

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

Date: 07.09. 2021

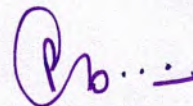
Notice

All the students of Department of Mechanical Engineering are hereby informed that the registration for value added course "Autocad (VME2105)" will be started from 8th Sep 2021 and the last date for registration is 14th Sep 2021. The regular classes for value added course will be started from 18-Sep 2021. All of you are advised to register yourself timely.



HOD, Mechanical Engineering

Head
Department of Mechanical Engg.
Hindustan College of Science & Technology
Farah, Mathura



Director
Hindustan College of
Science & Technology
FARAH (MATHURA)



HINDUSTAN COLLEGE OF SCIENCE & TECHNOLOGY,
FARAH -MATHURA



DEPARTMENT MECHANICAL ENGINEERING

Value Added Course: Auto Cad
VME-2105 – Basics Design and Drafting on AutoCad

18th Sep '2021 – 30th Dec 2021 - Every Saturday: 2:20 PM – 4:00 PM



Students From Any Branch Can Join the Course



By

Mr. Mahesh Kumar Dhakar/Mr. Rajvardhan
Assistant Professor, Mechanical Engineering
Research Interest: Machine Design/Applied Mechanics

Registration Dates
8th Sep '2021 – 14th Sep 2021

For Registration: Please contact
Mrs. Geeta Gupta, Office Staff, Department of ME

Prerequisites: Basics of Knowledge of laws mechanics of solids & Computer

Department of Mechanical 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 MECHANICAL ENGINEERING

Value Added Course

VME-2105 – Basics Design and Drafting on AutoCad

18th Sep'2021 – 30th Dec 2021 - Every Saturday: 2:20 PM – 4:00 PM

Course Objectives

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

1. Become familiar with the AutoCAD user interface.
2. Understand the fundamental concepts and features of AutoCAD.
3. Use the precision drafting tools in AutoCAD to develop accurate technical drawings.
4. Present drawings in a detailed and visually impressive manner.
5. Develop a level of comfort and confidence with AutoCAD through hands-on experience.

Course Syllabus

Units	Details	Course Out comes
1	Introduction to Autodesk AutoCAD, Basic Drawing & Editing Commands, Projects - Creating a Simple Drawing, Drawing Precision in AutoCAD, Making Changes in Your Drawing, Projects - Making Your Drawings More Precise,	CO1
2	Organizing Your Drawing with Layers, Advanced Object Types, Analysing Model and Object Properties , Projects - Drawing Organization & Information , Advanced Editing Commands	CO2
3	Inserting Blocks, Projects - Creating More Complex Objects , Setting Up a Layout, Printing Your Drawing	CO3
4	Preparing to Print, Text, Hatching, Adding Dimensions , Projects - Annotating You're Drawing	CO4



HINDUSTAN COLLEGE OF SCIENCE & TECHNOLOGY,
FARAH -MATHURA



DEPARTMENT OF MECHANICAL ENGINEERING

Value Added Course

VME-2105 – Basics Design and Drafting on AutoCad
18th Sep '2021 – 30th Dec 2021 - Every Saturday: 2:20 PM – 4:00 PM

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

Course Outcomes

Student will be able to:

1. Utilize the power and precision of AutoCAD as a drafting and design tool used in the mechanical design and manufacturing industries.
2. Apply basic CAD concepts to develop and construct accurate 2D geometry through creation of basic geometric constructions.
3. Create, manipulate and edit 2D drawings and figures.
4. Apply elements of mechanical drafting such as layers, dimensions, drawing formats, and 2D figures in projects with a focus on ANSI industry standards.

