



CSI COLLEGE OF ENGINEERING, KETTI

Approved by AICTE, New Delhi (F.No.730-52-301 (E)ET/97 dated NOV. 17, 1997),
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 COMPUTER SCIENCE AND ENGINEERING

Course name: Intensive Course on Augmented Reality and Virtual Reality

Course Duration: 22-11-2023 TO 25-11-2023

Academic year: 2023-2024

S.NO	DAY	CONTENT
1	Day 1	Introduction to AR and VR
2	Day 2	Designing AR Experiences
3	Day 3	Designing VR Experiences
4	Day 4	Capstone Project and Presentations

Head of the Department

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CSI COLLEGE OF ENGINEERING
KETTI-643 215.



Course name: Intensive Course on Augmented Reality and Virtual Reality
 Course Duration: 22-11-2023 TO 25-11-2023

III CSE

S.NO	Register No	Name of the Student	22-11-2023	23-11-2023	24-11-2023	25-11-2023
1	710621104001	AFLAH C	AFLAH C	AFLAH C	AFLAH C	AFLAH C
2	710621104002	AJITH M	AJITH M	AJITH M	AJITH M	AJITH M
3	710621104003	ASHIRITHA S	ASHIRITHA S	ASHIRITHA S	ASHIRITHA S	ASHIRITHA S
4	710621104004	ASHWIN N	Ashwini	Ashwini	Ashwini	Ashwini
5	710621104005	BARANEETHARAN S	BARANEETHARAN S	BARANEETHARAN S	BARANEETHARAN S	BARANEETHARAN S
6	710621104006	BARATH S	BARATH S	BARATH S	BARATH S	BARATH S
7	710621104007	CARMAL PRINCY A	CARMAL PRINCY A	CARMAL PRINCY A	CARMAL PRINCY A	CARMAL PRINCY A
8	710621104008	DARSHAN J	DARSHAN	DARSHAN	DARSHAN	DARSHAN
9	710621104009	DEEPAVAHINI M	DEEPAVAHINI M	DEEPAVAHINI M	DEEPAVAHINI M	DEEPAVAHINI M
10	710621104010	DHANUSH T	DHANUSH T	DHANUSH T	DHANUSH T	DHANUSH T
11	710621104011	EBINESH K	EBINESH K	EBINESH K	EBINESH K	EBINESH K
12	710621104013	GOKUL KRISHNAN V R	GOKUL KRISHNAN V R	GOKUL KRISHNAN V R	GOKUL KRISHNAN V R	GOKUL KRISHNAN V R
13	710621104015	JAYASEELAN B	JAYASEELAN B	JAYASEELAN B	JAYASEELAN B	JAYASEELAN B
14	710621104017	JEYANTH P	JEYANTH P	Jeyan	Jeyan	Jeyan
15	710621104019	KOWSHICK S	KOWSHICK S	KOWSHICK S	KOWSHICK S	KOWSHICK S
16	710621104020	LIDIYA M	LIDIYA	LIDIYA	LIDIYA	LIDIYA
17	710621104021	LOGAHARSHINI S	LOGAHARSHINI S	LOGAHARSHINI S	LOGAHARSHINI S	LOGAHARSHINI S
18	710621104022	MAHALAKSHMI T	MAHALAKSHMI T	MAHALAKSHMI T	MAHALAKSHMI T	MAHALAKSHMI T
19	710621104023	MAHESH KUMAR M	MAHESH KUMAR M	MAHESH KUMAR M	MAHESH KUMAR M	MAHESH KUMAR M
20	710621104024	MANIBARATHI M	MANIBARATHI M	MANIBARATHI M	MANIBARATHI M	MANIBARATHI M
21	710621104025	MANIKANDAN M	MANIKANDAN M	MANIKANDAN M	MANIKANDAN M	MANIKANDAN M
22	710621104026	MARIA FERNANDEZ F	MARIA FERNANDEZ F	MARIA FERNANDEZ F	MARIA FERNANDEZ F	MARIA FERNANDEZ F
23	710621104028	NANDHINI T	NANDHINI T	NANDHINI T	NANDHINI T	NANDHINI T
24	710621104029	NITHISH S	NITHISH S	NITHISH S	NITHISH S	NITHISH S
25	710621104030	PASUMPON G	PASUMPON G	PASUMPON G	PASUMPON G	PASUMPON G
26	710621104031	PRAJAN S	PRAJAN S	PRAJAN S	PRAJAN S	PRAJAN S
27	710621104032	PRANESH R	PRANESH R	PRANESH R	PRANESH R	PRANESH R
28	710621104033	PRANESH S	PRANESH S	PRANESH S	PRANESH S	PRANESH S
29	710621104034	PRIYADHARSHINI B	PRIYADHARSHINI B	PRIYADHARSHINI B	PRIYADHARSHINI B	PRIYADHARSHINI B
30	710621104035	REEGAN AAKISH C	REEGAN AAKISH C	REEGAN AAKISH C	REEGAN AAKISH C	REEGAN AAKISH C
31	710621104036	RISHWANTH S	RISHWANTH S	RISHWANTH S	RISHWANTH S	RISHWANTH S
32	710621104037	ROSHAN R	ROSHAN R	ROSHAN R	ROSHAN R	ROSHAN R
33	710621104038	ROWENA ANN FINIYA A	ROWENA ANN FINIYA A	ROWENA ANN FINIYA A	ROWENA ANN FINIYA A	ROWENA ANN FINIYA A
34	710621104039	SAM DANIEL RAJ A	SAM DANIEL RAJ A	SAM DANIEL RAJ A	SAM DANIEL RAJ A	SAM DANIEL RAJ A
35	710621104040	SAMUEL RITHICK R	SAMUEL RITHICK R	SAMUEL RITHICK R	SAMUEL RITHICK R	SAMUEL RITHICK R
36	710621104041	SANDHIYA A	SANDHIYA A	SANDHIYA A	SANDHIYA A	SANDHIYA A
37	710621104042	SANJAY B	SANJAY B	SANJAY B	SANJAY B	SANJAY B
38	710621104043	SANJEEDHA S	SANJEEDHA S	SANJEEDHA S	SANJEEDHA S	SANJEEDHA S
39	710621104044	SAPARNA B	SAPARNA B	SAPARNA B	SAPARNA B	SAPARNA B
40	710621104045	SHARON ROSE MYSTICA A	SHARON ROSE MYSTICA A	SHARON ROSE MYSTICA A	SHARON ROSE MYSTICA A	SHARON ROSE MYSTICA A
41	710621104046	SHINY ANGEL A	SHINY ANGEL A	SHINY ANGEL A	SHINY ANGEL A	SHINY ANGEL A
42	710621104047	SIVA ANAND S	SIVA ANAND S	SIVA ANAND S	SIVA ANAND S	SIVA ANAND S
43	710621104048	SIVA GURU K	SIVA GURU K	SIVA GURU K	SIVA GURU K	SIVA GURU K
44	710621104049	SOALWIN THOMAS	SOALWIN THOMAS	SOALWIN THOMAS	SOALWIN THOMAS	SOALWIN THOMAS
45	710621104050	SOLESWARAN N	SOLESWARAN N	SOLESWARAN N	SOLESWARAN N	SOLESWARAN N
46	710621104051	SRI JAYA SHANKARAN R	SRI JAYA SHANKARAN R	SRI JAYA SHANKARAN R	SRI JAYA SHANKARAN R	SRI JAYA SHANKARAN R
47	710621104052	SRIRAM V	SRIRAM V	SRIRAM V	SRIRAM V	SRIRAM V
48	710621104053	SUJITH D	SWITH	SWITH	SWITH	SWITH
49	710621104054	SWETHA V S	SWETHA V S	SWETHA V S	SWETHA V S	SWETHA V S
50	710621104055	THAMIZHSELVAN S	THAMIZHSELVAN S	THAMIZHSELVAN S	THAMIZHSELVAN S	THAMIZHSELVAN S
51	710621104057	VARUN M	VARUN M	VARUN M	VARUN M	VARUN M



