

CSI COLLEGE OF ENGINEERING, KETTI

DEPARTMENT OF INFORMATION TECHNOLOGY

2023-2024

06/11/2023 To 10/11/2023

Data Science Using Python

Course of Content

SL. NO	DAY	T.no	CONTENT
1	06/11/2023	1.	IPython: Beyond Normal Python
			1. Shell or Notebook?
			1. Launching the IPython Shell
			2. Launching the Jupyter Notebook
			2. Help and Documentation in IPython
			1. Accessing Documentation with ?
			2. Accessing Source Code with ??
			3. Exploring Modules with Tab Completion
			3. Keyboard Shortcuts in the IPython Shell
			1. Navigation Shortcuts
			2. Text Entry Shortcuts
			3. Command History Shortcuts
			4. Miscellaneous Shortcuts
2	07/11/2023	2.	Introduction to NumPy
			1. Understanding Data Types in Python
			1. A Python Integer Is More Than Just an Integer
			2. A Python List Is More Than Just a List
			3. Fixed-Type Arrays in Python
			4. Creating Arrays from Python Lists
			5. Creating Arrays from Scratch
			6. NumPy Standard Data Types
			2. The Basics of NumPy Arrays
			1. NumPy Array Attributes

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			2. Array Indexing: Accessing Single Elements
			3. Array Slicing: Accessing Subarrays
			4. Reshaping of Arrays
			5. Array Concatenation and Splitting
3	08/11/2023	3.	Data Manipulation with Pandas
			1. Installing and Using Pandas
			2. Introducing Pandas Objects
			1. The Pandas Series Object
			2. The Pandas DataFrame Object
			3. The Pandas Index Object
			3. Data Indexing and Selection
			1. Data Selection in Series
			2. Data Selection in DataFrame
			4. Operating on Data in Pandas
			1. Ufuncs: Index Preservation
			2. UFuncs: Index Alignment
			3. Ufuncs: Operations Between DataFrame and Series
			5. Handling Missing Data
			1. Trade-Offs in Missing Data Conventions
			2. Missing Data in Pandas
			3. Operating on Null Values
4	09/11/2023	4.	Visualization with Matplotlib
			1. General Matplotlib Tips
			1. Importing matplotlib
			2. Setting Styles
			3. show() or No show()? How to Display Your Plots
			4. Saving Figures to File
			2. Two Interfaces for the Price of One
			3. Simple Line Plots
			1. Adjusting the Plot: Line Colors and Styles
			2. Adjusting the Plot: Axes Limits
			3. Labeling Plots
			4. Simple Scatter Plots
			1. Scatter Plots with plt.plot
			2. Scatter Plots with plt.scatter

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			3. plot Versus scatter: A Note on Efficiency
			5. Visualizing Errors
			1. Basic Errorbars
			2. Continuous Errors
5	10/11/2023	5.	Machine Learning
			1. What Is Machine Learning?
			1. Categories of Machine Learning
			2. Qualitative Examples of Machine Learning Applications
			3. Summary
			2. Introducing Scikit-Learn
			1. Data Representation in Scikit-Learn
			2. Scikit-Learn's Estimator API
			3. Application: Exploring Handwritten Digits
			4. Summary
			3. Hyperparameters and Model Validation
			1. Thinking About Model Validation
			2. Selecting the Best Model

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*R. May Shankar*  
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## DEPARTMENT OF INFORMATION TECHNOLOGY

