



**MAY  
2021 17-21**

**LBS INSTITUTE OF TECHNOLOGY FOR WOMEN**  
A GOVT OF KERALA UNDERTAKING  
POOJAPPURA, THIRUVANANTHAPURAM

**FIVE DAY FACULTY TRAINING PROGRAMMAE ON**

**RECENT ADVANCEMENTS IN IMAGE PROCESSING AND COMPUTER VISION- 2021**

**ORGANIZED BY**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**ABOUT THE ORGANIZATION**

Lal Bahadur Shastri Institute of Technology for Women (LBSITW), Thiruvananthapuram, is the first engineering college for women in the state, undertaken by Government of Kerala. This College is managed by LBS Centre, Trivandrum. The Centre is administered by a governing body and an executive committee with the Honorable Chief Minister as the Chairman of the governing body and the honorable minister for Education as the Vice-Chairman. The institution was inaugurated on 30th Oct 2001, approved by the AICTE and affiliated to the APJ Abdul Kalam Technological University, Kerala. The Institute offers B.Tech programs in Electronics and Communication, Applied Electronics and Instrumentation, Computer Science and Engineering, Information Technology, Civil Engineering and M.Tech programs in Signal Processing and Computer Science and Engineering. We have a total strength of 1300 students and 100 academic staff.

**VISION OF THE DEPARTMENT**

To be renowned Academic and Research centre in Computer Science and allied domains.

**MISSION OF THE DEPARTMENT**

To impart quality technical education by providing a conducive learning and research ambience for moulding ethically responsible Engineers, Academicians and Researchers catering to the needs of the industry and society.

**OBJECTIVE OF THE FACULTY DEVELOPMENT PROGRAMME**

The goal of this course is to introduce participants in the area of computer vision, starting from basics and then turning to the most modern cutting edge technology, deep learning models. This course will cover both image processing, including image classification and annotation, object recognition and image search, various object detection techniques, motion estimation, object tracking in video, human action recognition and many more. This course will also give an idea about applying the knowledge in various fields of image and deep learning models.

**CO-ORDINATORS**

**DILIYA M KHAN**

ASSISTANT PROFESSOR  
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

**LEKSHMY P L**

ASSISTANT PROFESSOR  
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

[www.lbt.ac.in](http://www.lbt.ac.in)

**REGISTRATION**



<https://qrgo.page.link/556mK>





## WHO CAN APPLY ?

Faculty Members, Technical Staff, Research Scholars, Students, Employees from AICTE approved Institutions and Industry are eligible to apply for this programme.

## HOW TO APPLY ?

The participants have to fill and submit the Google Form attached. The proof of payment, is to be sent to the mail [csefdp21@gmail.com](mailto:csefdp21@gmail.com) at the latest by **15 May 2021**. The selection will be on first come first serve basis. Number of participants is limited to **100**.

## REGISTRATION FEES

PG/Research Scholar & Faculty (Self-Financing Colleges) : ₹. 100/-  
Industry People : ₹. 200/-

## PAYMENT MODE: ONLINE/ NEFT

Name of the Bank : **INDIAN OVERSEAS BANK, Poojappura**  
A/C Name : **fdponcomputervision**  
A/C No : **314901000003584**  
IFSC Code : **IOBA0003149**

## DETAILED SCHEDULE



Dr Deepak Mishra  
Professor & Head  
Department of Avionics  
Indian Institute of Space Science & Technology

17-May-2021 [09.00 Am - 11.15 Am]  
Inauguration  
Recent Trends in Computer Vision and its Research Directions



Dr U.S.N. Raju  
Assistant Professor  
Department of Computer Science & Engineering  
National Institute of Technology, Warangal

17-May-2021 [11.30 Am to 01.15 Pm]  
Introduction to Image Processing: Image Enhancement, Image Restoration, Image Transforms, Image Compression.

18-May-2021 [09.30 Am to 12.30 Pm]  
Frequency Domain Filtering, Edge Detection, Detection and segmentation in images and Big Image Data Processing using Deep Learning Techniques



Dr M. Srinivas  
Assistant Professor  
Department of Computer Science & Engineering  
National Institute of Technology, Warangal

17-May-2021 [02.00 Pm to 05.00 Pm]  
Supervised and Unsupervised techniques for image classification and applications

18-May-2021 [01.30 Am to 04.30 Pm]  
Image segmentation using clustering method (K-Means clustering)



Dr Vishnukumar S  
Associate Professor  
Department of Computer Applications  
Cochin University of Science and Technology

19-May-2021 [09.30 Am to 12.30 Pm]  
Deep Learning and Computer Vision, Convolutional image processing, Architectures and Packages for deep learning

20-May-2021 [01.30 Pm to 04.30 Pm]  
Deep Generative Models



Dr Sowmya V  
Assistant Professor  
Amrita Center for Computational Engineering and Networking  
Amrita University, Coimbatore

19-May-2021 [01.30 Am to 04.30 Pm]  
AI for Biomedical Image Analysis.

20-May-2021 [09.30 Pm to 12.30 Pm]  
Drone Image Analysis Using Deep Learning for Agricultural Applications.



Dr Lijiya A  
Assistant Professor  
Department of Computer Science and Engineering  
National Institute of Technology, Calicut

21-May-2021 [09.30 Am to 12.30 Pm]  
Computer vision and Deep Learning for Assistive Technologies



Mrs Poornima Singh Thakur  
Research Scholar  
Department of Computer Science and Engineering  
IITDM Jabalpur

21-May-2021 [01.30 Pm to 04.30 Pm]  
Recurrent Neural Networks (RNNs): CNN + RNN Models for Video Understanding

## CONTACT US

DILIYA M KHAN : +91- 9447227862  
[diliyakhan@lbsitw.ac.in](mailto:diliyakhan@lbsitw.ac.in)

LEKSHMY PL : +91-9497000337  
[lekshmypl@lbsitw.ac.in](mailto:lekshmypl@lbsitw.ac.in)

## GOOGLE MEET LINK

<https://meet.google.com/bsv-eihs-aop>