52	710621104058	VENMATHI RAJ R	venmathi	venmathi	Venmathi	Venmathi
53	710621104059	VINOTHAN V	Vinoth	Vinoth	Vinoth	Vinoth
54	710621104060	VISHNU ADITHYAN P	Vishnu	Vishnu	Vishnu	Vishnu
55	710621104061	YOGESHWARI R	Yogesh	Yogesh	Yogesh	Yogesh
56	710621104301	ABILASH K	Abilash	Abilash	Abilash	Abilash
57	710621104302	AMARNATH T	Amar	Amar	Amar	Amar
58	710621104303	DEEPAK A	Deepak	Deepak	Deepak	Deepak
59	710621104304	KARTHIKEYAN S	Karthi	Karthi	Karthi	Karthi
60	710621104305	KISHORE S	Kishore	Kishore	Kishore	Kishore
61	710621104307	POORNA PRASATH P	Poorna	Poorna	Poorna	Poorna
62	710621104308	PRADEESHWARAN S	Pradee	Pradee	Pradee	Pradee
63	710621104309	RAMAKRISHNAN P	Ramak	Ramak	Ramak	Ramak
64	710621104310	SIRANJEEVE R	Siran	Siran	Siran	Siran
65	710621104311	SIRAN KUMAR C	Siran	Siran	Siran	Siran
66	710621104312	SUBA BHARATHI P	Suba	Suba	Suba	Suba
67	710621104313	KEERTHANA	Keerth	Keerth	Keerth	Keerth

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R. May 2012



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S.NO	Register No	Name of the Student	22-11-2023	23-11-2023	24-11-2023	25-11-2023
1	710620104002	ANAND S	ANANDS	ANANDS	ANANDS	ANANDS
2	710620104003	ASIF AHAMED M	Asif	Asif	Asif	Asif
3	710620104005	BENJAMIN SEBASTIAN S	Benjani	Benjani	Benjani	Benjani
4	710620104006	BOOMIKA S	Boomika	Boomika	Boomika	Boomika
5	710620104007	DEEPA D	Deepa	Deepa	Deepa	Deepa
6	710620104008	DHANUSH RAGAVARAJ S	Dhanush	Dhanush	Dhanush	Dhanush
7	710620104009	DINESH S	Dinesh	Dinesh	Dinesh	Dinesh
8	710620104010	GANESH PRASAD S	Ganesh	Ganesh	Ganesh	Ganesh
9	710620104011	GUNDE PAUL PRASANTH	Gunde	Gunde	Gunde	Gunde
10	710620104012	HEMANJALI M	Hemanjali	Hemanjali	Hemanjali	Hemanjali
11	710620104013	HEMANTHINI S	Hemanti	Hemanti	Hemanti	Hemanti
12	710620104014	JACQUES AMARIAH D	Jacques	Jacques	Jacques	Jacques
13	710620104016	JUDY CHRISTOPHER	Judy.C	Judy.C	Judy.C	Judy.C
14	710620104017	KAVIYA N	Kaviya	Kaviya	Kaviya	Kaviya
15	710620104018	KENNY CHRISPIN T	Kenny	Kenny	Kenny	Kenny
16	710620104019	KIRAN KUMAR T	Kiran	Kiran	Kiran	Kiran
17	710620104020	KIRTHIK S	Kirthik	Kirthik	Kirthik	Kirthik
18	710620104021	LOKESH D	Lokesh	Lokesh	Lokesh	Lokesh
19	710620104022	MANJU PRIYA S	Manju	Manju	Manju	Manju
20	710620104023	MANOJ KUMAR S	Manoj	Manoj	Manoj	Manoj
21	710620104025	MELVIN A	MELVINA	MELVIN-A	MELVIN-A	MELVIN-A
22	710620104027	NETHAGANI AADARSH AMRUTH PAUL	Netha	Netha	Netha	Netha
23	710620104028	NISHAL ROY A	Nishal	Nishal	Nishal	Nishal
24	710620104029	NIVATHA S	Nivetha	Nivetha	Nivetha	Nivetha
25	710620104030	PARTHEESH M	PARTHEESH	PARTHEESH	PARTHEESH	PARTHEESH
26	710620104031	PRADHIKSHA R	Pradhi	Pradhi	Pradhi	Pradhi
27	710620104032	RAHUL S	Rahul	Rahul	Rahul	Rahul
28	710620104033	RANJITH KUMAR R	Ranjith	Ranjith	Ranjith	Ranjith
29	710620104034	REHAN JOE J	Rehan	Rehan	Rehan	Rehan
30	710620104035	RINISHA S	Rinisha	Rinisha	Rinisha	Rinisha
31	710620104036	RONALDO ROBERTS B A	Ronaldo	Ronaldo	Ronaldo	Ronaldo
32	710620104037	SABITHRA S	Sabithra	Sabithra	Sabithra	Sabithra
33	710620104038	SAMIKSHA D	Samiksha	Samiksha	Samiksha	Samiksha
34	710620104039	SANJITH	Sanjith	Sanjith	Sanjith	Sanjith
35	710620104040	SARAH HANABEL	Sarah	Sarah	Sarah	Sarah
36	710620104041	SARAVANAN S	Saravanan	Saravanan	Saravanan	Saravanan
37	710620104042	SHAMITHA S	Shamitha	Shamitha	Shamitha	Shamitha
38	710620104043	SHEEBIKA B	Sheebika	Sheebika	Sheebika	Sheebika
39	710620104044	SNEGA R	Sneha	Sneha	Sneha	Sneha
40	710620104045	SNEHA C	Sneha	Sneha	Sneha	Sneha
41	710620104046	SOWNDARYA G	Soundarya	Soundarya	Soundarya	Soundarya
42	710620104047	SRIPARNA P V	Sriparna	Sriparna	Sriparna	Sriparna
43	710620104048	SUDHARSHAN S	Sudharshan	Sudharshan	Sudharshan	Sudharshan
44	710620104049	SWETHA JENIFER J	Swetha	Swetha	Swetha	Swetha
45	710620104050	THANVEER S	Thanveer	Thanveer	Thanveer	Thanveer



