



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:** 09<sup>th</sup> Dec. to 13<sup>th</sup> Dec. 2019
- **No. of Participants:** 42
- **Brief report:** Department of CSE has organized five days faculty development program on “Deep Learning and Applications”, from 09<sup>th</sup> Dec. to 13<sup>th</sup> 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

<p>Patrons <b>Dr.B.P.Ronge</b> PRINCIPAL, College of Engineering, Pandharpur.</p> <p>Convener <b>Dr.P.M.Pawar</b> DEAN ACADEMICS,CIVIL HOD , College of Engineering,Pandharpur</p> <p>Coordinator <b>Dr. Bhuvaneshwari C. Melinmath.</b> HOD,CSE, College of Engineering,Pandharpur</p> <p>Co-Coordinator <b>Prof. D.V.Patil</b> Asst.Professor, CSE, College of Engineering,Pandharpur</p> <p>SVERI's College of Engineering, Pandharpur. Phone- 9545553888,9545553737 Toll free: 180030004131 Pin:413304 Website: <a href="http://www.sveri.ac.in">www.sveri.ac.in</a></p> 	<p><b>MAJOR TOPICS</b></p> <ul style="list-style-type: none"><li>• Overview of machine learning, Supervised and unsupervised learning , Artificial Neural Networks, Feedforward Neural networks, Gradient Descent and the back propagation algorithms, Regularization and Optimization. <b>Practice Session:</b> Introduction to Python Programming, Tensorflow and Keras. Making a Neural Network, training and testing. Saving the best weights and model</li><li>• 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</li><li>• Autoencoders (AEs), Undercomplete and Overcomplete AE, Convolutional AE, Regularization, Sparsely regulated AEs, Denoising and Stacked AE. Generative Adversarial Networks (GAN), Variants of GAN. <b>Practice Session:</b> Using pretrained models, Transfer learning, Applying GoogleNet and ResNet for specific problems. Using Autoencoders .</li><li>• Brief Introduction to Recurrent Neural Networks, LSTM, GRU and their applications in machine translation, language modelling and sentiment classification.<b>Practice Session:</b> Building an AI application for sentiment classification from travel/hotel website user feedback data.</li><li>• Object detection algorithms, R-CNN, Faster R-CNN, YOLO and SSD. Hands on– Object detection. <b>Practice Session:</b> Installing Darknet framework on your laptop, how to use YOLO for object detection.</li></ul> <p><b>CONTACT US</b></p> <p>Prof.N.D.Deval <a href="mailto:nddeval@coe.sveri.ac.in">nddeval@coe.sveri.ac.in</a> 9689638344</p> <p>Prof.V.D.Jadhav <a href="mailto:vdjadhav@coe.sveri.ac.in">vdjadhav@coe.sveri.ac.in</a> 9545553837</p> <p>Prof.D.V.Patil <a href="mailto:dvpatil@coe.sveri.ac.in">dvpatil@coe.sveri.ac.in</a> 8605796168</p>	 <p><b>One Week Faculty Development Program On Deep Learning and Applications Sponsored By IIITBM, Jabalpur, E&amp;ICT Academy 9<sup>th</sup> - 13<sup>th</sup> December 2019</b></p> <p><b>An Initiative of Ministry of Electronics and IT, Government of India.</b></p>   <p><b>Registration Link: <a href="http://fdp.sveri.ac.in">http://fdp.sveri.ac.in</a></b></p>
<p>Shri Vitthal Education and Research Institutes College of Engineering, Pandharpur.</p>		

