



Indra Ganesan

COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Accredited by NAAC with 'B+' Grade, 2(f) & 12B Status Institution by UGC

IG Valley, Madurai Main Road, Manikandam, Tiruchirappalli - 620012

NAAC DOCUMENTS

QUALITY INDICATOR FRAME WORK

CRITERION – 1

CURRICULAR ASPECTS

SUBMITTED BY

IQAC

INTERNAL QUALITY ASSURANCE CELL

INDRA GANESAN COLLEGE OF ENGINEERING





DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ACADEMIC YEAR 2021-2022 / EVEN SEMESTER

1.2 Academic Flexibility (30)

1.2.1 Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. (where the students of the institution have enrolled and successfully completed during the last five years)

AND

1.2.2 Percentage of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years

VAC Title:	INTRODUCTION TO MACHINE LEARNING				
Resource Person:	Mr. Shalom Jerlin, Technical Head, Hitakey Infosys Trichy				
Date of conduct from:	01.08.2022	To:	05.08.2022	Duration:	30 Hours
Organized Department:	ELECTRONICS AND COMMUNICATION ENGINEERING				
Participant Year:	ECE IV, III, II	Semester:	EVEN	No. of Students Registered:	52
Venue:	DSP Lab				

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Department of Electronics and Communication Engineering
Academic Year 2021-2022–EVEN Semester

27.07.2022

DEPARTMENT CIRCULAR

Department of Electronics and Communication Engineering and IQAC of IGCE in association with Hitakey Infosys, Trichy, is going to organize Value Added Course for all Second, Third and Final year students on “**Introduction to Machine Learning**” from 01.08.2022 to 05.08.2022. Certificates will be issued to the eligible participants at the end of the Course. This training is to be provided in our campus

Resource Person Detail	Ms. Shalom Jerlin , Technical Head, Hitakey Infosys, Trichy
Venue	DSP Lab, IGCE


HOD/ECE


PRINCIPAL

Cc:

- Principal office
- IQAC Co-Ordinator
- Class In charges - II, III & IV-Year
- II, III & IV-Year ECE Students
- Office File
- Notice Board


Dr. G. Balakrishnan, M.E., Ph.D.,
Principal

Indra Ganesan College of Engineering
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Value Added Course

"Introduction to Machine Learning"

SYLLABUS

S.NO	TOPIC COVERED	DURATION (in hours)	DATE
1	Introduction: A brief introduction to machine learning	3	01.08.2022
2	Supervised Learning	3	01.08.2022
3	Reinforcement Learning	3	02.08.2022
4	Probability theory	3	02.08.2022
5	Probability Basics 1& 2	3	03.08.2022
6	Linear Algebra 1&2	3	03.08.2022
7	Statistical theory	3	04.08.2022
8	Bias variance	3	04.08.2022
9	Linear Regression	3	04.08.2022
10	Exam	6	05.08.2022
	Total Hours (Excluding Exam)	30	05.08.2022

Balakrishnan
VAC Coordinator

Dr. G. Balakrishnan
Dr. G. Balakrishnan, M.E., Ph.D.,
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M.P. Srinivasan
HOD/ECE



Indra Ganesan

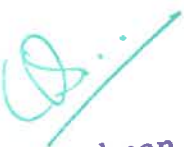
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Value Added Course

"Introduction to Machine Learning"

