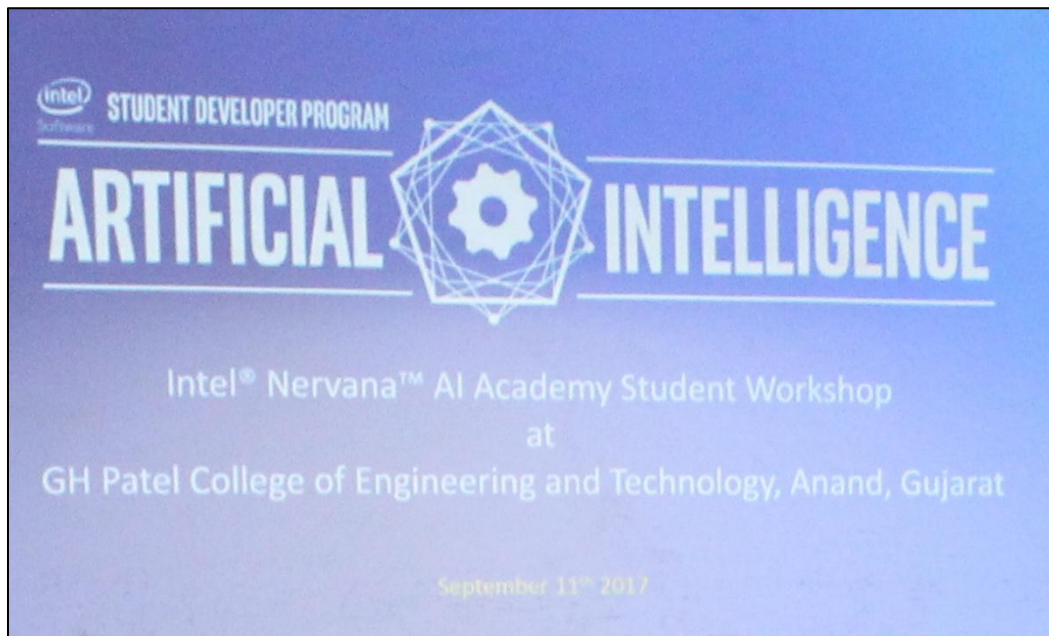


**Report**  
**Intel University Programme**  
***AI Academy Student Workshop***  
***held on***  
***11<sup>th</sup> Sep 2017***  
***at***  
***K S Patel Auditorium,***  
***G. H. Patel College of Engineering and***  
***Technology, Vallabh Vidyanagar, Anand, Gujarat***  
***388120***



## Objectives of the Workshop

The workshop was organized by Intel India under the Intel University Programme to learn the fundamentals of Machine Learning, Deep Learning & Artificial Intelligence focused on newly optimized frameworks for Intel Architecture like Neon, Caffe, and Theano from professional and academic experts. The StudentWorkshop touched on the following topic:

1. Machine Learning & Deep Learning Fundamentals
2. Deep Learning Examples, like Convolutional Neural Networks (CNN) for Image Recognition
3. How Intel plans to help developers to improve performance of Machine Learning workloads
4. What frameworks are optimized for Intel Architecture, and how you can get access to them

## Flow of events

**10 AM** Welcome

**Session 1 by Siddhant Agarwal**

**10:20 AM** AI Academy Student Workshop Overview

**10:45 AM** Some resources to get started with Machine Learning

**Session 2 by Abhishek Nandy**

**11:00 AM** Introduction to fundamentals of Machine Learning

**11:45 AM** Break

**12:10 AM** Intel Deep Dive Technical Training

**1:00 AM** Closing Remarks | Q&A

## Workshop

First session was on 11-09-2017 from 10.00 am to 11.45 am and second session from 12.00 pm to 1.30 pm.

## Topics Discussed

- DevMesh
- Kaggle
- Supervised Machine Learning
- Unsupervised Machine Learning
- Classification
- Linear Regression
- Neural Networks
- Deep Neural Networks
- Convolutional Neural Networks
- Intel Machine Learning SDK

## OUTCOMES

Students got to learn the fundamental concepts of Machine Learning and Artificial Intelligence. They also got to know about a lot of resources for further reference and where to get started. The Intel machine learning SDK was a great tool for the students to get started.

## Image Gallery



















# Feedback



गुरुविराजित विद्याविराजित

G H Patel College of Engineering & Technology  
(A Charutar Vidhya Mandal Institution)  
Department of Computer Engineering  
AI Academy Student Workshop | 11<sup>th</sup> SEP 2017



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Participants Feedback

Speaker's	Excellent	Very Good	Good	Average
1. Understanding	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. Domain Knowledge	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3. Presentation	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4. Quality of the content	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5. Length of the talk	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

Workshop

6. Overall experience ☒ ☐ ☐ ☐

7. Would you prefer the technology discussed in the workshop in your final year project? ☒ Yes ☐ No

8. Please list any additional comment / suggestion

Excellent  
Please organize more workshops so we are able to  
more understanding about particular topic  
Happy to see INTEL in GCET  
INTEL means excellent

Name (Optional): Yashvi Bhavik



G H Patel College of Engineering & Technology  
(A Charutar Vidhya Mandal Institution)  
Department of Computer Engineering  
AI Academy Student Workshop | 11<sup>th</sup> SEP 2017



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3. Presentation	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4. Quality of the content	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5. Length of the talk	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

### Workshop

6. Overall experience ☒ ☐ ☐ ☐
7. Would you prefer the technology discussed in the workshop in your final year project?  
☒ Yes ☐ No

8. Please list any additional comment / suggestion

*for 2-3 hour this much knowledge is more than enough.  
Thank you!*

Name (Optional): *Mitir Vadhiya*