

Hindustan College of Science & Technology Farah, Mathura
Department of computer science & Engineering

Date: 24/01/2023

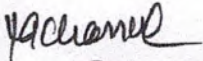
NOTICE

Regarding Value Added Course Registration (VCS2302)

All the students are hereby informed that registration of value added course (VCS2302), in Hindustan college of science technology, invites applications for the value-added course- "**Basic Understanding of Artificial Intelligence**" offered by Computer Science & Engineering. This course will be start from 11/02/2023 to 25/05/2023 in the department of CSE (Contact person: Mr. YOGESH SHARMA).

The registration for the course is open for all the students of undergraduate courses.

Interested students are required to fill in the registration from latest by 01/02/ 2023 to 09/02/2023 till 5:00p.m.


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

Head of Department

Department of Computer Science and Engineering


Director
Hindustan College of
Science & Technology
FARAH (MATHURA)

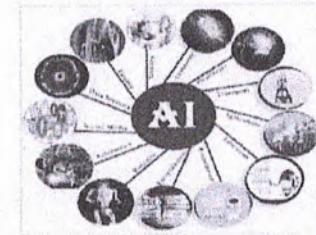


HINDUSTAN COLLEGE OF SCIENCE & TECHNOLOGY,
FARAH -MATHURA



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Value Added Course
VCS2302 Basic Understanding of Artificial Intelligence
11 February 2023 – 25 May 2023- Every Saturday: 3:10 PM – 04:50 PM



By

Mr. Kapil Srivastava

Assistant Professor, Computer Science & Engineering

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

Registration Dates

01 February 2023– 09 February 2023

For Registration: Please contact

Mr. Yogesh Sharma, Office Staff, Department of CSE

Assumes familiarity with linear algebra, Probability theory and programming in python

Kachanur
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Dept. of Computer Science & Engg.
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P. S. S.
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HINDUSTAN COLLEGE OF SCIENCE & TECHNOLOGY,
FARAH -MATHURA

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING



Value Added Course

VCS2302 Basic Understanding of Artificial Intelligence

11 February 2023 – 25 May 2023- Every Saturday: 3:10 PM – 04:50 PM

Course Syllabus

Course Objectives

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

1. Understand the concepts of AI and searching techniques.
2. To develop the logical skills of knowledge and its representational structure.
3. Understand the concepts of natural languages processing.

Units	Details	Course Out comes
1	Introduction to Artificial Intelligence : The Foundations of Artificial Intelligence, The History of Artificial Intelligence, The history of Artificial Intelligence and the state of the Art. Solving problems by searching: problem- solving Agents, Formulation problems.	CO1
2	Intelligent Agents: Introduction , How Agents should Act, Structure of Intelligent Agents Environments. Agent that Reason logically, A knowledge based Agent.	CO2
3	Planning A simple Planning Agent from problem solving to planning. Planning in situation calculations. Basics representations for planning.	CO3
4	Learning in Artificial neural networks., How the Brain works, Neural Network, perceptions, Multi-layered feed forward networks applications, back propagation algorithm , applications of neural network.	CO4
5	knowledge representations: semantic Net, semantic Web ,conceptual Dependencies, conceptual Graphics,script,frames, Natural language processing.	CO5

Alkamel
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HINDUSTAN COLLEGE OF SCIENCE & TECHNOLOGY,
FARAH -MATHURA

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING



Value Added Course
VCS2302 Basic Understanding of Artificial Intelligence
11 February 2023 – 25 May 2023- Every Saturday: 3:10 PM – 04:50 PM

Course Outcomes

- CO1 Understand the concepts of AI and related searching algorithm
- CO2 Develop the knowledge skills and its representational structure in AI.
- CO3 Study how design the programming skill in PROLOG and concepts of pattern recognition approaches
- CO4 Design and apply various reinforcement algorithm to solve real time complex problems.
- CO5 Study the concepts of supervised or unsupervised machine learning and game technique.

CO-PO & CO-PSO Mappings

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	

Prachi
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HINDUSTAN COLLEGE OF SCIENCE & TECHNOLOGY, FARAH -MATHURA

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Value Added Course

VCS2302 Basic Understanding of Artificial Intelligence

11 February 2023 – 25 May 2023- Every Saturday: 3:10 PM – 04:50 PM



Program Schedule

Session	Date	Time	No of Lectures	Session Topic	Resource Person
1	11-02-2023	3:10 PM - 4:50 PM	2	Introduction to Artificial Intelligence	Mr. Kapil Srivastava
2	04-03-2023	3:10 PM - 4:50 PM	2	Intelligent Agents	Mr. Kapil Srivastava
3	11-03-2023	3:10 PM - 4:50 PM	2	A knowledge based Agent	Mr. Kapil Srivastava
4	18-03-2023	3:10 PM - 4:50 PM	2	Optimistic Problem	Mr. Kapil Srivastava
5	25-03-2023	3:10 PM - 4:50 PM	2	Basic representation for planning	Mr. Kapil Srivastava
6	01-04-2023	3:10 PM - 4:50 PM	2	Perceptron's & multilayer perceptron	Mr. Kapil Srivastava
7	08-04-2023	3:10 PM - 4:50 PM	2	Statistic learning model	Mr. Kapil Srivastava
8	15-04-2023	3:10 PM - 4:50 PM	2	Conceptual Dependencies	Mr. Kapil Srivastava
9	27-04-2023	3:10 PM - 4:50 PM	2	Back propagation algorithm	Mr. Kapil Srivastava
10	06-05-2023	3:10 PM - 4:50 PM	2	Natural language processing	Mr. Kapil Srivastava
11	13-05-2023	3:10PM-4:50PM	2	Semantic Net	Mr. Kapil Srivastava
12	18-05-2023	3:10 PM - 4:50 PM	2	Multi-layered feed forward networks	Mr. Kapil Srivastava
13	19-05-2023	3:10 PM - 4:50 PM	2	knowledge representations	Mr. Kapil Srivastava