STUDENTS PARTICIPATION LIST

S.NO	REG NO	STUDENTS NAME	YEAR/ BRANCH
1	811218106001	ABINAYA R	IV/ECE
2	811218106002	AKILA K	IV/ECE
3	811218106004	ARTHI M	IV/ECE
4	811218106005	AZHAGU MEENA M	IV/ECE
5	811218106006	DEVI K	IV/ECE
6	811218106007	DHANALAKSHMI S	IV/ECE
7	811218106008	HARI KRISHNAN S	IV/ECE
8	811218106009	JANANI V	IV/ECE
9	811218106010	JENIFER C	IV/ECE
10	811218106011	JENIFER S	IV/ECE
11	811218106012	KESAVAMURTHI M	IV/ECE
12	811218106013	KIRUTHIKA S	IV/ECE
13	811218106015	MARIA FRANCIS D	IV/ECE
14	811218106016	RAGAVI A	IV/ECE
15	811218106017	RUTHRAMOORTHY M	IV/ECE
16	811218106018	SABARINATHAN K	IV/ECE
17	811218106019	SARMILA M	IV/ECE
18	811218106020	SUMATHI S	IV/ECE
19	811218106021	THIVYA PRIYA R	IV/ECE
20	811219106001	DAYANA P	III / ECE
21	811219106002	DEVIKA K	III / ECE
22	811219106003	DINESH J	III / ECE
23	811219106004	MOHANA SUNDARAM K	III / ECE
24	811219106005	RAVIKUMAR B	III / ECE
25	811219106006	SANTHANARAJ A	III / ECE
26	811219106008	SRIKANTH M	III / ECE
27	811219106009	SURENDRAN S	III / ECE
28	811219106010	SURYA V	III / ECE
29	811219106011	SWETHA K	III / ECE
30	811219106301	YUVASHREE S	III / ECE
31	811219106701	VIJAYALAKSHMI V	III / ECE
32	811219106702	PONNARASU S	III / ECE
33	811220106006	BANU PRIYA G	II / ECE
34	811220106008	BHARATHIDASAN C	II / ECE

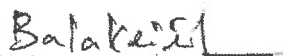

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S.NO	REG NO	STUDENTS NAME	YEAR/ BRANCH
35	811220106018	JANCY J	II / ECE
36	811220106019	JEEVASEN N	II / ECE
37	811220106021	KAMARAJ.S	II / ECE
38	811220106022	KARTHICK C	II / ECE
39	811220106023	KARTHIKA S	II / ECE
40	811220106025	KISHORE R	II / ECE
41	811220106026	KISHORE KUMAR M	II / ECE
42	811220106028	MANCY.E	II / ECE
43	811220106031	PRADHAP.J	II / ECE
44	811220106032	PRASANNAAJ	II / ECE
45	811220106033	PREETHIKA.M	II / ECE
46	811220106034	PREMALATHA.M	II / ECE
47	811220106037	SHRI HARINI PRIYA B	II / ECE
48	811220106038	SNEGA M	II / ECE
49	811220106039	SOBI AMIRTHA N	II / ECE
50	811220106041	SUNIL KUMAR B	II / ECE
51	811220106042	SUSILA N	II / ECE
52	811220106049	YOGA PRIYA.R	II / ECE


VAC Coordinator



HOD/ECE


Dr. G. Balakrishnan, M.A., Ph.D.
Principal

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REPORT ON VALUE ADDED COURSE

Title:	"Introduction to Machine Learning"				
Resource Person:	Ms. Shalom Jerlin , Technical Head, Hitakey Infosys Trichy				
Date of conduct from :	01.08.2022	To:	05.08.2022	Duration:	30 Hours
Organized Department :	Electronics and Communication Engineering				
Participant Year:	2,3,4	No. of Students Registered :	52		
Venue:	Online Link: ECE Seminar hall				

Outcome of Value Added Course (VAC): At the end of the Course, Students can be able to

- Understand different types of machine learning and map problems to different classes of machine learning algorithms
- Describe and apply machine-learning algorithms including decision trees, naïve Bayes, and logistic regression.
- Understand a wide variety of learning algorithms
- Understand how to evaluate models generated from data.
- Apply the algorithms to a real problem, optimize the models learned and report on the expected accuracy that can be achieved by applying the models.

