	Faculty Development Program	

Title : Empowering Beginners with the Basics of Artificial Intelligence

Date : 2024-05-06 - 2024-05-10
Time : 10:00 - 17:30
Venue : TT 306

Discussion Points

- Understanding AI
- Types of AI
- Machine Learning
- Deep Learning
- Data
- Ethical Considerations
- Tools and Resources
- Hand-on Projects
- Collaborations an

	Resource Person 1 - Details **Name :** Rajkumar S **Designation :** Associate Professor Sr., School of Computer Science and Engineering **University/ Company :** VIT, Vellore **Address :** India, 632014.
	Resource Person 2 - Details **Name :** Ragukumar P **Designation :** Assistant Professor Sr. Grade 1, School of Advanced Sciences **University/ Company :** VIT, Vellore **Address :** India, 632014.
	Resource Person 3 - Details **Name :** Rajeshkannan R **Designation :** Associate Professor Sr., School of Computer Science and Engineering **University/ Company :** VIT, Vellore **Address :** India, 632014.
	Resource Person 4 - Details **Name :** Balaji G N **Designation :** Associate Professor Grade 1, School of Computer Science and Engineering **University/ Company :** VIT, Vellore **Address :** India, 632014.
	Resource Person 5 - Details **Name :** DR K MANIMALA **Designation :** Associate Professor, Information Science and Technology **University/ Company :** Anna University, Chennai **Address :** India, 600025.
	Resource Person 6 - Details **Name :** Dr E SIVASANKAR **Designation :** Associate Professor, Department of CSE **University/ Company :** National Institute of Technology, Trichy **Address :** India, 620015.
	Resource Person 7 - Details **Name :** Dr P Kumaran **Designation :** Assistant Professor, Department of CSE **University/ Company :** NIT, Pondicherry **Address :** India, 609602.
	Resource Person 8 - Details **Name :** DR R PRAVEEN **Designation :** Senior Software Engineer, Department of CSE **University/ Company :** ICU Medical Inc, Chennai **Address :** India, 600001.

Resource Person's Profile :

1. Profile of Rajkumar S

He has more than 15 years of teaching experience and published more than 45 articles in the reputed journals.

2. Profile of Ragukumar P

He has more than 10 years of teaching and research experience and published more than 15 articles in the reputed journals.

3. Profile of Rajeshkannan R

Sir has more than 15 years of teaching experience and published more than 35 articles in the reputed journals.

4. Profile of Balaji G N

Specialization is AI and ML

5. Profile of DR K MANIMALA

An accomplished Administrator, Teacher and Educator with expertise in engineering education

Motivating and talented Professor driven to inspire students to pursue academic and personal excellence

Extensive experience in the creation and design of successful student programs with a track record of delivering positive results like good results, placements etc

Good track record of research with publications in reputed journals and funded research projects

6. Profile of Dr E SIVASANKAR

Design and Development of Efficient Feature Selection and Classification Techniques for Clinical Decision Support System

7. Profile of Dr P Kumaran

I (Dr. P. Kumaran) currently working as an Assistant Professor in the Department of Computer Science and Engineering, National Institute of Technology Puducherry, Karaikal, India since August 2021. Before joining this job, I worded as a Post-Doctoral Fellow in the Department of Computer Science and Engineering, National Institute of Technology, Tiruchirappalli. I awarded my PhD degree in the year of 2019 from Anna University, Chennai, India with the central government Fellowship (UGC-NFOBC). I

8. Profile of DR R PRAVEEN

MedNet is a Web Application which is used to manage and monitor Infuser devices in a hospital network.

HCA is a cloud-based application, in which all the infuser related details are sent to the Cloud via DFM connectors Upstream and Downstream connector. Java queues are used to place all the Device messages in queue. From the queue they are sent via connectors to Cloud. Asynchronous and persistent communication is established between HCA and cloud.

Three applications namely HMSS

By giving a concise and understandable summary of the principles of artificial intelligence, it hopes to encourage novices to investigate, test, and eventually contribute to the fascinating topic of AI. Talk about the main ideas like deep learning and machine learning, how to break down complicated algorithms into simpler parts, applications, ethical considerations, and the future.

NLTK (Natural Language Toolkit), TensorFlow, PyTorch, Scikit-learn, Keras, OpenCV, Google Cloud AI Platform, IBM Watson Studio, and Apache Spark.

Coordinator's:	Prof. RAJASEKARAN G 14518 - Assistant Professor Sr. Grade 1 - SAS
	Prof. JAGATHESWARI S 15762 - Assistant Professor Sr. Grade 2 - SAS