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## 64.AI and DEEP LEARNING



### THREE DAYS WORKSHOP ON

AI and DEEP LEARNING

11th – 13th August 2018

Organized by

School of Computer Science and Engineering

KLE Technological University Hubballi

In Collaboration with



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# 64.AI and DEEP LEARNING

**KLE** Technological University  
KLE TECH. Creating Value Leveraging Knowledge

**Three Days Workshop**  
On  
**AI and DEEP LEARNING**  
11<sup>th</sup> – 13<sup>th</sup> August 2018

Name \_\_\_\_\_

Institute/  
Organization *Sample* \_\_\_\_\_

In Collaboration with \_\_\_\_\_

**ORGANIZER**

**KLE** Technological University  
KLE TECH. Creating Value Leveraging Knowledge

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In Collaboration with \_\_\_\_\_

**PARTICIPANT**

**KLE** Technological University  
KLE TECH. Creating Value Leveraging Knowledge

**Three Days Workshop**  
On  
**AI and DEEP LEARNING**

**BREAK FAST**

Date *Sample*  
13-08-2018

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**LUNCH**

Date *Sample*  
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### AI and Deep Learning Workshop

#### Inauguration

Venue : MBA Seminar Hall

Date: 11/08/2018

#### Agenda

- |         |  |
|---------|--|
| 9:00 am | Welcome Address by Dr. Satyadhyan Chickerur, Professor, School of Computer Science and Engineering               |
| 9:05 am | Talk by Dr. Deepak Garg, Director, leadingindia.ai and NVIDIA-Bennett Research Center on Artificial Intelligence |
| 9:15 am | Address by Dr. Ashok S. Shettar, Vice-Chancellor, KLE Technological University, Hubballi                         |
| 9:25 am | Vote of thanks by Dr. Meena S. M., Head, School of Computer Science and Engineering                              |

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Schedule	
<b>DAY 01</b>	
8.00-9.00	<b>Registration</b>
Session 1 9.00-11.00	<b>Motivation</b> Foundations and Terminology of Deep Learning
<b>Tea Break</b>	
Session 2 11.30-1.30	<b>Machine Learning Basics</b> Linear Regression, Logistic Regression Gradient Descent
<b>Lunch Break</b>	
Session 3 2.15-4.00	<b>Designing &amp; Optimizing Neural Network Model</b> Building Deep Models and Hyperparameter Tuning
<b>Tea Break</b>	
Session 4 4.30-6.30	<b>Deep Learning Hacks</b> System/project level tricks and regularization strategies
<b>DAY 02</b>	
Session 1 9.00-11.00	<b>Convolutional Neural Network</b> Computer Vision with CNNs
<b>Tea Break</b>	
Session 2 11.30-1.30	<b>Recurrent Neural Network</b> Sequence Modelling with RNNs, generative modelling in Deep Learning
<b>Lunch Break</b>	
Session 3 2.15-4.00	<b>Advanced Learning Topics</b> Hands-On Labs
<b>Tea Break</b>	
Session 4 4.30-6.30	<b>Assessment</b>
<b>DAY03</b>	
09:00 - 11.00	Image Classification with DIGITS (lab)
11:00 - 1:00	Object Detection with DIGITS (lab)
2:00 - 4.00	Azure Notebook on CNN Transfer Learning and Auto Encoders (lab)

## 64.AI and DEEP LEARNING

### AI and Deep learning Workshop 11<sup>th</sup> to 13<sup>th</sup> Aug 2018 Accomodation for Scholar house participants list

✓ 15.	Dr Manoj Eknath Patil	SSBT's College of Engineering & Technology, Bambhori, Jalgaon (MS)	9420107905	11/8/2018 7.30am	12 <sup>th</sup>	1000/-	
✓ 16.	Akhilesh Rajput	SSBT's College of Engineering & Technology, Bambhori, Jalgaon (MS)			12 <sup>th</sup>	1000/-	
✓ 17.	Manoj T Assistant Professor	Department of CSE Shri Madhwa Vadiraja Institute of Technology Bantakal, Udupi	9481845229	11/8/2018 5:30 AM.	11-12 <sup>th</sup>	1000/-	
✓ 18.	Nagaraj Bhat	Department of CSE Shri Madhwa Vadiraja Institute of Technology Bantakal, Udupi	9964304006		11-12 <sup>th</sup>	1000/-	
✓ 19.	Mrs.PRATIKSHA R. SHETGAONKAR	SR.I.E.I.T. Goa	7721908282	10/8/2018 7.30 pm-8pm	12 <sup>th</sup>	1500/-	
✓ 20.	Dr. PRAMOD BOKDE	SR.I.E.I.T. Goa	7755992555	10/8/2018 3pm	12 <sup>th</sup>	1500/-	
✓ 21.	Dr. ANURAG JAIN	SR.I.E.I.T. Goa	9811209464	10/8/2018 3pm	12 <sup>th</sup>	1500/-	
✓ 22.	Mr. RUDRESH SHIRWAIKAR	SR.I.E.I.T. Goa	9823014550	10/8/2018 3pm	12 <sup>th</sup>	1500/-	
✓ 23.	Kaladevi (Kalaiselvi)	National engg college kovilpatti, tamilnadu	9486512323	10/8/2018 3.30pm	12 <sup>th</sup>	1500/-	
✓ 24.	Dr.V.Gomathi,	National engg college kovilpatti, tamilnadu	8428884480		12 <sup>th</sup>	1500/-	V. L. N
✓ 25.	D.Thamaraibevi	National engg college kovilpatti, tamilnadu	9688123278		12 <sup>th</sup>	1500/-	
✓ 26.	Vikas Honmane	WCE, Sangli	7757000736	11/8/2018 6.30 am	12 <sup>th</sup>	1000/-	
✓ 27.	Shylesh B C	Moodlakatte Institute of Technology, Kundapura, Karnataka	9964000846	11/8/2018 5:30 AM	12 <sup>th</sup>	1000/-	
✓ 28.	Yashaswini A S	Moodlakatte Institute of Technology,	8894871885	11/8/2018 5:30 AM	12 <sup>th</sup>	1000/-	