46	710620104051	THEYSIN SWEETY M	Sweet	Sweet	Sweet	Sweet
47	710620104052	UDHAYA CHANDRIKA R G	Udhaya	Udhaya	Udhaya	Udhaya
48	710620104053	VARSHINI P	Van	Van	Van	Van
49	710620104054	VIGNESH KUTTAN P	Vign	Vign	Vign	Vign
50	710620104055	YASHAWINIPUSHPALEELA M	Yashawini	Yashawini	Yashawini	Yashawini
51	710620104301	AKASH	Akash	Akash	Akash	Akash
52	710620104302	ARUNACHALAM S	Arun	Arun	Arun	Arun
53	710620104304	DEEPAK S	Deep	Deep	Deep	Deep
54	710620104305	JIJU THOMAS	Jiju	Jiju	Jiju	Jiju
55	710620104306	NOEL XAVIER	Noel	Noel	Noel	Noel
56	710620104308	SARAN S	Saran	Saran	Saran	Saran
57	710620104309	SURESH	Suresh	Suresh	Suresh	Suresh
58	710620104310	SURYA	Surya	Surya	Surya	Surya
59	710620104701	RAM PRAKASH	Ram	Ram	Ram	Ram
60	710620104702	HARSHITH	Harshith	Harshith	Harshith	Harshith

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NAME: MANIBARATHI .M.

REG NO: 710621104024

YEAR/SEM: III/VI

1. What does AR stand for?

- A) Augmented Reality
- B) Advanced Reality
- C) Alternate Reality
- D) Artificial Reality

20/20

2. Which of the following is a key difference between AR and VR?

- A) AR requires a headset, while VR does not.
- B) VR creates a completely immersive environment, while AR overlays digital content onto the real world.
- C) AR is primarily used for gaming, while VR is not.
- D) There is no difference; they are the same technology.

3. Which toolkit is commonly used for developing AR applications on iOS devices?

- A) ARCore
- B) Vuforia
- C) ARKit
- D) Oculus SDK

4. What is an important principle of UI/UX design in AR?

- A) Minimize the use of colors
- B) Ensure the digital content does not obstruct real-world interactions
- C) Use complex animations for engagement
- D) Focus solely on aesthetics

5. Which of the following is a common use of VR technology?

- A) Enhancing photographs
- B) Virtual training simulations
- C) Adding filters to videos
- D) Improving website loading speed

6. Which aspect is crucial for creating an immersive VR experience?

- A) High frame rate and low latency
- B) Basic graphics
- C) Limited user interaction
- D) Simplistic sound design



R. Megharani

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7. What is a common ethical concern associated with AR and VR?

- A) The color quality of graphics
- B) User data privacy and security
- C) Battery life of devices
- D) The number of applications available

8. In which industry is AR primarily used for training simulations?

- A) Healthcare
- B) Retail
- C) Agriculture
- D) Automotive

9. What is a capstone project typically intended to demonstrate?

- A) The ability to memorize facts
- B) The application of skills learned throughout the course
- C) The completion of a theoretical paper
- D) The ability to work alone

10. During the capstone project, what is an important factor for team success?

- A) Working in isolation
- B) Clear communication and collaboration
- C) Competing against each other
- D) Focusing on individual tasks

11. Which of the following devices is primarily used for VR?

- A) Smartphone
- B) Tablet
- C) VR Headset
- D) Smartwatch

12. What technology does AR typically use to recognize physical objects?

- A) GPS
- B) RFID
- C) Computer Vision
- D) NFC

13. What is a primary advantage of using AR in education?

- A) It is less expensive than traditional methods.
- B) It allows for real-time interaction with virtual elements in the physical world.
- C) It does not require any technology.
- D) It can replace all teachers.



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14. Which of the following is an example of an AR application?

- A) A VR game
- B) A navigation app that overlays directions on a live camera feed
- C) A website
- D) A mobile payment app

15. Which programming language is commonly used for VR development in Unity?

- A) Python
- B) C#
- C) Java
- D) Ruby

16. What aspect is most critical in VR environments to reduce motion sickness?

- A) Brightness of the display
- B) Realism of graphics
- C) Consistent frame rates and low latency
- D) Audio quality

17. Which of the following industries is leveraging VR for architectural visualization?

- A) Sports
- B) Finance
- C) Real Estate
- D) Fashion

18. What challenge is often faced when implementing AR in public spaces?

- A) Limited battery life
- B) Internet connectivity
- C) User engagement
- D) Privacy and safety concern

19. What is the primary purpose of peer feedback during capstone project presentations?

- A) To criticize each other's work
- B) To provide constructive insights for improvement
- C) To determine the final grade
- D) To showcase personal opinions



L. Mary Shant
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20. When working on a team project, what is essential for successful collaboration?

- A) Assigning tasks without discussion
- B) Regular meetings and updates
- C) Avoiding conflicts at all costs
- D) Focusing only on individual contributions

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S.NO	Register No	Name of the Student	MARKS	PASS/FAIL
1	710621104001	AFLAH C	20	PASS
2	710621104002	AJITH M	19	PASS
3	710621104003	ASHIRITHA S	19	PASS
4	710621104004	ASHWIN N	20	PASS
5	710621104005	BARANEETHARAN S	20	PASS
6	710621104006	BARATH S	20	PASS
7	710621104007	CARMAL PRINCY A	20	PASS
8	710621104008	DARSHAN J	20	PASS
9	710621104009	DEEPAVAHINI M	20	PASS
10	710621104010	DHANUSH T	20	PASS
11	710621104011	EBINESH K	20	PASS
12	710621104013	GOKUL KRISHNAN V R	20	PASS
13	710621104015	JAYASEELAN B	20	PASS
14	710621104017	JEYANTH P	19	PASS
15	710621104019	KOWSHICK S	19	PASS
16	710621104020	LIDIYA M	20	PASS
17	710621104021	LOGAHARSHINI S	20	PASS
18	710621104022	MAHALAKSHMI T	20	PASS
19	710621104023	MAHESH KUMAR M	20	PASS
20	710621104024	MANIBARATHI M	20	PASS
21	710621104025	MANIKANDAN M	20	PASS
22	710621104026	MARIA FERNANDEZ F	20	PASS
23	710621104028	NANDHINI T	20	PASS
24	710621104029	NITHISH S	20	PASS
25	710621104030	PASUMPON G	20	PASS
26	710621104031	PRAJAN S	20	PASS
27	710621104032	PRANESH R	20	PASS
28	710621104033	PRANESH S	20	PASS
29	710621104034	PRIYADHARSHINI B	20	PASS
30	710621104035	REEGAN AAKISH C	20	PASS
31	710621104036	RISHWANTH S	20	PASS
32	710621104037	ROSHAN R	20	PASS
33	710621104038	ROWENA ANN FINIYA A	20	PASS
34	710621104039	SAM DANIEL RAJ A	20	PASS
35	710621104040	SAMUEL RITHICK R	20	PASS
36	710621104041	SANDHIYA A	20	PASS
37	710621104042	SANJAY B	19	PASS