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

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Hindustan College of
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Program Schedule

HINDUSTAN COLLEGE OF SCIENCE & TECHNOLOGY, FARAH -MATHURA

DEPARTMENT OF COMPUTER SCIENCE &
ENGINEERING

Value Added Course

VCS2302 Basic Understanding of Artificial Intelligence

11 February 2023 – 25 May 2023- Every Saturday: 3:10 PM – 04:50 PM



Session	Date	Time	No of Lectures	Session Topic	Resource Person
14	20-05-2023	3:10PM-4:50PM	2	semantic Net	Mr. Kapil Srivastava
15	22--05-2023	3:10 PM - 4:50 PM	2	conceptual Dependencies,	Mr.Kapil Srivastava
16	23-05-2023	3:10 PM - 4:50 PM	2	conceptual Graphics	Mr.Kapil Srivastava
17	24-05-2023	3:10 PM - 4:50 PM	2	applications of neural network.	Mr.Kapil Srivastava
18	25-05-2023	3:10 PM - 4:50 PM	2	How the Brain works, Neural Network, perceptions,	Mr.Kapil Srivastava
Total Number of Lectures covered			36 (30 Hrs)		

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Dept. of Computer Science & Engg.
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Farah, Mathura

Hindustan College of Science and Technology - Mathura

Computer Science and Engineering Department

CLASS TIME TABLE EVEN SEMESTER 2022-23

SESSION:	FEB 23- JUNE 23		W.E.F 3/04/2023	CLASS TEACHER:	MR DIWAKAR SHRIVASTAVA				
YEAR/SEM-SEC	III/VI-A		R.206						
TIME / Day	I	II	III	IV	V	VI	VII	VIII	
	10:00 - 10:50	10:50 - 11:40	11:40 - 12:30	12:30 - 01:20	1:20-01:50	01:50-2:40	02:40 - 03:30	03:30 - 04:20	04:20 - 05:00
MONDAY	ICTS	WT	IP	IBM	B	CN	SE	CN T A1	LIB/COURSE
TUESDAY	ICTS	IP	CN	WT	R	SE	CN LAB A1# LAB 2		IP T A2
WEDNESDAY	IP	WT	CN	IBM	E	PDP		WT LAB A2 # LAB 7	
THURSDAY	IBM	CN	WT LAB A1# LAB 7		A	SE	IP	CN LAB A2 # LAB 2	
			SE LAB A2 # LAB 1					SE LAB A1# LAB 1	
FRIDAY	ICTS	PDP		IBM	K	SE	WT	WT T A2	SE T A1
								IP T A1	CN T A2
SATURDAY	ACTIVITY DAY							SE T A2	LIBRARY
								WT T A1	
									VALUE ADDED COURSE(BASIC UNDERSTANDING OF AI)
	Name of the Subject	Subject Code				Name of the Faculty			
	Software Engineering	KCS 601				MS MANISHA VERMA			
	Computer Network	KCS 603				MR VIJAY KATTA			
	Web Technology	KCS 602				DR PRATIKSHA GAUTAM			
	Digital Image Processing	KCS 062				MR DIWAKAR SHRIVASTAVA			
	Indian Tradition, Culture and Society	KNC 602				DR ARCHANA GAUTAM			
	IDEA TO BUSINESS MODEL	KOE 060				MR MAHESH DHAKAR			
	PRACTICAL								
	Software Engineering Lab	KCS 651				MR AMIT YADAV/MR. SACHIN			
	Computer Network Lab	KCS 653				MRS BHUPRABHA BHARTI			
	Web Technology Lab	KCS 652				DR PRATIKSHA GAUTAM			
	VALUE ADDED COURSE(BASIC UNDERSTANDING OF AI)	VCS2204				MR KAPIL SRIVASTAVA			

