SREE VIDYANIKETHAN ENGINEERING COLLEGE
(AUTONOMOUS)
Sree Sainath Nagar, A. Rangampet – 517102

SREE VIDYANIKETHAN
Engineering College
(Autonomous)

Department of Computer Science and Engineering

Organizing

A Five Day Online

"Hands-On Workshop on Disruptive Technologies"
13 - 17 June 2022

Convenors

Dr. G. Sunitha,
Professor & BoS Chairperson CSE,
Department of CSE,
Sree Vidyanikethan Engineering College

Dr. J. Avanija,
Professor & BoS Chairperson CSE(AI&ML, DS),
Department of CSE,
Sree Vidyanikethan Engineering College

Resource Persons

Dr. Suniti Dutt
Associate Professor,
Chandigarh University, Punjab

Dr. Ruchi,
Associate Professor,
Chandigarh University, Punjab

Date	: 13.06.2022
Time	: 10:00 AM
Venue	: Online Conferencing Platform
Target Group	: Faculty Members of SVEC

HOD, CSE

Department of Computer Science and Engineering

A Five Day Online
"Hands-on Workshop on Disruptive Technologies"
13-17 June 2022

List of Participants

Venue: Online Conferencing Platform

S. No.	Details of Participants
1.	Dr. B. Narendra Kumar Rao, Professor & Head, Department of CSE, SVEC
2.	Dr. G. Sunitha, Professor, Department of CSE, SVEC
3.	Dr. M. Sunil Kumar, Professor, Department of CSE, SVEC
4.	Dr. M. Sakthivel, Professor, Department of CSE, SVEC
5.	Dr. J. Avanija, Professor, Department of CSE, SVEC
6.	Dr. K. Reddy Madhavi, Professor, Department of CSE, SVEC
7.	Dr. V. Anantha Natarajan, Associate Professor, Department of CSE, SVEC
8.	Dr. S. Sreenivasa Chakravarthi, Associate Professor, Department of CSE, SVEC
9.	Dr. C. Sushama, Associate Professor, Department of CSE, SVEC
10.	Dr. D. Ganesh, Associate Professor, Department of CSE, SVEC
11.	Dr. K. Kalaivani, Assistant Professor, Department of CSE, SVEC
12.	Mr. N. Balakrishna, Assistant Professor, Department of CSE, SVEC
13.	Mr. R. Sivasubramanian, Assistant Professor, Department of CSE, SVEC
14.	Mr. K. Arun Kumar, Assistant Professor, Department of CSE, SVEC
15.	Ms. K. Ghamya, Assistant Professor, Department of CSE, SVEC
16.	Ms. K. Nirmala, Assistant Professor, Department of CSE, SVEC
17.	Mr. Javvaji Venkatrao, Assistant Professor, Department of CSE, SVEC
18.	Ms. M. Vijayasanthi, Assistant Professor, Department of CSE, SVEC
19.	Mr. G. Venkatesh, Assistant Professor, Department of CSE, SVEC
20.	Ms. Macha Babitha, Assistant Professor, Department of CSE, SVEC
21.	Dr. K. Ramani, Professor & Head, Department of IT, SVEC

S. No.	Details of Participants
22.	Dr. K. K. Baseer, Professor, Department of IT, SVEC
23.	Mr. Ch. Prathima, Assistant Professor, Department of IT, SVEC
24.	Mr. Ch. Sreenu Babu, Assistant Professor, Department of IT, SVEC
25.	Dr. P. Dhanalakshmi, Professor, Department of CSSE, SVEC
26.	Mr. M. Ramu, Assistant Professor, Department of CSSE, SVEC
27.	Ms. Neeraja Peddinti, Assistant Professor, Department of MCA, SVEC
28.	Mr. G. C. Madhu, Assistant Professor, Department of ECE, SVEC
29.	Mr. Patnala Madhu Kumar, Assistant Professor, Department of ECE, SVEC
30.	Ms. B. Ashreetha, Assistant Professor, Department of ECE, SVEC
31.	Ms. V. Kalpana, Assistant Professor, Department of ECE, SVEC
32.	Ms. Praveena Kakarla, Assistant Professor, Department of ECE, SVEC
33.	Dr. M. S. Sujatha, Professor & Head, Department of EEE, SVEC
34.	Ms. N. S. Madhuri, Assistant Professor, Department of EEE, SVEC
35.	Mr. V. Karthikeyan, Assistant Professor, Department of EEE, SVEC
36.	Mr. S. Gunasekar, Assistant Professor, Department of EIE, SVEC
37.	Dr. O. Eswara Reddy, Professor, Department of CE, SVEC

Convenor

HOD, CSE

Department: CSE | Date: 13th to 17th June, 2022

A Five Day Online
" Hands-on Workshop on Disruptive Technologies "

The Department of Computer Science and Engineering, Sree Vidyanikethan Engineering College organized a Five Day Online **"Hands-on Workshop on Disruptive Technologies"** from 13th to 17th June 2022 for faculty of engineering departments. The workshop was convened by **Dr. G. Sunitha**, Professor & BoS Chairperson(CSE), Department of CSE, SVEC and **Dr. J. Avanija**, Professor & BoS Chairperson(AI, AI&ML, DS), Department of CSE, SVEC.

