Vidya Academy of Science & Technology
Department of Computer Science and Engineering

Organizes ISTE Sponsored 3 Days Online
Faculty Development Program (FDP) On

Research Foundations and Perspectives of Data Science and Deep Learning

Convener : Dr. Ramani Bai V, Prof. & HOD, CSE

Coordinators : Remya K R AP, CSE   Rejusha T R AP, CSE

About College

Vidya Academy of Science & Technology (VAST) is a state-of-the-art engineering college conforming to international standards. This model engineering college is approved by AICTE vide approval NO./06/ KER/ENGG/2002/91 dated 12/05/03 and affiliated to APJ Abdul Kalam Technological University. In few years VAST has evolved and achieved recognition as a notable School of Engineering with its competent and committed faculty, high quality infrastructure and high technology teaching aids, and by providing a serene atmosphere that complements academic life. VAST has a holistic approach to education where academic training goes hand in hand with offerings that develop the body,mind and soul to prepare its graduates to be future leaders.

About Department

The Department was established in the year 2003 with the commencement of a B.Tech. programme in Computer Science & Engineering. Department currently offers a B.Tech. programme in Computer Science & Engineering with an Intake of 180 students and the programme is affiliated to the A.P.J. Abdul Kalam Technological University, Trivandrum, Kerala.

The department is augmented with well qualified faculty members with rich teaching and industry experience. Apart from teaching, our faculty members have published research papers in National and International journals. Our students undertake internships in leading MNCs and are placed in reputed Organizations across the globe. Some of our Alumni have grown to greater heights and they constantly interact with the department. We strive to provide the holistic and inclusive ambience to embellish their knowledge and skills to achieve their long term goals.

Our Vision

Progress through quality education and become a centre of excellence in computing knowledge..

Our Mission

To seek, to strive for advancements in technological and social aspects so as to create socially responsible engineers in the field of computer science, who will embark to further reduce gap between science and man-kind.

About FDP

The Department of Computer Science and Engineering organises a Three-day National Level Virtual FDP on Data Science and Deep Learning from 12th to 14th Feb, 2024. Data Science basically is a multidisciplinary field that uses scientific methods, processes, algorithms and systems to extract knowledge and insights from structured and unstructured data. The FDP is planned to give exposure to the faculty members on research foundations and applications of Data Science and Deep learning from academics and industrial perspectives.

Program Schedule

DAY	SESSION	TOPIC	FACULTY
12.02.2024	9.30am - 12 noon	1.1 Inauguration 1.2 Introduction to Data Science 1.3 Mathematical Foundations of Data Science	**Dr. Shailesh S** AI/ML Enthusiast, Assistant Professor, DCS, CUSAT, Cochin, Kerala
	1.00pm - 3.30pm	2. Statistical Foundations of Data Science	**Dr. Bindu Krishna** Senior Statistician, Data & AI, IBM India Software Labs, Cochin, Kerala
13.02.2024	9.30am - 12 noon	3. Data Exploration, Visualization and Data Preprocessing Techniques - Illustration with all kinds of data	**Dr. Remya K Sasi** Assistant Professor, DCS, CUSAT, Cochin, Kerala
	1.00pm - 3.30pm	4.1 Research Foundations of Data Science 4.2 Tools and Technologies for Data Science Research	**Dr. Anoop V S** Research Officer, School of Digital Sciences, Digital University, Kerala, Thiruvananthapuram
14.02.2024	9.30am - 12 .00pm	5.1 Developing Deep Learning Models, Evaluation & Optimizations 5.2 Case Study Demonstrations : Computer Vision Problems	**Dr. Shailesh S** AI/ML Enthusiast, Assistant Professor, DCS, CUSAT, Cochin, Kerala
	1.00pm - 3.30pm	6.1 Case Study Demonstrations: NLP Problems 6.2 Research Perspectives of Data Science – Data Sets, Publications, Funding Agencies etc. 6.3 Feedback & Concluding Remarks	**Dr. Jeena K** Assistant Professor, DCS, CUSAT, Cochin, Kerala

Registration Details

Faculty members, Research scholars, Research associates, Industry Professionals and PG students from AICTE approved Institutions can apply for the FDP.

Last date for Registration: **09.02.2024**

Registration Fee: **Rs 200/-**

Contact us :

Remya K R
+91 8086264264
remya830@vidyaacademy.ac.in

Rejusha T R
+91 8547085131
rejusha821@vidyaacademy.ac.in

Rules & Regulations

- Attendance is mandatory for all the sessions.
- Filling of feedback form will be considered as the attendance for a session.
- Feedback form will be shared at the end of every session.
- E-certificate will be provided to all those who attend all the session.
- Online meet link to the registered participants will be shared through whatsapp and mail.

How to apply?

Form Registration Link :
https://forms.gle/hvUyFNfCqS6i4u4o6

Scan the QR code for the payment

OR

G pay Number - +91 8547085131