Signature
Time-Table Incharge

Signature
Head of the Department
Head
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 2022-23									
SESSION:	FEB 23- JUNE 23		W.E.F 30/4/2023	CLASS TEACHER:		MR DIWAKAR SHRIVASTAVA			
YEAR/SEM-SEC:	III/VI-B		ROOM NO : 222						
T0e / Day	I	II	III	IV	V	VI	VII	VIII	
	10:00 - 10:50	10:50 - 11:40	11:40 - 12:30	12:30 - 01:20	1:20-01:50	01:50-2:40	02:40 - 03:30	03:30 - 04:20	04:20 - 05:00
MONDAY	IBM	ICTS	CN	WT	B	CN T B2	IP	WT LAB B1 # LAB 7	
TUESDAY	CN	ICTS	SE	IBM	R	PDP		CN LAB B2# LAB 2	
WEDNESDAY	SE	IP	SE LAB B2 # LAB 3 CN LAB B1 # LAB 2		E	IBM	CN	SE T B2	SE T B1
THURSDAY	IP	PDP		CN	A	IBM	WT	IP T B1	WT T B2
FRIDAY	WT	ICTS	WT LAB B2# LAB 7 SE LAB B1 # LAB 3		K	CN T B1	SE	LIB/COUNSELLING	
SATURDAY	ACTIVITY DAY							VALUE ADDED COURSE(BASIC UNDERSTANDING OF 3:30-5:00 AD)	
Name of the Subject			Subject Code		Name of the Faculty Member				
Software Engineering			KCS 601		MS MANISHA VERMA				
Computer Network			KCS 603		MRS BHUPRABHA BHARTI				
Web Technology			KCS 602		DR PRATIKSHA GAUTAM				
Image Processing			KCS 082		MR DIWAKAR SHRIVASTAVA				
Indian Tradition, Culture and Society			KNC 602		DR ARCHANA GAUTAM				
IBM			KOE 080		MR MAHESH DHAKAR				
PRACTICAL									
Software Engineering Lab			KCS 651		MR AMIT YADAV/MR SACHIN				
Computer Network Lab			KCS 653		MRS BHUPRABHA BHARTI				
Web Technology Lab			KCS 652		DR PRATIKSHA GAUTAM				
VALUE ADDED COURSE(BASIC UNDERSTANDING OF AI)			VCS2204		MR KAPIL SRIVASTAV				

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					
Department of Computer Science Engineering					
Value Added Course - Registration Form					
VAC2302					
Session 2022-23			From 6 Jan, 2023 to 01 Feb, 2023		
Sr. No.	Roll No.	Name	Department	Semester	Signature of Student
1	2000640100002	Abhijeet Singh	CSE	VI	Abhijeet
2	2000640100003	Abhishek Kumar	CSE	VI	Abhishek
3	2000640100004	Abhishek Sharma	CSE	VI	Abhishek
4	2000640100005	Aditya Bhatt	CSE	VI	Aditya
5	2000640100006	Aditya Pratap	CSE	VI	Aditya
6	2000640100007	Aishwarya Roy	CSE	VI	Aishwarya
7	2000640100008	Ajay Kuchhadiya	CSE	VI	Ajay
8	2000640100010	Akash Sharma	CSE	VI	Akash
9	2000640100067	Kumari Bhawna	CSE	VI	Bhawna
10	2000640100012	Akshita Sharma	CSE	VI	Akshita
11	2000640100013	Aman Mishra	CSE	VI	Aman
12	2000640100014	Amisha Saraswat	CSE	VI	Amisha
13	2000640100015	Aniket Agarwal	CSE	VI	Aniket
14	2000640100016	Anjali Agarwal	CSE	VI	Anjali
15	2000640100018	Ansh Shivhare	CSE	VI	Ansh
16	2000640100019	Ansh Upadhyay	CSE	VI	Ansh
17	2000640100020	Anshul Singh	CSE	VI	Anshul
18	2000640100021	Antra Bansal	CSE	VI	Antra
19	2000640100022	Anurag Sharma	CSE	VI	Anurag
20	2000640100023	Apaar Srivastava	CSE	VI	Apaar
21	2000640100024	Aradhya Shukla	CSE	VI	Aradhya
22	2000640100025	Arjun Singh	CSE	VI	Arjun
23	2000640100026	Arpita Singh Sengar	CSE	VI	Arpita
24	2000640100027	Arun Kashyap	CSE	VI	Arun
25	2000640100028	Ashish Chaudhary	CSE	VI	Ashish
26	2000640100029	Ashish Sen	CSE	VI	Ashish
27	2000640100030	Avinash Yadav	CSE	VI	Avinash
28	2000640100031	Ayush Gautam	CSE	VI	Ayush
29	2000640100032	Ayush Gupta	CSE	VI	Ayush
30	2000640100034	Bhanu Pratap	CSE	VI	Bhanu
31	2000640100035	Brahamjeet Singh	CSE	VI	Brahamjeet
32	2000640100036	Chirag Ramnani	CSE	VI	Chirag
33	2000640100037	Devansh Mishra	CSE	VI	Devansh
34	2000640100038	Devanshi Patel	CSE	VI	Devanshi
35	2000640100039	Dhruv Gautam	CSE	VI	Dhruv
36	2000640100040	Dhruv Tomer	CSE	VI	Dhruv
37	2000640100042	Divya Singh	CSE	VI	Divya

Kapil

Received
 Date: _____
 Dept. of Computer Science & Engg.
 Hindustan College of Science & Technology
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 Hindustan College of
 Science & Technology
 FARAH (MATHUR)