CO-PO Mappings

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

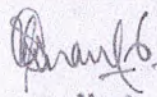
(Signature)

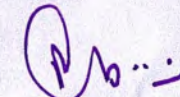
Director
Hindustan College of
Science & Technology
FARAH (MATHURA)

Value Added Course
VME-2105 – Basics Design and Drafting on AutoCad (Practical Oriented)
18th Sep '2021 – 30th Dec 2021 - Every Saturday: 2:20 PM – 4:00 PM

Program Schedule

Session	Date	Time	No of Hours	Session Topic	Resource Person
1	18-Sep	2:20 PM - 4:00 PM	2	Introduction to Autodesk AutoCAD	Mr. Mahesh Kumar Dhakar
2	25-Sep	2:20 PM - 4:00 PM	2	Basic Drawing & Editing Commands,	Mr. Mahesh Kumar Dhakar
3	9-Oct	2:20 PM - 4:00 PM	2	Drawing Precision in AutoCAD	Mr. Mahesh Kumar Dhakar
4	23-Oct	2:20 PM - 4:00 PM	2	Making Changes in Your Drawing	Mr. Mahesh Kumar Dhakar
5	30-Oct	2:20 PM - 4:00 PM	2	Projects - Making Your Drawings More Precise	Mr. Mahesh Kumar Dhakar
6	13-Nov	2:20 PM - 4:00 PM	2	Organizing Your Drawing with Layers	Mr. Mahesh Kumar Dhakar
7	20-Nov	2:20 PM - 4:00 PM	2	Advanced Object Types	Mr. Raj Vardhan
8	4-Dec	2:20 PM - 4:00 PM	2	Analysing Model and Object Properties	Mr. Raj Vardhan
9	11-Dec	2:20 PM - 4:00 PM	2	Advanced Editing Commands	Mr. Raj Vardhan
10	18-Dec	2:20 PM - 4:50 PM	3	Inserting Blocks	Mr. Raj Vardhan
11	+ 28-Dec	2:20 PM - 4:50 PM	3	Projects - Creating More Complex Objects	Mr. Raj Vardhan
12	+ 29-Dec	11:50 AM - 4:50 PM	6	Setting Up a Layout,	Mr. Raj Vardhan
13	+ 30-Dec	11:50 AM - 4:50 PM	6	Printing Your Drawing , Projects - Preparing to Print, Text, Adding	Mr. Raj Vardhan
Total Number of Hours covered			36		


Head
Department of Mechanical Engg.
Hindustan College of Science & Technology
Farah Mathura

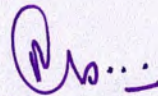

Director
Hindustan College of
Science & Technology
FARAH (MATHURA)

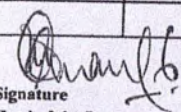
Hindustan College of Science and Technology - Mathura

Department of Mechanical Engineering

CLASS TIME TABLE								Effective from: _____
SESSION:2021-22				Class Teacher :		Mr. Raj Vardhan		
YEAR/SEM: 2nd Yr/ III Sem		Room No. : 154		Counsellor :		Mr. Rajeev Kumar Pandey		
Time / Day	I	II	III	IV	V	VI	VII	VIII
	10:10 - 11:00	11:00 - 11:50	11:50 - 12:40	12:40 - 01:30	01:30 - 02:20	02:20 - 03:10	03:10 - 04:00	04:00 - 04:50
MONDAY	E SC	ME	TH	FM	LUNCH BREAK	FM LAB		CSS
	RK	RV	RP	RM		RM		ATUL
TUESDAY	TC	ME	ME	FM		E SC	ME LAB	
	MS	RV	RV	RM		RK	PM	
WEDNESDAY	TH	TC	E SC	CSS		SLC FM	SLC ME	
	RP	MS	RK	ATUL		RM	RV	
THURSDAY	FM	TC	ME	TH		MDG LAB		
	RM	MS	RV	RP		RV		
FRIDAY	FM	PDP		TH		E SC	MINI PROJECT	
	RM			RP		RK	NKS	
SATURDAY	SLC E SC	SLC CSS	SLC TC	SLC TH		VALUE ADDED COURSE		
	RK	ATUL	MS	RP				
Subject S.No.	Subject code	Name of Subject	Abrv. Used	Name of the Faculty Member	Faculty code	Faculty mob. No		
1	KOE 033	Energy Sciences & Engineering	ESE	Dr. R.K.Tiwari	RKT	9568006051		
2	KAS 301	Technical Communication	TC	Dr. Mamta Sharma	MS	9568006055		
3	KME301	Thermodynamics	TH	Mr. Rajeev Kumar Pandey	RP	8430224799		
4	KME302	Fluid Mechanics & Fluid Machines	FM	Mr. Rohit Mittal	RM	8077315174		
5	KME303	Materials Engineering	ME	Mr. Raj Vardhan	RV	7906215124		
6	KME351	Fluid Mechanics Lab	FM LAB	Mr. Rohit Mittal	RM	8077315174		
7	KME352	Material Testing Lab	MT LAB	Dr. Puneet Mangla	PM	9568006050		
8	KME353	Computer Aided Machine Drawing-I Lab	CAMD LAB	Mr. Raj Vardhan	RV	7906215124		
9	KME354	Mini Project or Internship Assessment*	MP/I	Dr. Nishant Kumar Singh	NK	9997582969		
10	KNC301	Computer System Security	CSS	Mr. Atul Barsaiyan	AB	8958006661		
11	VME0005	VALUE ADDED COURSE	VAC	RAJ VARDHAN	RV	7906215124		