### COURSE : DATA SCIENCE USING PYTHON

#### ATTENDANCE

#### FIRST YEAR

SI NO	REGNO	NAME	11/6/2023	11/7/2023	11/8/2023	11/9/2023	11/10/2023
1	710623205001	Ajay.S	Ajay	Ajay	Ajay	Ajay	Ajay
2	710623205002	<del>Ajay</del> Antony Joseph D	Antony	Antony	Antony	Antony	Antony
3	710623205003	Ashwanth M	Ashwanth	Ashwanth	Ashwanth	Ashwanth	Ashwanth
4	710623205004	Ashwin R	Ashwin	Ashwin	Ashwin	Ashwin	Ashwin
5	710623205005	Aswin P	Aswin	Aswin	Aswin	Aswin	Aswin
6	710623205006	Athul M S	Athul	Athul	Athul	Athul	Athul
7	710623205007	Deepalakshmi J	Deepa	Deepa	Deepa	Deepa	Deepa
8	710623205008	Divya Blessing Rose D	Divya	Divya	Divya	Divya	Divya
9	710623205009	Gajendran.K	Gajendra	Gajendra	Gajendra	Gajendra	Gajendra
10	710623205010	Gnanaprakash J	Gnanaprakash	Gnanaprakash	Gnanaprakash	Gnanaprakash	Gnanaprakash
11	710623205011	Jebez Annen C	Jebez	Jebez	Jebez	Jebez	Jebez
12	710623205013	Jesika Sara A	Jesika	Jesika	Jesika	Jesika	Jesika
13	710623205014	Joel Jeroen J	Joel	Joel	Joel	Joel	Joel
14	710623205015	Joyson S	Joyson	Joyson	Joyson	Joyson	Joyson
15	710623205016	Kandhan V	Kandhan	Kandhan	Kandhan	Kandhan	Kandhan
16	710623205017	Kaviya sri M K	Kaviya	Kaviya	Kaviya	Kaviya	Kaviya
17	710623205018	Kiran Ragavendra A	Kiran	Kiran	Kiran	Kiran	Kiran
18	710623205020	Manigandan.S	Manigandan	Manigandan	Manigandan	Manigandan	Manigandan
19	710623205021	Mano Jerlin S	Mano	Mano	Mano	Mano	Mano
20	710623205022	Margrate Monika J	Monika	Monika	Monika	Monika	Monika
21	710623205023	Mithun.R	Mithun	Mithun	Mithun	Mithun	Mithun
22	710623205024	Mohamed Ashraf Ali M	Ashraf	Ashraf	Ashraf	Ashraf	Ashraf
23	710623205025	Mohammed Aswak N	Aswak	Aswak	Aswak	Aswak	Aswak

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24	710623205026	Mugilesh V	Mugilesh V	Mugilesh V	Mugilesh V	Mugilesh V	Mugilesh V
25	710623205027	Nandhini.k	Nandhini.k	Nandhini.k	Nandhini.k	Nandhini.k	Nandhini.k
26	710623205028	Prithipan K	K.Prithipan	K.Prithipan	K.Prithipan	K.Prithipan	K.Prithipan
27	710623205029	Rabin.M	Rabin.M	Rabin.M	Rabin.M	Rabin.M	Rabin.M
28	710623205030	Ragul Dravid R	R.Ragul Dravid	R.Ragul Dravid	R.Ragul Dravid	R.Ragul Dravid	R.Ragul Dravid
29	710623205031	Rakesh.K	K.Rakesh	K.Rakesh	K.Rakesh	K.Rakesh	K.Rakesh
30	710623205032	Riveka Petra R	Petras	Petras	Petras	Petras	Petras
31	710623205033	Ryeona Sherin R	Ryeona	Ryeona	Ryeona	Ryeona	Ryeona
32	710623205034	Sam Josuah M	Sam	Sam	Sam	Sam	Sam
33	710623205036	Sanjay V	Sanjay	Sanjay	Sanjay	Sanjay	Sanjay
34	710623205037	Srinithi.S	Srinithi	Srinithi	Srinithi	Srinithi	Srinithi
35	710623205038	Sujith.S	Sujith	Sujith	Sujith	Sujith	Sujith
36	710623205039	Varun.R	Varun	Varun	Varun	Varun	Varun
37	710623205040	Vibin Kingston	Vibin Kingston	Vibin Kingston	Vibin Kingston	Vibin Kingston	Vibin Kingston

