



NANDHA ENGINEERING COLLEGE

(Autonomous)

ERODE - 638 052. TAMIL NADU

DEPT. OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

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Website : <http://nandhaengg.org>

Thiru V. SHANMUGAN

Chairman

Sri Nandha Educational Trust

Thiru S. NANDHAKUMAR PRADEEP

Secretary

Sri Nandha Educational Trust

Thiru S. THIRUMOORTHY

Secretary

Nandha Educational Institutions

PATRON

Dr. N.RENGARAJAN

PRINCIPAL

CEO

Dr.S.ARUMUGAM

DIRECTOR

DR. J. SENTHIL, PHD
NANDHA TECH CAMPUS

CO-ORDINATORS

MS.M. PARVATHI
MS. SENTHAMARALM

INVITATION

In Association with

Department of Artificial Intelligence and Data Science

Cordially invite you for the

**VALUE ADDED COURSE ON
ANACONDA FOR DATA SCIENCE**

by

**Mr. Santhoshkumar Sundararaj,
Research Associate,
Fraunhofer IAIS,
Sankt Augustin,
Germany**

Date: 10, 11 & 12 DEC 2022

Time: 9.30 PM to 04.30 PM

Venue

Block 3 CC2 LAB

17AII01_CVAC01 ANACONDA FOR DATA SCIENCE				
	L	T	P	C
OBJECTIVES:				
<ul style="list-style-type: none"> • Develop basic knowledge on data science • Introducing Jupiter notebook and spyder • Create a graphics in python 				
COURSE OUTCOMES:				
At the end of this course, the students will be able to				
<ul style="list-style-type: none"> • Improve basic knowledge on data science • Know Jupiter notebook and spyder • Learn a graphics in python 				
UNIT I - INTRODUCTION TO JAVA				(9)
Introduction to Anaconda- Environments in Python- Anaconda Navigator-pip packages-Jupyter notebook Spyder-Install packages in Anaconda - Activate/ deactivate environments - First level coding in Jupyter notebook. Graphs in python				
TOTAL (L: 30) = 30 PERIODS				
TEXT BOOK:				
Hands-On Data Science with Anaconda, Dr Yuxing Yan (Author), James Yan (Author), Packt publications				
REFERENCE:				
Data Science from Scratch: First Principles with Python, Joel Gru, O'Reilly, 2nd edition				

**ANDHA ENGINEERING COLLEGE (AUTONOMOUS),ERODE :-
(ODD Semester 2022-2023)**

Degree: B.Tech

Branch : Artificial Intelligence and DataScience

Semester: III

Subject Title: ANACONDA FOR DATA SCIENCE

C-VAC COURSE

S.No.	Reg.No	Name	Remarks
1	21AI001	BALAKRISHNAN V	
2	21AI002	BOOPATHI R	
3	21AI003	CHAHANA R	
4	21AI004	CHINMAYA SIVASHANMUGAM	
5	21AI007	DHANUSH P	
6	21AI008	DHARANIDHARAN A	
7	21AI010	DINESHKUMAR P	
8	21AI013	HARINI S	
9	21AI014	HARISH BABU R	
10	21AI016	JAGADEESWARAN V P	
11	21AI017	JASSIM USMAN M	
12	21AI021	KISHORE RAJAN K	
13	21AI022	KOWSALYA V	
14	21AI024	MEGASHYAM S S	
15	21AI025	MOHAMED ASSAM A	
16	21AI026	MOHAMED HAARIS A	
17	21AI028	MUTHURAM S K	
18	21AI029	NAKULAN T	
19	21AI030	NAVANEEDHA KRISHNAN S	
20	21AI032	NIVEDHANA S	
21	21AI033	POORNAVALLI P R	
22	21AI034	PRABHAKARAN E	
23	21AI035	PRADEEPA S	
24	21AI037	RAKESH S	
25	21AI038	RAMYA B D	
26	21AI042	SANDEEP S D	
27	21AI043	SANDHIYA K	
28	21AI045	SANJAY KANTH G	
29	21AI046	SANTHIYA R	
30	21AI047	SARAVANA KUMAR D	
31	21AI049	SHIVA SHRI SHABHARI S	
32	21AI050	SHREENITHIN P	
33	21AI051	SHRI KEERTHANA R	
34	21AI053	SRISANTHOSH K	
35	21AI054	SRIVARSEN R	

