



SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
COLLEGE OF ENGINEERING, PANDHARPUR
Gopalpur -Ranjani Road, Gopalpur, P.B. No. 54, Tal - Pandharpur- 413 304,
Dist. Solapur (Maharashtra) Ph.: (02186) 225083, Fax: (02186) 225082.
(Approved by AICTE, New Delhi and affiliated to Solapur University, Solapur)

FDP Report

- **Name of FDP:** Deep Learning and Applications
- **Date:** 09th Dec. to 13th Dec. 2019
- **No. of Participants:** 42
- **Brief report:** Department of CSE has organized five days faculty development program on "Deep Learning and Applications", from 09th Dec. to 13th Dec. 2019. The FDP was sponsored by IIIT DM, Jabalpur. For this FDP, total 53 faculties were participated from different institutes. Dr. Gaurav Trivedi (IIT Guwahati), Prof. Vineet Sahula (MNIT Jaipur), Dip Prakash Samajdar (IIITDM Jabalpur) and Dr. Menka Yadav (MNIT Jaipur) were resource person. This FDP was conducted in collaboration with IIITDM, Jabalpur. E&ICT Academy and funded by Ministry of Electronics and IT, Government of India.

Photographs of FDP

Patrons
Dr.B.P.Ronge
PRINCIPAL, College of Engineering, Pandharpur.

Convenor
Dr.P.M.Pawar
DEAN ACADEMICS,CIVIL HOD , College of Engineering,Pandharpur

Coordinator
Dr. Bhuvaneshwari C. Melinmath.
HOD,CSE, College of Engineering,Pandharpur

Co-Coordinator
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Asst. Professor,
CSE, College of Engineering,Pandharpur

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Shri Vitthal Education and Research Institutes
College of Enginnering,
Pandharpur.

MAJOR TOPICS

- Overview of machine learning, Supervised and unsupervised learning , Artificial Neural Networks, Feedforward Neural networks, Gradient Descent and the back propagation algorithms, Regularization and Optimization. **Practice Session:** Introduction to Python Programming, Tensorflow and Keras. Making a Neural Network, training and testing. Saving the best weights and model
- Convolutional Neural Network (CNN), convolution/Pooling layers, Activation maps, CNN as a feature extractor, Some Standard CNN architectures like AlexNet, VGGNet, GoogLeNet, ResNet and more recent networks
- Autoencoders (AEs), Undercomplete and Overcomplete AE, Convolutional AE, Regularization, Sparsely regulated AEs, Denoising and Stacked AE. Generative Adversarial Networks (GAN), Variants of GAN. **Practice Session:** Using pretrained models, Transfer learning, Applying GoogleNet and ResNet for specific problems. Using Autoencoders .
- Brief Introduction to Recurrent Neural Networks, LSTM, GRU and their applications in machine translation, language modelling and sentiment classification. **Practice Session:** Building an AI application for sentiment classification from travel/hotel website user feedback data.
- Object detection algorithms, R-CNN, Faster R-CNN, YOLO and SSD. Hands on- Object detection. **Practice Session:** Installing Darknet framework on your laptop, how to use YOLO for object detection.

CONTACT US

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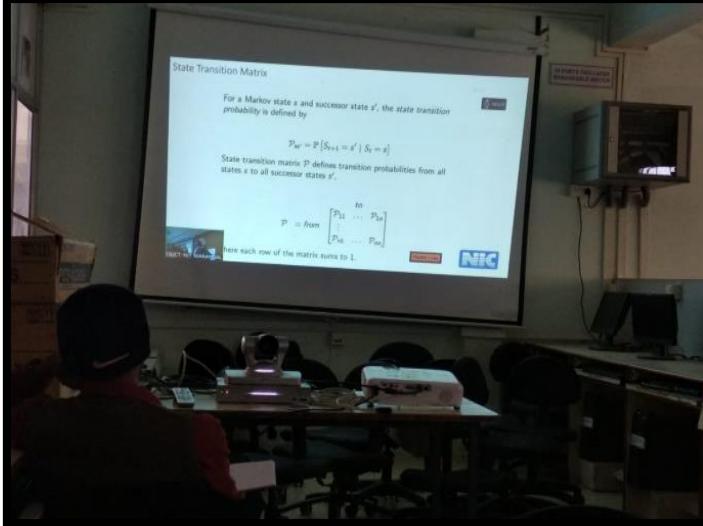
One Week
Faculty Development Program
On
Deep Learning and Applications
Sponsored By
IIITBM, Jabalpur, E&ICT Academy
9th - 13th December 2019

An Initiative of
Ministry of Electronics and IT,
Government of India.

