



Centurion University of Technology and Management
Bhubaneswar, Jatni, Odisha -752050

Workshop

on

"Machine Learning -

Introduction to Convolution Neural Networks (CNN)"

Date: 20-02-2020, Time- 4 PM to 6 PM

No. of Students and/or Faculty Participated: **19**

Venue: Room No. 10, AryaBhatta Building, CUTM, BBSR

Resource Person

Prof. Ganapati Panda

About the resource person:

Professor Ganapati Panda served as the Deputy Director, Dean (Academic Affairs) and Head, School of Electrical Sciences at Indian Institute of Technology, Bhubaneswar. He has successfully completed number of research projects from various funding agencies in India and other Countries. He is a Fellow of the National Academy of Engineering, India (FNAE) and Fellow of National Academy of Science, India (FNASc) for his significant research contribution to signal processing and machine learning.

Objectives:

To the mathematical combination of two functions to produce a third function. It merges two sets of information. In the case of a CNN, the convolution is performed on the input data with the use of a filter or kernel (these terms are used interchangeably) to then produce a feature map.

Outcomes:

The main advantage of CNN compared to its predecessors is that it automatically detects the important features without any human supervision. For example, given many pictures of cats and dogs it learns distinctive features for each class by itself. CNN is also computationally efficient.



Interactive session of Introduction to Convolution Neural Networks (CNN)



FACULTY DEVELOPMENT PROGRAMME

on

"Machine Learning -Introduction to Convolution Neural Networks (CNN)

DATE: 20-02-2020

Resource Person

Prof. Ganapati Panda

CUTM, Bhubaneswar, Odisha

Organised by:

**Centurion University of Technology and
Management**

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Brochure of the event

Participant Lists:

Sl No	Name	Dept. / Designation	Signature
1	Shubhanshu Sahu	Mech / Asst. Prof	[Signature]
2	Gudham Bhawan Mahapatra	Mech Asst. prof	[Signature]
3	Dilipkumar Das	CSE / Asst. prof.	[Signature]
4	Prasanta Ku Mohanty	CSE / Assoc. Prof	[Signature]
5	Rakesh K Roy	CSE	[Signature]
6	Prasanta Ku Mohanty	CSE	[Signature]
7	Mahinderpal Singh	CSE	[Signature]
8	Rama Prasad Jantar	EEE	[Signature]
9	Goutam Sahu	CSE (Student)	[Signature]
10	Pragnant	CSE (Student)	[Signature]
11	Rudransha Mishra	CSE (Student)	[Signature]
12	Rishabh Ranvir	CSE (Student)	[Signature]
13	Shubhanshu Mahapatra	"	[Signature]
14	Dr. Sujata Choudhary	CSE	[Signature]
15	Susanta Das	Civil Enngg.	[Signature]
16	Nitambab Das	CSE	[Signature]
17	Abhinav Biswal	EEE / Professor	[Signature]
18	R.C. Mohanty	ME / Professor	[Signature]
19	Amit Ku Sahoo	EEE / HOD	[Signature]
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Room No. 108, Simulation Lab, Aryabhata Building, CUTM, Bhubaneswar Campus

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[Signature]

Dr. Prasanta Ku. Mohanty
Dean Academic

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Prabhat K. Pattnaik
FDP Coordinator