Assessment Process

- Students, who are securing more than 70% on total score and secured more than 75% in attendance is eligible to receive the certificate for the VAC course conducted
- Total Score = (0.5 * Attendance in VAC out of 100 percentage + 0.5 * Test mark in VAC out of 100 marks)

Balakrishnan
VAC Coordinator

M. Shalom Jerlin
HoD/ECE

[Signature]
Principal

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SAMPLE PHOTOS OF VALUE ADDED COURSE

Title:	"Introduction to Machine Learning"				
Resource Person:	Ms. Shalom Jerlin , Technical Head, Hitakey Infosys Trichy				
Date of conduct from :	01.08.2022	To:	05.08.2022	Duration:	30 Hours
Organized Department :	Electronics and Communication Engineering				
Participant Year:	2,3,4	No. of Students Registered :	52		
Venue:	DSP Lab				

Sample photo



Balakrishnan
VAC Coordinator

M.P. Suresh
HoD/ECE

[Signature]
Principal

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Value Added Course

“Introduction to Machine Learning”


Name of the Student:

Year/Sem:

AU Register Number:

MULTIPLE CHOICE QUESTIONS (25X1 = 25 Marks)

1. Type of matrix decomposition model is
 - a) predictive model
 - b) descriptive model
 - c) logical model
 - d) None
2. PCA is_
 - a) backward feature selection
 - b) forward feature selection
 - c) feature extraction
 - d) None of these
3. Supervised learning and unsupervised clustering both require which is correct according to the statement
 - a) input attribute
 - b) hidden attribute
 - c) output attribute
 - d) categorical attribute
4. Following are the types of supervised learning.
 - a) regression
 - b) classification
 - c) subgroup discovery
 - d) All of above
5. A feature F1 can take certain value: A, B, C, D, E, & F and represents grade of students from a college. Here feature type is_
 - a) ordinal
 - b) nominal
 - c) categorical
 - d) boolean
6. Following is powerful distance metrics used by Geometric model_
 - a) manhattan distance
 - b) euclidean distance
 - c) All of above
 - d) None of above
7. The output of training process in machine learning is_
 - a) machine learning algorithm
 - b) Null
8. Which of the following is a good test dataset characteristic?
 - a) is representative of the dataset as a whole
 - b) large enough to yield meaningful results
 - c) All of above
 - d) None of the above
9. Which of the following techniques would perform better for reducing dimensions of a data set?
 - a) removing columns which have high variance in data
 - b) removing columns which have too many missing value
 - c) removing columns with dissimilar data trends
 - d) None of the above


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Value Added Course

"Introduction to Machine Learning"

10. What characterize is hyperplane in geometrical model of machine learning?
- a) a plane with 1 dimensional fewer than number of input attributes
 - b) a plane with 1 dimensional more than number of input attributes
 - c) a plane with 2 dimensional more than number of input attributes
 - d) a plane with 2 dimensional fewer than number of input attributes
11. You are given reviews of few Netflix series marked as positive, negative and neutral. Classifying reviews of a new netflix series is an example of
- a) unsupervised learning
 - b) semi supervised learning
 - c) supervised learning
 - d) reinforcement learning
12. Like the probabilistic view, the view allows us to associate a probability of membership with each classification
- a) deductive
 - b) exemplar
 - c) classical
 - d) inductive
13. The problem of finding hidden structure in unlabeled data is called
- a) unsupervised learning
 - b) reinforcement learning
 - c) supervised learning
 - d) None
14. If machine learning model output involves target variable then that model is called as
- a) predictive model
 - b) descriptive model
 - c) reinforcement learning
 - d) All of above
15. Database query is used to uncover this type of knowledge
- a) hidden
 - b) shallow
 - c) deep
 - d) multidimensional
16. Data used to build a data mining model.
- a) training data
 - b) hidden data
 - c) test data
 - d) validation data
17. Application of machine learning methods to large databases is called
- a) big data computing
 - b) artificial intelligence
 - c) data mining
 - d) internet of things
18. Which learning Requires Self-Assessment to identify patterns within data?
- a) supervised learning
 - b) unsupervised learning
 - c) semi supervised learning
 - d) reinforced learning