Registration Link:
<http://fdp.sveri.ac.in>



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Attendance

Participant List SVERI's College Of Engineering, Pandharpur Deep Learning and applications 9 th to 13 th December 2019					
S. No.	Name	Faculty/ Student/ Others	Male/Female	Category (SC/ST/OBC/UR)	Institution
1	Ms. Pallavi R. Dolas	Faculty	Female	OBC	SVERI COE, Pandharpur
2	Mr. A. T. Deshmukh	Faculty	Male	UR(Open)	SVERI COE(poly), Pandharpur
3	Mrs. S. S. Kadamb	Faculty	Female	UR(Open)	SVERI COE, Pandharpur
4	Mrs. N. D. Deval	Faculty	Female	UR(Open)	SVERI COE, Pandharpur
5	Mrs. R. M. Shinde	Faculty	Female	UR(Open)	SVERI COE, Pandharpur
6	Ms. A. S. Pathan	Faculty	Female	UR(Open)	SVERI COE, Pandharpur
7	Ms. S. M. Deshmukh	Faculty	Female	UR(Open)	SVERI COE, Pandharpur
8	Mr. S.B. Godse	Faculty	Male	OBC	SVERI COE(poly), Pandharpur
9	Ms. Neeta P. Kuljarni	Faculty	Female	Open	SVERI COE, Pandharpur
10	Mr. P. D. Patil	Faculty	Male	UR(Open)	SVERI COE(poly), Pandharpur
11	Mrs. Minakshi M. Pawar	Faculty	Female	Open	SVERI COE, Pandharpur
12	Ms. M. P. Pawar	Faculty	Female	UR(Open)	SVERI COE(poly), Pandharpur
13	Mr. N. M. Maske	Faculty	Male	SC	SVERI COE, Pandharpur
14	Mr. S. V. Darshane	Faculty	Male	UR(Open)	SVERI COE, Pandharpur
15	Mr. N. N. Salvitthal	Faculty	Male	UR(Open)	SVERI COE, Pandharpur
16	Mrs. Dhanashree V. Patil	Faculty	Female	UR(Open)	SVERI COE, Pandharpur
17	Mr. A. M. Dyade	Faculty	Male	OBC	SVERI COE, Pandharpur
18	Dr. B. C. Mellinamath	Faculty	Female	UR(Open)	SVERI COE, Pandharpur
19	Mr. S. D. Bhosale	Faculty	Male	UR(Open)	SVERI COE, Pandharpur
20	Mr. S. M. Shinde	Faculty	Male	SC	SVERI COE, Pandharpur
21	Ms. S. A. Shegdar	Faculty	Female	UR(Open)	SVERI COE, Pandharpur
22	Mr. V. M. Sale	Faculty	Male	SC	SVERI COE, Pandharpur
23	Mrs. V. D. Jadhav	Faculty	Female	UR(Open)	SVERI COE, Pandharpur
24	Ms. Rupali R. Shinde	Faculty	Female	UR(Open)	SVERI COE, Pandharpur
25	Mr. R. D. Kulkarni	Faculty	Male	UR(Open)	SVERI COE, Pandharpur
26	Ms. V. B. Maskar	Faculty	Female	UR(Open)	SVERI COE(poly), Pandharpur
27	Mr. G. G. Patil	Faculty	Male	UR(Open)	SVERI COE, Pandharpur
28	Mr. R. B. Kagade	Faculty	Male	UR(Open)	SVERI COE, Pandharpur
29	Mrs. T. A. Dhumal	Faculty	Female	UR(Open)	SVERI COE, Pandharpur
30	Mr. Sujit A. Inamdar	Faculty	Male	Open	SVERI COE, Pandharpur
31	Mr. Aksahty A. Jadhav	Faculty	Male	Open	SVERI COE, Pandharpur
32	Neha S. Patil	Faculty	Female	Open	SVERI COE, Pandharpur
33	Mr. Jamardhan Balasaheb Asabe	Faculty	Male	Open	SVERI COE(poly), Pandharpur