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## DEPARTMENT OF INFORMATION TECHNOLOGY

### COURSE : DATA SCIENCE USING PYTHON

#### ATTENDANCE

#### SECOND YEAR

SI NO	ROLL NO	NAME	11/6/3032	11/7/2023	11/8/2023	11/9/2023	11/10/2023
1	710622205002	Abdul Rahman	A.R	A.R	A.R	A.R	A.R
2	710622205004	Akash D	Akash	Akash	Akash	Akash	Akash
3	710622205006	Alen Mani Georgee	Alen	Alen	Alen	Alen	Alen
	710622205007	Anbuselvam S	Anbuselvam	Anbuselvam	Anbuselvam	Anbuselvam	Anbuselvam
5	710622205008	Anish S	Anish S	Anish S	Anish S	Anish S	Anish S
6	710622205009	Ashikka M	Ashikka	Ashikka	Ashikka	Ashikka	Ashikka
7	710622205010	Badusha A	Badusha	Badusha	Badusha	Badusha	Badusha
8	710622205011	Crispin Princy J	Crispin	Crispin	Crispin	Crispin	Crispin
9	710622205012	Daisy	Daisy	Daisy	Daisy	Daisy	Daisy
10	710622205013	Devadharshini M	Devadharshini	Devadharshini	Devadharshini	Devadharshini	Devadharshini
11	710622205014	Dharshinie E	Dharshinie	Dharshinie	Dharshinie	Dharshinie	Dharshinie
12	710622205015	Godwin Roshan J	Godwin	Godwin	Godwin	Godwin	Godwin
13	710622205016	Harini G	Harini	Harini	Harini	Harini	Harini
14	710622205017	Harini Pushpam	Harini	Harini	Harini	Harini	Harini
15	710622205018	Jaslin S	Jaslin	Jaslin	Jaslin	Jaslin	Jaslin
16	710622205019	Jayalakshmi G	Jayalakshmi	Jayalakshmi	Jayalakshmi	Jayalakshmi	Jayalakshmi
17	710622205020	John Kevin E	John	John	John	John	John
18	710622205021	Kabilan M	Kabilan	Kabilan	Kabilan	Kabilan	Kabilan
19	710622205022	Kiran R	Kiran	Kiran	Kiran	Kiran	Kiran
20	710622205023	Kristiyal R	Kristiyal	Kristiyal	Kristiyal	Kristiyal	Kristiyal
21	710622205024	Methrick Jose Raja E	Methrick	Methrick	Methrick	Methrick	Methrick
22	710622205025	Mohammed Nabeel B	Mohammed	Mohammed	Mohammed	Mohammed	Mohammed
23	710622205026	Monish M	Monish	Monish	Monish	Monish	Monish
24	710622205027	Monish Kumar L	Monish	Monish	Monish	Monish	Monish
25	710622205028	Nagamani T	Nagamani	Nagamani	Nagamani	Nagamani	Nagamani
26	710622205029	Namita Sial R	Namita	Namita	Namita	Namita	Namita
27	710622205030	Noorul Kowser A	Noorul	Noorul	Noorul	Noorul	Noorul
28	710622205031	Ragavendhirakanna T	Ragavendhirakanna	Ragavendhirakanna	Ragavendhirakanna	Ragavendhirakanna	Ragavendhirakanna
29	710622205032	Rajeshwari R	Rajeshwari	Rajeshwari	Rajeshwari	Rajeshwari	Rajeshwari
30	710622205034	Ramya M	Ramya	Ramya	Ramya	Ramya	Ramya
31	710622205036	Sajina	Sajina	Sajina	Sajina	Sajina	Sajina
32	710622205037	Santa Maria F	Santa	Santa	Santa	Santa	Santa
33	710622205038	Santosh S	Santosh	Santosh	Santosh	Santosh	Santosh
34	710622205039	Santosh P	Santosh	Santosh	Santosh	Santosh	Santosh
35	710622205040	Saravanan R	Saravanan	Saravanan	Saravanan	Saravanan	Saravanan
36	710622205041	Sibiya G	Sibiya	Sibiya	Sibiya	Sibiya	Sibiya

