

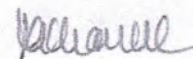
**Hindustan College of Science & Technology Farah,**  
**Mathura**  
**Department of Computer Science & Engineering**

Date: 22/01/2022

**NOTICE**

**Subject: Notice Regarding Value Added Course Registration**

All students are hereby informed that registration of Value Added Course(VAC) will start from 24/01/2022 to 31/01/2022 in the department of CSE (Contact Person: Mr. Yogesh Sharma).



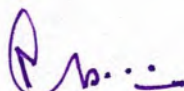
HOD

Head

Dept. of Computer Science & Engineering  
Hindustan College of Science & Technology  
Farah, Mathura

(Dr. Munish Chandra)

Computer Science and Engineering



Director

Hindustan College of  
Science & Technology  
FARAH (MATHURA)





HINDUSTAN COLLEGE OF SCIENCE & TECHNOLOGY,  
FARAH -MATHURA



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

*Value Added Course*

*VAC-21-22 VCS2204 Introduction to Artificial Intelligence & Applied  
Machine learning (Practical oriented)*

*2<sup>nd</sup> Feb '2022 – 27<sup>th</sup> May 2022- Every Saturday: 3:10 PM – 04:50 PM*

*Students From Any Branch Can Join the Course*



By

*Dr. Munish Khanna*

*Associate Professor, Computer Science & Engineering*

*Research Interest: Application of Artificial Intelligence Techniques on  
Software systems and Medical image analysis*

Registration Dates

24<sup>th</sup> Jan 2022 – 31<sup>th</sup> Jan 2022

For Registration: Please contact

Mr. Yogesh Sharma, Office Staff, Department of CSE

*K. K. Khanna*  
Head  
Dept. of Computer Science & Engg.  
Hindustan College of Science & Technology  
Farah, Mathura

*P. S. Sharma*  
Director  
Hindustan College of  
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**Course Syllabus**

**Course Objectives**

The main objective of this value added course are as follows:

1. Provide theoretical and conceptual understanding on regression classification and clustering machine learning algorithm such as linear and logistic regression, regularization, probabilistic inference, SVM and neural network, clustering and dimensionality reduction .
2. Provide hands on implementation experience in building these machine learning algorithm using Python and Sklearn modules .
3. Implementation of a capstone project- To study or devise an innovative solution for a real world problem.

Units	Details	Course Out comes
1	Introduction to Artificial Intelligence : Structure of Intelligent Agent, Natural Language processing, Introduction to search technique, Artificial Intelligence vs Machine Learning, Local Search algorithm and optimistic problem, Min-Max Algorithm, Alpha-Beta Pruning, Regression: Linear Regression and Logistic Regression .	CO1
2	Knowledge Representation, Propositional Logic, Inference in first order logic, Utility Theory, Bayes theorem, Bayes Optimal Classifier, Naïve Bayes Classifier, EM algorithm .	CO2
3	Hidden Markov Model (HMM), Understanding of Machine learning, Types of learning well defined learning problems, designing a learning system.	CO3
4	SVM classifier, ANN, Decision tree, Entropy and information theory, information gain, ID-3 algorithm, Statistical learning model, learning with hidden data/ complete data models.	CO4
5	Perceptron's multilayer perceptron, gradient descent and the delta rule, Multilayer networks, derivation of back propagation algorithm, clustering k- means, Classification techniques, Pattern recognition system and its principles.	CO5

*P. Chandra*

Head

Dept. of Computer Science & Engg.  
Hindustan College of Science & Technology

*P. Chandra*  
Director

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING  
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*2<sup>nd</sup> Feb '2022 – 27<sup>th</sup> May 2022- Every Saturday: 3:10 PM – 04:50 PM*

**Course Outcomes** *Students From Any Branch Can Join the Course* **CO-PO & CO-PSO Mappings**

- CO1 Understand the mathematical and statistical prospective of machine learning through python programming
- CO2 Design and Evaluate the supervised models through python/ Sklearn functions.
- CO3 Design and Evaluate the Un-supervised models through python/ Sklearn functions.
- CO4 Design and apply various reinforcement algorithm to solve real time complex problems.
- CO5 Understand the basic concepts of deep neural network model and design the same.

