

Hindustan College of Science & Technology, Farah, Mathura
Department of Civil Engineering

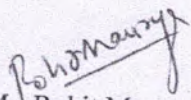
HCST/CE/ ODD/2021-22

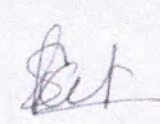
Date: 16.09.2021

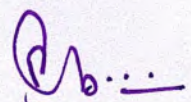
NOTICE

All the students are hereby informed that the department of Civil Engineering is going to organize a training course in "AutoCAD" (30 hrs. teaching+ practice session) in the department from 25-09-2021.

All students of the 2nd and 3rd years are required to register themselves before the commencement of the course. For any queries, you can talk to the course coordinator.


Mr. Rohit Maurya
Course Coordinator


Mr. Saket Bihari
HOD, Department of Civil Engg.
Hindustan College of Science & Technology
Farah, Mathura


Director
Hindustan College of
Science & Technology
FARAH (MATHURA)



HINDUSTAN COLLEGE OF SCIENCE & TECHNOLOGY,
FARAH -MATHURA

DEPARTMENT OF CIVIL ENGINEERING



Value Added Course

VCE2101 - AutoCAD Essential

25th Sept 2021 – 11th Dec 2021 - Every Saturday: 3:10 PM – 4:50 PM

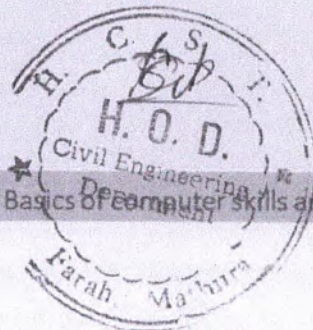


By

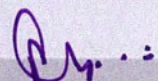
Mr. Rohit Maurya
Assistant Professor, Civil Engineering
Hindustan College of Science & Technology, Farah (Mathura)

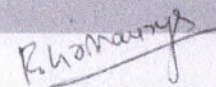
Registration Dates
25th Sept '2021 – 11st Dec 2021

For Registration: Please contact
Mr. Anil Kashyap, Office Staff, Department of CE



Prerequisites: Basics of computer skills and engineering drawing


Director
Hindustan College of
Science & Technology
FARAH (MATHURA)





HINDUSTAN COLLEGE OF SCIENCE & TECHNOLOGY,
FARAH -MATHURA



DEPARTMENT OF CIVIL ENGINEERING

Value Added Course

VCE2101 - AutoCAD Essential

25th Sept 2021 – 11th Dec 2021 - Every Saturday: 3:10 PM – 4:50 PM

Course Objectives

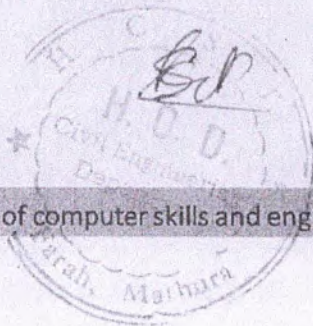
The main objective of this value added course are as follows:

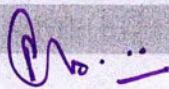
1. Learn about Structural Drawings
2. Planning and drawing of various structures
3. Structural Drawing of buildings

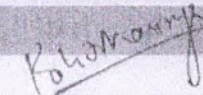
Course Syllabus

Units	Details	Course Out comes
1	Introduction of AUTOCAD, Draw commands, Cartesian coordinate system, Modify commands	CO1
2	Text command layers blocks, Isometric drawings, 2D fundamentals, Geometric constructions	CO2
3	Elevations, AutoCAD interface, Sketch entities & sketch tools, Dimensions & Dimensions Styles	CO3
4	Equations, Design Table, & Configurations, Isometric Views, Creating & Editing Text	CO4
5	Sketch Visualization & Sketch Analysis, Geometry & Dimensional Constraints, Principles of planning of building	CO5

Prerequisites: Basics of computer skills and engineering drawing




Director
Hindustan College of
Science & Technology
FARAH (MATHURA)





HINDUSTAN COLLEGE OF SCIENCE & TECHNOLOGY,
FARAH -MATHURA



DEPARTMENT OF CIVIL ENGINEERING

Value Added Course

VCE2101 - AutoCAD Essential

25th Sept 2021 – 11th Dec 2021 - Every Saturday: 3:10 PM – 4:50 PM

Course Outcomes:

After completion of the course student will be able to:

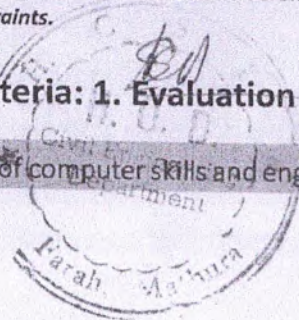
- CO1 Student will be able to complete object-oriented instinctive 2D/3D graphic model generation
- CO2 Student will know the use of simple command language and built-in command file editor.
- CO3 Student will be able to draw concrete beams/columns/slabs/footings as per all major.
- CO4 Student will be able to create tables , make isometric view, also create editing text
- CO5 Student will be able to Sketch Visualization & Sketch Analysis, Geometry & Dimensional Constraints.

CO-PO Mappings

COS	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	2											3		
CO2	3		2										2	1	
CO3		3		2									2		
CO4		3	2	2									3	1	
CO5	2	2		3									2		
Average	2.6	2.5	2	2.3									2.4	1	

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

Prerequisites: Basics of computer skills and engineering drawing



Bohmanya

Director

Director
Hindustan College of
Science & Technology
FARAH (MATHURA)



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

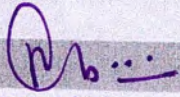


Value Added Course
VCE2101 - AutoCAD Essential
25th Sept 2021 – 11th Dec 2021 - Every Saturday: 3:10 PM – 4:50 PM

Course Schedule

Session	Date	Time	No of Hours	Session Topic	Resource Person
1	9/25/2021	3:10 PM – 4:50 PM	2	Topic 1: Introduction of AUTOCAD,	Rohit Maurya
2	10/9/2021	3:10 PM – 4:50 PM	2	Topic 2: Draw commands, Cartesian coordinate system,	Rohit Maurya
3	10/15/2021	3:10 PM – 4:50 PM	2	Topic 3: Modify commands, Text command layers blocks,	Rohit Maurya
4	10/23/2021	3:10 PM – 4:50 PM	2	Topic 4: Isometric drawings, 2D fundamentals,	Rohit Maurya
5	10/29/2021	3:10 PM – 4:50 PM	2	Topic 5: Geometric constructions Elevations	Rohit Maurya
6	10/30/2021	3:10 PM – 4:50 PM	3	Topic 6:, AutoCAD interface, Sketch entities & sketch tools,	Rohit Maurya
7	11/12/2021	3:10 PM – 4:50 PM	2	Topic 7: Dimensions & Dimensions Styles	Rohit Maurya
8	11/13/2021	3:10 PM – 4:50 PM	3	Topic 8: Equations, Design Table,	Rohit Maurya
9	11/20/2021	3:10 PM – 4:50 PM	3	Topic 9: & Configurations, Isometric Views,	Rohit Maurya
10	11/26/2021	3:10 PM – 4:50 PM	2	Topic 10: Creating & Editing Text	Rohit Maurya
11	11/27/2021	3:10 PM – 4:50 PM	3	Topic 11: Sketch Visualization & Sketch Analysis, Geometry &	Rohit Maurya
12	12/3/2021	3:10 PM – 4:50 PM	2	Topic 12: Dimensional Constraints,	Rohit Maurya
13	12/4/2021	3:10 PM – 4:50 PM	3	Topic 13: Principles of planning of building	Rohit Maurya
14	12/10/2021	3:10 PM – 4:50 PM	2	Project	Rohit Maurya
15	12/11/2021	3:10 PM – 4:50 PM	3	Project Evaluation	Rohit Maurya
Total Number of Hours covered			36*(5/6)=30		

Prerequisites: Basics of computer skills and engineering drawing


Director
Hindustan College of
Science & Technology
FARAH (MATHURA)