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37	710622205041	Surya	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
38	710622205042	Vetrivel J	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
39	710622205043	Vino Jasmin P	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
40	710622205301	Abhijith	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
41	710622205302	Dhanush kumar	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
42	710622205303	Karthikeyan	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
43	710622205305	Rincy puri T	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
44	710622205306	Shyam Daniel.M	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

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CSI COLLEGE OF ENGINEERING ,KETTI DEPARTMENT OF  
INFORMATION TECHNOLOGY

DATA SCIENCE USING PYTHON  
ASSESSMENT TEST

NAME: *Aeel Jorcom*

DATE: *11/10/2023.*

YEAR/SEM: *I*

MARKS: *10/10*

1. Procedural Domain Knowledge in a rule-based system, is in the form of?

- A) Meta-Rules
- B) Control Rules
- C) Production Rules
- D) None of the above

2. Identify the clustering method which takes care of variance in data

- A) Decision tree
- B) Gaussian mixture model
- C) K means
- D) All of the above

3. Identify the Incorrect CLI command.

- A) clear
- B) rm
- C) delete
- D) None of the above

4. Identify the language which is used in data science?

- A) C++
- B) R
- C) Java



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5. Identify the revision control system on the following.

- A) Scipy
- B) Numpy
- C) Git
- D) Slidify

6. Machine learning is a subset of which of the following.

- A) Artificial intelligence
- B) deep learning
- C) data learning
- D) none of the above

7. Out of the given options, which of the following algorithms uses the least memory?

- A) DFS
- B) BFS
- C) Both A and B are the same
- D) Cannot be compared

8. Raw data should be processed only one time. Is the following statement true or false?

- A) True
- B) False

9. The different types of machine learning are?

- A) Supervised
- B) Unsupervised
- C) Reinforcement
- D) All of the above

10. A hybrid Bayesian Network consists of?

- A) Discrete Variables
- B) Continuous Variables
- C) Both A and B
- D) None of the above

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DATA SCIENCE USING PYTHON

2023-2024

06/11/2023 TO 10/11/2023

MARKS

FIRST YEAR

Sl no	Student Name	Marks
1	Antony Joseph D	90
2	Ashwanth M	80
3	Ashwin R	90
4	Aswin P	90
5	Athul M S	70
6	Deepalakshmi J	70
7	Divya Blessing Rose D	90
8	Gajendran.K	100
9	Gnanaprakash J	90
10	Jebez Annen C	90
11	Jesika Sara A	100
12	Joel Jeroen J	80
13	Joyson S	90
14	Kandhan V	90
15	Kaviya sri M K	80
16	Kiran Ragavendra A	70
17	Manigandan.S	80
18	Mano Jerlin S	90
19	Margrate Monika J	90
20	Mithun.R	90
21	Mohamed Ashraf Ali M	90
22	Mohammed Aswak N	90
23	Mugilesh V	AB
24	Nandhini.k	90
25	Prithipan K	90
26	Rabin.M	80
27	Ragul Dravid R	90
28	Rakesh.K	80
29	Riveka Petra R	100
30	Ryeona Sherin R	100
31	Sam Josuah M	80
32	Sanjay V	90
33	Srinithi.S	100
34	Sujith.S	100
35	Varun.R	AB
36	Vibin Kingston.J	100
37	Vinothini Miruthula S	90