COS	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	2	3											2		
CO2	1	3											2		
CO3	2	2		3						2	2	2	2		
CO4		3	2	3						2	2	2		3	
CO5		2	2	3	2									3	
Average	2	3	2	3						2	2	2	2	3	

**Evaluation Criteria: 1. Evaluation of Practical assignments, Group project, Viva/Quiz**

*Yadav*  
Head  
Dept. of Computer Science & Engg.  
Hindustan College of Science & Technology  
Farah, Mathura

*P. S. S.*  
Director  
Hindustan College of  
Science & Technology  
FARAH (MATHURA)





HINDUSTAN COLLEGE OF SCIENCE & TECHNOLOGY, FARAH -MATHURA  
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING



*Value Added Course*  
*VAC-21-22 VCS2204 Introduction to Artificial Intelligence & Applied Machine learning*  
*(Practical oriented)*  
*2<sup>nd</sup> Feb '2022 – 27<sup>th</sup> May 2022- Every Saturday: 3:10 PM – 04:50 PM*

Program Schedule

*Students From Any Branch Can Join the Course*

	Date	Time	No of Lectures	Session Topic	Resource Person
1	02-02-2022	3:10 PM - 4:50 PM	2	Introduction to Artificial Intelligence	Dr.Munish Khanna
2	12-02-2022	3:10 PM - 4:50 PM	2	Knowledge representation	Dr.Munish Khanna
3	19-02-2022	3:10 PM - 4:50 PM	2	Naïve Bayes classifier	Dr.Munish Khanna
4	26-02-2022	3:10 PM - 4:50 PM	2	Optimistic Problem	Dr.Munish Khanna
5	05-03-2022	3:10 PM - 4:50 PM	2	Understanding of Machine learning	Dr.Munish Khanna
6	12-03-2022	3:10 PM - 4:50 PM	2	SVM classifier	Dr.Munish Khanna
7	26-03-2022	3:10 PM - 4:50 PM	2	ANN	Dr.Munish Khanna
8	02-04-2022	3:10 PM - 4:50 PM	2	Designing a learning system,	Dr.Munish Khanna
9	09-04-2022	3:10 PM - 4:50 PM	2	Semantic Web,	Dr.Munish Khanna
10	16-04-2022	3:10 PM - 4:50 PM	2	Perceptron and muti-layer, Back propagation algorithm	Dr.Munish Khanna
11	23.04.2022	3:10PM - 4:50PM	2	Entropy and information theory, information gain,	Dr.Munish Khanna
12	30-04-2022	3:10 PM - 4:50 PM	2	Perceptron and muti-layer, Back propagation algorithm	Dr.Munish Khanna
13	05.05.2022	3:10 PM - 4:50 PM	2	Gradient descent and the delta rule, Semantic Net	Dr.Munish Khanna
14	06.05.2022	3:10 PM - 4:50 PM	2	Pattern recognition system	Dr.Munish Khanna

*M. K. Khanna*

Head  
Dept. of Computer Science & Engg.  
Hindustan College of Science & Technology  
Farah, Mathura

*P. B. Singh*  
Director

Hindustan College of  
Science & Technology  
FARAH (MATHURA)





Program Schedule

HINDUSTAN COLLEGE OF SCIENCE & TECHNOLOGY, FARAH -  
MATHURA

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

*Value Added Course*

*VAC-21-22 VCS2204 Introduction to Artificial Intelligence & Applied  
Machine learning (Practical oriented)*

*2<sup>nd</sup> Feb '2022 – 27<sup>th</sup> May 2022- Every Saturday: 3:10 PM – 04:50 PM*



*Students From Any Branch Can Join the Course*

Session	Date	Time	No of Lectures	Session Topic	Resource Person
15	07.05.2022	3:10 PM - 4:50 PM	2	Gradient descent and the delta rule, Semantic Net	Dr.Munish Khanna
16	20.05.2022	3:10 PM - 4:50 PM	2	Statistical learning model, SVM,	Dr.Munish Khanna
17	21.05.2022	3:10 PM - 4:50 PM	2	Classification Techniques	Dr.Munish Khanna
18	23.05.2022	3:10 PM - 4:50 PM	2	SVM Classifier,	Dr.Munish Khanna
Total Number of Lectures covered			36 (30 Hrs)		

*Kachonul*  
Head  
Dept. of Computer Science & Engg.  
Hindustan College of Science & Technology  
Farah, Mathura

*P. Ch...*  
Director  
Hindustan College of  
Science & Technology  
FARAH (MATHURA)




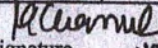
**Hindustan College of Science and Technology - Mathura**