38	2000640100043	Divyansh Bhirag	CSE	VI	Divyansh
39	2000640100044	Divyanshi Yadav	CSE	VI	Divyanshi
40	2000640100045	Ekansh Kulshrestha	CSE	VI	Ekansh
41	2000640100046	Gagan Kapoor	CSE	VI	Gagan
42	2000640100047	Garv Jain	CSE	VI	Garv
43	2000640100049	Gaurav Saraswat	CSE	VI	Gaurav
44	2000640100050	Harsh Bhardwaj	CSE	VI	Harsh
45	2000640100051	Harsh Jain	CSE	VI	Harsh
46	2000640100052	Harsh Sharma	CSE	VI	Harsh
47	2000640100053	Harsh Yadav	CSE	VI	Harsh
48	2000640100055	Harshita Nagar	CSE	VI	Harshita
49	2000640100056	Himanshu Chauhan	CSE	VI	Himanshu
50	2000640100057	Himanshu Singh	CSE	VI	Himanshu
51	2000640100059	Kanchan Yadav	CSE	VI	Kanchan
52	2000640100060	Karan Kumar	CSE	VI	Karan
53	2000640100065	Krishna Gupta	CSE	VI	Krishna
54	2000640100062	Khushi Mittal	CSE	VI	Khushi
55	2000640100063	Krishan Gopal Patha	CSE	VI	Krishan
56	2000640100064	Krishan Kumar Rawa	CSE	VI	Krishan
57	2000640100061	Khushi Gupta	CSE	VI	Khushi
58	2000640100066	Kuldeep Singh	CSE	VI	Kuldeep
59	2000640100070	Mangal Pratap Dube	CSE	VI	Mangal
60	2000640100071	Mayank Kushwaha	CSE	VI	Mayank
61	2000640100072	Mohammad Shahza	CSE	VI	Mohammad
62	2000640100073	Mohil Kumar	CSE	VI	Mohil
63	2000640100074	Nandini Gupta	CSE	VI	Nandini
64	2000640100075	Nikhil Rathore	CSE	VI	Nikhil
65	2000640100076	Nishant Chauhan	CSE	VI	Nishant
66	2000640100077	Nitanshi Agarwal	CSE	VI	Nitanshi
67	2000640100078	Owais Raza	CSE	VI	Owais
68	2000640100079	Paras Gupta	CSE	VI	Paras
69	2000640100080	Piyush Kumar	CSE	VI	Piyush
70	2000640100081	Poorva Singh	CSE	VI	Poorva
71	2000640100082	Pradeep Kumar	CSE	VI	Pradeep
72	2000640100083	Prakhar Saxena	CSE	VI	Prakhar
73	2000640100084	Priya Sharma	CSE	VI	Priya
74	2000640100085	Priyanshu Lodhi	CSE	VI	Priyanshu
75	2000640100086	Priyanshu Verma	CSE	VI	Priyanshu
76	2000640100087	Proshan Kumar	CSE	VI	Proshan
77	2000640100088	Puneet Paliwal	CSE	VI	Puneet
78	2000640100089	Pushkar Pratap Singh	CSE	VI	Pushkar
79	2000640100091	Riya Singh	CSE	VI	Riya
80	2000640100092	Riya Verma	CSE	VI	Riya
81	2000640100093	Sadhna Solanki	CSE	VI	Sadhna

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82	2000640100094	Sagar Varshney	CSE	VI	Sagar
83	2000640100095	Sahil Srivastava	CSE	VI	Sahil
84	2000640100096	Sajal Singh	CSE	VI	Sajal
85	2000640100097	Sakshi Gupta	CSE	VI	Sakshi
86	2000640100098	Shaurya Gupta	CSE	VI	Shaurya
87	2000640100099	Shivam Agarwal	CSE	VI	Shivam
88	2000640100100	Shivam Singh	CSE	VI	Shivam
89	2000640100101	Shivam Vatyani	CSE	VI	Shivam
90	2000640100103	Shreyansh Agarwal	CSE	VI	Shreyansh
91	2000640100104	Shirish Tiwari	CSE	VI	Shirish
92	2000640100105	Shruti Agarwal	CSE	VI	Shruti
93	2000640100106	Suhanika Saxena	CSE	VI	Suhanika
94	2000640100107	Surya Prakash Agarw	CSE	VI	Surya
95	2000640100108	Tanuj Singh	CSE	VI	Tanuj
96	2000640100109	Tanuj Tyagi	CSE	VI	Tanuj
97	2000640100110	Tanvi Garg	CSE	VI	Tanvi
98	2000640100112	Tushar Saxena	CSE	VI	Tushar
99	2000640100113	Vaishnavi Gautam	CSE	VI	Vaishnavi
100	2000640100114	Varun Mishra	CSE	VI	Varun
101	2000640100115	Vidit Gupta	CSE	VI	Vidit
102	2000640100116	Vivek Tyagi	CSE	VI	Vivek
103	2000640100117	Yash Bhardwaj	CSE	VI	Yash
104	2000640100118	Yash Gautam	CSE	VI	Yash
105	2000640100120	Yashank Gupta	CSE	VI	Yashank
106	2000640100121	Yogesh Shukla	CSE	VI	Yogesh
107	2000640100122	Yuvraj Baral	CSE	VI	Yuvraj
108	2100640109001	Divyanshu	CSE	VI	Divyanshu
109	2100640109009	Varun Dixit	CSE	VI	Varun
110	2100640109007	Raghav Garg	CSE	VI	Raghav
111	2100640109004	Nikhil Narayan	CSE	VI	Nikhil
112	2100640109006	Priyansh Pachauri	CSE	VI	Priyansh
113	2100640109008	Sariq Khan	CSE	VI	Sariq
114	2000640100001	Aakib Khan	CSE	VI	Aakib
115	2100640109003	Kunjan Baghel	CSE	VI	Kunjan
116	2100640109010	Yashveer Singh	CSE	VI	Yashveer
117	2100640109005	Praphull Chandra	CSE	VI	Praphull
118	2100640109002	Girish Kumar	CSE	VI	Girish