The core idea of the programme was to provide exposure to the faculty on Disruptive Technologies. The programme was aimed at faculty of all engineering disciplines. A total of 37 faculty members attended the programme. Our focus was to enhance the participants understanding and improve the skills on the Disruptive Technologies in Computer Science and Engineering domain. This workshop enabled participants to understand and simulate the disruptive technologies – Artificial Intelligence, Machine Learning, Data Science and Robotics.

13.06.2022 – Dr. B. Narendra Kumar Rao, Professor & Head, Department of CSE, delivered the welcome note and invited the participants to the workshop. Dr. Prakash, Vice President Talent Accelerator & Consultancy, welcomed the resource person and highlighted the importance of disruptive technologies in Computer Science Engineering. Dr. Suniti Dutt, Associate Professor, Chandigarh University, Punjab briefed about the sessions of the workshop and delivered a talk on Introduction to Disruptive Technologies.

14.06.2022 – On Day Two Dr. Suniti Dutt, Associate Professor, Chandigarh University, Punjab provided hands-on demonstration on Applications of Speech Recognition, Language Detection, Facial Emotion Detection and Sentiment Analysis.

15.06.2022 – On Day Three Dr. Suniti Dutt, Associate Professor, Chandigarh University, Punjab provided hands-on demonstration on Data Preprocessing, Exploratory Data Analysis, Data Visualization, Classification and Prediction.
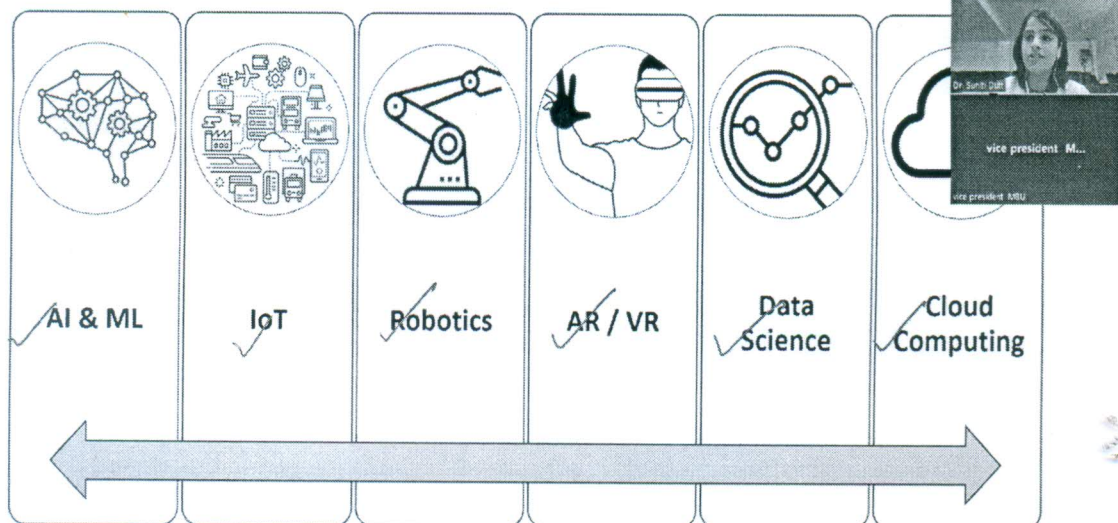
16.06.2022 – On Day Four, Dr. Ruchi, Associate Professor, Chandigarh University, Punjab provided Hands-on session on Robotics using Robotic Simulation Software. She demonstrated design of obstacle detection and collision avoidance robot in multi obstacle-based environment using CoppeliaSim software.

17.06.2022 – On Day Five, Dr. Ruchi, Associate Professor, Chandigarh University, Punjab provided Hands-on session on Robotics using Robotic Simulation Software. She demonstrated design of Two Wheel line following robot integrated with infrared sensors using CoppeliaSim software.

Outcomes of the Programme:

✓ 36 Faculty members will be able teach the course "Disruptive Technologies" offered in B.Tech. curriculum for Computer Science Engineering and related branches under Mohan Babu University.

✓ Faculty members have acquired knowledge on Disruptive Technologies in Computer Science and how Disruptive Technology as an innovation significantly alters the way that consumers, industries, or businesses operate.

✓ Faculty members have acquired hands-on practice on Disruptive Technologies in Computer Science Engineering - Artificial Intelligence, Machine Learning, Data Science and Robotics.

Dr. Suniti Dutt Delivering session on Introduction to Disruptive Technologies

Dr. Ruchi demonstration design of robots using CoppeliaSim software

Faculty Members attending the Workshop

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