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38	710621104043	SANJEEEDHA S	19	PASS
39	710621104044	SAPARNA B	20	PASS
40	710621104045	SHARON ROSE MYSTICA A	20	PASS
41	710621104046	SHINY ANGEL A	19	PASS
42	710621104047	SIVA ANAND S	19	PASS
43	710621104048	SIVA GURU K	20	PASS
44	710621104049	SOALWIN THOMAS	20	PASS
45	710621104050	SOLESWARAN N	20	PASS
46	710621104051	SRI JAYA SHANKARAN R	20	PASS
47	710621104052	SRIRAM V	20	PASS
48	710621104053	SUJITH D	20	PASS
49	710621104054	SWETHA V S	20	PASS
50	710621104055	THAMIZHSELVAN S	20	PASS
51	710621104057	VARUN M	20	PASS
52	710621104058	VENMATHI RAJ R	20	PASS
53	710621104059	VINOTHAN V	19	PASS
54	710621104060	VISHNU ADITHYAN P	20	PASS
55	710621104061	YOGESHWARI R	19	PASS
56	710621104301	ABILASH K	19	PASS
57	710621104302	AMARNATH T	19	PASS
58	710621104303	DEEPAK A	20	PASS
59	710621104304	KARTHIKEYAN S	20	PASS
60	710621104305	KISHORE S	20	PASS
61	710621104307	POORNA PRASATH P	20	PASS
62	710621104308	PRADEESHWARAN S	20	PASS
63	710621104309	RAMAKRISHNAN P	20	PASS
64	710621104310	SIRANJEEVE R	19	PASS
65	710621104311	SIRAN KUMAR C	19	PASS
66	710621104312	SUBA BHARATHI P	20	PASS
67	710621104313	KEERTHANA	19	PASS

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S.NO	Register No	Name of the Student	Marks	Pass/Fail
1	710620104002	ANAND S	20	Pass
2	710620104003	ASIF AHAMED M	20	Pass
3	710620104005	BENJAMIN SEBASTIAN S	20	Pass
4	710620104006	BOOMIKA S	20	Pass
5	710620104007	DEEPA D	19	Pass
6	710620104008	DHANUSH RAGAVARAJ S	19	Pass
7	710620104009	DINESH S	20	Pass
8	710620104010	GANESH PRASAD S	20	Pass
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14	710620104017	KAVIYA N	20	Pass
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20	710620104023	MANOJ KUMAR S	20	Pass
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24	710620104029	NIVATHA S	20	Pass
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29	710620104034	REHAN JOE J	20	Pass
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36	710620104041	SARAVANAN S	20	Pass
37	710620104042	SHAMITHA S	20	Pass
38	710620104043	SHEEBIKA B	20	Pass

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39	710620104044	SNEGA R	20	Pass
40	710620104045	SNEHA C	20	Pass
41	710620104046	SOWNDARYA G	20	Pass
42	710620104047	SRIPARNA P V	20	Pass
43	710620104048	SUDHARSHAN S	20	Pass
44	710620104049	SWETHA JENIFER J	19	Pass
45	710620104050	THANVEER S	19	Pass
46	710620104051	THEYSIN SWEETY M	19	Pass
47	710620104052	UDHAYA CHANDRIKA R G	18	Pass
48	710620104053	VARSHINI P	19	Pass
49	710620104054	VIGNESH KUTTAN P	19	Pass
50	710620104055	YASHAWINIPUSHPALEELA M	19	Pass
51	710620104301	AKASH	20	Pass
52	710620104302	ARUNACHALAM S	19	Pass
53	710620104304	DEEPAK S	20	Pass
54	710620104305	JIJU THOMAS	19	Pass
55	710620104306	NOEL XAVIER	19	Pass
56	710620104308	SARAN S	19	Pass
57	710620104309	SURESH	20	Pass
58	710620104310	SURYA	20	Pass
59	710620104701	RAM PRAKASH	20	Pass
60	710620104702	HARSHITH	19	Pass

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for completing a course on

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22-11-2023 TO 25-11-2023

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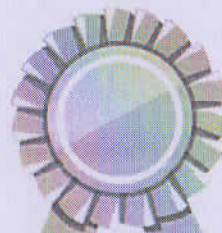
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Course name: Machine Learning Algorithms for Time-Series Data

Course Duration: 21-02-2024 TO 25-02-2024

Academic year: 2023-2024

S.NO	DAY	CONTENT
1	Day 1	Introduction to Time-Series Data
2	Day 2	Traditional Time-Series Forecasting Models
3	Day 3:	Introduction to Machine Learning for Time-Series
4	Day 4	Advanced Machine Learning Techniques
5	Day 5	Model Evaluation and Case Studies

Head of the Department

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Course name: Machine Learning Algorithms for Time-Series Data

Course Duration: 21-02-2024 TO 25-02-2024

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S.NO	Register No	Name of the Student	21-02-2024	22-02-2024	23-02-2024	24-02-2024	25-02-2024
1	710622104001	Aadhi Arunachalam R	Rif	Rif	Rif	Rif	Rif
2	710622104003	Akil M E	Aki	Aki	Aki	Aki	Aki
3	710622104004	Akshai Aravind	Akshai A	Akshai A	Akshai A	Akshai A	Akshai A
4	710622104005	Andrea Henry	Andrea	Andrea	Andrea	Andrea	Andrea
5	710622104006	Anish Kumar A	Aks	Aks	Aks	Aks	Aks
6	710622104007	Balakamatchi S	S.Balakamatchi	S.Balakamatchi	S.Balakamatchi	S.Balakamatchi	S.Balakamatchi
7	710622104009	Bharath N	Barath.N	Barath.N	Barath.N	Barath.N	Barath.N
8	710622104010	Deepak R	R.D. Deepak	R.D. Deepak	R.D. Deepak	R.D. Deepak	R.D. Deepak
9	710622104011	Deepesh Kumar T	DP	DP	DP	DP	DP
10	710622104013	Dharshini S	Dharshini.S	Dharshini.S	Dharshini.S	Dharshini.S	Dharshini.S
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12	710622104016	Giftson Samuel S	Giftson	Giftson	Giftson	Giftson	Giftson
13	710622104017	Gowri Shankar M	MG-SH	MG-SH	MG-SH	MG-SH	MG-SH
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15	710622104019	Harini S	Harini.S	Harini.S	Harini.S	Harini.S	Harini.S
16	710622104020	Hazel Hilga G P	Hazel	Hazel	Hazel	Hazel	Hazel
17	710622104022	Hrithik Kesave S R	Hrithik	Hrithik	Hrithik	Hrithik	Hrithik
18	710622104023	Infant Raj I	I. Infant Raj	I. Infant Raj	I. Infant Raj	I. Infant Raj	I. Infant Raj
19	710622104024	Isha Sharon V	Ishara	Ishara	Ishara	Ishara	Ishara
20	710622104025	Jeril	Jeril	Jeril	Jeril	Jeril	Jeril
21	710622104026	Jesvin Jonathan	Jesvin	Jesvin	Jesvin	Jesvin	Jesvin
22	710622104028	Joshua Saron G	Saron	Saron	Saron	Saron	Saron
23	710622104029	Kapil R Aaron	Kapil	Kapil	Kapil	Kapil	Kapil
24	710622104030	Kavindra R	Kavindra	Kavindra	Kavindra	Kavindra	Kavindra
25	710622104032	Keerthana M	Keerthana	Keerthana	Keerthana	Keerthana	Keerthana