Signature
Time Table Incharge


Director
 Hindustan College of
 Science & Technology
 FARAH (MATHURA)


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

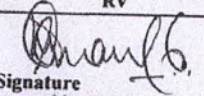
Hindustan College of Science and Technology - Mathura

Department of Mechanical Engineering

CLASS TIME TABLE (Tentative) Effective from: _____								
SESSION:2021-22				Room No. :		Class Teacher : Mr.R.Prasad		
YEAR/SEM: 3rd Yr/ V Sem						Counsellor :		
Time / Day	I	II	III	IV	V	VI	VII	VIII
	10:10 - 11:00	11:00 - 11:50	11:50 - 12:40	12:40 - 01:30	1:30 - 02:20	02:20 - 03:10	03:10 - 04:00	04:00 - 04:50
MONDAY	CIM	PDP		IE	LUNCH BREAK	SOM	MINI PROJECT OR INTERNSHIP ASSESSMENT	
	KG			NK		R PRASAD	PM	
TUESDAY	HMT	COI	AWT	IE		CIM	IOT LAB	
	SA	NKS	PM	NK		KG		
WEDNESDAY	SOM	IE	AWT	COI		SLC CIM	HMT	LIBRARY
	R PRASAD	NK	PM	NKS		KG	SA	
THURSDAY	CIM	SOM	HMT	AWT		PYTHON LAB		IE
	KG	R PRASAD	SA	PM				NK
FRIDAY	SOM	AWT	HMT	CIM		HMT LAB		
	R PRASAD	PM	SA	KG		SA		
SATURDAY	SLC HMT	SLC IE	SLC SOM	SLC AWT		VALUE ADDED COURSE		SLC COI
	SA	NK	R PRASAD	PM	NKS			
Subject S.No.	Subject code	Name of Subject		Abrev. Used	Name of the Faculty	Faculty code	Faculty mob. No	
1	KME 501	Heat and Mass Transfer		HMT	Dr.Sandeep Agrawal	SA	9568006065	
2	KME 502	Strength of Material		SOM	Mr. R.Prasad	RP	7895769171, 7389929899	
3	KME 503	Industrial Engineering		IE	Dr.Nishant Kumar Singh	NK	9997582969	
4	KME 051	Computer Integrated Manufacturing		CIM	Mr. Kapil Gupta	KG	9997010165	
5	KME 055	Advance welding		AWT	Dr. Puneet Mangla	PM	9568006050	
6	KNC501	Constitution of India		COI	Dr.Nishant Kumar Singh	NK	9997582969	
7	KME 551	Heat Transfer LAB		HMT Lab	Dr.Sandeep Agrawal	SA	9568006065	
8	KME 552	Python Lab						
9	KME 553	Internet of Things Lab		IOT LAB	Mr.Ajeet Singh	AS	7217337661	
10	KME554	Mini Project or Internship Assessment*		MP/I	Dr. Puneet Mangla	PM	9568006050	
11	VME0005	VALUE ADDED COURSE		VAC	RAJ VARDHAN	RV	7906215124	