 Dr. D. S. Patil
 HOD,
 Department of Computer Science & Engineering
 SVERI, Pandharpur

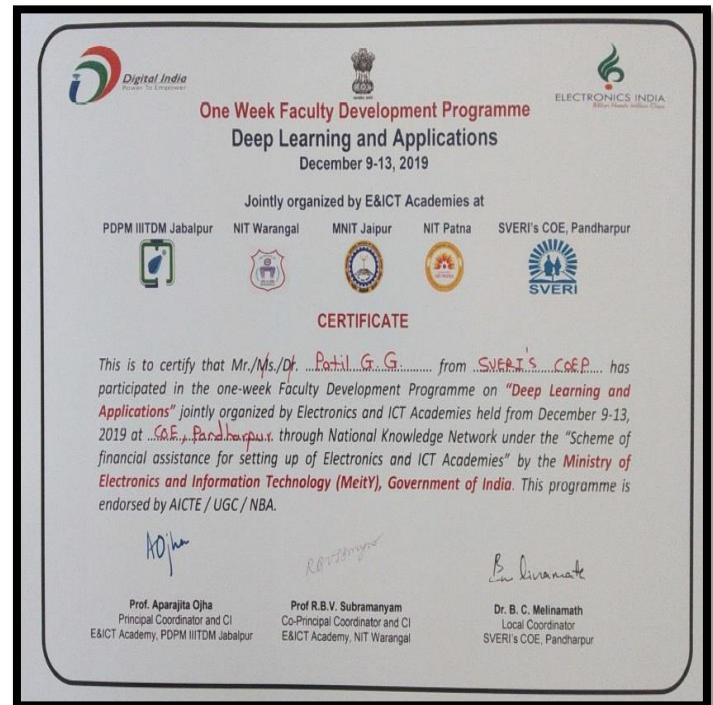


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38	Mr.T.P.Ingole	Faculty	Male	Open	COE(poly),Pandharpur
39	Mr.S.N.More	Faculty	Male	Open	SVERI COE,Pandharpur
40	Mr.K.B.Jundale	Faculty	Male	Open	SVERI COE(Poly),Pandharpur
41	Mr.S.J.Jadhav	Faculty	Male	Open	SVERI COE,Pandharpur
42	Ms.V.G.Kalebag	Faculty	Female	NT	SVERI COE,Pandharpur
43	Ms.Pawar P.M	Faculty	Female	Open	SVERI COE(Poly),Pandharpur
44	Ms.Dongare M.A	Faculty	Female	Open	SVERI COE(Poly),Pandharpur
45	Mrs.Dipti A.Tamboli	Faculty	Female	Open	SVERI COE,Pandharpur
46	Ms.Shamli V. Jagzap	Faculty	Female	Open	SVERI COE,Pandharpur
47	Ms.Geeta G. Unhale	Faculty	Female	Open	SVERI COE,Pandharpur
48	Ms.S.D.Mali	Faculty	Female	Open	SVERI COE,Pandharpur
49	Ms.G.J.Khare	Faculty	Female	OBC	SVERI COE(Poly),Pandharpur
50	Ms.Sneha S.Kadam	Faculty	Female	Open	SVERI COE,Pandharpur
51	Miss. Kanchan I. chouhan	Student	Female	Open	SVERI COE,Pandharpur
52	Miss.Snehal R. Korke	Student	Female	Open	SVERI COE,Pandharpur
53	Miss. Akshata S. Jadhav	Student	Female	Open	SVERI COE,Pandharpur

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Sample Certificates



Dr. B. C. Melinamath
 HOD CSE