Rohit Maurya



Hindustan College of Science and Technology - Mathura

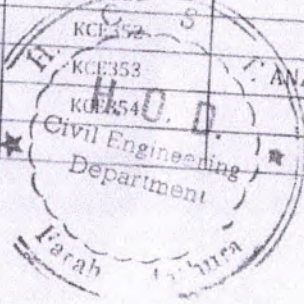
Department Name: Civil Engineering

CLASS TIME TABLE FOR Odd SEMESTER 2021-22

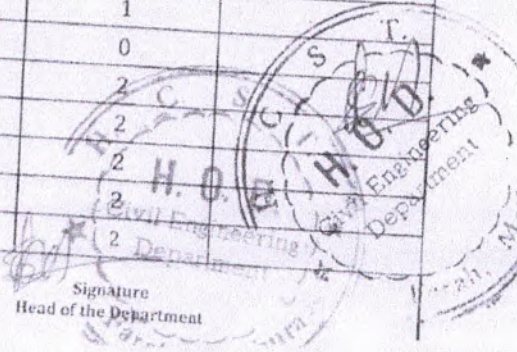
SESSION:	2021-22			W.E.F:	29.09.2021	CLASS TEACHER:	Anand Prabhat Verma		
YEAR/SEM-SEC:	2nd year / 3rd SEM/ A			ROOM.NO:	354	COUNSELLORS:	Anand Prabhat Verma		
Time / Day	I 10:10-11:00	II 11:00-11:50	III 11:50-12:40	IV 12:40-1:30	V 1:30-2:20	VI 2:20-3:10	VII 3:10-4:00	VIII 4:00-4:50	
MONDAY	ESE (RKT)	EM (SA)	FM (RM)	S&G (APV)	L U N C H B R E A K	FM LAB		CSS (AB) ME (MEDIA)	
TUESDAY	TC (T) (MS)	PDP		EM (SA)		ESE (RKT)	Mini Project or Internship Assessment*		
WEDNESDAY	FM (RM)	TC (MS)	ESE (RKT)	CSS		PDP		EM EXTRA CLASS	
THURSDAY	S&G (APV)	TC (MS)	FM (T) (RM)	EM (SA)		S&G (T) (APV)	Surveying and Geomatics Lab		
FRIDAY	FM (RM)	BPD LAB		EM (SA)		ESE (RKT)	S&G (APV)	FM EXTRA CLASS	
SATURDAY	ESE (T) (RKT)	CSS	TC (MS)	EM (T) (SA)		S&G (APV)	Skill Development lab		

Subject Name	Subject Code	Faculty Name	Total No. of Lect./Tut./Practical		
			Lect.	Tut.	Pract.
Engineering Mechanics (EM)	KCE301	Dr. Sandeep Agarwal (SA)	4	1	
Surveying and Geomatics (S&G)	KCE302	ANAND PRABHAT VERMA (APV)	4	1	
Fluid Mechanics (FM)	KCE303	ROHIT MAURYA (RM)	4	1	
Energy Science & Engineering (ESE)	KOE033	Dr. R.K. TIWARI (RKT)	4	1	
Technical Communication	KVE301	Dr. Mamta Sharma (MS)	3	1	
Computer System Security (CSS)	KNC302	Atul Barsaiyan (AB)	3	0	
Building Planning & Drawing Lab	KCE351	Kuldeep (KK)	2	0	
Surveying and Geomatics Lab	KCE352	Saket Bihari (SB)	2	0	
Fluid Mechanics Lab	KCE353	ANAND PRABHAT VERMA	2	0	
Mini Project or Internship Assessment*	KCE354	Saket Bihari (SB)	2	0	
Skill Development lab		Anand Prabhat Verma	2	0	

Signature
Time Table Incharge



Signature
Director
Hindustan College of
Science & Technology
FARAH (MATHURA)




Hindustan College of Science and Technology - Mathura

Department Name: Civil Engineering

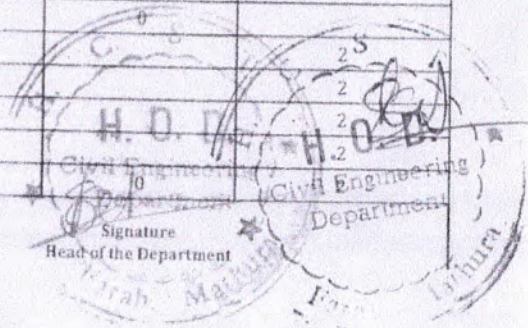
CLASS TIME TABLE FOR Odd SEMESTER 2021-22