SECOND YEARS

Sl no	Student Name	Marks
1	Akash D	80
2	Alen Mani Georgee	90
3	Anbuselvam S	90
4	Anish S	80
5	Ashikka M	70
6	Badusha A	80
7	Crispin Princy J	90
8	Daisy N	90
9	Devadharshini M	90
10	Dharshinie E	90
11	Godwin Roshan J	90
12	Harini G	80
13	Harini Pushpam	90
14	Jaslin S	90
15	Jayalakshmi G	80
16	John Kevin E	90
17	Kabilan M	80
18	Kiran R	90
19	Kristiyal R	90
20	Methrick Jose Raja E	70
21	Mohammed Nabeel B	70
22	Monish M	90
23	Monish Kumar L	100
24	Nagamani T	90
25	Namita Sial R	90
26	Noorul Kowser A	100
27	Ragavendhirakanna T	80
28	Rajeshwari R	90
29	Ramya M	90
30	Sajina J	90
31	Santa Maria F	90
32	Santosh S	90
33	Santhosh P	90
34	Saravanan R	80
35	Sibiya G	90
36	Surya	90
37	Vetrivel J	80
38	Vino Jasmin P	90
39	Abhijith	80
40	Dhanush kumar	90
41	Karthikeyan	80
42	Rincy puri T	90
43	Shyam Daniel.M	80

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# CSI COLLEGE OF ENGINEERING KETTI THE NILGIRIS

DEPARTMENT OF INFORMATION TECHNOLOGY  
CERTIFICATE OF PARTICIPATION

**AJAY .S**

Of **CSI COLLEGE OF ENGINEERING** has been participated in certification course on  
"Data Science Using Python" Organized by **NANDHA INFOTECH**  
From 06-11-2023 to 10-11-2023

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Handwritten signature of H. Theerth in black ink.

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# CSI COLLEGE OF ENGINEERING KETTI THE NILGIRIS

DEPARTMENT OF INFORMATION TECHNOLOGY  
CERTIFICATE OF PARTICIPATION

## ANTONY JOSEPH .D

Of **CSI COLLEGE OF ENGINEERING** has been participated in certification course on  
"Data Science Using Python" Organized by **NANDHA INFOTECH**  
From 06-11-2023 to 10-11-2023

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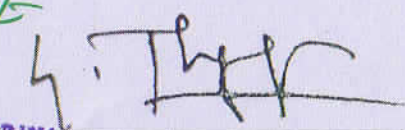
DEPARTMENT OF INFORMATION TECHNOLOGY  
CERTIFICATE OF PARTICIPATION

## ASHWANTH .M

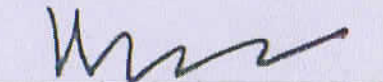
of **CSI COLLEGE OF ENGINEERING** has been participated in certification course on  
"Data Science Using Python" Organized by **NANDHA INFOTECH**  
From 06-11-2023 to 10-11-2023

  
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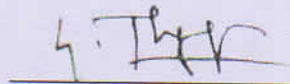
# CSI COLLEGE OF ENGINEERING KETTI THE NILGIRIS

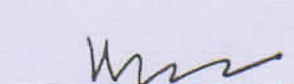
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CERTIFICATE OF PARTICIPATION


**SAYAM DANIEL .M**

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From 06-11-2023 to 10-11-2023

