


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

Date: 24.03.2021

Notice

All the students of Department of Mechanical Engineering are hereby informed that the registration for value added course "*Basics of Finite Element Analysis (Practical Oriented) (VME2004)*" will be started from 25th Mar 2021 and the last date for registration is 30th Mar 2021. The regular classes for value added course will be started from 3-Apr 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: Basics of Finite Element Analysis (Practical
Oriented)*

VAC-20-21-VME0004 -

3rd Apr '2021 – 30th Jun 2021 - Every Saturday: 2:20 PM – 4:00 PM

Students From Any Branch Can Join the Course

By

Mr. Raj Vardhan

Assistant Professor, Mechanical Engineering

Research Interest: Applied Mechanics

Registration Dates

25th Mar 2021 – 30th Mar 2021

For Registration: Please contact

Mrs. Geeta Gupta, Office Staff, Department of ME

Prerequisites: Basics of laws related to mechanics of solids

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HINDUSTAN COLLEGE OF SCIENCE & TECHNOLOGY,
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DEPARTMENT OF MECHANICAL ENGINEERING

Value Added Course

VAC-20-21-VME2004 - Basics of Finite Element Analysis (Practical Oriented)

3rd Apr '2021 – 30th Jun 2021 - Every Saturday: 2:20 PM – 4:00 PM

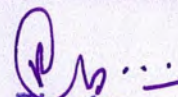
Course Objectives

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

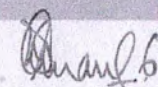
1. Understanding the principles and theory of Finite element Method.
2. Developing modeling skills
3. Analyzing engineering problems:
4. Interpreting results

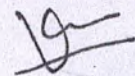
Course Syllabus

Units	Details	Course Out comes
1	Understanding the principles and theory: Gain a solid understanding of the fundamental principles and theory underlying the finite element method	CO1
2	Learn how to create accurate and efficient finite element models. This involves acquiring skills in CAD modeling. Finite Element Analysis: Postprocessing and Results	CO2
3	Interpretation	CO3
4	Practical Applications and Case Studies.	CO4


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DEPARTMENT OF MECHANICAL ENGINEERING

Value Added Course

VAC-20-21-VME2004 - Basics of Finite Element Analysis (Practical Oriented)

3rd Apr '2021 – 30th Jun 2021 - Every Saturday: 2:20 PM – 4:00 PM

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

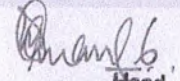
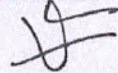
Course Outcomes

- CO1 Recall potential energy concepts or vibrational methods for solving complex structural geometries of mechanical applications. Explain the shape function concepts of one and two dimensional elements for enriching knowledge on stiffness matrix and load vector
- CO2 Apply numerical methods on one dimensional bar elements for obtaining displacements, stresses, strains and reaction forces. Make use of shape functions of two degree of freedom two noded truss and beam elements for obtaining stiffness matrix and load vector
- CO3 Demonstrate the physical models of truss and beam elements by applying finite element method for displacements, stresses and strains. Recall the fundamental structural concepts of equilibrium equations, stress-strain relations and strain displacements for solving 2D and 3D elastic problems.
- CO4 Illustrate finite element modelling of triangular, axi-symmetric and four noded elements for obtaining shape functions of two dimensional elements. Utilize the concepts of shape functions for developing stiffness matrix of triangular, axisymmetric and four noded elements.

CO-PO Mappings

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


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DEPARTMENT OF MECHANICAL ENGINEERING



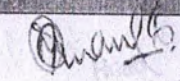
Value Added Course

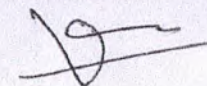
VAC-20-21-VME2004 - Basics of Finite Element Analysis (Practical Oriented)
3rd Apr '2021 - 30th Jun 2021 - Every Saturday:2:20 PM -4:00 PM