SESSION:	2020-21		W.E.F :	29.09.2021	CLASS TEACHER:	Rohit Maurya		
YEAR/SEM-SEC:	3rd year / Vth SEM/ A		ROOM NO :		COUNSELLORS:	Rohit Maurya		
Time / Day	I 10:10-11:00	II 11:00-11:50	III 11:50-12:40	IV 12:40-1:30	V 1:30-2:20	VI 2:20-3:10	VII 3:10-4:00	VIII 4:00-4:50
MONDAY	EH (SB)	CT (APV)	SA (KK)	GE (RM)	L U N C H B R E A K	QECM (RM)	CAD LAB (KK)	
TUESDAY	GE (RM)	EH (SB)	QECM (RM)	CT (APV)		PDP		GE EXTRA CLASS
WEDNESDAY	EH (SB)	CT (APV)	SA (KK)	GE (T) (RM)		QECM (RM)	QE&M LAB (APV)	
THURSDAY	GE (RM)	PDP		SA (T) (KK)		COI (SS)	MINI PROJECT	
FRIDAY	EH (SB)	CT (APV)	GEOTECH LAB (RM)			COI (SS)	QECM (RM)	SA EXTRA CLASS
SATURDAY	EH (T) (SB)	CT (T) (APV)	SA (KK)	QECM (T) (RM)		COI (SS)	Skill Development lab	

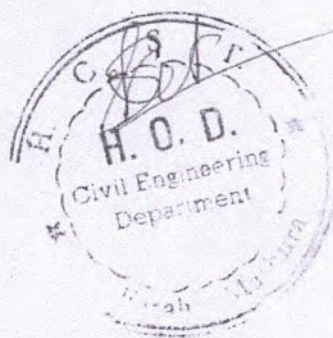
Name of the Subject	Subject Code	Name of the Faculty	Total No. of Lect./Tut./Practical		
			Lect.	Tut.	Pract.
Geotechnical Engineering (GE)	KCE-501	Rohit Maurya	4	1	
Structural Analysis (SA)	KCE-502	Kuldeep Kushwaha	4	1	
Quantity Estimation and construction Management (QE&CM)	KCE-503	Rohit Maurya	4	1	
Concrete Technology (CT)	KCE-051	ANAND PRABHAT VERMA	4	1	
Engineering Hydrology	KCE-055	SAKET BIHARI	4	1	
Constitution of India (SS)	KNC-501	Shashi Shekhar	3		
CAD LAB	KCE-551	Kuldeep			0
Geotechnical Engineering Lab	KCE-552	Rohit Maurya			
Quantity Estimation and Management Lab	KCE-553	ANAND PRABHAT VERMA			
Mini Project or Internship Assessment	KCE-554	ANAND PRABHAT VERMA			
Skill Development lab		ANAND PRABHAT VERMA			0

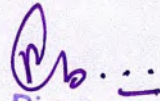
Signature
Time Table Incharge: 

Director
Hindustan College of
Science & Technology
FARAH (MATHURA)

H.O.D.
Civil Engineering
Department
Mathura


Hindustan College of Science & Technology, Farah (Mathura)					
Department of Civil Engineering					
Value Added Course - Registration Form					
Course Name: AutoCAD Essential			Course Code:VCE2101		
Session: 2021-22			From 25/09/2021 To 11/12/2021		
Sr. No.	Roll No.	Name	Department	Semester	Signature
1	2000640000001	Aman Rajput	Civil	III	Aman
2	2000640000002	Amar Singh	Civil	III	Amar
3	2000640000003	Mayank Singh	Civil	III	mayank Singh
4	2000640000005	Shivansh Bhardwaj	Civil	III	Shivansh
5	2000640000006	Shubham Kumar	Civil	III	shubhamkumar
6	2000640000007	Vikash Rajput	Civil	III	Vikash Rajput
7	2100640009003	Dheeraj	Civil	III	Dheeraj
8	2100640009002	Ayush Sharma	Civil	III	Ayush
9	2100640009004	Pratham Sikarwar	Civil	III	Pratham
10	1900640000001	Akshat Kumar Rao	Civil	V	Akshat
11	1900640000002	Ankit Kumar	Civil	V	Ankit Kumar
12	1900640000003	Bhanu	Civil	V	Bhanu
13	1900640000004	Omprakash Thakur	Civil	V	Omprakash
14	1900640000005	Pragyan Kumar Ghosh	Civil	V	Pragyan
15	1900640000007	Rajat Singh	Civil	V	Rajat
16	1900640000008	Shivam Yadav	Civil	V	Shivam
17	1900640000009	Viraj Sharma	Civil	V	Viraj
18	2000640009001	Deepak Kumar	Civil	V	Deepak Kumar
19	2000640009002	Pranjal Soni	Civil	V	Pranjal