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Value Added Course

"Introduction to Machine Learning"

19. In simple term, machine learning is_
- a) prediction to answer a query
b) training based on historical data
c) All of above
d) None of above
20. Of the Following Examples, Which would you address using an supervised learning Algorithm?
- a) given a set of news articles found on the web, group them into set of articles about the same story
b) given email labeled as spam or not spam, learn a spam filter
c) given a database of customer data, automatically discover market segments and group customers into different market segments
d) find the patterns in market basket analysis
21. If machine learning model output doesn't involves target variable then that model is called as_
- a) predictive model
b)descriptive model
c) reinforcement learning
d) all of the above
22. In what type of learning labelled training data is used_
- a)supervised learning
b) unsupervised learning
c) reinforcement learning
d) active learning
23. In the example of predicting number of babies based on stork's population ,Number of babies is_
- a)feature
b) observation
c) outcome
d) attribute
24. Following are the descriptive models_
- a) classification
b) clustering
c) association rule
d) Both 1 and 2
25. In following type of feature selection method we start with empty feature set
- a) backward feature selection
b) forward feature selection
c) All of above
d) None of above


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Value Added Course

“Introduction to Machine Learning”

ANSWER KEY

1	c	6	d	11	c	16	d	21	b
2	a	7	d	12	b	17	d	22	d
3	a	8	a	13	a	18	c	23	a
4	b	9	d	14	c	19	c	24	b
5	a	10	c	15	d	20	a	25	b


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Value Added Course

"Introduction to Machine Learning"

19
25


Name of the Student: Santhanasaj. A

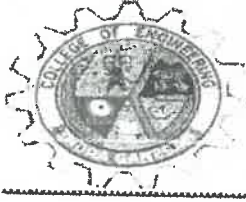
Year/Sem: III / VI

AU Register Number: 811219106006

MULTIPLE CHOICE QUESTIONS (25X1 = 25 Marks)

- Type of matrix decomposition model is
 - predictive model
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 - logical model ✓
 - None
- PCA is
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 - nominal
 - categorical
 - boolean
- Following is powerful distance metrics used by Geometric model
 - manhattan distance
 - euclidean distance
 - All of above
 - None of above ✓
- The output of training process in machine learning is
 - machine learning algorithm
 - machine learning model ✓
 - Null
 - accuracy
- Which of the following is a good test dataset characteristic?
 - is representative of the dataset as a whole ✓
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 - All of above
 - None of the above
- Which of the following techniques would perform better for reducing dimensions of a data set?
 - removing columns which have high variance in data
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- d) multidimensional

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Value Added Course

"Introduction to Machine Learning"

Name of the Student: Sarmila M

Year/Sem: IV / VII

AU Register Number: 811218106019

24
25

MULTIPLE CHOICE QUESTIONS (25X1 = 25 Marks)

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 - logical model ✓
 - None
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10. What characterizes a hyperplane in geometrical model of machine learning?

- a) a plane with 1 dimensional fewer than number of input attributes
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- c) a plane with 2 dimensional more than number of input attributes
- d) a plane with 2 dimensional fewer than number of input attributes

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c) supervised learning

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b) exemplar

c) classical

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14. If machine learning model output involves target variable then that model is called as

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b) descriptive model

c) reinforcement learning

d) All of above

15. Database query is used to uncover this type of knowledge

a) hidden

b) shallow

c) deep

d) multidimensional

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a) training data

b) hidden data

c) test data

d) validation data

17. Application of machine learning methods to large databases is called

a) big data computing

b) artificial intelligence

c) data mining

d) internet of things

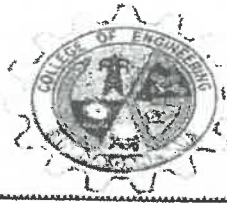
18. Which learning Requires Self-Assessment to identify patterns within data?