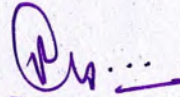
Signature
Time Table Incharge

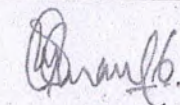

 Director
 Hindustan College of
 Science & Technology
 FARAH (MATHURA)


 Signature
 Head of Department
 Department of Mechanical Engg.
 Hindustan College of Science & Technology
 Farah, Mathura

Template : Value Added Course Registration Form

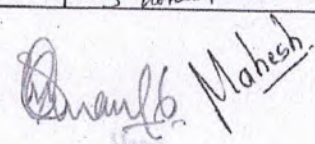
HINDUSTAN COLLEGE OF SCIENCE & TECHNOLOGY, FARAH - MATHURA					
MECHANICAL ENGINEERING DEPARTMENT					
Value Added Course - Registration Form					
VME2105 - (Auto CAD)					
Session - 2021 - 2022			18 th Sep'2021 - 30 th Dec 2021		
Sl. No	Roll No	Name	Department	Semester	Signature of the Student
1	2000640400001	Aatif Ziya	ME	III	Aatif
2	2000640400002	Abhishek Saraswat	ME	III	Abhishek
3	2000640400003	Gauri Shankar	ME	III	Gauri
4	2000640400004	Janved Kumar	ME	III	Janved
5	2000640400005	Karan Mahor	ME	III	Karan
6	2000640400006	Karan Singh	ME	III	Karan
7	2000640400007	Kashish Gautam	ME	III	Kashish
8	2000640400008	Piyush Lavania	ME	III	Piyush
9	2000640400009	Sparsh Singh	ME	III	Sparsh
10	2000640400010	Vikas Kumar Mishra	ME	III	Vikas
11	2100640409001	Dhruv Yadav	ME	III	Dhruv
12	2100640409002	Yogesh Singh	ME	III	Yogesh
13	1900640400002	Abhishek Kumar	ME	V	Abhishek
14	1900640400004	Anuj Varshney	ME	V	Anuj
15	1900640400005	Arun Chaturvedi	ME	V	Arun
16	1900640400006	Deepak Kumar Singh	ME	V	Deepak
17	1900640400008	Himanshu Singh	ME	V	Himanshu
18	1900640400009	Jitendra Kumar	ME	V	Jitendra
19	1900640400010	Kiran Saraswat	ME	V	Kiran
20	1900640400011	Krishn Mohan Yadav	ME	V	Krishn
21	1900640400012	Krishna Yadav	ME	V	Krishna
22	1900640400014	Neetish Kumar Varun	ME	V	Neetish
23	1900640400015	Pradeep Kumar	ME	V	Pradeep
24	1900640400016	Rishi Kardam	ME	V	Rishi
25	1900640400017	Skund Srivastava	ME	V	Skund

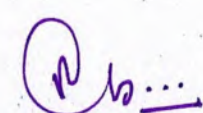

 Director
 Hindustan College of
 Science & Technology
 FARAH (MATHURA)


 Head
 Department of Mechanical Engg.
 Hindustan College of Science & Technology
 Farah, Mathura

Template : Value Added Course Registration Form

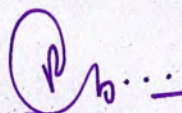
HINDUSTAN COLLEGE OF SCIENCE & TECHNOLOGY, FARAH - MATHURA						
MECHANICAL ENGINEERING DEPARTMENT						
Value Added Course - Registration Form						
VME2107 (Auto CAD)						
Session - 2021 - 2022				18 th Sep '2021 - 30 th Dec 2021		
Sl. No	Roll No	Name	Department	Semester	Signature of the Student	
26	1900640400019	Sudhanshu Nigam	ME	V	Sudhanshu	
27	1806440019	KESHAV KUMAR	ME	V	Keshav	
28	2000640409001	Rishi Sharma	ME	V	Rishi	
29	2000640409002	Shubham Tiwari	ME	V	Shubham	

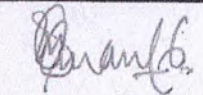

 Department of Mechanical Engg.
 Hindustan College of Science & Technology
 Farah, Mathura