**Computer Science and Engineering Department**

**CLASS TIME TABLE EVEN SEMESTER 2021-22**

SESSION:	FEB 22- JUNE 22		W.E.F 8/03/2022	CLASS TEACHER:	MR LAW KUMAR SINGH			
YEAR/SEM-SEC:	III/VI-A		R.206					
TIME / Day	I	II	III	IV	V	VI	VII	
	10:10 - 11:00	11:00 - 11:50	11:50 - 12:40	12:40 - 01:30	1:30-02:20	02:20-3:10	03:10 - 04:00	04:00 - 04:50
MONDAY	ICTS	WT	IP	IBM	B	SE T A2	DIP LAB A1# LAB 3	
						WT T A1	CN LAB A2 # LAB 2	
TUESDAY	ICTS	IP	CN	IBM	R	WT	LIBRARY/COUNSELLING	
WEDNESDAY	ICTS	WT	CN	CN T A1 IP T A2	E	LIBRARY	INTRODUCTION TO AI & ML	
THURSDAY	IBM**	SE	WT LAB A1# LAB 7 SE LAB A2 # LAB 1		A	WT T A2 IP T A1	**SE T A1 CN T A2	COUNSELLING
FRIDAY	IP	PDP		CN	K	SE	CN LAB A1# LAB 2	
								DIP LAB A2 # LAB 3
SATURDAY	WT	IP	CN	IBM		SE	SE LAB A1# LAB 1 WT LAB A2 # LAB 7	
<b>Name of the Subject</b>			<b>Subject Code</b>		<b>Name of the Faculty Member</b>			
Software Engineering			KCS 601		MRS POONAM SINGH			
Computer Network			KCS 603		MRS BHUPPRABHA BHARTI			
Web Technology			KCS 602		MRS SAPNA SHARMA			
Digital Image Processing			KCS 062		MR LAW KUMAR SINGH			
Indian Tradition, Culture and Society			KNC 602		DR ARCHANA GAUTAM			
IDEA TO BUSINESS MODEL			KOE 060		MR DILIP JOHRI			
<b>PRACTICAL</b>								
Software Engineering Lab			KCS 651		MRS POONAM SINGH			
Computer Network Lab			KCS 653		MR GAURAV PANDEY			
Web Technology Lab			KCS 652		MS SAPNA SHARMA			
INTRODUCTION TO AI & ML			VCS2102		DR. MUNISH KHANNA			

Signature   
Time Table Incharge

Signature   
Head of the Department  
Dept. of Computer Science & Engg.  
Hindustan College of Science & Technology  
Farah, Mathura

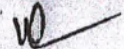
  
Director  
Hindustan College of  
Science & Technology  
FARAH (MATHURA)

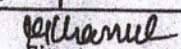


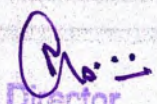
**Hindustan College of Science and Technology - Mathura**  
**Computer Science and Engineering Department**

**CLASS TIME TABLE EVEN SEMESTER 2021-22**

SESSION:	FEB 22- JUNE 22		W.E.F 8/03/2022	CLASS TEACHER:	MR LAW KUMAR SINGH			
YEAR/SEM-SEC:	III/VI-B		ROOM.NO : 222					
T0e / Day	I	II	III		IV	V	VI	VII
	10:10 - 11:00	11:00 - 11:50	11:50 - 12:40	12:40 - 01:30	1:30-02:20	02:20-3:10	03:10 - 04:00	04:00 - 04:50
MONDAY	CN	ICTS	SE	IBM	B	IP	SE T B2	LIB/COUSELLING
TUESDAY	CN	ICTS	SE	IBM		R	CN T B2	
WEDNESDAY	IBM	PDP		WT	E	IP T B1	DIP LAB B2 # LAB 3	INTRODUCTION TO AI & ML
THURSDAY	WT	IBM	IP	CN		A	INTRODUCTION TO AI & ML	
FRIDAY	WT	IP	WT LAB B1# LAB 7		K	CN T B1	WT LAB B2 # LAB 1	CN LAB A2 # LAB 2
SATURDAY	IP	WT	SE	SE T B1		IP T B2	CN	
				WT T B2			CN LAB B1# LAB 2	
<b>Name of the Subject</b>		<b>Subject Code</b>		<b>Name of the Faculty Member</b>				
Software Engineering		KCS 601		MRS POONAM SINGH				
Computer Network		KCS 603		MRS BHUPRABHA BHARTI				
Web Technology		KCS 602		MRS SAPNA SHARMA				
Image Processing		KCS 062		MR LAW KUMAR SINGH				
Indian Tradition, Culture and Society		KNC 602		DR ARCHANA GAUTAM				
IBM		KOE 060		MR KAPIL GUPTA				
<b>PRACTICAL</b>								
Software Engineering Lab		KCS 651		MRS POONAM SINGH				
Computer Network Lab		KCS 653		MR GAURAV PANDEY				
Web Technology Lab		KCS 652		MS SAPNA SHARMA				
INTRODUCTION TO AI & ML		VCS2102		DR. MUNISH KHANNA				

Signature   
 Time Table Incharge

  
 Signature  
 Head of the Department  
 Dept. of Computer Science & Engg.  
 Hindustan College of Science & Technology  
 Farah, Mathura

  
 Director  
 Hindustan College of  
 Science & Technology  
 FARAH (MATHURA)



HINDUSTAN COLLEGE OF SCIENCE & TECHNOLOGY, FARAH - MATHURA

COMPUTER SCIENCE & ENGINEERING DEPARTMENT

Value Added Course -Registration Form

Course Name & Code: -Introduction to Artificial Intelligence & Applied Machine Learning