a) supervised learning

b) unsupervised learning

c) semi supervised learning


d) reinforced learning



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19. In simple term, machine learning is
- a) prediction to answer a query
 - b) training based on historical data
 - c) All of above
 - d) None of above
20. Of the Following Examples. Which would you address using an supervised learning Algorithm?
- a) given a set of news articles found on the web. group them into set of articles about the same story
 - b) given email labeled as spam or not spam. learn a spam filter
 - c) given a database of customer data, automatically discover market segments and group customers into different market segments
 - d) find the patterns in market basket analysis
21. If machine learning model output doesn't involves target variable then that model is called as
- a) predictive model
 - b) descriptive model
 - d) all of the above
 - c) reinforcement learning
22. In what type of learning labelled training data is used
- a) supervised learning
 - b) unsupervised learning
 - d) active learning
 - c) reinforcement learning
23. In the example of predicting number of babies based on stork's population, Number of babies is
- a) feature
 - b) observation
 - c) outcome
 - d) attribute
24. Following are the descriptive models
- a) classification
 - b) clustering
 - c) association rule
 - d) Both 1 and 2
25. In following type of feature selection method we start with empty feature set
- a) backward feature selection
 - b) forward feature selection
 - c) All of above
 - d) None of above


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Department of Electronics and Communication Engineering

Academic Year 2021-2022 – Even Semester

STUDENTS ATTENDANCE LIST

Value Added Course

“Introduction to Machine Learning”


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Manikandam, Trichy-620 012.

S.N O	REG NO	STUDENTS NAME	YEAR/ BRANC H	01.08.2022		02.08.2022		03.08.2022		04.08.2022		05.08.2022		NO OF SESSIONS ATTENDE D	SIGN OF THE STUDENT
				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN		
1	811218106001	ABINAYA R	IV/ECE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Abinaya R
2	811218106002	AKILA K	IV/ECE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	K. Akila
3	811218106004	ARTHI M	IV/ECE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	H. Arthi
4	811218106005	AZHAGU MEENA M	IV/ECE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	M. Azha
5	811218106006	DEVI K	IV/ECE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Meena
6	811218106007	DHANALAKSHMI S	IV/ECE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	9	Devi
7	811218106008	HARI KRISHNAN S	IV/ECE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	S. Hari
8	811218106009	JANANI V	IV/ECE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	J. Janani
9	811218106010	JENIFER C	IV/ECE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	C. Jenifer
10	811218106011	JENIFER S	IV/ECE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	S. Jenifer
11	811218106012	KESAVAMURTHI M	IV/ECE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	M. Kesava
12	811218106013	KIRUTHIKA S	IV/ECE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	S. Kiruthika
13	811218106015	MARIA FRANCIS D	IV/ECE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	D. Maria
14	811218106016	RAGAVIA	IV/ECE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	R. Ragavi



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				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN		
15	811218106017	RUTHRAMOORTHY M	IV/ECE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Ravi
16	811218106018	SABARINATHAN K	IV/ECE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Sabar
17	811218106019	SARMILA M	IV/ECE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Sarmi
18	811218106020	SUMATHI S	IV/ECE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Sumathi
19	811218106021	THIVYA PRIYA R	IV/ECE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Thivya Priya R
20	811219106001	DAYANA P	III / ECE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Dayana P
21	811219106002	DEVIKA K	III / ECE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Devika K
22	811219106003	DINESH J	III / ECE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	J. Dinesh
23	811219106004	MOHANA SUNDARAM K	III / ECE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Maheswari K
24	811219106005	RAVIKUMAR B	III / ECE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	9	Ravikumar
25	811219106006	SANTHANARAJ A	III / ECE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Santhanaraj A
26	811219106008	SRIKANTH M	III / ECE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Srikanth
27	811219106009	SURENDRAN S	III / ECE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Suren
28	811219106010	SURYA V	III / ECE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Surya V
29	811219106011	SWETHA K	III / ECE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Swetha K
30	811219106301	YUVASHREE S	III / ECE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Yuvashree S
31	811219106701	VIJAYALAKSHMI V	III / ECE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Vijayalakshmi V
32	811219106702	PONNARASU S	III / ECE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Ponnarasu S
33	811220106006	BANU PRIYA G	II / ECE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Banu Priya G
34	811220106008	BHARATHIDASAN C	II / ECE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Bharathidasan C
35	811220106018	JANCY J	II / ECE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	9	Jancy J
36	811220106019	JEEVASEN N	II / ECE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	9	Jeevasen N

