTAL MONITORING
- CHATBOTS AND VIRTUAL ASSISTANTS
- FACIAL RECOGNITION
- TRAFFIC MANAGEMENT
- FRAUD DETECTION



CONVENERS

Dr. Sharmila Sankar, Dean/ SCIMS
Dr. N. Prakash, Prof. & Head/ IT

FREE KIT
RS. 2000/-



For Registration
<https://forms.gle/MWA7YH46VgtvULds7>

COORDINATORS

Dr. Mohammed Wajid Khan, AP/ IT

Ms. A. Sonya, AP (Sr. Gr.)/ IT



wajidkhan@crescent.education

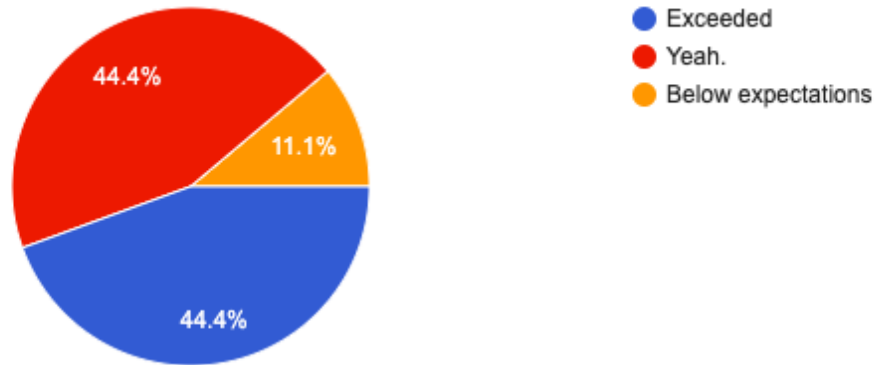


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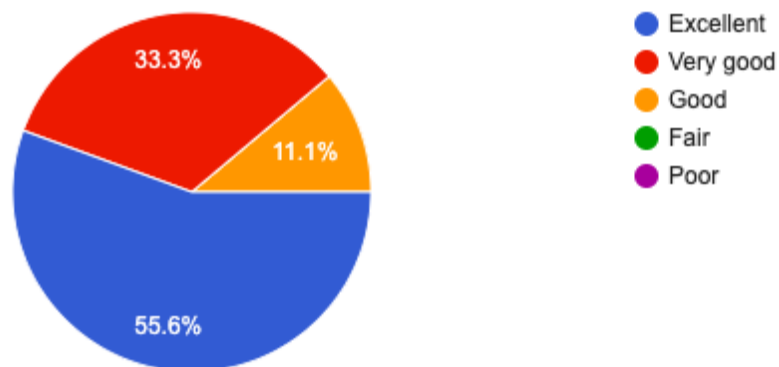


VALUE ADDED PROGRAMME – PARTICIPANTS FEEDBACK

Did the event meet your expectations?



How would you rate the overall organization of Value Added Programme?



How satisfied were you with the event venue and facilities?