Program Schedule		Time	No of Lectures	Session Topic	Resource Person
Session	Date				
1	3-Apr	2:20 PM - 4:00 PM	2	Introduction to Finite Element Analysis (FEA)	Mr.Raj Vardhan
2	10-Apr	2:20 PM - 4:00 PM	2	Fundamentals of FEA Finite element	Mr.Raj Vardhan
3	17-Apr	2:20 PM - 4:00 PM	2	Discretization and element types	Mr.Raj Vardhan
4	24-Apr	2:20 PM - 4:00 PM	2	Mathematical background and principles of FEA	Mr.Raj Vardhan
5	8-May	2:20 PM - 4:00 PM	2	CAD modeling and geometry preparation	Mr.Raj Vardhan
6	15-May	2:20 PM - 4:00 PM	2	Mesh generation and refinement techniques	Mr.Raj Vardhan
7	22-May	2:20 PM - 4:00 PM	2	Assigning material properties and boundary conditions	Mr.Raj Vardhan
8	5-Jun	2:20 PM - 4:00 PM	2	Assembly and solution of finite element equations	Mr.Raj Vardhan
9	12-Jun	2:20 PM - 4:00 PM	2	Solving linear and nonlinear problems	Mr.Raj Vardhan
10	19-Jun	2:20 PM - 4:00 PM	2	Extraction of relevant engineering quantities	Mr.Raj Vardhan
11	26-Jun	2:20 PM - 4:00 PM	2	Application of FEA to real-world engineering problems	Mr.Raj Vardhan
12	28-Jun	2:20 PM - 4:00 PM	2	Structural analysis, heat transfer analysis, and fluid flow analysis	Mr.Raj Vardhan
13	29-Jun	11:00 AM - 4:50 PM	6	Introduction to the specific finite element analysis	Mr.Raj Vardhan
14	30-Jun	11:00 AM - 4:50 PM	6	Project	Mr.Raj Vardhan
Total Number of Hours covered			36(30hrs)		


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Department of Mechanical Engineering								
CLASS TIME TABLE (Tentative) Effective from: 12/4/2021								
SESSION:2020-21		MECHANICAL +AUTOMOBILE+RE(ME)			Counsellor : : ME		Mr. R.PRASAD/MR. KAPIL GUPTA/MR. RAJEEV PANDEY	
YEAR/SEM: 3rd Yr/ VI Sem MECHANICAL		Room No. : 152/153			Counsellor : AUTO		MR. HEMANT RAJPUT	
Time / Day	I 10:10 - 11:00	II 11:00 - 11:50	III 11:50 -12:40	IV 12:40 - 01:30	V 1:30 - 02:20	VI 02:20 - 03:10	VII 03:10 - 03:40	VIII 04:00 - 04:50
MONDAY	Fluid Machinery (RE)/OE-1 RM/	PDP		GD/NDT /CS(RE)/AEE MD/KG/ATUL/HKR	LUNCH BREAK	TOM	TOM LAB A.2/RAC LAB A.1	
TUESDAY	MD-II(RE)/MD Dr.PM/R PRASAD	TOM	RAC/AAC Rajeev Pandey/HKR	Fluid Machinery (RE)/OE-1 RM/		SLC GD/SLC NDT /SLC CS(RE)/SLC AEE	FM LAB (RE)/APC LAB (AUTO)	
WEDNESDAY	RAC/AAC Rajeev Pandey/HKR	GD/NDT /CS(RE)/AEE MD/KG/ATUL/HKR	Fluid Machinery (RE)/OE-1 RM/	MD-II(RE)/MD Dr.PM/R PRASAD		MD/KG/ATUL/HKR	RM/KG	
THURSDAY	Fluid Machinery (RE)/OE-1 RM/	MD-II(RE)/MD Dr.PM/R PRASAD	GD/NDT /LIBRARY(RE)/AEE MD/KG/HKR	RAC/AAC Rajeev Pandey/HKR		TOM LAB A.1/MD LAB A.2/Design and simulation Lab-II	SLC TOM(A.1)/SLC MD(A.2)	
FRIDAY	RAC/AAC Rajeev Pandey/HKR	ICT/IM(RE) SS/AP	TOM NK	MD-II(RE)/MD Dr.PM/R PRASAD		NK/ R PRASAD/	PM	R PRASAD/NK
SATURDAY	TOM	SLC GD/SLC NDT /SLC CS(RE)/SLC AEE	Fluid Machinery (RE)/OE-1	SLC ICT/SLC IM(RE)		SLC TOM A.2/SLC RAC A.1	ICT/IM(RE)	IM(RE)
	NK	MD/KG/ATUL/HKR	RM/	SS/AP		RP/NK	SS/AP	AP
						RAC LAB A.2/MD LAB A.1		SLC MD A.1/SLC RAC A.2/SLC MD-II(RE)/SLC AAC
						Rajeev Pandey/R PRASAD		R PRASAD/Rajeev Pandey/PM/HKR
						VALUE ADDED COURSE		
Subject S.No.	Subject code	Name of Subject		Abrv. Used		Name of the Faculty Member	Faculty code	Faculty mob. No
1	KME 601	Refrigeration & Air-conditioning		RAC		Mr. Rajeev Pandey		
2	KME602	Machine Design		MD		Mr.R.Prasad		
3	KME 603	Theory of Machine		TOM		Dr.Nishant kr. Singh		
4	KME 651	Refrigeration and Air Conditioning Lab				Mr.Rajeev pandey		
5	KME652	Machine Design Lab			Mr.R. Prasad			
6	KME 653	Theory of Machine Lab			Dr.Nishant kr. Singh			
7	KME 061	Non destructive Testing			Mr. Kapil Gupta			
	KME 064	Gas Dynamics & Jet Propulsion			Mr Mahesh Dhakar			
8	KNC601	INDIAN CULTURE TRADITION & SOCIETY			Mr. Shashi Shekhar	SS	8439004265	
9	RME 602	Theory of Machine		TOM	Dr.Nishant Kumar Singh	NKS		
10	RME 603	Machine Design -II		MD-II	Dr.Puneet Mangla	PM	9568006050	
11	RME 653	Design and simulation Lab-II			Dr.Puneet Mangla			
12	RME 061	Refrigeration & Air-conditioning			Mr.Rajeev pandey			
13	RME 654	Refrigeration and Air Conditioning Lab			Mr.Rajeev pandey			
14		Automotive Electrical and Electronics Testing			Mr.hemant kr. Rajput			
15	VAC	VALUE ADDED COURSE		YME2004	RAJ VARDHAN			

Raj Vardhan
O/C Time Table

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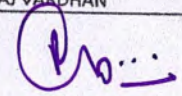
(PUNEET MANGLA)
HOD, Mech. Engrg. Deptt.
Department of Mechanical Engrg.
Hindustan College of Science & Technology
Farah, Mathura

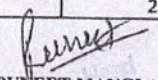
Hindustan College of Science and Technology - Mathura
Department Name: MECHANICAL ENGINEERING
CLASS TIME TABLE FOR EVEN SEMESTER 2020-21

SESSION: 2020-21		W.E.F : 12/04/2021				CLASS TEACHER:		
YEAR/SEM-SEC: II YEAR / IV SEM		ROOM.NO : 154				COUNSELLORS : MR. ROHIT MITTAL MR. RAJ VARDHAN		
Time / Day	I	II	III	IV	V	VI	VII	VIII
	10:10 TO 11:00	11:00 TO 11:50	11:50 TO 12:40	12:40 TO 01:30	01:30 TO 02:20	02:20 TO 03:10	03:10 TO 04:00	04:00 TO 04:50
MONDAY	AT	PDP		EM	LUNCH BREAK	ES	TC	COUNSELLING
	154	154	154	154		154	154	
	RP	SN	SA	DR. R K T		KD		
TUESDAY	CSS	MP	ES (T)	TC		AT LAB		LIBRARY
	154	154	154	154		RP		
	ATUL B	RV	DR. R K T	KD				
WEDNESDAY	CSS	AT	SLC MP	EM(T)		MP	TC	ES
	154	154	154	154		154	154	154
	ATUL B	RP	RV	SA		RV	KD	DR. R K T
THURSDAY	AT	TC	EM	MP		MDG-II LAB		CSS
	154	154	154	154		SA		154
	RP	KD	SA	RV		ATUL B		
FRIDAY	ES	AT	EM	MP		MP- LAB		
	154	154	154	154		RV		
	DR. R K T	RP	SA	RV	VALUE ADDED COURSE			
SATURDAY	SLC CSS	SLC AT	SLC EM	SLC ES				
	154	154	154	154				
	ATUL B	RP	SA	DR. R K T				

Name of the Subject		Subject Code	Name of the Faculty	Total No. of Lect./Tut./Practical in Subject		
				Lect.	Tut.	Pract.
ATD	APPLIED THERMODYNAMICS	KME401	Mr. Rajeev Pandey	4	1	
EM	ENGINEERING MECHANICS	KME402	Dr. Sandeep Agrawal	4	1	
MS I	MANUFACTURING PROCESSES	KME403	Mr Raj Vardhan	4	1	
TC	TECHENICAL COMMUNICATION	KAS401	Dr. Keshav Dev	4		
ES	ENERGY SCIENCE & ENGINEERING SCIENCE	KOE 043	DR. R K TIWARI	4	1	
CSS	Computer System Security	KNC401	ATUL B	4		
MDG II LAB	COPUTER AIDED MACHINE DRAWING II LAB	KME453	Dr. Sandeep Agrawal			3
AT LAB	APPLIED THERMODYNAMICS LAB	KME451	Mr. Rajeev Pandey			2
MP LAB	MANUFACTURING PROCESSES LAB	KME452	Mr Raj Vardhan			3
VAC	VALUE ADDED COURSE	VME2004	RAJ VARDHAN			2

Raj Vardhan
O/C Time Table

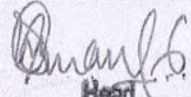

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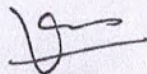

(PUNEET MANGLA)
HOD, Mech. Engg. Deptt.
Department of Mechanical Engg.
Hindustan College of Science & Technology
Farah, Mathura

Template : Value Added Course Registration Form

HINDUSTAN COLLEGE OF SCIENCE & TECHNOLOGY, FARAH - MATHURA					
MECHANICAL ENGINEERING DEPARTMENT					
Value Added Course - Registration Form					
VME 2004 - Basics of Finite Element Analysis					
Session - 2020 - 2021			From 3 rd Apr '2021 - 30 th Jun 2021		
Sl. No	Roll No	Name	Department	Semester	Signature of the Student
1	1900640400001	Abhishek Gautam	ME	IV	Abhishek
2	1900640400002	Abhishek Kumar	ME	IV	Abhishek
3	1900640400003	Akash Kumar	ME	IV	Akash
4	1900640400004	Anuj Varshney	ME	IV	Anuj
5	1900640400005	Arun Chaturvedi	ME	IV	Arun
6	1900640400006	Deepak Kumar Singh	ME	IV	Deepak
7	1900640400007	Dhruv	ME	IV	Dhruv
8	1900640400008	Himanshu Singh	ME	IV	Himanshu
9	1900640400009	Jitendra Kumar	ME	IV	Jitendra
10	1900640400010	Kiran Saraswat	ME	IV	Kiran
11	1900640400011	Krishn Mohan Yadav	ME	IV	Krishn Mohan
12	1900640400012	Krishna Yadav	ME	IV	Krishna
13	1900640400013	Mohit Jadaun	ME	IV	Mohit
14	1900640400014	Neetish Kumar Varun	ME	IV	Neetish
15	1900640400015	Pradeep Kumar	ME	IV	Pradeep
16	1900640400016	Rishi Kardam	ME	IV	Rishi
17	1900640400017	Skund Srivastava	ME	IV	Skund
18	1900640400018	Sonu Kumar	ME	IV	Sonukumar
19	1900640400019	Sudhanshu Nigam	ME	IV	Sudhanshu
20	1806440001	ABHINAV VERMA	ME	VI	Abhinav
21	1806440002	Akash Baghel	ME	VI	Akash
22	1806440004	AKHIL NAIR	ME	VI	Akhil

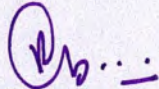

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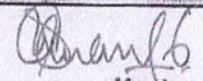

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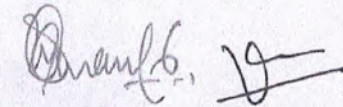
HINDUSTAN COLLEGE OF SCIENCE & TECHNOLOGY, FARAH - MATHURA						
MECHANICAL ENGINEERING DEPARTMENT						
Value Added Course - Registration Form						
VME 2004 - Basics of Finite Element Analysis						
Session - 2020 - 2021				From 3 rd Apr '2021 - 30 th Jun 2021		
Sl. No	Roll No	Name	Department	Semester	Signature of the Student	
23	1806440005	ANKIT PATHAK	ME	VI	Ankit	
24	1806440006	ANKUR SAXENA	ME	VI	Ankur	
25	1806440007	ANSHU MAHOR	ME	VI	Anshu	
26	1806440008	ANUBHAV DUBEY	ME	VI	Anubhav	
27	1806440009	ANUJ KUMAR	ME	VI	Anuj	
28	1806440010	ARPIT AGARWAL	ME	VI	Arpit	
29	1806440011	AVINASH	ME	VI	Avinash	
30	1806440014	GOPAL KASHYAP	ME	VI	Gopal	
31	1806440015	HARI ANANT CHANDOLA	ME	VI	Hari	
32	1806440016	HARSH PRATAP SENGAR	ME	VI	Harsh	
33	1806440017	JITENDRA YADAV	ME	VI	Jitendra	
34	1806440018	KANHAIYA SHARMA	ME	VI	Kanhaiya	
35	1806440020	LOKESH KUMAR BHARTI	ME	VI	Lokesh	
36	1806440021	MAYANK GUPTA	ME	VI	Mayank	
37	1806440022	MUNESH SHARMA	ME	VI	Munesh	
38	1806447001	NIKHIL KUMAR SINGH	ME	VI	Nikhil	
39	1900640409002	Peeyush Garg	ME	VI	Peeyush	
40	1806440024	PRADEEP KUMAR TYAGI	ME	VI	Pradeep	
41	1900640409003	Prashant Pratap Singh	ME	VI	Prashant	
42	1806440025	PRADEEK TIWARI	ME	VI	Pradeek	
43	1806440026	PRATHAM SHARMA	ME	VI	Pratham	
44	1806440028	RAHUL KUMAR	ME	VI	Rahul	
45	1900640409004	Ravi Kant	ME	VI	Ravi	


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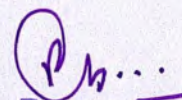
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MECHANICAL ENGINEERING DEPARTMENT					
Value Added Course - Registration Form					
VME 2004 - Basics of Finite Element Analysis					
Session - 2020 - 2021			From 3 rd Apr '2021 - 30 th Jun 2021		
Sl. No	Roll No	Name	Department	Semester	Signature of the Student
46	1806440030	SATYAM TIWARI			
47	1806440031	SHIV KUMAR	ME	VI	
48	1806440032	SHIVENDRA SINGH TOMAR	ME	VI	Shiv Kumar
49	1806440033	SHOBHIT CHAHAR	ME	VI	Shobhit
50	1806440034	SHOBHIT KUMAR	ME	VI	Shobhit
51	1806440035	SHUBHAM SAGAR	ME	VI	Shubham
52	1806440036	SHUBHANKAR CHAHAR	ME	VI	Shubham
53	1806440037	VIKRANT TEHRIA	ME	VI	Vikrant
54	1806440038	VINAYAK SHARMA	ME	VI	Vinayak
55	1806440039	Vishal Das	ME	VI	Vishal
56	1806440040	YASH GOYAL	ME	VI	Yash



Head

 Department of Mechanical Engg.
 Hindustan College of Science & Technology
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Department of Mechanical Engineering

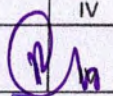
Value Added Course - Registration Form

Course Name: Basics of Finite Element Analysis Course Code:VME2004

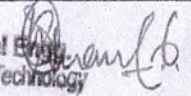
Session 2020-21 (Year 2021)

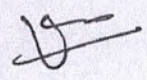
Session wise Attendance Sheet

S. No.	Roll No.	Name	SEM	Signature of the Student														
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
				3-Apr	10-Apr	17-Apr	24-Apr	8-May	15-May	22-May	5-Jun	12-Jun	19-Jun	26-Jun	28-Jun	29-Jun	30-Jun	
1	1900640400001	Abhishek Gautam	IV	P	P	P	P	P	P	P	P	P	A	P	P	P	P	
2	1900640400002	Abhishek Kumar	IV	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
3	1900640400003	Akash Kumar	IV	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
4	1900640400004	Anuj Varshney	IV	P	P	P	P	P	P	P	P	A	P	P	P	P		
5	1900640400005	Arun Chaturvedi	IV	P	P	P	P	P	P	P	P	P	P	P	P	P		
6	1900640400006	Deepak Kumar Singh	IV	P	P	P	P	P	P	P	P	P	P	P	P	P		
7	1900640400007	Dhruv	IV	P	P	P	P	P	P	P	P	P	P	P	P	P		
8	1900640400008	Himanshu Singh	IV	P	P	A	P	P	P	P	P	P	P	P	P	P		
9	1900640400009	Jitendra Kumar	IV	P	P	P	P	P	P	P	P	A	P	P	P	P		
10	1900640400010	Kiran Saraswat	IV	P	P	P	P	P	P	P	P	P	P	P	P	P		
11	1900640400011	Krishn Mohan Yadav	IV	P	P	P	P	P	P	A	P	P	P	P	P	P		
12	1900640400012	Krishna Yadav	IV	P	P	P	P	P	P	A	P	P	P	P	P	P		
13	1900640400013	Mohit Jadaun	IV	P	P	P	P	P	P	P	P	P	P	P	P	P		
14	1900640400014	Neetish Kumar Varun	IV	P	A	P	P	P	P	P	P	P	P	P	P	P		


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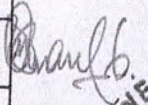
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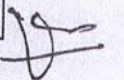
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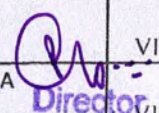
15	1900640400015	Pradeep Kumar	IV	P	P	P	P	P	P	P	P	P	P	P	P	P	P
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17	1900640400017	Skund Srivastava	IV	P	P	P	P	A	P	P	P	P	P	P	P	P	P
18	1900640400018	Sonu Kumar	IV	P	P	P	P	P	P	A	A	P	P	P	P	P	P
19	1900640400019	Sudhanshu Nigam	IV	P	P	P	P	P	P	A	A	P	P	P	P	P	P
20	1806440001	ABHINAV VERMA	VI	P	P	P	P	A	P	P	P	P	P	P	P	P	P
21	1806440002	Akash Baghel	VI	P	P	P	P	P	P	A	P	P	P	P	P	P	P
22	1806440004	AKHIL NAIR	VI	P	P	A	P	P	P	P	P	P	P	P	P	P	P
23	1806440005	ANKIT PATHAK	VI	P	P	P	P	P	P	P	P	P	P	P	P	P	P
24	1806440006	ANKUR SAXENA	VI	P	P	P	P	P	P	A	P	P	P	P	P	P	P
25	1806440007	ANSHU MAHOR	VI	P	P	P	P	P	P	P	P	P	P	P	P	P	P
26	1806440008	ANUBHAV DUBEY	VI	P	P	P	P	A	P	P	P	P	P	P	P	P	P
27	1806440009	ANUJ KUMAR	VI	P	P	P	P	P	P	P	A	P	P	P	P	P	P
28	1806440010	ARPIT AGARWAL	VI	P	P	P	P	P	P	P	P	A	P	P	P	P	P
29	1806440011	AVINASH	VI	P	A	P	P	P	P	P	P	P	P	P	P	P	P
30	1806440014	GOPAL KASHYAP	VI	P	P	P	P	P	P	P	P	P	P	P	P	P	P
31	1806440015	HARI ANANT CHANDOLA	VI	P	P	P	P	P	P	P	P	P	P	P	P	P	P
32	1806440016	HARSH PRATAP SENGAR	VI	P	P	P	P	P	P	P	P	P	P	P	P	P	P
33	1806440017	JITENDRA YADAV	VI	P	P	P	P	P	P	P	P	P	P	P	P	P	P
34	1806440018	KANHAIYA SHARMA	VI	P	P	P	P	P	P	P	P	P	P	P	P	P	P

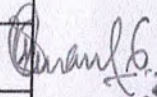

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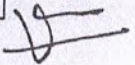

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35	1806440020	LOKESH KUMAR BHARTI	VI	P	P	P	P	P	P	P	P	P	P	P	P	P	P
36	1806440021	MAYANK GUPTA	VI	P	P	P	P	P	A	P	P	P	P	P	P	P	P
37	1806440022	MUNESH SHARMA	VI	P	P	P	P	P	P	P	P	P	P	P	P	P	P
38	1806447001	NIKHIL KUMAR SINGH	VI	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39	1900640409002	Peeyush Garg	VI	P	P	P	P	P	A	P	P	P	P	P	P	P	P
40	1806440024	PRADEEP KUMAR TYAGI	VI	P	P	P	P	P	A	P	P	P	P	P	P	P	P
41	1900640409003	Prashant Pratap Singh	VI	P	P	P	P	P	A	P	P	P	P	P	P	P	P
42	1806440025	PRATEEK TIWARI	VI	P	P	P	P	P	P	P	P	P	P	P	P	P	P
43	1806440026	PRATHAM SHARMA	VI	P	P	P	P	P	P	P	P	P	P	P	P	P	P
44	1806440028	RAHUL KUMAR	VI	P	P	P	P	P	P	P	P	P	P	P	P	P	P
45	1900640409004	Ravi Kant	VI	P	P	P	P	P	P	P	P	P	P	P	P	P	P
46	1806440030	SATYAM TIWARI	VI	P	P	P	P	A	P	P	P	P	P	P	P	P	P
47	1806440031	SHIV KUMAR	VI	P	P	P	P	P	P	P	P	P	P	P	P	P	P
48	1806440032	SHIVENDRA SINGH TOMAR	VI	P	P	P	P	P	P	P	P	P	P	P	P	P	P
49	1806440033	SHOBHIT CHAHAR	VI	P	P	P	A	P	P	P	P	P	P	P	P	P	P
50	1806440034	SHOBHIT KUMAR	VI	P	P	P	P	P	A	P	P	P	P	P	P	P	P
51	1806440035	SHUBHAM SAGAR	VI	P	P	P	P	P	P	P	P	P	P	P	P	P	P
52	1806440036	SHUBHANKAR CHAHAR	VI	P	P	P	P	P	P	P	P	P	P	P	P	P	P
53	1806440037	VIKRANT TEHRIA	VI	P	P	P	P	P	A	P	P	P	P	P	P	P	P
54	1806440038	VINAYAK SHARMA	VI	P	A	P	P	P	P	P	P	P	P	P	P	P	P


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55	1806440039	Vishal Das	VI	P	A	P	P	P	P	P	P	P	P	P	P	P	P	
56	1806440040	YASH GOYAL	VI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	

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Certificate of Completion

*Department of Mechanical Engineering
Academic Session 2020-21*

This is to certify that Mr/Ms SHUBHAM SAGAR No. (Roll No.1806440035) Department of Mechanical Engineering has successfully completed 30 hours of Value Added Course VME-2004 titled "Basics of Finite Element Analysis (Practical Oriented)".

Head of Department

Head

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

Course Coordinator

Director



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Certificate of Completion

Department of Mechanical Engineering
Academic Session 2020-21

This is to certify that Mr/Ms Anuj Varshney (Roll No. 1900640400004) Department of Mechanical Engineering has successfully completed 30hours of Value Added Course VME-2004 titled "Basics of Finite Element Analysis (Practical Oriented)".

Head of Department

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

Course Coordinator

Director