Session 2021 - 2022

Sl. No	Roll No	Name	Department	Semester	Signature of the Student
1	1900640100003	Abhvya Pachauri	CSE	6th	AB
2	1900640100004	Akansha Rawat	CSE	6th	AK
3	1900640100005	Akash Yadav	CSE	6th	AKASH
4	1900640100006	Amaan Ahmed	CSE	6th	AM
5	1900640100007	Aman Kumar	CSE	6th	AM
6	1900640100008	Amit Kumar Saini	CSE	6th	AM
7	1900640100009	Ankit Sharma	CSE	6th	ANKIT
8	1900640100010	Arendra Kumar	CSE	6th	ARE
9	1900640100011	Ashutosh Yadav	CSE	6th	ASH
10	1900640100012	Avendra Pratap Si	CSE	6th	AV
11	1900640100014	Bhumika Mishra	CSE	6th	BM
12	1900640100015	Deepanshu Gupta	CSE	6th	DEE
13	1900640100017	Harsh Baghel	CSE	6th	HAR
14	1900640100019	Harshit Gupta	CSE	6th	HAR
15	1900640100020	Himanshu Gupta	CSE	6th	HIM
16	1900640100021	Himanshu Upadhyay	CSE	6th	HIM
17	1900640100022	Himanshu Kumar P	CSE	6th	HIM
18	1900640100023	Himesh Bhardwaj	CSE	6th	HIM
19	1900640100024	Kashish Gupta	CSE	6th	KASH
20	1900640100025	Keshav Tamori	CSE	6th	KESH
21	1900640100026	Kush Sehra	CSE	6th	KUSH
22	1900640100027	Lalit Bharadwaj	CSE	6th	LAL
23	1900640100028	Love Sehra	CSE	6th	LOVE
24	1900640100029	Lovely	CSE	6th	LOVE
25	1900640100030	Mohd Moiz Quresh	CSE	6th	MOIZ
26	1900640100032	Naman Tiwari	CSE	6th	NAMA
27	1900640100033	Nidhi Pathak	CSE	6th	NIDHI
28	1900640100034	Nikhil Raghav	CSE	6th	NIKH
29	1900640100035	Om Goyal	CSE	6th	OM
30	1900640100037	Piyush Kumar	CSE	6th	PIYU
31	1900640100038	Pooja Singh	CSE	6th	POOJA
32	1900640100039	Prakhar	CSE	6th	PRAK
33	1900640100040	Pranjal Agarwal	CSE	6th	PRAN
34	1900640100041	Prashant Chaudha	CSE	6th	PRA
35	1900640100042	Prashant Saraswat	CSE	6th	PRA
36	1900640100043	Prashant Srivastava	CSE	6th	PRA
37	1900640100044	Prateek Jain	CSE	6th	PRA

*(Signature)*

Director

Hindustan College of  
Science & Technology  
FARAH (MATHURA)

*(Signature)*

Head  
Dept. of Computer Science & Engg.  
Hindustan College of Science & Technology  
Farah, Mathura



38	1900640100045	Preeti Ojha	CSE	6th	Pan
39	1900640100046	Prem Kumar Sharm	CSE	6th	PKShr
40	1900640100047	Priyanshi Agarwal	CSE	6th	Priyanshi
41	1900640100048	Rachit Saxena	CSE	6th	Rachit
42	1900640100050	Rahul Kumar	CSE	6th	Rahul
43	1900640100052	Rohan	CSE	6th	Rohan
44	1900640100053	Rohit Kumar	CSE	6th	Rohit
45	1900640100054	Sanjana Agarwal	CSE	6th	Sanjana
46	1900640100055	Shahid Khan	CSE	6th	Shahid
47	1900640100056	Shashank Pratap Si	CSE	6th	Shashank
48	1900640100057	Shikha Singh	CSE	6th	Shikha
49	1900640100058	Shikhar Singh	CSE	6th	Shikhar
50	1900640100059	Shikhar Singh	CSE	6th	Shikhar
51	1900640100060	Shivam Agarwal	CSE	6th	Shivam
52	1900640100061	Shivang Bhardwaj	CSE	6th	Shivang
53	1900640100062	Shivansh Awasthi	CSE	6th	Shivansh
54	1900640100063	Shobhit Chaurasia	CSE	6th	Shobhit
55	1900640100064	Shobhit Mudgal	CSE	6th	Shobhit
56	1900640100065	Shourya Verma	CSE	6th	Shourya
57	1900640100066	Siddharth Singh	CSE	6th	Siddharth
58	1900640100067	Somya Sharma	CSE	6th	Somya
59	1900640100068	Sonam Malaniya	CSE	6th	Sonam
60	1900640100069	Soniya Tarkar	CSE	6th	Soniya
61	1900640100070	Srashti Tripathi	CSE	6th	Srashti
62	1900640100071	Suraj Pratap Singh	CSE	6th	Suraj
63	1900640100072	Surendra Singh	CSE	6th	Surendra
64	1900640100073	Suyash Garg	CSE	6th	Suyash
65	1900640100074	Vishal Kumar	CSE	6th	Vishal
66	1900640100075	Yash Lavaniya	CSE	6th	Yash
67	1900640100076	Yash Shrivastav	CSE	6th	Yash
68	1900640100077	Yash Goyal	CSE	6th	Yash
69	1900640100078	Yatin Agarwal	CSE	6th	Yatin
70	1901260100001	Aditya Singh	CSE	6th	Aditya
71	1901260100002	Ajay Kumar Patel	CSE	6th	Ajay
72	1901260100004	Ali Abbas	CSE	6th	Ali
73	1901260100010	Deepak Dubey	CSE	6th	Deepak
74	1901260100011	Deepak Singh	CSE	6th	Deepak
75	1901260100013	Harsh Jadon	CSE	6th	Harsh
76	1901260100014	Ashi Tyagi	CSE	6th	Ashi
77	1901260100015	Keerti Pathrol	CSE	6th	Keerti
78	1901260100016	Konica	CSE	6th	Konica
79	1901260100017	Km Mohinee	CSE	6th	Km Mohinee
80	1901260100025	Mohd Dastgeer	CSE	6th	Mohd
81	1901260100027	Pallavi Singh	CSE	6th	Pallavi
82	1901260100028	Peeyush Sharma	CSE	6th	Peeyush
83	1901260100029	Pushpendra Singh	CSE	6th	Pushpendra
84	1901260100030	Rahul Chahar	CSE	6th	Rahul
85	1901260100031	Richa Tyagi	CSE	6th	Richa

