

# Bharati Vidyapeeth's Institute of Management & Information Technology Navi-Mumbai

Approved by AICTE New Delhi, Affiliated to University of Mumbai  
NBA Accredited

## ONLINE FACULTY DEVELOPMENT PROGRAMME

ON

## DEEP LEARNING –HANDS ON TRAINING



Patron  
Hon. Dr. Vishwajeet Kadam  
Secretary,  
Bharati Vidyapeeth



Patron  
Dr. Vilasrao Kadam  
Regional Director,  
Bharati Vidyapeeth's  
Educational Campus,  
Navi Mumbai



Chairperson  
Dr. Suhasini Vijaykumar  
Principal, BVIMIT,  
Navi Mumbai

**Starting Date: 23<sup>rd</sup> September 2023**

**Time: 10:00 am - 01:00 pm**

## OBJECTIVES OF THE FDP

- Provide insights on the practical application of Deep Learning.
- Understand the concept of Artificial Neural Networks, Convolution Neural Networks and Recurrent Neural Networks.
- Explore Tensorflow, Keras and Pytorch and their pedagogical and industry use cases and applications

## ABOUT BVIMIT

At BVIMIT, our objective has been to contribute to intellectual awakening and social transformation in different spheres such as education, economic, social & cultural fields in India and more particularly in Maharashtra. Information Technology has invaded our society in a very significant manner. Hence to keep pace with the modern times, the year 2002 marked the establishment of Bharati Vidyapeeth's Institute of Management & Information Technology. At BVIMIT, we impart I.T. Management education to meet the demand of the I.T. Industry.

## REGISTRATION

**Registration fees: Rs. 100/-**

**Registration Link: <https://forms.gle/AyYFjPXacvLmEWS8A>**

Please join the Whatsapp group after registration

## BANK DETAILS

Kindly make payment of registration fees through **NEFT**

<b>College Name</b>	<b>BVIMIT, Navi Mumbai</b>
<b>Bank Name</b>	<b>Bharati Sahakari Bank Ltd. Pune</b>
<b>Bank Account No</b>	<b>008002300010427</b>
<b>IFSC Code</b>	<b>SVCB0010008</b>

- FDP will be conducted in Hybrid mode.
- Certificates will be provided to participants to after attending all sessions.

### Course Contents

Day 1	<ul style="list-style-type: none"> <li>• Supervised, Unsupervised and Reinforcement Learning with videos and demos</li> <li>• Convolutional Neural Networks</li> </ul>
Day 2	<ul style="list-style-type: none"> <li>• Tensorflow, Keras and Pytorch and their pedagogical and industry use cases and applications</li> <li>• Computer Vision and its applications: Image Classification, Object Recognition and detection</li> </ul>
Day 3	<ul style="list-style-type: none"> <li>• NN Architecture and LSTM, Google Colab</li> <li>• Natural Language Processing(NLP) Applications: Machine Translation using TensorFlow/PyTorch</li> </ul>
Day 4	<ul style="list-style-type: none"> <li>• Current Research in DL–Architectures, Applications</li> <li>• Deep learning application in recommender systems and information retrieval</li> </ul>
Day 5	<ul style="list-style-type: none"> <li>• Big Data Analytics: Applications and Case Studies</li> <li>• Visualization tools and scenarios</li> </ul>

### FDP CONVENERS

- **Dr. Suhasini Vijaykumar**, Principal, BVIMIT, Navi Mumbai
- **Dr. Priya Chandran**, Assistant Professor, BVIMIT, Navi Mumbai
- **Mr. Manish Dubey** , Assistant Professor, BVIMIT, Navi Mumbai

*Contact us: 8657008016, 9969052255*

**Bharati Vidyapeeth's Institute of Management & Information Technology**

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