Director
 Hindustan College of
 Science & Technology
 FARAH (MATHURA)

Template : Value Added Course

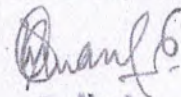
HINDUSTAN COLLEGE OF SCIENCE & TECHNOLOGY, FARAH - MATHURA																			
COMPUTER SCIENCE & ENGINEERING DEPARTMENT																			
Value Added Course - Registration Form																			
VME 2105 - (AUTO CAD)																			
Session - 2021 - 2022																			
Session wise Attendance Sheet																			
Sl. No	Roll No	Name	Signature of the Student by Session																
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
			18-Sep	25-Sep	9-Oct	23-Oct	30-Oct	13-Nov	20-Nov	4-Dec	11-Dec	18-Dec	26-Dec	29-Dec	30-Dec				
1	2000640400001	Aatif Ziya	Aatif	Aatif	Aatif	Aatif	Aatif	Aatif	Aatif	Aatif	Aatif	Aatif	Aatif	Aatif	Aatif				
2	2000640400002	Abhishek Saraswat	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek				
3	2000640400003	Gauri Shankar	Gauri	Gauri	Gauri	Gauri	Gauri	Gauri	Gauri	Gauri	Gauri	Gauri	Gauri	Gauri	Gauri				
4	2000640400004	Janved Kumar	Janved	Janved	Janved	Janved	Janved	Janved	Janved	Janved	Janved	Janved	Janved	Janved	Janved				
5	2000640400005	Karan Mahor	Karan	Karan	Karan	Karan	Karan	Karan	Karan	Karan	Karan	Karan	Karan	Karan	Karan				
6	2000640400006	Karan Singh	Karan	Karan	Karan	Karan	Karan	Karan	Karan	Karan	Karan	Karan	Karan	Karan	Karan				
7	2000640400007	Kashish Gautam	Kashish	Kashish	Kashish	Kashish	Kashish	Kashish	Kashish	Kashish	Kashish	Kashish	Kashish	Kashish	Kashish				
8	2000640400008	Piyush Lavania	Piyush	Piyush	Piyush	Piyush	Piyush	Piyush	Piyush	Piyush	Piyush	Piyush	Piyush	Piyush	Piyush				
9	2000640400009	Spash Singh	Spash	Spash	Spash	Spash	Spash	Spash	Spash	Spash	Spash	Spash	Spash	Spash	Spash				
10	2000640400010	Vikas Kumar Mishra	Vikas	Vikas	Vikas	Vikas	Vikas	Vikas	Vikas	Vikas	Vikas	Vikas	Vikas	Vikas	Vikas				
11	2100640409001	Dhruv Yadav	Dhruv	Dhruv	Dhruv	Dhruv	Dhruv	Dhruv	Dhruv	Dhruv	Dhruv	Dhruv	Dhruv	Dhruv	Dhruv				
12	2100640409002	Yogesh Singh	Yogesh	Yogesh	Yogesh	Yogesh	Yogesh	Yogesh	Yogesh	Yogesh	Yogesh	Yogesh	Yogesh	Yogesh	Yogesh				
13	1900640400002	Abhishek Kumar	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek				
14	1900640400004	Anuj Varshney	Anuj	Anuj	Anuj	Anuj	Anuj	Anuj	Anuj	Anuj	Anuj	Anuj	Anuj	Anuj	Anuj				
15	1900640400005	Arun Chaturvedi	Arun	Arun	Arun	Arun	Arun	Arun	Arun	Arun	Arun	Arun	Arun	Arun	Arun				
16	1900640400006	Deepak Kumar Singh	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak				
17	1900640400008	Himanshu Singh	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu				
18	1900640400009	Jitendra Kumar	Jitendra	Jitendra	Jitendra	Jitendra	Jitendra	Jitendra	Jitendra	Jitendra	Jitendra	Jitendra	Jitendra	Jitendra	Jitendra				
19	1900640400010	Kiran Saraswat	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran				
20	1900640400011	Krishn Mohan Yadav	Krishn	Krishn	Krishn	Krishn	Krishn	Krishn	Krishn	Krishn	Krishn	Krishn	Krishn	Krishn	Krishn				