Head  
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86	1901260100032	Rishabh Dwivedi	CSE	6th	<i>Rishabh</i>
87	1901260100037	Somya Singh	CSE	6th	<i>Somya</i>
88	1901260100039	Tarun Parashar	CSE	6th	<i>Tarun</i>
89	2000640109001	Anshul Singh	CSE	6th	<i>Anshul</i>
90	2000640109002	Monika Kaushik	CSE	6th	<i>Monika</i>
91	2000640109003	Yogesh Kumar	CSE	6th	<i>Yogesh</i>

*Rishabh*

Head  
Dept. of Computer Science & Engg.  
Hindustan College of Science & Technology  
Farah, Mathura

*Ph...*

Director  
Hindustan College of  
Science & Technology  
FARAH (MATHURA)



ATTENDANCE SHEET			DATE																				
SR NO	ROLL NO	STUDENT NAME	02/02	16/02	23/02	02/03	09/03	23/03	30/03	06/04	13/04	20/04	27/04	04/05	11/05	18/05	25/05	01/06	08/06	15/06	22/06	29/06	
1	1900640100003	Abhvy Pachauri	Abhvy	Abhvy	Abhvy	Abhvy	Abhvy	Abhvy	Abhvy	Abhvy	Abhvy	Abhvy	Abhvy	Abhvy	Abhvy	Abhvy	Abhvy	Abhvy	Abhvy	Abhvy	Abhvy	Abhvy	Abhvy
2	1900640100004	Akansa Rawat	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash
3	1900640100005	Akash Yadav	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash
4	1900640100006	Amaan Ahmed	Amaan	Amaan	Amaan	Amaan	Amaan	Amaan	Amaan	Amaan	Amaan	Amaan	Amaan	Amaan	Amaan	Amaan	Amaan	Amaan	Amaan	Amaan	Amaan	Amaan	Amaan
5	1900640100007	Aman Kumar	Aman	Aman	Aman	Aman	Aman	Aman	Aman	Aman	Aman	Aman	Aman	Aman	Aman	Aman	Aman	Aman	Aman	Aman	Aman	Aman	Aman
6	1900640100008	Amit Kumar Saini	Amit	Amit	Amit	Amit	Amit	Amit	Amit	Amit	Amit	Amit	Amit	Amit	Amit	Amit	Amit	Amit	Amit	Amit	Amit	Amit	Amit
7	1900640100009	Ankit Sharma	Ankit	Ankit	Ankit	Ankit	Ankit	Ankit	Ankit	Ankit	Ankit	Ankit	Ankit	Ankit	Ankit	Ankit	Ankit	Ankit	Ankit	Ankit	Ankit	Ankit	Ankit
8	1900640100010	Arendra Kumar	Arendra	Arendra	Arendra	Arendra	Arendra	Arendra	Arendra	Arendra	Arendra	Arendra	Arendra	Arendra	Arendra	Arendra	Arendra	Arendra	Arendra	Arendra	Arendra	Arendra	Arendra
9	1900640100011	Ashutosh Yadav	Ashut	Ashut	Ashut	Ashut	Ashut	Ashut	Ashut	Ashut	Ashut	Ashut	Ashut	Ashut	Ashut	Ashut	Ashut	Ashut	Ashut	Ashut	Ashut	Ashut	Ashut
10	1900640100012	Avendra Pratap Singh	Ashut	Ashut	Ashut	Ashut	Ashut	Ashut	Ashut	Ashut	Ashut	Ashut	Ashut	Ashut	Ashut	Ashut	Ashut	Ashut	Ashut	Ashut	Ashut	Ashut	Ashut
11	1900640100014	Bhumika Mishra	Bhumika	Bhumika	Bhumika	Bhumika	Bhumika	Bhumika	Bhumika	Bhumika	Bhumika	Bhumika	Bhumika	Bhumika	Bhumika	Bhumika	Bhumika	Bhumika	Bhumika	Bhumika	Bhumika	Bhumika	Bhumika
12	1900640100015	Deepanshu Gupta	Deepanshu	Deepanshu	Deepanshu	Deepanshu	Deepanshu	Deepanshu	Deepanshu	Deepanshu	Deepanshu	Deepanshu	Deepanshu	Deepanshu	Deepanshu	Deepanshu	Deepanshu	Deepanshu	Deepanshu	Deepanshu	Deepanshu	Deepanshu	Deepanshu
13	1900640100017	Harsh Baghel	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh
14	1900640100019	Harshit Gupta	Harshit	Harshit	Harshit	Harshit	Harshit	Harshit	Harshit	Harshit	Harshit	Harshit	Harshit	Harshit	Harshit	Harshit	Harshit	Harshit	Harshit	Harshit	Harshit	Harshit	Harshit