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				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN		
37	811220106021	KAMARAJ.S	II / ECE	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Kamaraj	
38	811220106022	C.KARTHICK	II / ECE	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	C. Karthick	
39	811220106023	S.KARTHIKA	II / ECE	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	S. Karthika	
40	811220106025	KISHORE R	II / ECE	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Kishore R	
41	811220106026	M. KISHORE KUMAR	II / ECE	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	M. Kishore Kumar	
42	811220106028	MANCY.E	II / ECE	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Mancy.E	
43	811220106031	PRADHAP.J	II / ECE	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	J. Pradhapa	
44	811220106032	PRASANNA.AJ	II / ECE	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Prasanna	
45	811220106033	PREETHIKA.M	II / ECE	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Preethika.M	
46	811220106034	PREMALATHA.M	II / ECE	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Preethika.M	
47	811220106037	SHRI HARINI PRIYA B	II / ECE	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	B. Sri Harini Priya	
48	811220106038	M.SNEGA	II / ECE	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Shreya	
49	811220106039	N.SOBI AMIRTHA	II / ECE	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	N. Sobhi Amirtha	
50	811220106041	SUNIL KUMAR B	II / ECE	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Sunil Kumar B	
51	811220106042	SUSILA N	II / ECE	✓	✓	✓	✓	✓	✓	✓	✓	✓	9	Susila.N	
52	811220106049	YOGA PRIYA.R	II / ECE	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Yoga priya	


VAC Coordinator


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Department of Electronics and Communication Engineering

Academic Year 2021-2022 – Even Semester

VALUE ADDED COURSE ASSESMENT SHEET

Introduction to Machine Learning

S.NO	REG NO	STUDENTS NAME	YEAR/ BRANCH	Attendance Details		VAC-MCQ TEST		OVERALL MARK(100) (50% of A + 50% of B)
				No. of Session Attended	Attendance Mark(100) (A)	No of Correct Answers	MCQ Mark(100) (B)	
1	811218106001	ABINAYA R	IV / ECE	30	100	24	96	98
2	811218106002	AKILA K	IV / ECE	30	100	25	100	100
3	811218106004	ARTHI M	IV / ECE	30	100	23	92	96
4	811218106005	AZHAGU MEENA M	IV / ECE	30	100	23	92	96
5	811218106006	DEVI K	IV / ECE	27	90	18	72	81
6	811218106007	DHANALAKSHMI S	IV / ECE	30	100	21	84	92
7	811218106008	HARI KRISHNAN S	IV / ECE	30	100	20	80	90
8	811218106009	JANANI V	IV / ECE	30	100	23	92	96
9	811218106010	JENIFER C	IV / ECE	30	100	24	96	98
10	811218106011	JENIFER S	IV / ECE	30	100	25	100	100
11	811218106012	KESAVAMURTHI M	IV / ECE	30	100	23	92	96