36	21AI055	SUDHAKAR D	
37	21AI058	YOGESH M V	
38	21AIL01	BHUVANESH K	
39	21AIL04	KARTHIKEYAN K.A	
40	21AIL08	SATHISHKUMAR.S	



Industry Expert

One credit Coordinator

CERTIFICATE OF COMPLETION

This certificate is presented to

Balakrishnan.V



Congratulations, for your great performance shown during this C-VAC
"**ANACONDA FOR DATA SCIENCE**" organized by department of Artificial
Intelligence and Data Science dated 10.12.2022 to 12.12.2022

SENTHAMARAI.M

C-VAC INCHARGE



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INVITATION

In Association with

Department of Artificial Intelligence and Data Science

VALUE ADDED COURSE ON

Tensorflow for Deep Learning

by

**Mr. Karthick Narayanan, HTC
Global Services, Chennai,
Tamilnadu**

Date: 08, 09 & 10 APRIL 2023

Time: 9.30 PM to 04.30 PM

Venue

Block 3 CC2 LAB

17AII02_CVAC01 TENSORFLOW FOR DEEP LEARNING				
	L	T	P	C
	0	0	0	1
OBJECTIVES:				
<ul style="list-style-type: none"> • Develop basic knowledge on data science • Know the types of data science • Create a tensorflow application for data science 				
COURSE OUTCOMES:				
At the end of this course, the students will be able to				
<ul style="list-style-type: none"> • know basic knowledge on data science • create various types of data science methods • work a tensorflow application for data science 				
UNIT I - Introduction to deep learning				(9)
Map of computer science - Overview of AI - Conventional Programming and Machine Learning - Traditional ML and Deep Learning - Application/ Use Cases of deep learning - Human brain and Neural Network - Curse of Dimensionality - Perceptron - Components of Perceptron - Implementation of Perceptron. Tensorflow and Neural Network, Convolution Neural Network, Transfer Learning, Transfer Learning				
TOTAL (L: 30) = 30 PERIODS				
TEXT BOOK:				
GOOGLE DRIVE LINK: https://drive.google.com/file/d/1zqsSVoJ2QFIKqAH395jwkkmlPaEZR8R9/view?usp=drive link				

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NANDHA ENGINEERING COLLEGE (AUTONOMOUS),ERODE -52**Degree: B.Tech****Branch : Artificial Intelligence and Data Science****Semester: IV****Subject Code : 17AII02****Subject Title: Tensorflow for Deep Learning****C-VAC NAME LIST**

S.No.	Reg.No	Name	Remarks
1	21AI001	BALAKRISHNAN V	
2	21AI002	BOOPATHI R	
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4	21AI004	CHINMAYA SIVASHANMUGAM	
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11	21AI012	GOWTHAM RAJ B	
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14	21AI015	HARISH RAGAVENDRA S	
15	21AI016	JAGADEESWARAN V P	
16	21AI017	JASSIM USMAN M	
17	21AI018	KATHIR R	
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47	21AI052	SHYAM T R	
48	21AI053	SRISANTHOSH K	
49	21AI055	SUDHAKAR D	
50	21AI057	VIKRAM U	
51	21AI058	YOGESH M V	
52	21AIL01	BHUVANESH K	
53	21AIL02	DEEPARAJAKUMARAN N	
54	21AIL04	KARTHIKEYAN K.A	
55	21AIL05	KUMARAVEL J	
56	21AIL07	RAHUL ASR	
57	21AIL08	SATHISHKUMAR.S	

**ONE CREDIT
INCHARGE**

Mr. Karthick Naranayanan.S
Machine Learning Engineer, HTC global Services,
Chennai

CERTIFICATE

- OF APPRECIATION -

This certificate is presented to

Mrs.HARINI S

This certificate is given for the completion of C-VAC in
the field of **Tensorflow for Deep Learning** conducted on
08.04.2023 to 10.04.2023.

SENTHAMARAI.M
C-VAC INCHARGE