Dept. of Computer Science & Engg.
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Director
Hindustan College of
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FARAH (MATHURA)

Hindustan College of Science & Technology

Department of Biotechnology Engineering

Value Added Course - Attendance sheet

Course Name: Basic Understanding of Artificial Intelligence Course Code: VCS2302

Session 2022-23 (Year 2023)

Session wise Attendance Sheet

S. No.	Roll No.	Name	SEM	Signature of the Students																				
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18			
1	2000640100002	Abhijeet Singh	VI	11-Feb	04/03	11/03	18/03	25/03	01/04	08/04	15/04	22/04	29/04	06/05	13/05	20/05	27/05	03/06	10/06	17/06	24/06	01/07	08/07	15/07
2	2000640100003	Abhishek Kumar	VI	Abhi	Abhi	Abhi	Abhi	Abhi	Abhi	Abhi	Abhi	Abhi	Abhi	Abhi	Abhi	Abhi	Abhi	Abhi	Abhi	Abhi	Abhi	Abhi	Abhi	Abhi
3	2000640100004	Abhishek Sharma	VI	Abhi	Abhi	Abhi	Abhi	Abhi	Abhi	Abhi	Abhi	Abhi	Abhi	Abhi	Abhi	Abhi	Abhi	Abhi	Abhi	Abhi	Abhi	Abhi	Abhi	Abhi
4	2000640100005	Aditya Bhatt	VI	Adi	Adi	Adi	Adi	Adi	Adi	Adi	Adi	Adi	Adi	Adi	Adi	Adi	Adi	Adi	Adi	Adi	Adi	Adi	Adi	Adi
5	2000640100006	Aditya Pratap	VI	Adi	Adi	Adi	Adi	Adi	Adi	Adi	Adi	Adi	Adi	Adi	Adi	Adi	Adi	Adi	Adi	Adi	Adi	Adi	Adi	Adi
6	2000640100007	Aishwarya Roy	VI	Aish	Aish	Aish	Aish	Aish	Aish	Aish	Aish	Aish	Aish	Aish	Aish	Aish	Aish	Aish	Aish	Aish	Aish	Aish	Aish	Aish
7	2000640100008	Ajay Kuchhadia	VI	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay
8	2000640100010	Akash Sharma	VI	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash
9	2000640100067	Kumari Bhawna	VI	Bhawn	Bhawn	Bhawn	Bhawn	Bhawn	Bhawn	Bhawn	Bhawn	Bhawn	Bhawn	Bhawn	Bhawn	Bhawn	Bhawn	Bhawn	Bhawn	Bhawn	Bhawn	Bhawn	Bhawn	Bhawn
10	2000640100012	Akshita Sharma	VI	Aksh	Aksh	Aksh	Aksh	Aksh	Aksh	Aksh	Aksh	Aksh	Aksh	Aksh	Aksh	Aksh	Aksh	Aksh	Aksh	Aksh	Aksh	Aksh	Aksh	Aksh
11	2000640100013	Aman Mishra	VI	Aman	Aman	Aman	Aman	Aman	Aman	Aman	Aman	Aman	Aman	Aman	Aman	Aman	Aman	Aman	Aman	Aman	Aman	Aman	Aman	Aman
12	2000640100014	Amisha Saraswat	VI	Amish	Amish	Amish	Amish	Amish	Amish	Amish	Amish	Amish	Amish	Amish	Amish	Amish	Amish	Amish	Amish	Amish	Amish	Amish	Amish	Amish
13	2000640100015	Aniket Agarwal	VI	Anik	Anik	Anik	Anik	Anik	Anik	Anik	Anik	Anik	Anik	Anik	Anik	Anik	Anik	Anik	Anik	Anik	Anik	Anik	Anik	Anik
14	2000640100016	Anjali Agarwal	VI	Anjal	Anjal	Anjal	Anjal	Anjal	Anjal	Anjal	Anjal	Anjal	Anjal	Anjal	Anjal	Anjal	Anjal	Anjal	Anjal	Anjal	Anjal	Anjal	Anjal	Anjal
15	2000640100018	Ansh Shivhare	VI	Ansh	Ansh	Ansh	Ansh	Ansh	Ansh	Ansh	Ansh	Ansh	Ansh	Ansh	Ansh	Ansh	Ansh	Ansh	Ansh	Ansh	Ansh	Ansh	Ansh	Ansh
16	2000640100019	Ansh Upadhyay	VI	Ansh	Ansh	Ansh	Ansh	Ansh	Ansh	Ansh	Ansh	Ansh	Ansh	Ansh	Ansh	Ansh	Ansh	Ansh	Ansh	Ansh	Ansh	Ansh	Ansh	Ansh
17	2000640100020	Anshul Singh	VI	Ansh	Ansh	Ansh	Ansh	Ansh	Ansh	Ansh	Ansh	Ansh	Ansh	Ansh	Ansh	Ansh	Ansh	Ansh	Ansh	Ansh	Ansh	Ansh	Ansh	Ansh
18	2000640100021	Antra Bansal	VI	Antra	Antra	Antra	Antra	Antra	Antra	Antra	Antra	Antra	Antra	Antra	Antra	Antra	Antra	Antra	Antra	Antra	Antra	Antra	Antra	Antra
19	2000640100022	Anurag Sharma	VI	Anur	Anur	Anur	Anur	Anur	Anur	Anur	Anur	Anur	Anur	Anur	Anur	Anur	Anur	Anur	Anur	Anur	Anur	Anur	Anur	Anur
20	2000640100023	Apaar Srivastava	VI	Apaar	Apaar	Apaar	Apaar	Apaar	Apaar	Apaar	Apaar	Apaar	Apaar	Apaar	Apaar	Apaar	Apaar	Apaar	Apaar	Apaar	Apaar	Apaar	Apaar	Apaar
21	2000640100024	Aradhya Shukla	VI	Aradh	Aradh	Aradh	Aradh	Aradh	Aradh	Aradh	Aradh	Aradh	Aradh	Aradh	Aradh	Aradh	Aradh	Aradh	Aradh	Aradh	Aradh	Aradh	Aradh	Aradh
22	2000640100025	Arjun Singh	VI	Arjun	Arjun	Arjun	Arjun	Arjun	Arjun	Arjun	Arjun	Arjun	Arjun	Arjun	Arjun	Arjun	Arjun	Arjun	Arjun	Arjun	Arjun	Arjun	Arjun	Arjun
23	2000640100026	Arpita Singh Sengar	VI	Arpita	Arpita	Arpita	Arpita	Arpita	Arpita	Arpita	Arpita	Arpita	Arpita	Arpita	Arpita	Arpita	Arpita	Arpita	Arpita	Arpita	Arpita	Arpita	Arpita	Arpita
24	2000640100027	Arun Kashyap	VI	Arun	Arun	Arun	Arun	Arun	Arun	Arun	Arun	Arun	Arun	Arun	Arun	Arun	Arun	Arun	Arun	Arun	Arun	Arun	Arun	Arun
25	2000640100028	Ashish Chaudhary	VI	Ashish	Ashish	Ashish	Ashish	Ashish	Ashish	Ashish	Ashish	Ashish	Ashish	Ashish	Ashish	Ashish	Ashish	Ashish	Ashish	Ashish	Ashish	Ashish	Ashish	Ashish
26	2000640100029	Ashish Sen	VI	Ashish	Ashish	Ashish	Ashish	Ashish	Ashish	Ashish	Ashish	Ashish	Ashish	Ashish	Ashish	Ashish	Ashish	Ashish	Ashish	Ashish	Ashish	Ashish	Ashish	Ashish
27	2000640100030	Avinash Yadav	VI	Avin	Avin	Avin	Avin	Avin	Avin	Avin	Avin	Avin	Avin	Avin	Avin	Avin	Avin	Avin	Avin	Avin	Avin	Avin	Avin	Avin
28	2000640100031	Ayush Gautam	VI	Ayush	Ayush	Ayush	Ayush	Ayush	Ayush	Ayush	Ayush	Ayush	Ayush	Ayush	Ayush	Ayush	Ayush	Ayush	Ayush	Ayush	Ayush	Ayush	Ayush	Ayush
29	2000640100032	Ayush Gupta	VI	Ayush	Ayush	Ayush	Ayush	Ayush	Ayush	Ayush	Ayush	Ayush	Ayush	Ayush	Ayush	Ayush	Ayush	Ayush	Ayush	Ayush	Ayush	Ayush	Ayush	Ayush
30	2000640100034	Bhanu Pratap	VI	Bhanu	Bhanu	Bhanu	Bhanu	Bhanu	Bhanu	Bhanu	Bhanu	Bhanu	Bhanu	Bhanu	Bhanu	Bhanu	Bhanu	Bhanu	Bhanu	Bhanu	Bhanu	Bhanu	Bhanu	Bhanu