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S.NO	REG NO	STUDENTS NAME	YEAR/ BRANCH	Attendance Details		VAC-MCQ TEST		OVERALL MARK(100) (50% of A + 50% of B)
				No. of Session Attended	Attendance Mark(100) (A)	No of Correct Answers	MCQ Mark(100) (B)	
12	811218106013	KIRUTHIKA S	IV / ECE	30	100	22	88	94
13	811218106015	MARIA FRANCIS D	IV / ECE	30	100	24	96	98
14	811218106016	RAGAVI A	IV / ECE	30	100	24	96	98
15	811218106017	RUTHRAMOORTHY M	IV / ECE	30	100	22	88	94
16	811218106018	SABARINATHAN K	IV / ECE	30	100	20	80	90
17	811218106019	SARMILA M	IV / ECE	30	100	24	96	98
18	811218106020	SUMATHI S	IV / ECE	30	100	20	80	90
19	811218106021	THIVYA PRIYA R	IV / ECE	30	100	20	80	90
20	811219106001	DAYANA P	III / ECE	30	100	20	80	90
21	811219106002	DEVIKA K	III / ECE	30	100	20	80	90
22	811219106003	DINESH J	III / ECE	30	100	19	76	88
23	811219106004	MOHANA SUNDARAM K	III / ECE	30	100	21	84	92
24	811219106005	RAVIKUMAR B	III / ECE	30	100	18	72	86
25	811219106006	SANTHANARAJ A	III / ECE	27	90	19	76	83
26	811219106008	SRIKANTH M	III / ECE	30	100	17	68	84
27	811219106009	SURENDRAN S	III / ECE	30	100	20	80	90
28	811219106010	SURYA V	III / ECE	30	100	20	80	90
29	811219106011	SWETHA K	III / ECE	30	100	20	80	90

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				No. of Session Attended	Attendance Mark(100) (A)	No of Correct Answers	MCQ Mark(100) (B)	
	811219106301	YUVASHREE S	III / ECE					
31	811219106701	VIJAYALAKSHMI V	III / ECE	30	100	19	76	88
32	811219106702	PONNARASU S	III / ECE	30	100	21	84	92
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36	811220106019	JEEVASEN N	II / ECE	30	100	17	68	84
37	811220106021	KAMARAJ.S	II / ECE	27	90	20	80	85
38	811220106022	C.KARTHICK	II / BCE	30	100	20	80	90
39	811220106023	S.KARTHIKA	II / ECE	30	100	19	76	88
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41	811220106026	M. KISHORE KUMAR	II / ECE	30	100	18	72	86
42	811220106028	MANCY.E	II / ECE	30	100	19	76	88
43	811220106031	PRADHAP.J	II / ECE	30	100	23	92	96
44	811220106032	PRASANNA.A.J	II / ECE	30	100	17	68	84
45	811220106033	PREETHIKA.M	II / ECE	30	100	20	80	90
46	811220106034	PREMALATHA.M	II / ECE	30	100	20	80	90
47	811220106037	SHRI HARINI PRIYA B	II / ECE	30	100	20	80	90
48	811220106038	SNEGA M	II / ECE	30	100	23	92	96
			II / ECE	30	100	17	68	84



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				No. of Session Attended	Attendance Mark(100) (A)	No of Correct Answers	MCQ Mark(100) (B)	
49	811220106039	SOBI AMIRTHA	II / ECE	30	100	18	72	86
50	811220106041	SUNIL KUMAR B	II / ECE	30	100	19	76	88
51	811220106042	SUSILA N	II / ECE	27	90	23	92	91
52	811220106049	YOGA PRIYA.R	II / ECE	30	100	17	68	84

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CERTIFICATE OF PARTICIPATION

This is to certify that Ms. KIRUTHIKA S , IV Year, ECE has successfully completed the Value Added Course on “Introduction to Machine Learning” organized by Department of Electronics & Communication Engineering and IQAC of our Institution in Association with Hitakey Infosys from 01st August 2022 to 05th August 2022 (5 days) during the Academic year 2021-2022.

