

HERITAGE INSTITUTE OF TECHNOLOGY

TIME TABLE

Department of Mechanical Engineering

B. Tech

2nd Year 1st Semester

SESSION: 2023-2024

DAY	9.00 AM - 9.55 AM	9.55 AM - 10.50 AM	10.50 AM - 11.45 AM	11.45 AM - 12.25 PM	12.25 PM - 1.20 PM	1.20 PM - 2.15 PM	2.15 PM - 3.10 PM	3.10 PM - 4.05 PM	4.05 PM - 5.00 PM	5.00 PM - 5.55 PM
MON	L / HMTS 2001 / MDC / CME 104	L / MATH2001 / SG / CME 104	L / MECH 2101 / SDR / CME 104		L / EVSC 2016 / AA / CME 104	P / MECH 2157 / SDR / Gr1 / CME B03 / APB + AD				
						P / MECH 2156 / RM / Gr2 / CME 118 / SJ + RR				
TUE	L / MECH 2102 / RS / CME 104	L / MECH 2101 / SS / CME 104	L / PHYS2101 / NP / CME 104		L / MECH 2102 / AM / CME 104	L / HMTS 2001 / KM / CME 104	Mentoring / CME 104			
WED	L / MECH 2102 / AM / CME 104	L / PHYS2101 / A / CME 104	L / MATH2001 / MP / CME 104		L / MECH 2102 / RS / CME 104	L / EVSC 2016 / PP / CME 104	L / BIOT2105 / SMB / CME 104			
THU	L / PHYS2101 / A / CME 104	T1 / MATH2001 / SB / CME 104	L / HMTS 2001 / MDC / CME 104		L / MECH 2101 / SS / CME 104	L / MATH2001 / AP / CME 104	Library	Remedial / CME 104		
		Library					T2 / MATH2001 / SB / CME 104			
FRI	P / MECH 2156 / AB / Gr1 / CME 118 / MK + SG				L / MECH 2101 / SS / CME 104	L / PHYS2101 / SS / CME 104	L / BIOT2105 / RG / CME 104			
	P / MECH 2157 / RD / Gr2 / CME B03 / AKD + SCD									

To be Effective from 17th July, 2023

A minimum of 75% attendance is mandatory for being eligible to sit for the End-Semester Examination

Students should target 100% attendance

Member

HOD

Principal

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TIME TABLE

Department of Mechanical Engineering
2nd Year 1st Semester

B. Tech

SESSION: 2023-2024

Faculty Details:

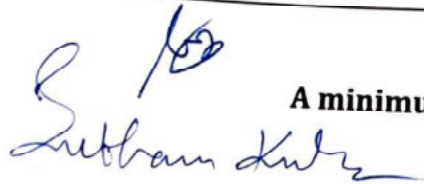
TA Details:

INITIALS	FULLNAME	DEPT	INITIALS	FULLNAME	DEPT
MDC	Dr. Madhumita Chanda	HMTS	APB	Mr. Anupam Biswas	ME
KM	Ms. Koyel Mallick	HMTS	AD	Mr. Abhishek Das	ME
SB	Dr. Samarpita Bhattacharya	MATH	SJ	Mr. Subham Jana	ME
MP	Ms. Moumita Pramanik	MATH	RR	Mr. Ritesh Roy	ME
SG	Dr. Souvik Ghosh	MATH	MK	Mrs. Moumita Koley	ME
AP	Dr. Ashesh Paul	MATH	SG	Mr. Sudipta Goswami	ME
AA	Dr. Anandalok Audhya	CHEM	AKD	Mr. Arun Kumar De	ME
PP	Dr. Piyali Paul	CHEM	SCD	Mr. Shyam Chand De	ME
NPN	Dr. Nirmalya Prasun Nayak	PHY			
AC	Dr. Arindam Chakraborty	PHY			
SS	Dr. Sudepto Sen	PHY			
SMB	Dr. Soma Banerjee	BT			
RG	Dr. Riddhi Goswami	BT			
SDR	Mr. Sudipta Roy	ME			
SS	Dr. Sukanta Sarkar	ME			
RM	Mr. Ritwick Mandal	ME			
RS	Dr. Rajarshi Sengupta	ME			
AM	Dr. Arindam Mandal	ME			
AB	Mr. Anubhab Basu	ME			

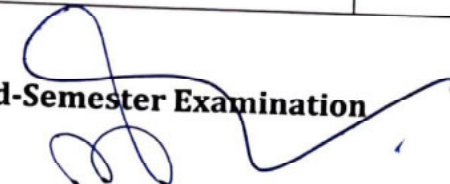
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Subham Kumar
Member