  
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2023-2024

20/11/2023 to 24/11/2023

**Foundations of Artificial Intelligence**

**Course of Content**

SL.NO	DAY	T.no	CONTENT
1	20/11/2023	1.	<b>INTRODUCTION: ETHICAL AND SUSTAINABLE HUMAN AND ARTIFICIAL INTELLIGENCE</b>
		1.1	The general definition of human intelligence
		1.2	Definition of artificial intelligence
		1.3	A brief history of artificial intelligence
		1.4	Sustainable AI
		1.5	Machine learning – a significant contribution to the growth of artificial intelligence
2	21/11/2023	2.	<b>ARTIFICIAL INTELLIGENCE AND ROBOTICS</b>
		2.1	Understanding the AI intelligent agent
		2.2	What is a robot?
		2.3	What is an intelligent robot?
3	22/11/2023	3	<b>APPLYING THE BENEFITS OF AI AND IDENTIFYING CHALLENGES AND RISKS</b>
		3.1	Sustainability – how our values will change humans, society and organisations
		3.2	The benefits of artificial intelligence
		3.3	The challenges of artificial intelligence
		3.4	Understanding of the risks AI brings to projects
		3.5	Opportunities for AI
		3.6	Funding AI projects – the NASA Technology Readiness Levels
4	23/11/2023	4.	<b>STARTING AI: HOW TO BUILD A MACHINE LEARNING TOOLBOX</b>
		4.1	How we learn from data
		4.2	Neural networks

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		4.3	Agents' functionality
		4.4	Using the cloud – cheap high-performance computing for AI
		5.	<b>ALGORITHMS</b>
		5.1	What is an algorithm?
		5.2	What is special about AI/ML algorithms?
		5.3	What are self-learning algorithms?
		5.4	What are the algorithms used in machine learning and artificial intelligence?
		5.5	What is a deep learning algorithm?
		5.6	The ethical use of algorithms
5	24/11/2023	6.	<b>THE MANAGEMENT, ROLES AND RESPONSIBILITIES OF HUMANS AND MACHINES</b>
		6.1	Artificial intelligence will drive humans and machines to work together
		6.2	Future directions of humans and machines working together
		6.3	'Learning from experience' Agile approach to projects
		7	<b>AI IN USE IN INDUSTRY: REIMAGINING EVERYTHING IN THE FOURTH INDUSTRIAL REVOLUTION</b>
		7.1	AI already in use

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Government of Tamil Nadu (vide GO Ms. No. 112, dated 23.3.1998),  
Affiliated to Anna University, Chennai (Tamil Nadu Act 26 of 2001 w.e.f.31.12.2001).