15	1900640100020	Himanshu Gupta	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu
16	1900640100021	Himanshu Upadhyay	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu
17	1900640100022	Himanshu Kumar Patel	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu
18	1900640100023	Himesh Bhardwaj	Himesh	Himesh	Himesh	Himesh	Himesh	Himesh	Himesh	Himesh	Himesh	Himesh	Himesh	Himesh	Himesh	Himesh	Himesh	Himesh	Himesh	Himesh	Himesh	Himesh	Himesh
19	1900640100024	Kashish Gupta	Kashish	Kashish	Kashish	Kashish	Kashish	Kashish	Kashish	Kashish	Kashish	Kashish	Kashish	Kashish	Kashish	Kashish	Kashish	Kashish	Kashish	Kashish	Kashish	Kashish	Kashish
20	1900640100025	Keshav Tamori	Keshav	Keshav	Keshav	Keshav	Keshav	Keshav	Keshav	Keshav	Keshav	Keshav	Keshav	Keshav	Keshav	Keshav	Keshav	Keshav	Keshav	Keshav	Keshav	Keshav	Keshav
21	1900640100026	Kush Sehra	Kush	Kush	Kush	Kush	Kush	Kush	Kush	Kush	Kush	Kush	Kush	Kush	Kush	Kush	Kush	Kush	Kush	Kush	Kush	Kush	Kush
22	1900640100027	Lalit Bharadwaj	Lalit	Lalit	Lalit	Lalit	Lalit	Lalit	Lalit	Lalit	Lalit	Lalit	Lalit	Lalit	Lalit	Lalit	Lalit	Lalit	Lalit	Lalit	Lalit	Lalit	Lalit
23	1900640100028	Love Sehra	Love	Love	Love	Love	Love	Love	Love	Love	Love	Love	Love	Love	Love	Love	Love	Love	Love	Love	Love	Love	Love
24	1900640100029	Lovely	Lovely	Lovely	Lovely	Lovely	Lovely	Lovely	Lovely	Lovely	Lovely	Lovely	Lovely	Lovely	Lovely	Lovely	Lovely	Lovely	Lovely	Lovely	Lovely	Lovely	Lovely
25	1900640100030	Mohd Moiz Qureshi	Mohd	Mohd	Mohd	Mohd	Mohd	Mohd	Mohd	Mohd	Mohd	Mohd	Mohd	Mohd	Mohd	Mohd	Mohd	Mohd	Mohd	Mohd	Mohd	Mohd	Mohd
26	1900640100032	Naman Tiwari	Naman	Naman	Naman	Naman	Naman	Naman	Naman	Naman	Naman	Naman	Naman	Naman	Naman	Naman	Naman	Naman	Naman	Naman	Naman	Naman	Naman
27	1900640100033	Nidhi Pathak	Nidhi	Nidhi	Nidhi	Nidhi	Nidhi	Nidhi	Nidhi	Nidhi	Nidhi	Nidhi	Nidhi	Nidhi	Nidhi	Nidhi	Nidhi	Nidhi	Nidhi	Nidhi	Nidhi	Nidhi	Nidhi
28	1900640100034	Nikhil Raghav	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil
29	1900640100035	Om Goyal	Om	Om	Om	Om	Om	Om	Om	Om	Om	Om	Om	Om	Om	Om	Om	Om	Om	Om	Om	Om	Om
30	1900640100037	Piyush Kumar	Piyush	Piyush	Piyush	Piyush	Piyush	Piyush	Piyush	Piyush	Piyush	Piyush	Piyush	Piyush	Piyush	Piyush	Piyush	Piyush	Piyush	Piyush	Piyush	Piyush	Piyush
31	1900640100038	Pooja Singh	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja
32	1900640100039	Prakhar	Prakhar	Prakhar	Prakhar	Prakhar	Prakhar	Prakhar	Prakhar	Prakhar	Prakhar	Prakhar	Prakhar	Prakhar	Prakhar	Prakhar	Prakhar	Prakhar	Prakhar	Prakhar	Prakhar	Prakhar	Prakhar
33	1900640100040	Pranjal Agarwal	Pranjal	Pranjal	Pranjal	Pranjal	Pranjal	Pranjal	Pranjal	Pranjal	Pranjal	Pranjal	Pranjal	Pranjal	Pranjal	Pranjal	Pranjal	Pranjal	Pranjal	Pranjal	Pranjal	Pranjal	Pranjal
34	1900640100041	Prashant Chaudhary	Prashant	Prashant	Prashant	Prashant	Prashant	Prashant	Prashant	Prashant	Prashant	Prashant	Prashant	Prashant	Prashant	Prashant	Prashant	Prashant	Prashant	Prashant	Prashant	Prashant	Prashant