HOD


Principal

HERITAGE INSTITUTE OF TECHNOLOGY

TIME TABLE

Department of Mechanical Engineering

2nd Year 1st Semester

SESSION: 2023-2024

B. Tech

COURSE STRUCTURE:

Theory									
SL No.	Category	Course Code	Course Title	Contact Hours/Week				Credit Points	
				L	T	P	Total		
1	Basic Science Courses	PHYS 2101	Physics – II	3	1	0	4	4	
2	Basic Science Courses	MATH 2001	Mathematical Methods	3	1	0	4	4	
3	Engineering Science Courses	BIOT 2105	Biology	2	0	0	2	2	
4	Engineering Science Courses	MECH 2101	Engineering Mechanics	3	0	0	3	3	
5	Professional Core Courses	MECH 2102	Fluid Mechanics & Hydraulics	3	0	0	3	3	
6	Humanities	HMTS 2001	Human Values & Professional Ethics	3	0	0	3	3	
7	Mandatory Course	EVSC 2016	Environmental Science	2	0	0	2	0	
Total Theory				19	2	0	21	19	
Laboratory/Practical									
1	Professional Core Courses	MECH 2156	Machine Drawing-I	0	0	3	3	1.5	
2	Professional Core Courses	MECH 2157	Workshop Practice-II	0	0	3	3	1.5	
Total Practical				0	0	6	6	3	
Total Semester				19	2	6	27	22	

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HERITAGE INSTITUTE OF TECHNOLOGY
TIME TABLE
DEPARTMENT OF MECHANICAL ENGINEERING

B. Tech 3rd Year 1st Semester


SESSION: 2023-2024

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MON	L/MECH 3101/RM/CME 212	L/MECH 3102/AJB/CME 212	L/MECH 3103/SK/CME 212		L/MECH 3104/SH/CME 212	L/MECH 3132/AR/CME 212 L/MECH 3134/SPB/CME 104	LAB/MECH 3152/AJB/SCB+SG/CME 114/GR 1 LAB/MECH 3155/VKS/SD+STR/ CME 105/GR 2			
TUE	L/MECH 3105/MB/CME 212	L/MECH 3101/ABS/CME 212	L/MECH 3102/DB/CME 212		L/MECH 3103/SK/CME 212	L/INCO 3016/SG/CME 212	LAB/MECH 3183/RB/ SBH+AS/CME513			
WED	L/MECH 3104/SH/CME 212	L/MECH 3105/VKS/CME 212	L/MECH 3101/RM/CME 212		L/MECH 3102/AJB/CME 212	L/MECH 3132/BP/CME 212 L/MECH 3133/SBS/CME 117 L/MECH 3134/SPB/CME 109	L/MECH 3133/SBS/CME 117	MENTORING	REMEDIAL/ CME 212	
THU	L/MECH 3103/VKS/CME 212	L/MECH 3104/SK/CME 212	L/MECH 3105/MB/CME 212		L/MECH 3102/DB/CME 212	LAB/MECH 3155/MB/AD+RR/ CME 105/GR 1 LAB/MECH 3152/RS/SC+MM/CME 114/GR 2		LIBRARY		
FRI	LAB/MECH 3182/BP/MM+SC/ CME 116 LAB/MECH 3184/SPB/SG,SB/ICTB05				L/INCO 3016/AS/CME 212	L/MECH 3132/AR/CME 212 L/MECH 3133/RB/CME 117 L/MECH 3134/SPB/CME 109	LIBRARY	REMEDIAL/ CME 212		

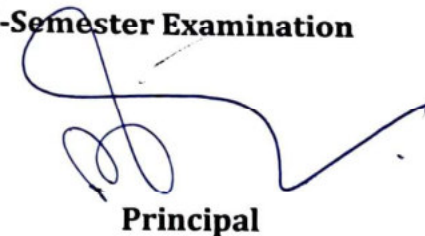
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Member
 15/07/23


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Principal

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TIME TABLE
DEPARTMENT OF MECHANICAL ENGINEERING

B. Tech 3rd Year 1st Semester

SESSION: 2023-2024

Faculty Details:

TA Details:

INITIALS	FULLNAME	DEPT	INITIALS	FULLNAME	DEPT
AJB	Dr. Arup Jyoti Bhowal	ME	SG	Mr. Sudipta Goswami	ME
RM	Mr. Ritwik Mandal	ME	MM	Mr. Mrinmoy Mondal	ME
SK	Mr. Subham Kundu	ME	SCB	Mr. Sanat Chandra Basu	ME
ABS	Mr. Amalendu Biswas	ME	SD	Mr. Sudipta Datta	ME
SH	Mr. Sudip Kumar Halder	ME	SC	Mr. Suprotim Chakraborty	ME
MB	Mr. Manik Barman	ME	RR	Mr. Ritesh Roy	ME
VKS	Mr. Vishnu Kumar Singh	ME	AD	Mr. Abhishek Das	ME
DB	Mr. Debiprasad Banerjee	ME	STR	Mr. Sayantan Rudra	ME
AR	Mr. Avik Ray	ME	SG	Mr. Shantanu Ghosh	IT
BP	Mr. Bankim Pattanayak	ME	SB	Mr. Siddharta Bose	IT
RS	Dr. Rajarshi Sengupta	ME	SBH	Swaraj Bandhu Hari	EE
SG	Sanchita Gangopadhaya	HUM	AS	Asmita Saha	EE
AS	Ayushi Singh	HUM			
SBS	Mr. Suvabrata Sil	EE			
RB	Mr. Reetwik Bhadra	EE			
SPB	Prof. Sudipta Bhadra	IT			

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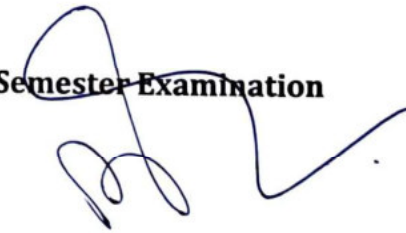
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HERITAGE INSTITUTE OF TECHNOLOGY
TIME TABLE
DEPARTMENT OF MECHANICAL ENGINEERING

B. Tech 3rd Year 1st Semester

SESSION: 2023-2024

COURSE STRUCTURE:

3rd Year 1st Semester Curriculum:

Sl No.	Category	Course Code	Course Title	Theory				Credit Points
				Contact Hours/Week				
				L	T	P	Total	
1	Professional Core Courses	MECH 3101	Machine Design-I	3	0	0	3	3
2	Professional Core Courses	MECH 3102	Heat Transfer	4	0	0	4	4
3	Professional Core Courses	MECH 3103	Engineering Materials	3	0	0	3	3
4	Professional Core Courses	MECH 3104	Machining & Machine Tools	3	0	0	3	3
5	Professional Core Courses	MECH 3105	Dynamics of Machines	3	0	0	3	3
6	Professional Elective Courses	MECH 3131-3134	Professional Elective - I	3	0	0	3	3
7	Mandatory Courses	INCO 3016	Indian Constitution and Civil Society	2	-	-	2	0
Total Theory				21	0	0	21	19
Laboratory/Practical								
1	Professional Core Courses	MECH 3152	Applied Thermodynamics & Heat Transfer Lab	0	0	3	3	1.5
2	Professional Core Courses	MECH 3155	Dynamics of Machines Lab	0	0	3	3	1.5
3	Professional Elective Courses	MECH 3181-3184	Professional Elective - I Lab	0	0	3	3	1.5
Total Practical				0	0	9	9	4.5
Total of Semester				21	0	9	30	23.5

List of Professional Elective I:

1. MECH 3131 : Fluid Power Control
2. MECH 3132 : Refrigeration & Air Conditioning
3. MECH 3133 : Electrical Machines
4. MECH 3134 : Data Structure & RDBMS

List of Professional Elective I Lab:

1. MECH 3181 : Fluid Power Control Lab
2. MECH 3182 : Refrigeration & Air Conditioning Lab
3. MECH 3183 : Electrical Machines Lab
4. MECH 3184 : RDBMS Lab

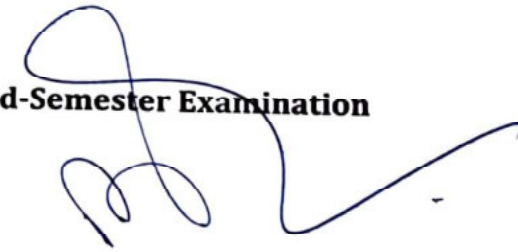
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DEPARTMENT OF MECHANICAL ENGINEERING