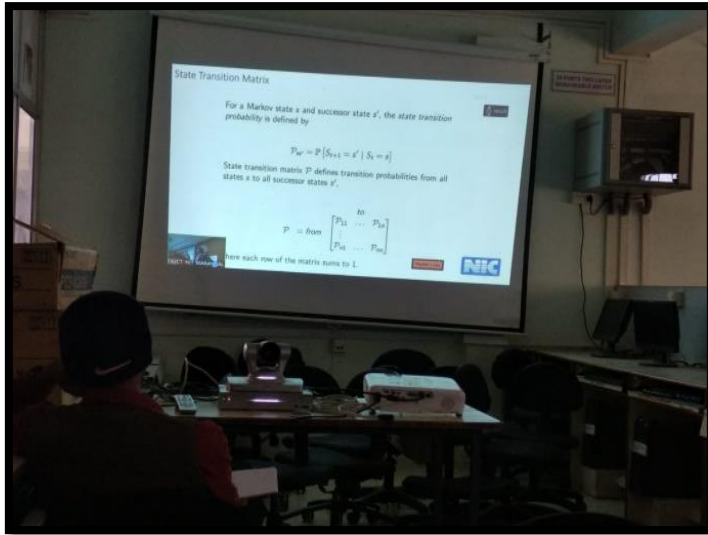


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### Attendance

Participant List SVERI's College Of Engineering, Pandharpur Deep Learning and applications 9 <sup>th</sup> to 13 <sup>th</sup> 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. Kadam	Faculty	Female	UR(Open)	SVERI COE, Pandharpur	
4	Ms. 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(poly), Pandharpur	
8	Mr. S.B. Godse	Faculty	Male	OBC	SVERI COE(poly), Pandharpur	
9	Ms. Neeta P. Kulkarni	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. Salwital	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. Akshay A. Jadhav	Faculty	Male	Open	SVERI COE, Pandharpur	
32	Neha S. Patil	Faculty	Female	Open	SVERI COE, Pandharpur	
33	Mr. Sanardhan Balasaheb Asabe	Faculty	Male	Open	SVERI COE(poly), Pandharpur	

*P. L. - A*  
HOD.

Department of Computer Science & Engg.  
SVERI COE, 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
41	Mr.S.J.Jadhav	Faculty	Male	Open	COE(Poly),Pandharpur
42	Ms.V.G.Kalebag	Faculty	Female	NT	SVERI COE,Pandharpur
43	Ms.Pawar P.M	Faculty	Female	Open	SVERI
44	Ms.Dongare M.A	Faculty	Female	Open	COE(Poly),Pandharpur
45	Mrs.Dipti A.Tamboli	Faculty	Female	Open	SVERI
46	Ms.Shamli V. Jagzap	Faculty	Female	Open	COE(Poly),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
50	Ms.Sneha.S.Kadam	Faculty	Female	Open	COE(Poly),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

*B. C. Melinamath*

HOD,  
Department of Computer Science & EIT  
SVERI's C.O.E. Pandharpur

### Sample Certificates

**One Week Faculty Development Programme  
Deep Learning and Applications**  
December 9-13, 2019

Jointly organized by E&ICT Academies at

PDPM IITDM Jabalpur

NIT Warangal

MNIT Jaipur

NIT Patna

SVERI's COE, Pandharpur

**CERTIFICATE**

This is to certify that Mr./Ms./Dr. Kagade P.B. from SVERI's COE has participated in the one-week Faculty Development Programme on "Deep Learning and Applications" jointly organized by Electronics and ICT Academies held from December 9-13, 2019 at CoE, Pandharpur, through National Knowledge Network under the "Scheme of financial assistance for setting up of Electronics and ICT Academies" by the Ministry of Electronics and Information Technology (MeitY), Government of India. This programme is endorsed by AICTE / UGC / NBA.

*A. Ojha*

Prof. Aparajita Ojha  
Principal Coordinator and CI  
E&ICT Academy, PDPM IITDM Jabalpur

*R. B. Subramanyam*

Prof.R.B.V. Subramanyam  
Co-Principal Coordinator and CI  
E&ICT Academy, NIT Warangal

*B. C. Melinamath*

Dr. B. C. Melinamath  
Local Coordinator  
SVERI's COE, Pandharpur

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**CERTIFICATE**

This is to certify that Mr./Ms./Dr. Patil G.G. from SVERI's COE has participated in the one-week Faculty Development Programme on "Deep Learning and Applications" jointly organized by Electronics and ICT Academies held from December 9-13, 2019 at CoE, Pandharpur, through National Knowledge Network under the "Scheme of financial assistance for setting up of Electronics and ICT Academies" by the Ministry of Electronics and Information Technology (MeitY), Government of India. This programme is endorsed by AICTE / UGC / NBA.

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