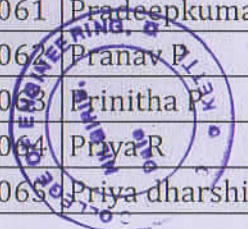
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26	710622104033	Keerthanaa Priya S	Kpriya	Kpriya	Kpriya	Kpriya	Kpriya
27	710622104034	Kevin Leander S	KL	KL	KL	KL	KL
28	710622104035	Kshitish D Palli	KD	KD.O	KD	K.D	K.D.
29	710622104036	LevenThickumar M	LTM	LTM	LTM	LTM	LTM
30	710622104037	Linus Haid S	LHS	LHS	LHS	LHS	LHS
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33	710622104041	Mageshwari S	-	-	-	-	-
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35	710622104043	Manoj Kumar M	MKM	MKM	MKM	MKM	MKM
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37	710622104045	Mirudhula R	M.R	M.R	M.R	M.R	M.R
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49	710622104059	Pavinbala R(7.5)	Pavinbala R	Pavinbala R	Pavinbala R	Pavinbala R	Pavinbala R
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56	710622104066	Ramya L	Ramya L	Ramya L	Ramya L	Ramya L	Ramya L
57	710622104067	Ramya R	Ramya.R	Ramya.R	Ramya.R	Ramya.R	Ramya.R
58	710622104069	Rex Tony S	Rex Tony.S	Rex Tony.S	Rex Tony.S	Rex Tony.S	Rex Tony.S
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75		Jagadeesh.R	Jagadeesh.R	Jagadeesh.R	Jagadeesh.R	Jagadeesh.R	Jagadeesh.R

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HOD CSE

NAME: Narandes Ruban REG NO: 710622104050 YEAR/SEM: II/IV

MCQs Machine Learning Algorithms for Time-Series Data

1. What does ARIMA stand for?

- A) Autoregressive Integrated Moving Average
- B) Automated Regression Integrated Moving Average
- C) Advanced Regression Independent Model Analysis
- D) Auto-Regression Internal Model Algorithm

20/20

2. Which of the following is NOT a characteristic of time-series data?

- A) Temporal ordering
- B) Independence of observations
- C) Seasonality
- D) Trends

3. What is the purpose of feature engineering in time-series analysis?

- A) To reduce the number of models
- B) To improve model performance
- C) To make data visualization easier
- D) To simplify the data

4. Which machine learning model is often used for forecasting time-series data?

- A) K-Means
- B) Decision Trees
- C) Support Vector Machines
- D) All of the above

5. In the context of time-series forecasting, what does the term "lag" refer to?

- A) A delay in data collection
- B) A historical observation used as a predictor
- C) A type of data preprocessing
- D) A model evaluation metric

6. Which deep learning model is specifically designed to handle sequential data, such as time series?

- A) Convolutional Neural Network (CNN)
- B) Random Forest
- C) Long Short-Term Memory (LSTM)
- D) K-Nearest Neighbors

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7. Which of the following metrics is commonly used to evaluate the performance of a time-series forecasting model?

- A) R-squared
- B) Mean Absolute Error (MAE)
- C) F1 Score
- D) Precision

8. What does the term "seasonality" in time-series data refer to?

- A) Long-term trends
- B) Repeating patterns at regular intervals
- C) Irregular fluctuations
- D) Random noise

9. Which of the following methods is primarily used for smoothing time-series data?

- A) K-Means Clustering
- B) Exponential Smoothing
- C) Principal Component Analysis
- D) Decision Tree Regressor

10. What is the main advantage of using ensemble methods for time-series forecasting?

- A) They require less data
- B) They combine predictions from multiple models for improved accuracy
- C) They simplify the model selection process
- D) They are easier to interpret

11. What does the term "differencing" refer to in time-series analysis?

- A) Removing seasonal components
- B) Taking the difference between consecutive observations
- C) Adding new variables
- D) Smoothing data

12. Which of the following algorithms is commonly used for time-series anomaly detection?

- A) K-Means
- B) Isolation Forest
- C) Linear Regression
- D) Naive Bayes

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13. In a seasonal decomposition of time series (STL), which component is removed to analyze the underlying trend?

- A) Noise
- B) Seasonal
- C) Trend
- D) Residual

14. What is the purpose of cross-validation in time-series forecasting?

- A) To tune hyperparameters
- B) To ensure temporal integrity when splitting data
- C) To reduce overfitting
- D) All of the above

15. Which of the following is a common assumption made by the ARIMA model?

- A) Data is stationary
- B) Data is normally distributed
- C) Data has no outliers
- D) Data has a constant variance

16. What is a rolling forecast?

- A) A prediction method based on historical averages
- B) A technique that continually updates forecasts as new data arrives
- C) A model that uses only the most recent data for predictions
- D) A method of aggregating predictions over time

17. In the context of LSTMs, what does "forget gate" do?

- A) It determines how much of the input to keep
- B) It controls the information flow in the network
- C) It decides what information to discard from the cell state
- D) It outputs the final prediction

18. Which library is commonly used for implementing ARIMA models in Python?

- A) TensorFlow
- B) Scikit-learn
- C) Statsmodels
- D) Matplotlib

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19. What is one key difference between supervised and unsupervised learning in the context of time-series analysis?

- A) Supervised learning requires labeled data
- B) Unsupervised learning requires labeled data
- C) Both require a large amount of data
- D) Supervised learning is used for clustering

20. In time-series forecasting, which model can be used for both regression and classification tasks?

- A) K-Nearest Neighbors
- B) Neural Networks
- C) Linear Regression
- D) Both B and C

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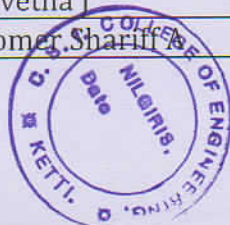
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Course name: Machine Learning Algorithms for Time-Series Data**Course Duration: 21-02-2024 TO 25-02-2024****II CSE**

S.NO	Register No	Name of the Student	MARKS	PASS/FAIL
1	710622104001	Aadhi Arunachalam R	20	PASS
2	710622104003	Akil M E	20	PASS
3	710622104004	Akshai Aravind	20	PASS
4	710622104005	Andrea Henry	19	PASS
5	710622104006	Anish Kumar A	19	PASS
6	710622104007	Balakamatchi S	20	PASS
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9	710622104011	Deepesh Kumar T	19	PASS
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14	710622104018	Hanni Bernitha Sebastian	20	PASS
15	710622104019	Harini S	20	PASS
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17	710622104022	Hrithik Kesave S R	20	PASS
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19	710622104024	Isha Sharon V	20	PASS
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47	710622104057	Oomer Shariff	20	PASS

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48	710622104058	Parvez N	19	PASS
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71	710622104083	Sudhir Nandhan M	20	PASS
72	710622104084	Suriyalingam S	20	PASS
73	710622104087	Vignesh V	20	PASS
75		Jagadeesh.R	19	PASS

Suvashree S

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CERTIFICATE

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Aadhi Arunachalam R

for completing a course on

Machine Learning Algorithms for Time-Series Data

21-02-2024 TO 25-02-2024

HOD



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DIRECTOR



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DEPARTMENT OF SCIENCE & HUMANITIES

ARTIFICIAL INTELLIGENCE COURSE

22/11/2023 – 26/11/2023

COURSE CONTENT

S.NO	DAY	CONTENT
1	22.11.2023	INTRODUCTION TO ARTIFICIAL INTELLIGENCE
2	23.11.2023	FUTURE TRENDS IN ARTIFICIAL INTELLIGENCE
3	24.11.2023	DEEPIING LEARNING & NEURAL NETWORKS
4	25.11.2023	ETHICS & SOCIAL IMPLICATIONS OF AI
5	26.11.2023	NATURAL LANGUAGE PROCESSING (NLP)

Henry

Head of the Department



R. My Senthil

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S.NO	REG NO	STUDENT NAME	22/11/2024	23/11/2024	24/11/2024	25/11/2024	26/11/2024
1	710623104001	AAKASH.D	Akash	Akash	Akash	Akash	Akash
2	710623104002	AARON SAMUEL D	Aaron	Aaron	Aaron	Aaron	Aaron
3	710623104003	ABHISHEK A	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek
4	710623104004	AAKASH V S	Aakash	Aakash	Aakash	Aakash	Aakash
5	710623104005	AKSHARA B	Akshara	Akshara	Akshara	Akshara	Akshara
6	710623104006	ASHWIN.LL	Ashwin	Ashwin	Ashwin	Ashwin	Ashwin
7	710623104007	ASWIN.S	Aswin	Aswin	Aswin	Aswin	Aswin
8	710623104008	ASWIN.V	Aswin	Aswin	Aswin	Aswin	Aswin
9	710623104009	BALA.S	Bala	Bala	Bala	Bala	Bala
10	710623104010	BENEDICT KUNDAM	Benedict	Benedict	Benedict	Benedict	Benedict
11	710623104011	BOOBESH.P	Boobesh	Boobesh	Boobesh	Boobesh	Boobesh
12	710623104012	CATHRIN RENY	Cathrin	Cathrin	Cathrin	Cathrin	Cathrin
13	710623104013	DEEKSHITH.S	Deekshith	Deekshith	Deekshith	Deekshith	Deekshith
14	710623104014	DEEPAK.E	Deepak	Deepak	Deepak	Deepak	Deepak
15	710623104015	DEEPAK.S	Deepak	Deepak	Deepak	Deepak	Deepak
16	710623104016	DHANALAKSHMI	Dhanalakshmi	Dhanalakshmi	Dhanalakshmi	Dhanalakshmi	Dhanalakshmi
17	710623104017	DHANUSH	Dhanush	Dhanush	Dhanush	Dhanush	Dhanush
18	710623104018	DINESH KUMAR	Dinesh	Dinesh	Dinesh	Dinesh	Dinesh
19	710623104019	EZILARASI	Ezilarasi	Ezilarasi	Ezilarasi	Ezilarasi	Ezilarasi
20	710623104020	GAYATHRI.N	Gayathri	Gayathri	Gayathri	Gayathri	Gayathri
21	710623104021	GNANESH.R	Gnanesh	Gnanesh	Gnanesh	Gnanesh	Gnanesh
22	710623104022	GOWRI SANKAR	Gowri	Gowri	Gowri	Gowri	Gowri
23	710623104023	GOWTHAM	Gowtham	Gowtham	Gowtham	Gowtham	Gowtham
24	710623104024	GRACY	Gracy	Gracy	Gracy	Gracy	Gracy
25	710623104025	HANNAH PRATHANA	Hannah	Hannah	Hannah	Hannah	Hannah
26	710623104026	HARAL JERISHI	Haral	Haral	Haral	Haral	Haral
27	710623104027	HAVANTHIKKA M	Havanthikka	Havanthikka	Havanthikka	Havanthikka	Havanthikka
28	710623104028	HEMALATHA	Hemalatha	Hemalatha	Hemalatha	Hemalatha	Hemalatha
29	710623104029	INDUJA	Induja	Induja	Induja	Induja	Induja
30	710623104030	JACK CALLIS	Jack	Jack	Jack	Jack	Jack
31	710623104031	JANANI	Janani	Janani	Janani	Janani	Janani
32	710623104032	JEEVITHESH.P	Jeevithesh	Jeevithesh	Jeevithesh	Jeevithesh	Jeevithesh
33	710623104033	JOHN ABRAHAM	John	John	John	John	John
34	710623104034	KANISH	Kanish	Kanish	Kanish	Kanish	Kanish
35	710623104035	KATHIR	Kathir	Kathir	Kathir	Kathir	Kathir



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36	710623104036	KEERTHIKA	keerthika	keerthika	keerthika	keerthika	keerthika
37	710623104037	KIRUBHAKARAN	P.B.A.	P.B.A.	P.B.A.	P.B.A.	P.B.A.
38	710623104038	KRISH	Krish	Krish	Krish	Krish	Krish
39	710623104039	MAHISHA	S.M.H.	S.M.H.	S.M.H.	S.M.H.	S.M.H.
40	710623104040	MANMOHAN	P.N.M.	P.N.M.	P.N.M.	P.N.M.	P.N.M.
41	710623104041	MARYAMFATHIMA	M.A.F.	M.A.F.	M.A.F.	M.A.F.	M.A.F.
42	710623104042	MELKIN	Melkin	Melkin	Melkin	Melkin	Melkin
43	710623104043	MELWIN	Melwin	Melwin	Melwin	Melwin	Melwin
44	710623104044	MEYYANATHAN	T.M.A.	T.M.A.	T.M.A.	T.M.A.	T.M.A.
45	710623104045	MOHAMMED JAFIR SUHAIL	Suhail	Suhail	Suhail	Suhail	Suhail
46	710623104046	MOHAMMED SATHIK	B.H.S.	B.H.S.	B.H.S.	B.H.S.	B.H.S.
47	710623104047	MOHANAPRIYA	Mohanpriya	Mohanpriya	Mohanpriya	Mohanpriya	Mohanpriya
48	710623104048	MOHANRAJ	Mohanraj	Mohanraj	Mohanraj	Mohanraj	Mohanraj
49	710623104049	NAVEEN KUMAR	Naveen	Naveen	Naveen	Naveen	Naveen
50	710623104050	NAVEEN PRABAKAR	N.P.	N.P.	N.P.	N.P.	N.P.
51	710623104051	NAYANA	Nayana	Nayana	Nayana	Nayana	Nayana
52	710623104052	NISHANTH.R	Nishanth	Nishanth	Nishanth	Nishanth	Nishanth
53	710623104053	NITHISH KUMAR S	Nithish	Nithish	Nithish	Nithish	Nithish
54	710623104054	NITISH KUMAR S	Nitish	Nitish	Nitish	Nitish	Nitish
55	710623104055	PAMBA LASIYA	Pambalasiya	Pambalasiya	Pambalasiya	Pambalasiya	Pambalasiya
56	710623104056	PAULRAJ E P	Paulraj	Paulraj	Paulraj	Paulraj	Paulraj
57	710623104057	PEARLY HANNAH	Pearly	Pearly	Pearly	Pearly	Pearly
58	710623104058	PERUMAL	Perumal	Perumal	Perumal	Perumal	Perumal
59	710623104059	POOJA.G	Pooja	Pooja	Pooja	Pooja	Pooja
60	710623104060	PRANESH.B	Pranesh	Pranesh	Pranesh	Pranesh	Pranesh
61	710623104061	PREETHIKA	Preethika	Preethika	Preethika	Preethika	Preethika
62	710623104062	PUNITH RAJKUMAR	Punith	Punith	Punith	Punith	Punith
63	710623104063	RAHUL GANDHI	Raghu	Raghu	Raghu	Raghu	Raghu
64	710623104064	RAJA.S	Raja	Raja	Raja	Raja	Raja
65	710623104065	RASIKA	Rasika	Rasika	Rasika	Rasika	Rasika
66	710623104066	RIA CERYIL PAUL J	Ria	Ria	Ria	Ria	Ria
67	710623104067	RITHISH.R	Rithish	Rithish	Rithish	Rithish	Rithish
68	710623104068	ROSHMI	Roshmi	Roshmi	Roshmi	Roshmi	Roshmi
69	710623104069	ROSHNIS	Roshni	Roshni	Roshni	Roshni	Roshni
70	710623104070	SABARINATHAN	Sabar	Sabar	Sabar	Sabar	Sabar
71	710623104071	SAKTHI.B	Sakthi	Sakthi	Sakthi	Sakthi	Sakthi
72	710623104072	SAM KEVIN	Sam	Sam	Sam	Sam	Sam



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73	710623104073	SAMUEL R	Samu	Samu	Samu	Samu	Samu
74	710623104074	SANJAY K	Sanjayk	Sanjayk	Sanjayk	Sanjayk	Sanjayk
75	710623104075	SANJAY.N	Sanjay	Sanjay	Sanjay	Sanjay	Sanjay
76	710623104076	SANJAY.S	Sanjay	Sanjay	Sanjay	Sanjay	Sanjay
77	710623104077	SANJAY.T	Sanjay T	Sanjay T	Sanjay T	Sanjay T	Sanjay T
78	710623104078	SANJAY JOSHUA	Sanjay	Sanjay	Sanjay	Sanjay	Sanjay
79	710623104079	SARAVANAN.A	Saravanan	Saravanan	Saravanan	Saravanan	Saravanan
80	710623104080	SARUKESH.P	Sarukesh	Sarukesh	Sarukesh	Sarukesh	Sarukesh
81	710623104081	SHALINIA	Shalini	Shalini	Shalini	Shalini	Shalini
82	710623104082	SREE LAKSHMI S	Sreelakshmi	Sreelakshmi	Sreelakshmi	Sreelakshmi	Sreelakshmi
83	710623104083	SHYAMMATHIEW	Shyam	Shyam	Shyam	Shyam	Shyam
84	710623104084	SINDHUJA	Sindhuja	Sindhuja	Sindhuja	Sindhuja	Sindhuja
85	710623104085	SIRANJITH	Siranjith	Siranjith	Siranjith	Siranjith	Siranjith
86	710623104086	SOMINILA	Sominila	Sominila	Sominila	Sominila	Sominila
87	710623104087	SRI LAKSHMI S	Sreelakshmi	Sreelakshmi	Sreelakshmi	Sreelakshmi	Sreelakshmi
88	710623104088	SUBASHREE	v.Subashree	v.Subashree	v.Subashree	v.Subashree	v.Subashree
89	710623104089	SYED ZAHEER	Syed	Syed	Syed	Syed	Syed
90	710623104090	THAMAYANTHI	Thamayanthi	Thamayanthi	Thamayanthi	Thamayanthi	Thamayanthi
91	710623104091	VIGNESHWAR	Vigneshwar	Vigneshwar	Vigneshwar	Vigneshwar	Vigneshwar
92	710623104092	VIJAY.K	Vijay	Vijay	Vijay	Vijay	Vijay
93	710623104093	VINITH KUMAR	Vinithkumar	Vinithkumar	Vinithkumar	Vinithkumar	Vinithkumar
94	710623104094	VIVIN.C	Vivin	Vivin	Vivin	Vivin	Vivin
95	710623104095	YAKSHA					

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REGISTER NUMBER: 710623104020
NAME OF THE STUDENT: GAYATHRI.N
PROGRAMME: BE - Computer Science.
COURSE NAME: ARTIFICIAL INTELLIGENCE COURSE
MAXIMUM MARKS: 20
DATE: 27.11.2023
TIME: 9.30 to 10.00 AM

95
100

1. What is the primary purpose of using AI in cybersecurity?
 A) To reduce human error
 B) To enhance data storage
 C) To automate social media management
 D) To improve graphic design
2. Which AI technique is commonly used for anomaly detection in network traffic?
 A) Linear Regression
 B) Decision Trees
 C) Neural Networks
 D) K-means Clustering
3. What does a Security Information and Event Management (SIEM) system do?
 A) Store data
 B) Analyze security alerts
 C) Control access
 D) Encrypt files



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4. Which of the following is a benefit of using machine learning in cybersecurity?

- A) Reduced operational costs
- B) Elimination of all cyber threats
- C) Increased manual review processes
- D) Slower incident response times

5. What type of attacks can AI help predict and mitigate?

- A) Phishing attacks
- B) Social engineering attacks
- C) Ransomware attacks
- D) All of the above

6. Which AI approach is used for classifying emails as spam or legitimate?

- A) Clustering
- B) Reinforcement Learning
- C) Supervised Learning
- D) Genetic Algorithms

7. In the context of AI in cybersecurity, what is "threat hunting"?

- A) Scanning for viruses
- B) Proactively searching for threats
- C) Responding to incidents
- D) Managing user accounts

8. What is a potential downside of using AI in cybersecurity?

- A) Improved accuracy
- B) High computational costs
- C) Increased data security
- D) Enhanced threat detection

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9. Which algorithm is often used for identifying malware signatures?
- A) Random Forest
 - B) Support Vector Machines
 - C) K-Nearest Neighbors
 - D) Naive Bayes
10. What role does natural language processing (NLP) play in cybersecurity?
- A) Analyzing log files
 - B) Detecting insider threats
 - C) Understanding user behavior
 - D) All of the above
11. Which of the following is an application of AI in incident response?
- A) Automated threat detection
 - B) Manual log analysis
 - C) User training programs
 - D) Network hardware upgrades
12. What is "automated phishing detection"?
- A) Manually reviewing emails
 - B) Using AI to identify phishing attempts
 - C) Implementing stronger passwords
 - D) Sending alerts to users



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13. Which of these is NOT a use of AI in cybersecurity?

- A) Password generation
- B) Predicting weather patterns
- C) Fraud detection
- D) User behavior analytics

14. How can AI assist in vulnerability management?

- A) By fixing vulnerabilities automatically
- B) By prioritizing vulnerabilities based on risk
- C) By creating software updates
- D) By manually testing all software

15. What does "behavioral analysis" in cybersecurity involve?

- A) Tracking network traffic
- B) Monitoring user actions
- C) Scanning for malware
- D) Updating software

16. Which type of machine learning is typically used for real-time threat detection?

- A) Unsupervised Learning
- B) Semi-supervised Learning
- C) Supervised Learning
- D) Reinforcement Learning

17. What is a "false positive" in the context of AI-based security systems?

- A) A legitimate threat identified as safe
- B) An actual threat that goes undetected
- C) A benign event flagged as a threat
- D) A system failure



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18. Which AI application can help organizations comply with data privacy regulations?

- A) Data encryption
- B) Automated reporting tools
- C) Network firewalls
- D) User training sessions

19. How can AI improve the effectiveness of penetration testing?

- A) By automating attack simulations
- B) By reducing the need for human testers
- C) By eliminating all vulnerabilities
- D) By only testing on weekends

20. What is "deep learning" in the context of cybersecurity?

- A) A method for deeper encryption
- B) A subset of machine learning using neural networks
- C) A technique for manual data analysis
- D) A method for creating stronger passwords



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S.NO	REG NO	STUDENT NAME	MARK (100)	PASS/FAIL
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2	710623104002	AARON SAMUEL D	75	PASS
3	710623104003	ABHISHEK A	80	PASS
4	710623104004	AAKASH V S	86	PASS
5	710623104005	AKSHARA B	72	PASS
6	710623104006	ASHWIN.L	81	PASS
7	710623104007	ASWIN.S	74	PASS
8	710623104008	ASWIN.V	65	PASS
9	710623104009	BALA.S	85	PASS
10	710623104010	BENEDICT KUNDAM	70	PASS
11	710623104011	BOOBESH.P	78	PASS
12	710623104012	CATHRIN RENY	73	PASS
13	710623104013	DEEKSHITH.S	74	PASS
14	710623104014	DEEPAK.E	82	PASS
15	710623104015	DEEPAK.S	76	PASS
16	710623104016	DHANALAKSHMI	85	PASS
17	710623104017	DHANUSH	86	PASS
18	710623104018	DINESH KUMAR	74	PASS
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22	710623104022	GOWRI SANKAR	74	PASS
23	710623104023	GOWTHAM	84	PASS
24	710623104024	GRACY	78	PASS
25	710623104025	HANNAH PRATHANA	82	PASS
26	710623104026	HARAL JERISH	75	PASS
27	710623104027	HAVANTHIKKA M	74	PASS
28	710623104028	HEMALATHA	79	PASS
29	710623104029	INDUJA	81	PASS
30	710623104030	JACK CALLIS	83	PASS
31	710623104031	JANANI	76	PASS
32	710623104032	JEEVITHESH.P	76	PASS
33	710623104033	JOHN ABRAHAM	95	PASS
34	710623104034	•KANISH	88	PASS



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36	710623104036	KEERTHIKA	78	PASS
37	710623104037	KIRUBHAKARAN	74	PASS
38	710623104038	KRISH	88	PASS
39	710623104039	MAHISHA	84	PASS
40	710623104040	MANMOHAN	85	PASS
41	710623104041	MARYAMFATHIMA	81	PASS
42	710623104042	MELKIN	80	PASS
43	710623104043	MELWIN	76	PASS
44	710623104044	MEYYANATHAN	75	PASS
45	710623104045	MOHAMMED JAFIR SUHAIL	89	PASS
46	710623104046	MOHAMMED SATHIK	99	PASS
47	710623104047	MOHANAPRIYA	86	PASS
48	710623104048	MOHANRAJ	72	PASS
49	710623104049	NAVEEN KUMAR	82	PASS
50	710623104050	NAVEEN PRABAKAR	74	PASS
51	710623104051	NAYANA	88	PASS
52	710623104052	NISHANTH.R	78	PASS
53	710623104053	NITHISH KUMAR S	79	PASS
54	710623104054	NITISH KUMAR S	88	PASS
55	710623104055	PAMBA LASIYA	74	PASS
56	710623104056	PAULRAJ E P	79	PASS
57	710623104057	PEARLY HANNAH	74	PASS
58	710623104058	PERUMAL	76	PASS
59	710623104059	POOJA.G	71	PASS
60	710623104060	PRANESH.B	88	PASS
61	710623104061	PREETHIKA	89	PASS
62	710623104062	PUNITH RAJKUMAR	82	PASS
63	710623104063	RAHUL GANDHI	86	PASS
64	710623104064	RAJA.S	72	PASS
65	710623104065	RASIKA	74	PASS
66	710623104066	RIA CERYIL PAUL J	78	PASS
67	710623104067	RITHISH.R	89	PASS
68	710623104068	ROSHMI	86	PASS
69	710623104069	ROSHNIS	99	PASS
70	710623104070	SABARINATHAN	87	PASS
71	710623104071	•SAKTHI.B	75	PASS




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72	710623104072	SAM KEVIN	81	PASS
73	710623104073	SAMUEL R	74	PASS
74	710623104074	SANJAY K	76	PASS
75	710623104075	SANJAY.N	73	PASS
76	710623104076	SANJAY.S	78	PASS
77	710623104077	SANJAY.T	77	PASS
78	710623104078	SANJAY JOSHUA	74	PASS
79	710623104079	SARAVANAN.A	79	PASS
80	710623104080	SARUKESH.P	78	PASS
81	710623104081	SHALINIA	75	PASS
82	710623104082	SREE LAKSHMI S	84	PASS
83	710623104083	SHYAMMATHEW	86	PASS
84	710623104084	SINDHUJA	87	PASS
85	710623104085	SIRANJITH	82	PASS
86	710623104086	SOMINILA	81	PASS
87	710623104087	SRI LAKSHMI S	86	PASS
88	710623104088	SUBASHREE	78	PASS
89	710623104089	SYED ZAHEER	89	PASS
90	710623104090	THAMAYANTHI	88	PASS
91	710623104091	VIGNESHWAR	83	PASS
92	710623104092	VIJAY.K	87	PASS
93	710623104093	VINITH KUMAR	84	PASS
94	710623104094	VIVIN.C	86	PASS
95	710623104095	YAKSHA	74	PASS

R. May Shank

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[Signature]

Head of the Department





Shilpi Jain

Mrs. Shilpi Jain
Director,
IntelliPaat Software Solutions Pvt Ltd.

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Shilpi Jain

Mrs. Shilpi Jain
Director,
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Shilpi Jain

Mrs. Shilpi Jain
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