 Director
 Hindustan College of
 Science & Technology
 FARAH (MATHURA)

Hindustan College of Science & Technology, Farah (Mathura)

Department of Civil Engineering

Value Added Course - Attendance sheet

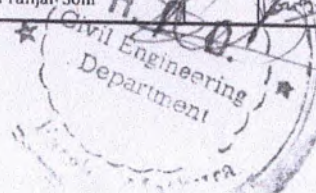
Course Name: Introduction to AUTOCAD Essential

Course Code: VCE2101

Session 2021-22 (Year 2021)

Session wise Attendance Sheet

S. No.	Roll No.	Name	SEM	Session	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15			
				Date	25-Sep	9-OCT	15-OCT	23-OCT	29-OCT	30-OCT	12-NOV	13-NOV	20-NOV	26-NOV	27-NOV	3-DEC	4-DEC	10-DEC	11-DEC			
				Time	03.10-04.50	03.10-04.50	03.10-04.50	03.10-04.50	03.10-04.50	03.10-04.50	03.10-04.50	03.10-04.50	02.20-4.50	02.20-4.50	03.10-04.50	02.20-4.50	03.10-04.50	02.20-4.50	03.10-04.50	02.20-4.50	03.10-04.50	02.20-4.50
				Period	2	2	2	2	2	3	2	3	3	3	3	3	2	3	2	3	2	3
1	2000640000001	Aman Rajput	III	Aman	A	Aman	A	Aman	Aman	Aman	Aman	Aman	Aman	Aman	Aman	Aman	Aman	Aman	Aman	Aman		
2	2000640000002	Amar Singh	III	Amar	A	Amar	Amar	A	Aman	Aman	Aman	Aman	Aman	Aman	Aman	Aman	Aman	Aman	Aman	Aman		
3	2000640000003	Mayank Singh	III	Mayank	Mayank	Mayank	A	Mayank	A	Mayank	Mayank	Mayank	Mayank	Mayank	A	Mayank	Aman	Aman	Aman	Aman		
4	2000640000005	Shivansh Bhardwaj	III	Shivansh	Shivansh	A	Shivansh	Shivansh	Shivansh	Shivansh	Shivansh	Shivansh	A	Shivansh	Shivansh	Shivansh	Shivansh	Shivansh	Shivansh	Shivansh		
5	2000640000006	Shubham Kumar	III	Shubham	Shubham	A	Shubham	Shubham	Shubham	Shubham	Shubham	Shubham	A	Shubham	Shubham	Shubham	A	Shubham	Shubham	Shubham		
6	2000640000007	Vikash Rajput	III	Vikash	Vikash	Vikash	Vikash	Vikash	Vikash	Vikash	A	Vikash	Vikash	Vikash	Vikash	Vikash	Vikash	Vikash	Vikash	Vikash		
7	2100640009003	Dheeraj	III	Dheeraj	A	Dheeraj	A	Dheeraj	Dheeraj	Dheeraj	A	Dheeraj	Dheeraj	A	Dheeraj	Dheeraj	Dheeraj	Dheeraj	Dheeraj	Dheeraj		
8	2100640009002	Ayush Sharma	III	Ayush	Ayush	Ayush	A	Ayush	Ayush	Ayush	Ayush	Ayush	Ayush	A	Ayush	Ayush	Ayush	Ayush	Ayush	Ayush		
9	2100640009004	Pratham Sikarwar	III	Pratham	Pratham	Pratham	A	Pratham	Pratham	Pratham	Pratham	Pratham	Pratham	Pratham	Pratham	Pratham	Pratham	Pratham	Pratham	Pratham		
10	1900640000001	Akshat Kumar Rao	V	Akshat	Akshat	Akshat	A	Akshat	Akshat	Akshat	Akshat	Akshat	Akshat	Akshat	Akshat	Akshat	Akshat	Akshat	Akshat	Akshat		
11	1900640000002	Ankit Kumar	V	Ankit	Ankit	Ankit	A	Ankit	Ankit	Ankit	Ankit	Ankit	Ankit	A	Ankit	Ankit	Ankit	Ankit	Ankit	Ankit		
12	1900640000003	Bhanu	V	Bhanu	Bhanu	Bhanu	A	Bhanu	Bhanu	Bhanu	A	Bhanu	Bhanu	Bhanu	Bhanu	Bhanu	Bhanu	Bhanu	Bhanu	Bhanu		
13	1900640000004	Omprakash Thakur	V	Omprakash	Omprakash	Omprakash	Omprakash	Omprakash	Omprakash	Omprakash	Omprakash	Omprakash	Omprakash	Omprakash	Omprakash	Omprakash	Omprakash	Omprakash	Omprakash	Omprakash		
14	1900640000005	Pragyan Kumar Ghosh	V	Pragyan	Pragyan	Pragyan	Pragyan	Pragyan	A	Pragyan	Pragyan	Pragyan	Pragyan	Pragyan	Pragyan	Pragyan	Pragyan	Pragyan	Pragyan	Pragyan		
15	1900640000007	Rajat Singh	V	Rajat	Rajat	Rajat	Rajat	Rajat	Rajat	Rajat	Rajat	Rajat	Rajat	A	Rajat	Rajat	Rajat	Rajat	Rajat	Rajat		
16	1900640000008	Shivam Yadav	V	Shivam	Shivam	A	Shivam	Shivam	Shivam	Shivam	Shivam	Shivam	Shivam	Shivam	Shivam	A	Shivam	Shivam	Shivam	Shivam		
17	1900640000009	Viraj Sharma	V	Viraj	Viraj	A	Viraj	Viraj	Viraj	Viraj	Viraj	Viraj	Viraj	Viraj	Viraj	Viraj	Viraj	Viraj	Viraj	Viraj		
18	2000640009001	Deepak Kumar	V	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	A	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak		
19	2000640009002	Pranjal/Soni	V	Pranjal	Pranjal	Pranjal	A	Pranjal	Pranjal	Pranjal	Pranjal	Pranjal	Pranjal	Pranjal	Pranjal	Pranjal	Pranjal	Pranjal	Pranjal	Pranjal		



