

## ABOUT THE INSTITUTION

Shri Madhwa Vadiraja Institute of Technology & Management (SMVITM), situated at Bantakal in Udupi district. The institute founded in the year 2010 by Shri Shri Vishwavallabha Theertha Swamiji of Shri Sode Vadiraja Mutt with the motto "Engineering your Career and Character with Care". Though SMVITM is the youngest institute in the region, its accomplishments are many. Accreditation with "A-Grade" by National Assessment and Accreditation Council (NAAC), accreditation to the undergraduate programs by the National Board of Accreditation (NBA) are the outstanding accomplishments of the institute in the recent years. The institute is well received by the general public for the excellent infrastructure, distinguished learner centric facilities and dedicated team of faculty and staff members.

## ABOUT THE DEPARTMENT

The department of Computer Science and Engineering is one among the much sought departments at SMVITM. The undergraduate program (B.E) offered by the department has been accredited by the National Board (NBA). The department has experienced and motivated faculty members contributing immensely to the overall development of the students. It is the custom of the department to host many national level events like Hackothsava, National/International conferences, IOT and other learner centric events / activities to nurture the talents of students. The department also engaged in mentoring the students, organizing career guidance and value added programs throughout the years. The research culture has been induced through various research activities with the support of qualified and experienced faculty members. The department has state-of-the-art laboratories and excellent library facilities to meet the academic needs of students.

## DEPARTMENT VISION

"To become a centre of excellence, in the field of Computer Science and Engineering education and research, catering the needs of the industry and society"

## DEPARTMENT MISSION

- To educate the Computer Science Engineering aspirants with basic and advanced technologies.
- To prepare students with additional skill-set so that, they can make a difference in competitive environments.
- To orient themselves towards continuously improve their technological skills.
- To train students to communicate effectively and be faithful to ethical values.

## ABOUT THE PROGRAMME

The FDP is aimed at imparting knowledge and training on the fundamentals of machine learning and its applications. The main objective is to make the participants familiar with machine learning and information retrieval techniques. Expert lectures will be delivered by eminent resource persons from industry. This programme may be beneficial to Faculty members & Research Scholars who intend to practice/begin research in the field of processing and analysis of data using advance techniques such as AI/ML/DL etc.

## NOTE

**FDP starts from 28th Oct to 01 Nov everyday .**

### Web Link :

[https://sode-edu.in/sode\\_events/fdp-on-ai-ml/](https://sode-edu.in/sode_events/fdp-on-ai-ml/)



**SMVITM**

**FIVE DAYS FACULTY DEVELOPMENT PROGRAMME**

**ON**

## **ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING**

**(28/10/2021 to 01/11/2021)**

**Organized by**

**Department of  
Computer Science & Engineering  
in association with  
Tequed Labs**



## **SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT**

( A Unit of Shri Sode Vadiraja Mutt Education Trust®, Udupi )  
Accredited by NBA | Accredited by NAAC with 'A' Grade |  
Affiliated to VTU, Belagavi, Karnataka Vishwothama Nagar,  
Bantakal, Udupi – 574 115, Karnataka, India  
Website: [www.sode-edu.in](http://www.sode-edu.in) / Mobile: +91 96116 15001  
Tel: +91 74830 31199/ +91 74830 31200

## PATRONS

Shri.Shri Vishwavallabha Theertha Swamiji  
President, Shri Sode Vadiraja Mutt  
Education Trust – Udupi

Shri. Rathnakumar  
Secretary, Shri Sode Vadiraja Mutt  
Education Trust – Udupi

## ADVISORY COMMITTEE

Dr. Thirumaleshwara Bhat, Principal  
Dr. Ganesh Aithal, Vice Principal  
Dr. Vasudeva, Dean (Research & Consultancy)  
Dr. Sudarshan Rao, Dean (Quality Assurance)

## CO-ORDINATOR

Dr. Nagaraj Bhat, HOD, Department of CSE

## ORGANIZING COMMITTEE

Mrs. Savitha Shenoy, Asst. Professor (Sr.),

Mr. Sadananda L, Asst. Professor (Sr.),

Ms. Ramyashree, Asst. Professor,

Mrs. Gowri T Bhat, Foreman.

## CONTACT DETAILS

Mr. Sadananda L  
Assistant Professor (Sr.),  
Email:[sadananda.cs@sode-edu.in](mailto:sadananda.cs@sode-edu.in)  
Phone: +91 9591964222

Ms. Ramyashree  
Assistant Professor  
Email:[ramyashree.cs@sode-edu.in](mailto:ramyashree.cs@sode-edu.in)  
Phone: +91 94818 26076

## CONTENT OF THE FDP

### DAY-1

- Introduction to Learning-methodologies and human examples
- Conventional Programming v/s Artificial Intelligence branches of AI
- Introduction to Python libraries for data acquisition and handling

### DAY-2

- Implementation of Linear Regression Algorithm and predictions
- Neural network and their involvement in Deep Learning
- Usage of tensor flow and Keras Libraries for building deep learning models
- Image processing based classifier using deep learning project

### DAY-3

- Allocation of miniproject and discussion
- Hands - on sessions (As per VTU syllabus – 18CSL76)

### DAY-4 (Virtual mode)

- Mini Project practice and Implementation

### DAY-5 (Virtual mode)

- Mini Project discussion and Evaluation

## HIGHLIGHTS OF THE FDP

- Lab Programs (As per VTU syllabus – 18CSL76) will be discussed.
- Miniproject will be given and assessed. Prize will be awarded for the best project.
- Tequed Labs will be offering a course worth Rs.3000/- to all the participants.
- Day-1 to Day-3 will be in OFFLINE mode and Day-4 & Day-5 in virtual mode.

## RESOURCE PERSON

- Mr. Mohammed Ameer  
Corporate Trainer at Tequed Labs
- Mr. Adithya S K  
CTO and Director at Tequed Labs
- Mr. Ameen Manna  
Corporate Trainer at Tequed Labs

## WHO CAN ATTEND ?

Faculty members from the AICTE approved institutions and research scholars from Universities and Industry professionals working in the related area can participate in the programme

## EARLY BIRD REGISTRATION

Registration fee of Rs.800/-

Early bird registration with discounted fee of Rs.500/-

## IMPORTANT DATES

EARLY BIRD REGISTRATION: 23<sup>RD</sup> OCTOBER 2021

LAST DATE FOR REGISTRATION: 26<sup>TH</sup> OCTOBER 2021

For registration, click the link given below:

<https://forms.gle/bmyzvT1N9iNjLwn78>

Payment details are as follows:

ACCOUNT HOLDER NAME: SHRI MADHWA VADIRAJA  
INSTITUTE OF TECHNOLOGY AND MANAGEMENT

ADDRESS: VISHWOTHAMANAGAR, SHIRVA  
BANTAKAL, KARNATAKA – 574115

ACCOUNT NO. : 50100303818541

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