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31	2000640100035	Brahamjeet Singh	VI	Brah	Brah	Brah	Brah	Brah	Brah	Brah	Brah	Brah	Brah	Brah	Brah	Brah	Brah	Brah	Brah	Brah
32	2000640100036	Chirag Ramnani	VI	Chir	Chir	Chir	Chir	Chir	Chir	Chir	Chir	Chir	Chir	Chir	Chir	Chir	Chir	Chir	Chir	Chir
33	2000640100037	Devansh Mishra	VI	Dev	Dev	Dev	Dev	Dev	Dev	Dev	Dev	Dev	Dev	Dev	Dev	Dev	Dev	Dev	Dev	Dev
34	2000640100038	Devanshi Patel	VI	Dev	Dev	Dev	Dev	Dev	Dev	Dev	Dev	Dev	Dev	Dev	Dev	Dev	Dev	Dev	Dev	Dev
35	2000640100039	Dhruv Gautam	VI	Dhru	Dhru	Dhru	Dhru	Dhru	Dhru	Dhru	Dhru	Dhru	Dhru	Dhru	Dhru	Dhru	Dhru	Dhru	Dhru	Dhru
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37	2000640100042	Divya Singh	VI	Divy	Divy	Divy	Divy	Divy	Divy	Divy	Divy	Divy	Divy	Divy	Divy	Divy	Divy	Divy	Divy	Divy
38	2000640100043	Divyansh Bhirag	VI	Divy	Divy	Divy	Divy	Divy	Divy	Divy	Divy	Divy	Divy	Divy	Divy	Divy	Divy	Divy	Divy	Divy
39	2000640100044	Divyanshi Yadav	VI	Divy	Divy	Divy	Divy	Divy	Divy	Divy	Divy	Divy	Divy	Divy	Divy	Divy	Divy	Divy	Divy	Divy
40	2000640100045	Ekansh Kulshrestha	VI	Ekans	Ekans	Ekans	Ekans	Ekans	Ekans	Ekans	Ekans	Ekans	Ekans	Ekans	Ekans	Ekans	Ekans	Ekans	Ekans	Ekans
41	2000640100046	Gagan Kapoor	VI	Gagan	Gagan	Gagan	Gagan	Gagan	Gagan	Gagan	Gagan	Gagan	Gagan	Gagan	Gagan	Gagan	Gagan	Gagan	Gagan	Gagan
42	2000640100047	Garv Jain	VI	Garv	Garv	Garv	Garv	Garv	Garv	Garv	Garv	Garv	Garv	Garv	Garv	Garv	Garv	Garv	Garv	Garv
43	2000640100049	Gaurav Saraswat	VI	Gaur	Gaur	Gaur	Gaur	Gaur	Gaur	Gaur	Gaur	Gaur	Gaur	Gaur	Gaur	Gaur	Gaur	Gaur	Gaur	Gaur
44	2000640100050	Harsh Bhardwaj	VI	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh
45	2000640100051	Harsh Jain	VI	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh
46	2000640100052	Harsh Sharma	VI	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh
47	2000640100053	Harsh Yadav	VI	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh
48	2000640100055	Harshita Nagar	VI	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh
49	2000640100056	Himanshu Chauhan	VI	Himan	Himan	Himan	Himan	Himan	Himan	Himan	Himan	Himan	Himan	Himan	Himan	Himan	Himan	Himan	Himan	Himan
50	2000640100057	Himanshu Singh	VI	Himan	Himan	Himan	Himan	Himan	Himan	Himan	Himan	Himan	Himan	Himan	Himan	Himan	Himan	Himan	Himan	Himan
51	2000640100059	Kanchan Yadav	VI	Kanch	Kanch	Kanch	Kanch	Kanch	Kanch	Kanch	Kanch	Kanch	Kanch	Kanch	Kanch	Kanch	Kanch	Kanch	Kanch	Kanch
52	2000640100060	Karan Kumar	VI	Karan	Karan	Karan	Karan	Karan	Karan	Karan	Karan	Karan	Karan	Karan	Karan	Karan	Karan	Karan	Karan	Karan
53	2000640100065	Krishna Gupta	VI	Krish	Krish	Krish	Krish	Krish	Krish	Krish	Krish	Krish	Krish	Krish	Krish	Krish	Krish	Krish	Krish	Krish