Ms. Shalom Jerlin,
Hitakey Infosys ,
Technical Head,
Trichy

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Ms. Shalom Jerlin,
Hitakey Infosys ,
Technical Head,
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This is to certify that Ms. ABINAYA R , IV Year, ECE has successfully completed the Value Added Course on “Introduction to Machine Learning” organized by Department of Electronics & Communication Engineering and IQAC of our Institution in Association with Hitakey Infosys from 01st August 2022 to 05th August 2022 (5 days) during the Academic year 2021-2022.

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Hitakey Infosys ,
Technical Head,
Trichy

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Hitakey Infosys ,
Technical Head,
Trichy

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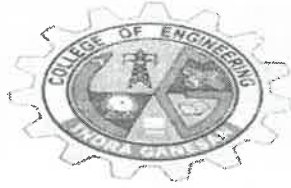
CERTIFICATE OF PARTICIPATION

This is to certify that Ms. RAGAVI A , IV Year, ECE has successfully completed the Value Added Course on “Introduction to Machine Learning” organized by Department of Electronics & Communication Engineering and IQAC of our Institution in Association with Hitakey Infosys from 01st August 2022 to 05th August 2022 (5 days) during the Academic year 2021-2022.

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This is to certify that Ms. THIVYA PRIYA R , IV Year, ECE has successfully completed the Value Added Course on “Introduction to Machine Learning” organized by Department of Electronics & Communication Engineering and IQAC of our Institution in Association with Hitakey Infosys from 01st August 2022 to 05th August 2022 (5 days) during the Academic year 2021-2022.

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This is to certify that Mr. MOHANA SUNDARAM K , III Year, ECE has successfully completed the Value Added Course on “Introduction to Machine Learning” organized by Department of Electronics & Communication Engineering and IQAC of our Institution in Association with Hitakey Infosys from 01st August 2022 to 05th August 2022 (5 days) during the Academic year 2021-2022.

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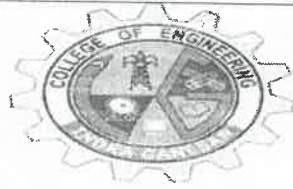
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This is to certify that Ms. VIJAYA LAKSHMI V , III Year, ECE has successfully completed the Value Added Course on “Introduction to Machine Learning” organized by Department of Electronics & Communication Engineering and IQAC of our Institution in Association with Hitakey Infosys from 01st August 2022 to 05th August 2022 (5 days) during the Academic year 2021-2022.

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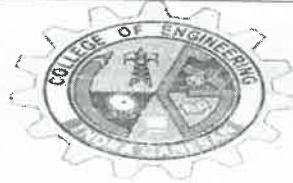
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This is to certify that Ms. BANUPRIYA G , II Year, ECE has successfully completed the Value Added Course on “Introduction to Machine Learning” organized by Department of Electronics & Communication Engineering and IQAC of our Institution in Association with Hitakey Infosys from 01st August 2022 to 05th August 2022 (5 days) during the Academic year 2021-2022.

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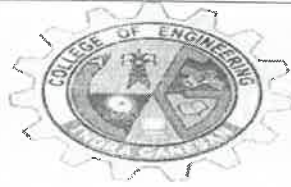
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This is to certify that Ms. PREMALATHA M , II Year, ECE has successfully completed the Value Added Course on “Introduction to Machine Learning” organized by Department of Electronics & Communication Engineering and IQAC of our Institution in Association with Hitakey Infosys from 01st August 2022 to 05th August 2022 (5 days) during the Academic year 2021-2022.

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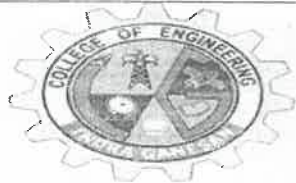
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This is to certify that Ms. DAYANA P, III Year, ECE has successfully completed the Value Added Course on “Introduction to Machine Learning” organized by Department of Electronics & Communication Engineering and IQAC of our Institution in Association with Hitakey Infosys from 01st August 2022 to 05th August 2022 (5 days) during the Academic year 2021-2022.

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