## DEPARTMENT OF INFORMATION TECHNOLOGY COURSE : FOUNDATION OF ARTIFICIAL INTELLIGENCE ATTENDANCE (THIRD YEAR)

SI NO	REGNO	NAME	11/20/2023	11/21/2023	11/22/2023	11/23/2023	11/24/2023
1	710621205001	Angelica	Angelica	Angelica	Angelica	Angelica	Angelica
2	710621205002	Aravindha Kumar	Aravindha	Aravindha	Aravindha	Aravindha	Aravindha
3	710621205003	Arigaran	Arigaran	Arigaran	Arigaran	Arigaran	Arigaran
4	710621205004	Ashwin Fernandes.F	Ashwin	Ashwin	Ashwin	Ashwin	Ashwin
5	710621205005	Danadkrishnanan	Danad	Danad	Danad	Danad	Danad
6	710621205006	Deenadhayal.K.A	Deenadhayal	Deenadhayal	Deenadhayal	Deenadhayal	Deenadhayal
7	710621205008	Dinesh Kumar	Dinesh	Dinesh	Dinesh	Dinesh	Dinesh
8	710621205009	Gayathri.T	Gayathri	Gayathri	Gayathri	Gayathri	Gayathri
9	710621205010	Gokul.J	Gokul	Gokul	Gokul	Gokul	Gokul
10	710621205011	Hariprasath	Hariprasath	Hariprasath	Hariprasath	Hariprasath	Hariprasath
11	710621205013	Janani	Janani	Janani	Janani	Janani	Janani
12	710621205014	Jericksnathan.A	Jerick	Jerick	Jerick	Jerick	Jerick
13	710621205015	Jeykrishnan.M	Jeykrishnan	Jeykrishnan	Jeykrishnan	Jeykrishnan	Jeykrishnan
14	710621205016	Kaliselvam.r	Kaliselvam	Kaliselvam	Kaliselvam	Kaliselvam	Kaliselvam
15	710621205018	Kavya.S	Kavya	Kavya	Kavya	Kavya	Kavya
16	710621205019	Kumaran	Kumaran	Kumaran	Kumaran	Kumaran	Kumaran
17	710621205020	Miriam Celciya	Miriam	Miriam	Miriam	Miriam	Miriam
18	710621205021	Prem.V	Prem	Prem	Prem	Prem	Prem
19	710621205022	Rahul Dravid.S	Rahul	Rahul	Rahul	Rahul	Rahul
20	710621205023	Ranjitha	Ranjitha	Ranjitha	Ranjitha	Ranjitha	Ranjitha
21	710621205024	Rindhiya.R	Rindhiya	Rindhiya	Rindhiya	Rindhiya	Rindhiya
22	710621205025	Rithika.B	Rithika	Rithika	Rithika	Rithika	Rithika
23	710621205026	Sangectha.K	Sangectha	Sangectha	Sangectha	Sangectha	Sangectha
24	710621205027	Saran	Saran	Saran	Saran	Saran	Saran
25	710621205028	Sathish Kumar.N	Sathish	Sathish	Sathish	Sathish	Sathish
26	710621205029	Shabbirkhan.I	Shabbirkhan	Shabbirkhan	Shabbirkhan	Shabbirkhan	Shabbirkhan
27	710621205030	Shalini	Shalini	Shalini	Shalini	Shalini	Shalini
28	710621205032	Sneha.K	Sneha	Sneha	Sneha	Sneha	Sneha
29	710621205033	Soniya.N	Soniya	Soniya	Soniya	Soniya	Soniya
30	710621205034	Suji	Suji	Suji	Suji	Suji	Suji
31	710621205037	Viswa	Viswa	Viswa	Viswa	Viswa	Viswa
32	710621205038	Yashick Manickam	Yashick	Yashick	Yashick	Yashick	Yashick
33	7106212053022	Ambadi Kannan	Ambadi	Ambadi	Ambadi	Ambadi	Ambadi
34	7106212053021	Ajay.M	Ajay	Ajay	Ajay	Ajay	Ajay
35	710621205303	Sanjivirayan	Sanjivirayan	Sanjivirayan	Sanjivirayan	Sanjivirayan	Sanjivirayan
36	710621205901	HarishKumar	HarishKumar	HarishKumar	HarishKumar	HarishKumar	HarishKumar

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## DEPARTMENT OF INFORMATION TECHNOLOGY

### COURSE : FOUNDATION OF ARTIFICIAL INTELLIGENCE

#### ATTENDENCE

#### FINAL YEAR

Sl NO	REG NO	NAME	11/20/2023	11/21/2023	11/22/2023	11/23/2023	11/24/2023
1	710620205001	Harish	Harish	Harish	Harish	Harish	Harish
2	710620205002	Harish Kumar R	Harish Kumar R	Harish Kumar R	Harish Kumar R	Harish Kumar R	Harish Kumar R
3	710620205003	Joel J	Joel J	Joel J	Joel J	Joel J	Joel J
4	710620205004	Karunya L	Karunya L	Karunya L	Karunya L	Karunya L	Karunya L
5	710620205005	Maria Chritebal Blossom	Maria Chritebal Blossom	Maria Chritebal Blossom	Maria Chritebal Blossom	Maria Chritebal Blossom	Maria Chritebal Blossom
6	710620205006	Merina Susan Cherian	Merina Susan Cherian	Merina Susan Cherian	Merina Susan Cherian	Merina Susan Cherian	Merina Susan Cherian
7	710620205009	Sugapriya.S	Sugapriya.S	Sugapriya.S	Sugapriya.S	Sugapriya.S	Sugapriya.S
8	710620205011	Vishal V	Vishal V	Vishal V	Vishal V	Vishal V	Vishal V
9	710620205301	Deepa	Deepa	Deepa	Deepa	Deepa	Deepa
10	710620205302	Gokul	Gokul	Gokul	Gokul	Gokul	Gokul

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FOUNDATION OF ARTIFICAL INTELLIGENCE  
ASSESSMENT TEST

NAME: Ajay . M  
YEAR/SEM : III

DATE: 24/11/2023.