Director
Hindustan College of
Science & Technology
FARAH (MATHURA)



HINDUSTAN COLLEGE OF SCIENCE & TECHNOLOGY
FARAH -MATHURA



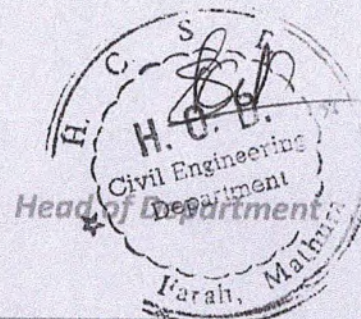
Certificate of Completion

Department of Civil Engineering

Academic Session 2021-22

This is to certify that Mr. Bhanu (Roll No: 1900640000003), Department of Civil Engineering has successfully completed 30 hours of Value Added Course VCE2101 titled "AutoCAD Essential".

[Signature]
Course Coordinator



[Signature]
Director

[Signature]
Director
Hindustan College of
Science & Technology
FARAH (MATHURA)



HINDUSTAN COLLEGE OF SCIENCE & TECHNOLOGY
FARAH -MATHURA

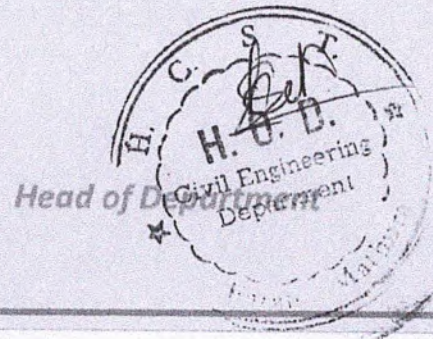


Certificate of Completion

Department of Civil Engineering
Academic Session 2021-22

This is to certify that Mr. Pranjal Soni (Roll No: 2000640009002), Department of Civil Engineering has successfully completed 30 hours of Value Added Course VCE2101 titled "AutoCAD Essential".

R. Sharma
Course Coordinator



P. S. ...
Director

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