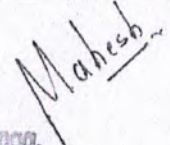

 Director
 Hindustan College of
 Science & Technology
 FARAH (MATHURA)


 Head
 Department of Mechanical Engg.
 Hindustan College of Science & Technology
 Farah, Mathura

Template : Value Added Course

HINDUSTAN COLLEGE OF SCIENCE & TECHNOLOGY, FARAH - MATHURA																		
COMPUTER SCIENCE & ENGINEERING DEPARTMENT																		
Value Added Course - Registration Form																		
VME 2105 : (AUTO CAD)																		
Session - 2021 - 2022																		
Session wise Attendance Sheet																		
Sl. No	Roll No	Name	Signature of the Student by Session															
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
			18-Sep	25-Sep	9-Oct	23-Oct	30-Oct	13-Nov	20-Nov	4-Dec	11-Dec	18-Dec	25-Dec	29-Dec	30-Dec			
21	1900640400012	Krishna Yadav	Km	Km	Km	Km	Km	Km	Km	Km	Km	Km	Km	Km	Km			
22	1900640400014	Neetish Kumar Varun	NK	NK	NK	NK	NK	NK	NK	NK	NK	NK	NK	NK	NK			
23	1900640400015	Pradeep Kumar	Pk	Pk	Pk	Pk	Pk	Pk	Pk	Pk	Pk	Pk	Pk	Pk	Pk			
24	1900640400016	Rishi Kardam	RK	RK	RK	RK	RK	RK	RK	RK	RK	RK	RK	RK	RK			
25	1900640400017	Skund Srivastava	SK	SK	SK	SK	SK	SK	SK	SK	SK	SK	SK	SK	SK			
26	1900640400019	Sudhanshu Nigam	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN			
27	1806440019	KESHAV KUMAR	KK	KK	KK	KK	KK	KK	KK	KK	KK	KK	KK	KK	KK			
28	2000640409001	Rishi Sharma	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS			
29	2000640409002	Shubham Tiwari	ST	ST	ST	ST	ST	ST	ST	ST	ST	ST	ST	ST	ST			


 Head
 Department of Mechanical Engg.
 Hindustan College of Science & Technology
 Farah, Mathura


 Mahesh


 Director
 Hindustan College of
 Science & Technology
 FARAH (MATHURA)

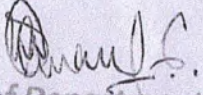


HINDUSTAN COLLEGE OF SCIENCE & TECHNOLOGY,
FARAH - MATHURA

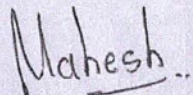
Certificate of Completion

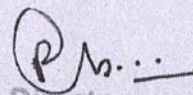
Department of Mechanical Engineering
Academic Session 2021-22

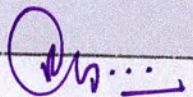
*This is to certify that Mr./Ms Kiran Saraswat (Roll No. 1900640400010)
Department of Mechanical Engineering has successfully completed 30 hours of Value Added
Course VME-2105 titled "Basics Design and Drafting on AutoCad".*


Head of Department
Head

Department of Mechanical Engg.
Hindustan College of Science & Technology
Farah, Mathura


Course Coordinator


Director


Director
Hindustan College of
Science & Technology
FARAH (MATHURA)



HINDUSTAN COLLEGE OF SCIENCE & TECHNOLOGY,
FARAH -MATHURA

Certificate of Completion

*Department of Mechanical Engineering
Academic Session 2021-22*

*This is to certify that Mr/Ms Aatf Ziya (Roll No. 2000640400001)
Department of Mechanical Engineering has successfully completed 30 hours of Value Added
Course VME-2105 titled "Basics Design and Drafting on AutoCad".*

[Signature]
Head of Department
Department of Mechanical Engineering
Hindustan College of Science & Technology
Farah, Mathura

[Signature]
Mahesh
Course Coordinator

[Signature]
Director

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