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			02/02	16/02	23/02	02/03	09/03	23/03	30/03	06/04	13/04	20/04	23/04	04/05	11/05	18/05	15/06	18/06	22/06	29/06
35	1900640100042	Prashant Saraswat	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
36	1900640100043	Prashant Srivastava	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
37	1900640100044	Prateek Jain	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
38	1900640100045	Preeti Ojha	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39	1900640100046	Prem Kumar Sharma	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
40	1900640100047	Priyanshi Agarwal	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
41	1900640100048	Rachit Saxena	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
42	1900640100050	Rahul Kumar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
43	1900640100052	Rohan	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
44	1900640100053	Rohit Kumar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
45	1900640100054	Sanjana Agarwal	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
46	1900640100055	Shahid Khan	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
47	1900640100056	Shashank Pratap Singh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
48	1900640100057	Shikha Singh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
49	1900640100059	Shikhar Singh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
50	1900640100060	Shivam Agarwal	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
51	1900640100061	Shivang Bhardwaj	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
52	1900640100062	Shivansh Awasthi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
53	1900640100063	Shobhit Chaurasia	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
54	1900640100064	Shobhit Mudgal	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
55	1900640100065	Shourya Verma	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
56	1900640100066	Siddharth Singh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
57	1900640100067	Somya Sharma	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
58	1900640100068	Sonam Malaniya	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
59	1900640100069	Soniya Tarkar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
60	1900640100070	Srashti Tripathi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
61	1900640100071	Suraj Pratap Singh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
62	1900640100072	Surendra Singh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
63	1900640100073	Suyash Garg	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
64	1900640100074	Vishal Kumar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
65	1900640100075	Yash Lavaniya	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
66	1900640100076	Yash Shrivastav	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
67	1900640100077	Yash Goyal	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
68	1900640100078	Yatin Agarwal	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
69	2000640109001	Anshul Singh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