B. Tech 4th Year SEC A 1st Semester

SESSION: 2023-2024

DAY	9.00 AM – 9.55 AM	9.55 AM – 10.50 AM	10.50 AM – 11.45 AM	11.45 AM – 12.25 PM	12.25 PM – 1.20 PM	1.20 PM – 2.15 PM	2.15 PM – 3.10 PM	3.10 PM – 4.05 PM	4.05 PM – 5.00 PM	5.00 PM – 5.55 PM
MON		L/HMTS 4101/BS/CME 109	MENTORING		L/MECH 4121/ABS/CME 606 L/MECH 4122/RD/CME 617 L/CIVIL 4121/CB/CME 109	LIBRARY	L/MECH 4141/BP/ CME 117 L/MECH 4142/AKR/ CME 104 L/MECH 4143/AB/CME 212 L/MECH 4144/SK/CME 109	L/MECH 4126/DB/CME 117 L/MECH 4127/RD/CME 104 L/MECH 4128/SB/CME 212 L/CIVIL 4126/SK/CME 109	MECH 4195/ PROJECT - I	
TUE			L/HMTS 4101/SS/CME 109		L/MECH 4111/SH/CME 109	L/HMTS 4101/BS/ CME 109	MECH 4195/ PROJECT- I			
WED	LAB/MECH 4161/Gr1/SK/RK+MC/CME B011				L/MECH 4121/RBCME 606 L/MECH 4122/SK/CME 617 L/CIVIL 4121/CB/CME 109	LIBRARY	L/MECH 4141/AJB/CME 606 L/MECH 4142/AKR/CME 212 L/MECH 4143/SDR/CME 109 L/MECH 4144/AR/CME 617	L/MECH 4126/SKS/CME 117 L/MECH 4127/VKS/CME 104 L/MECH 4128/SB/CME 212 L/CIVIL 4126/SK/CME 109	MECH 4195/ PROJECT - I	
THU		L/MECH 4111/SH/CME 109	L/MECH 4111/SH/CM E 109		MECH 4195/ PROJECT- I			LIBRARY		
FRI					L/MECH 4121/ABS/CME 606 L/MECH 4122/RD/CME 617 L/CIVIL 4121/BS/CME 109	MENTOR ING	L/MECH 4141/BP/CME 117 L/MECH 4142/SKS/CME 212 L/MECH 4143/SDR/CME 109 L/MECH 4144/AR/CME 617	L/MECH 4126/DB/CME 117 L/MECH 4127/RD/CME 104 L/MECH 4128/SB/CME 212 L/CIVIL 4126/SK/CME 109	REMEDI A L/CME 109	
					LAB/MECH 4161/Gr2/SH/RK+MC/CME B011					

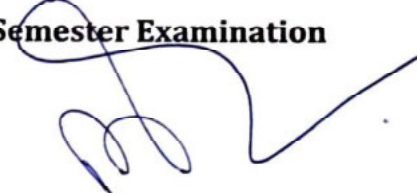
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Member
15/7/23


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HERITAGE INSTITUTE OF TECHNOLOGY
TIME TABLE
DEPARTMENT OF MECHANICAL ENGINEERING

B. Tech 4th Year SEC A 1st Semester

SESSION: 2023-2024

Faculty Details:

TA Details:

INITIALS	FULLNAME	DEPT	INITIALS	FULLNAME	DEPT
AKR	Dr. Amal Kumar Ray	ME	MC	Mr. Manoj Chatterjee	ME
AJB	Dr. Arup Jyoti Bhowal	ME	RK	Mr. Rajib Khan	ME
BP	Mr. Bankim Pattanayak	ME			
ABS	Mr. Amalendu Biswas	ME			
SB	Dr. Sumanta Banerjee	ME			
SDR	Mr. Sudipta Roy	ME			
SK	Mr. Subham Kundu	ME			
SKS	Mr. Sukanta Saha	ME			
RD	Mr. Rajat Dutta	ME			
VKS	Mr. Vishnu Kumar Singh	ME			
AB	Mr. Anubhab Basu	ME			
DB	Mr. Debiprasad Banerjee	ME			
RB	Mr. Ranojit Banerjee	ME			
AR	Mr. Avik Ray	ME			
SH	Mr. Sudip Kumar Halder	ME			
CB	Prof. (Dr.) Chandrima Bhadra	CIVIL			
BS	Prof. Bedshruti Sen	CIVIL			
SK	Prof. Saurav Kar	CIVIL			
BS	Ms. Bandana Sinha	HUM			
SS	Mr. Saibal Sen	HUM			

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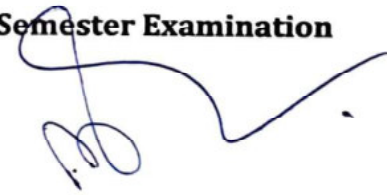
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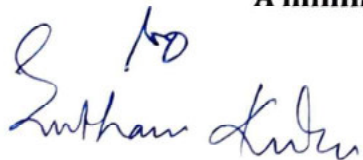
B. