



# 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),  
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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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## DEPARTMENT OF SCIENCE & HUMANITIES ARTIFICIAL INTELLIGENCE COURSE

22/11/2023 - 26/11/2023

### ATTENDANCE

### B.Tech AI & DS

S.No	REG NO	STUDENT NAME	22/11/2024	23/11/2024	24/11/2024	25/11/2024	26/11/2024
1	710623243001	AJAY S	A.S	A.S	A.S	A.S	A.S
2	710623243002	AJITH A	Ajith	Ajith	Ajith	Ajith	Ajith
3	710623243003	ALLWIN ANTRUE	Andrue	Andrue	Andrue	Andrue	Andrue
4	710623243004	ANUSHA ADHIL S	Anu	Anu	Anu	Anu	Anu
5	710623243005	BENJAMIN B	Benjamin	Benjamin	Benjamin	Benjamin	Benjamin
6	710623243006	BHARATHI	B	B	B	B	B
7	710623243007	DANIEL PRINCE A	D	D	D	D	D
8	710623243008	GIRINATH	G	G	G	G	G
9	710623243009	GOWSIKA	G	G	G	G	G
10	710623243010	HEMANTH PRASATH	R.Prasath	R.Prasath	R.Prasath	R.Prasath	R.Prasath
11	710623243011	HARSHITHA P	H	H	H	H	H
12	710623243012	JEEVA SANJEVINI	J	J	J	J	J
13	710623243013	JINCY LIZIYA	J	J	J	J	J
14	710623243014	JOEL DEVANESAN C	J	J	J	J	J
15	710623243015	JOHN PAUL G	J.Paul	J.Paul	J.Paul	J.Paul	J.Paul
16	710623243016	KAMALESH M	K	K	K	K	K
17	710623243017	KAMALI R	R	R	R	R	R
18	710623243018	KARTHICK S	K	K	K	K	K
19	710623243019	KEERTHANA V	K	K	K	K	K
20	710623243020	KIRAN R	K	K	K	K	K
21	710623243021	KURALARASU S	K	K	K	K	K
22	710623243022	MAHALAKSHMI S	Mahalakshmi	Mahalakshmi	Mahalakshmi	Mahalakshmi	Mahalakshmi
23	710623243023	MARIA JULIANA	M	M	M	M	M
24	710623243024	MITHUN M	M	M	M	M	M
25	710623243025	MOHAMMED AZARUDEEN	H.Borudin	H.Borudin	H.Borudin	H.Borudin	H.Borudin



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26	710623243026	NANCY SHERIN A	Nancy	Nancy	Nancy	Nancy	Nancy
27	710623243027	NANDHA KUMAR M	Nandha	Nandha	Nandha	Nandha	Nandha
28	710623243028	NITHIN JOSHA S	Nithish	Nithish	Nithish	Nithish	Nithish
29	710623243029	PRATHISH D	P.Prathish	P.Prathish	P.Prathish	P.Prathish	P.Prathish
30	710623243030	PRATHAP T	T.Prathap	T.Prathap	T.Prathap	T.Prathap	T.Prathap
31	710623243031	PRATHEESH P	P.Pratheesh	P.Pratheesh	P.Pratheesh	P.Pratheesh	P.Pratheesh
32	710623243032	PRAVEEN V	V.Praveen	V.Praveen	V.Praveen	V.Praveen	V.Praveen
33	710623243033	RAMANAN	Ramanan	Ramanan	Ramanan	Ramanan	Ramanan
34	710623243034	SAM BENOY J	B.Sam	B.Sam	B.Sam	B.Sam	B.Sam
35	710623243035	SAM GLADWIN	Samgladwin	Samgladwin	Samgladwin	Samgladwin	Samgladwin
36	710623243036	SANJANA M	M.Sanjana	M.Sanjana	M.Sanjana	M.Sanjana	M.Sanjana
37	710623243037	SANJAY M	M.Sanjay	M.Sanjay	M.Sanjay	M.Sanjay	M.Sanjay
38	710623243038	SANTHIYA S	S.Santhiya	S.Santhiya	S.Santhiya	S.Santhiya	S.Santhiya
39	710623243039	SARANRAJ P	P.Saranraj	P.Saranraj	P.Saranraj	P.Saranraj	P.Saranraj
40	710623243040	SASMITHA	S.Sasmitha	S.Sasmitha	S.Sasmitha	S.Sasmitha	S.Sasmitha
41	710623243041	SEBASTIAN JEBAZ	S.Jebaz	S.Jebaz	S.Jebaz	S.Jebaz	S.Jebaz
42	710623243042	SHARAN R	R.Sharan	R.Sharan	R.Sharan	R.Sharan	R.Sharan
43	710623243043	SHARON D	D.Sharon	D.Sharon	D.Sharon	D.Sharon	D.Sharon
44	710623243044	SHUBANU	S.Shubanu	S.Shubanu	S.Shubanu	S.Shubanu	S.Shubanu
45	710623243045	SOWMIYA M	M.Sowmiya	M.Sowmiya	M.Sowmiya	M.Sowmiya	M.Sowmiya
46	710623243046	TEJESHWAR G	G.Tejeswar	G.Tejeswar	G.Tejeswar	G.Tejeswar	G.Tejeswar
47	710623243047	THANISLASS JAMES A	A.James	A.James	A.James	A.James	A.James
48	710623243048	TIVIN JONATHAN	T.Tivin	T.Tivin	T.Tivin	T.Tivin	T.Tivin
49	710623243049	VARSHAN S	S.Varshana	S.Varshana	S.Varshana	S.Varshana	S.Varshana
50	710623243050	VIBIN JOSEPH	J.Vibin	J.Vibin	J.Vibin	J.Vibin	J.Vibin
51	710623243051	VIGNESH H	H.Vignesh	H.Vignesh	H.Vignesh	H.Vignesh	H.Vignesh
52	710623243052	VINCY JOTHI	J.Vincy	J.Vincy	J.Vincy	J.Vincy	J.Vincy
53	710623243053	YALINI	Y.Yalini	Y.Yalini	Y.Yalini	Y.Yalini	Y.Yalini

*[Handwritten signature]*

Head of the Department



*[Handwritten signature of Principal]*

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REGISTER NUMBER: 710623243033

NAME OF THE STUDENT: RAMANAN K

PROGRAMME: B. TECH ARTIFIICAL INTELLIGENCE & DATA SCIENCE

COURSE NAME: ARTIFICIAL INTELLIGENCE COURSE

MAXIMUM MARKS: 20

DATE: 27/11/2023

TIME: 9.30 to 10.00 AM

65  
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

*L. May Shankar*

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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

*S. May Sham A*

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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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22/11/2023 – 26/11/2023

ASSESSMENT MARK

B.Tech AI & DS

S.No	REG NO	STUDENT NAME	MARK (100)	PASS/FAIL
1	710623243001	AJAY S	81	PASS
2	710623243002	AJITH A	74	PASS
3	710623243003	ALLWIN ANTRUE	76	PASS
4	710623243004	ANUSHA ADHIL S	73	PASS
5	710623243005	BENJAMIN B	78	PASS
6	710623243006	BHARATHI	77	PASS
7	710623243007	DANIEL PRINCE A	74	PASS
8	710623243008	GIRINATH	79	PASS
9	710623243009	GOWSIKA	78	PASS
10	710623243010	HEMANTH PRASATH	75	PASS
11	710623243011	HARSHITHA P	84	PASS
12	710623243012	JEEVA SANJEVINI	86	PASS
13	710623243013	JINCY LIZIYA	87	PASS
14	710623243014	JOEL DEVANESAN C	82	PASS
15	710623243015	JOHN PAUL G	81	PASS
16	710623243016	KAMALESH M	86	PASS
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20	710623243020	KIRAN R	83	PASS
21	710623243021	KURALARASU S	87	PASS
22	710623243022	MAHALAKSHMI S	84	PASS
23	710623243023	MARIA JULIANA	86	PASS
24	710623243024	MITHUN M	74	PASS
25	710623243025	MOHAMMED AZARUDEEN	83	PASS



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26	710623243026	NANCY SHERIN A	70	PASS
27	710623243027	NANDHA KUMAR M	75	PASS
28	710623243028	NITHIN JOSHUA S	80	PASS
29	710623243029	PRATHISH D	86	PASS
30	710623243030	PRATHAP T	72	PASS
31	710623243031	PRATHEESH P	81	PASS
32	710623243032	PRAVEEN V	74	PASS
33	710623243033	RAMANAN	65	PASS
34	710623243034	SAM BENOY J	85	PASS
35	710623243035	SAM GLADWIN	70	PASS
36	710623243036	SANJANA M	78	PASS
37	710623243037	SANJAY M	73	PASS
38	710623243038	SANTHIYA S	74	PASS
39	710623243039	SARANRAJ P	82	PASS
40	710623243040	SASMITHA	76	PASS
41	710623243041	SEBASTIAN JEBAZ	85	PASS
42	710623243042	SHARAN R	86	PASS
43	710623243043	SHARON D	74	PASS
44	710623243044	SHUBANU	85	PASS
45	710623243045	SOWMIYA M	95	PASS
46	710623243046	TEJESHWAR G	75	PASS
47	710623243047	THANISLASS JAMES A	74	PASS
48	710623243048	TIVIN JONATHAN	65	PASS
49	710623243049	VARSHAN S	85	PASS
50	710623243050	VIBIN JOSEPH	70	PASS
51	710623243051	VIGNESH H	78	PASS
52	710623243052	VINCY JOTHI	73	PASS
53	710623243053	YALINI	74	PASS

*L. Mayank*

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*Jam*  
Head of the Department





*Shilpi Jain*

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

## CERTIFICATE OF COMPLETION

VERIFIED  
CERTIFICATE

This Certificate Is Presented To

**AJAY S**

Who has successfully completed all the requirements  
stipulated by IntelliPaat for

**Free Online Artificial  
Intelligence(AI) Course**

to achieve professional excellence

Issue Date: November 26, 2023

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*Shilpi Jain*

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

## CERTIFICATE OF COMPLETION

This Certificate is Presented To

**AJITH A**

Who has successfully completed all the requirements stipulated by IntelliPaat for

**Free Online Artificial Intelligence(AI) Course**

to achieve professional excellence

Issue Date: November 26, 2023

VERIFIED  
CERTIFICATE

*R. May Shant*

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KETTI - 643 201





*Shilpi Jain*

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

## CERTIFICATE OF COMPLETION

VERIFIED  
CERTIFICATE

This Certificate Is Presented To

ALLWIN ANTRUE

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Issue Date: November 26, 2023

*L. Mary Grace*  
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