MARKS: 10/10

1. Which of the following architecture is also known as systolic arrays?

- A) AYAMISD
- B) SISD
- C) SIMD
- D) None of the above

2) The different types of machine learning are?

- A) Supervised
- B) Unsupervised
- C) Reinforcement
- D) All of the above

3) The measure of performance of an AI agent is measured using?

- A) Learning Agent.
- B) Changing Agent.
- C) Both A and B.
- D) None of the above.

4) The things considered in the design of a learning element are?

- A) Components
- B) Feedback
- C) Representation
- D) All of the above

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5) What is state space in AI?

- A) Collection of all the problem states.
- B) A specific problem states out of all the problem states.
- C) Both A and B.
- D) None of the above

6) Which of the following is not an application of artificial intelligence?

- A) Computer Vision
- B) Natural Language Processing
- C) Database Management System
- D) Digital Assistants

7) Artificial Intelligence is associated with computers of which generation?

- A) Second
- B) First
- C) Fifth
- D) Third

8) For external action selection, which element is used in the agent?

- A) Perceive
- B) Performance
- C) Actuator
- D) None of the above

9) How does an AI agent interact with its environment?

- A) Using sensors and perceivers
- B) Using only sensors
- C) Using only perceivers
- D) None of the above

10) The "Father of Artificial Intelligence" is:

- A) Alan Turing
- B) Charles Babbage
- C) John McCarthy

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DEPARTMENT OF INFORMATION TECHNOLOGY  
FOUNDATION OF ARTIFICIAL INTELLIGENCE

2023-2024

20/11/2023 TO 24/11/2023

MARKS

THIED YEAR

sl no	Student Name	Marks
1	Angelica	80
2	Aravindha Kumar	90
3	Arigaran	90
4	Ashwin Fernandes.F	80
5	Danadkrishnanan	70
6	Deenadhayal.K.A	80
7	Dinesh Kumar	90
8	Gayathri.T	90
9	Gokul.J	90
10	Hariprasath	90
11	Janani	90
12	Jericksnathan.A	80
13	Jeykrishanan.M	90
14	Kaliselvam.R	90
15	Kavya.S	80
16	Kumaran	90
17	Miriam Celciya	90
18	Prem.V	90
19	Rahul Dravid.S	90
20	Ranjitha	80
21	Rindhiya.R	90
22	Rithika.B	90
23	Sangeetha.K	80
24	Saran	90
25	Sathish Kumar.N	80
26	Shabbirkhan.I	90
27	Shalini	90
28	Sneha.K	70
29	Soniya.N	70
30	Suji	90
31	Viswa .V	60
32	Yashick Manickam	80
33	Ambadi Kannan	90
34	Ajay.M	90
35	Sanjivirayan	70
36	HarishKumar	70

FINAL YEAR

sl no	Student Name	Marks
1	Harish Kumar R	90
2	Joel J	80
3	Karunya L	100
4	Maria Chritebal Blossom	100
5	Merina Susan Cherian	100
6	Sugapriya.S	90
7	Vishal V	90
8	Deepa	90
9	Gokul	90

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### ANGRLICA

Of **CSI COLLEGE OF ENGINEERING** has been participated in certification course on  
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From 20-11-2023 to 24-11-2023

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From 20-11-2023 to 24-11-2023

A handwritten signature in black ink, consisting of stylized initials.

CONVENER

A handwritten signature in green ink, appearing to read 'R. May Shank'.

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C.S.I. COLLEGE OF ENGINEERING  
KETTI - 643 215.



A handwritten signature in black ink, appearing to be 'H. H. H.'.

HOD

A handwritten signature in black ink, consisting of a series of loops.

PRINCIPAL



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