54	2000640100062	Khushi Mittal	VI	Khushi	Khushi	Khushi	Khushi	Khushi	Khushi	Khushi	Khushi	Khushi	Khushi	Khushi	Khushi	Khushi	Khushi	Khushi	Khushi	Khushi
55	2000640100063	Krishan Gopal Patha	VI	Krish	Krish	Krish	Krish	Krish	Krish	Krish	Krish	Krish	Krish	Krish	Krish	Krish	Krish	Krish	Krish	Krish
56	2000640100064	Krishan Kumar Rawa	VI	Krish	Krish	Krish	Krish	Krish	Krish	Krish	Krish	Krish	Krish	Krish	Krish	Krish	Krish	Krish	Krish	Krish
57	2000640100061	Khushi Gupta	VI	Khushi	Khushi	Khushi	Khushi	Khushi	Khushi	Khushi	Khushi	Khushi	Khushi	Khushi	Khushi	Khushi	Khushi	Khushi	Khushi	Khushi
58	2000640100066	Kuldeep Singh	VI	Kulde	Kulde	Kulde	Kulde	Kulde	Kulde	Kulde	Kulde	Kulde	Kulde	Kulde	Kulde	Kulde	Kulde	Kulde	Kulde	Kulde
59	2000640100070	Mangal Pratap Dube	VI	Mang	Mang	Mang	Mang	Mang	Mang	Mang	Mang	Mang	Mang	Mang	Mang	Mang	Mang	Mang	Mang	Mang
60	2000640100071	Mayank Kushwaha	VI	Mayan	Mayan	Mayan	Mayan	Mayan	Mayan	Mayan	Mayan	Mayan	Mayan	Mayan	Mayan	Mayan	Mayan	Mayan	Mayan	Mayan
61	2000640100072	Mohammad Shahza	VI	Moham	Moham	Moham	Moham	Moham	Moham	Moham	Moham	Moham	Moham	Moham	Moham	Moham	Moham	Moham	Moham	Moham
62	2000640100073	Mohil Kumar	VI	Mohil	Mohil	Mohil	Mohil	Mohil	Mohil	Mohil	Mohil	Mohil	Mohil	Mohil	Mohil	Mohil	Mohil	Mohil	Mohil	Mohil
63	2000640100074	Nandini Gupta	VI	Nandin	Nandin	Nandin	Nandin	Nandin	Nandin	Nandin	Nandin	Nandin	Nandin	Nandin	Nandin	Nandin	Nandin	Nandin	Nandin	Nandin
64	2000640100075	Nikhil Rathore	VI	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil
65	2000640100076	Nishant Chauhan	VI	Nishan	Nishan	Nishan	Nishan	Nishan	Nishan	Nishan	Nishan	Nishan	Nishan	Nishan	Nishan	Nishan	Nishan	Nishan	Nishan	Nishan
66	2000640100077	Nitanshi Agarwal	VI	Nitans	Nitans	Nitans	Nitans	Nitans	Nitans	Nitans	Nitans	Nitans	Nitans	Nitans	Nitans	Nitans	Nitans	Nitans	Nitans	Nitans
67	2000640100078	Owais Raza	VI	Owais	Owais	Owais	Owais	Owais	Owais	Owais	Owais	Owais	Owais	Owais	Owais	Owais	Owais	Owais	Owais	Owais
68	2000640100079	Paras Gupta	VI	Paras	Paras	Paras	Paras	Paras	Paras	Paras	Paras	Paras	Paras	Paras	Paras	Paras	Paras	Paras	Paras	Paras
69	2000640100080	Piyush Kumar	VI	Piyush	Piyush	Piyush	Piyush	Piyush	Piyush	Piyush	Piyush	Piyush	Piyush	Piyush	Piyush	Piyush	Piyush	Piyush	Piyush	Piyush
70	2000640100081	Poorva Singh	VI	Poorva	Poorva	Poorva	Poorva	Poorva	Poorva	Poorva	Poorva	Poorva	Poorva	Poorva	Poorva	Poorva	Poorva	Poorva	Poorva	Poorva
71	2000640100082	Pradeep Kumar	VI	Prade	Prade	Prade	Prade	Prade	Prade	Prade	Prade	Prade	Prade	Prade	Prade	Prade	Prade	Prade	Prade	Prade
72	2000640100083	Prakhar Saxena	VI	Prakhar	Prakhar	Prakhar	Prakhar	Prakhar	Prakhar	Prakhar	Prakhar	Prakhar	Prakhar	Prakhar	Prakhar	Prakhar	Prakhar	Prakhar	Prakhar	Prakhar
73	2000640100084	Priya Sharma	VI	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya

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75	2000640100086	Priyanshu Verma	VI	Handwritten
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105	2000640100120	Yashank Gupta	VI	Handwritten
106	2000640100121	Yogesh Shukla	VI	Handwritten
107	2000640100122	Yuvraj Baral	VI	Handwritten
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112	2100640109006	Priyansh Pachauri	VI	Handwritten
113	2100640109008	Sariq Khan	VI	Handwritten
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115	2100640109003	Kunjan Baghel	VI	Handwritten
116	2100640109010	Yashveer Singh	VI	Handwritten

117	2100640109005	Praphull Chandra	VI	<i>Praphull Chandra</i>
118	2100640109002	Girish Kumar	VI	<i>Girish Kumar</i>

Praphull Chandra
 Head
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P. S. ...
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Head*

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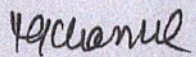


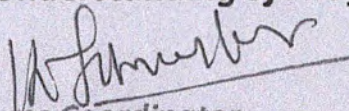
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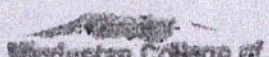
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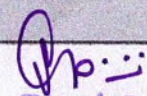
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*This is to certify that **Abhishek Kumar** Roll No 2000640100004 Department of Computer Science & Engineering has successfully completed 30 hours of Value Added Course VCS2302 titled "Basic Understanding of Artificial Intelligence".*


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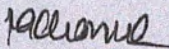


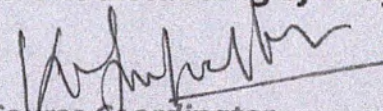
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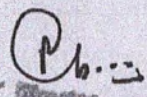
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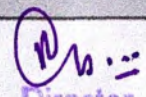
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*This is to certify that **Harsh Jain** Roll No 200640100051 Department of
Computer Science & Engineering has successfully completed 30 hours of Value Added
Course VCS2302 titled "Basic Understanding of Artificial Intelligence".*


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