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*[Signature]*

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SR NO	ROLL NO	STUDENT NAME	02/02	16/02	23/02	02/03	09/03	23/03	30/03	06/04	13/04	20/04	23/04	04/05	11/05	18/05	15/06	18/06	22/06	29/06
70	2000640109002	Monika Kaushik	Monika	Monika	Monika	Monika	Monika	Monika	Monika	Monika	Monika	Monika	Monika	Monika	Monika	Monika	Monika	Monika	Monika	Monika
71	2000640109003	Yogesh Kumar	Yogesh	Yogesh	Yogesh	Yogesh	Yogesh	Yogesh	Yogesh	Yogesh	Yogesh	Yogesh	Yogesh	Yogesh	Yogesh	Yogesh	Yogesh	Yogesh	Yogesh	Yogesh
72	1901260100001	Aditya Singh	Aditya	Aditya	Aditya	Aditya	Aditya	Aditya	Aditya	Aditya	Aditya	Aditya	Aditya	Aditya	Aditya	Aditya	Aditya	Aditya	Aditya	Aditya
73	1901260100002	Ajay Kumar Patel	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay
74	1901260100004	Ali Abbas	Ali Abbas	Ali Abbas	Ali Abbas	Ali Abbas	Ali Abbas	Ali Abbas	Ali Abbas	Ali Abbas	Ali Abbas	Ali Abbas	Ali Abbas	Ali Abbas	Ali Abbas	Ali Abbas	Ali Abbas	Ali Abbas	Ali Abbas	Ali Abbas
75	1901260100010	Deepak Dubey	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak
76	1901260100011	Deepak Singh	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak
77	1901260100013	Harsh Jadon	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh
78	1901260100014	Ashi Tyagi	Ashi	Ashi	Ashi	Ashi	Ashi	Ashi	Ashi	Ashi	Ashi	Ashi	Ashi	Ashi	Ashi	Ashi	Ashi	Ashi	Ashi	Ashi
79	1901260100015	Keerti Pathrol	Keerti	Keerti	Keerti	Keerti	Keerti	Keerti	Keerti	Keerti	Keerti	Keerti	Keerti	Keerti	Keerti	Keerti	Keerti	Keerti	Keerti	Keerti
80	1901260100016	Konica	Konica	Konica	Konica	Konica	Konica	Konica	Konica	Konica	Konica	Konica	Konica	Konica	Konica	Konica	Konica	Konica	Konica	Konica
81	1901260100025	Mohd Dastgeer	Mohd	Mohd	Mohd	Mohd	Mohd	Mohd	Mohd	Mohd	Mohd	Mohd	Mohd	Mohd	Mohd	Mohd	Mohd	Mohd	Mohd	Mohd
82	1901260100027	Pallavi Singh	Pallavi	Pallavi	Pallavi	Pallavi	Pallavi	Pallavi	Pallavi	Pallavi	Pallavi	Pallavi	Pallavi	Pallavi	Pallavi	Pallavi	Pallavi	Pallavi	Pallavi	Pallavi
83	1901260100028	Peeyush Sharma	Peeyush	Peeyush	Peeyush	Peeyush	Peeyush	Peeyush	Peeyush	Peeyush	Peeyush	Peeyush	Peeyush	Peeyush	Peeyush	Peeyush	Peeyush	Peeyush	Peeyush	Peeyush
84	1901260100029	Pushpendra Singh	Pushpendra	Pushpendra	Pushpendra	Pushpendra	Pushpendra	Pushpendra	Pushpendra	Pushpendra	Pushpendra	Pushpendra	Pushpendra	Pushpendra	Pushpendra	Pushpendra	Pushpendra	Pushpendra	Pushpendra	Pushpendra
85	1901260100030	Rahul Chahar	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul
86	1901260100031	Richa Tyagi	Richa	Richa	Richa	Richa	Richa	Richa	Richa	Richa	Richa	Richa	Richa	Richa	Richa	Richa	Richa	Richa	Richa	Richa
87	1901260100032	Rishabh Dwivedi	Rishabh	Rishabh	Rishabh	Rishabh	Rishabh	Rishabh	Rishabh	Rishabh	Rishabh	Rishabh	Rishabh	Rishabh	Rishabh	Rishabh	Rishabh	Rishabh	Rishabh	Rishabh
88	1901260100037	Somya Singh	Somya	Somya	Somya	Somya	Somya	Somya	Somya	Somya	Somya	Somya	Somya	Somya	Somya	Somya	Somya	Somya	Somya	Somya
89	1901260100039	Tarun Parashar	Tarun	Tarun	Tarun	Tarun	Tarun	Tarun	Tarun	Tarun	Tarun	Tarun	Tarun	Tarun	Tarun	Tarun	Tarun	Tarun	Tarun	Tarun

*Pranav*

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*Academic Session 2021-22*

**This is to certify that *Kush Sehra* No: 1900640100026 Department of Computer Science & Engineering has successfully completed 30 hours of Value Added Course VCS2204 titled "Introduction to Artificial Intelligence & Applied Machine learning (Practical oriented)"**

*V. Chandel*

Head of Department  
Head

Dept. of Computer Science & Engg.  
Hindustan College of Science & Technology  
Farah, Mathura

"

*V. Chandel*

Course Coordinator

*P. N. S.*

Director

Director  
Hindustan College of  
Science & Technology  
FARAH (MATHURA)

*P. N. S.*

Director  
Hindustan College of  
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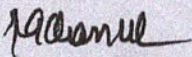
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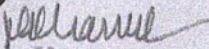
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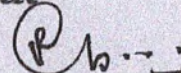
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**Academic Session 2021-22**

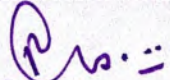
**This is to certify that Prateek Jain** Roll No: 1900640100044

**Department of Computer Science & Engineering has successfully completed 30 hours of Value Added Course VCS2204 titled "Introduction to Artificial Intelligence & Applied Machine learning (Practical oriented)"**

  
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*Department of Computer Science & Engineering has successfully  
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to Artificial Intelligence & Applied Machine learning (Practical  
oriented)"*

*Adarsh*

*Head of Department*

**Head**  
**Dept. of Computer Science & Engg.**  
**Hindustan College of Science & Technology**  
**Farah, Mathura**

*Shilpa*

*Course Coordinator*

*P. S. S.*

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*Department of Computer Science & Engineering has successfully*  
*completed 30 hours of Value Added Course VCS2204 titled "Introduction*  
*to Artificial Intelligence & Applied Machine learning (Practical*  
*oriented)"*

*Head of Department*

Head

Dept. of Computer Science & Engg.  
Hindustan College of Science & Technology  
Farah, Mathura

*Course Coordinator*

*Director*  
Director

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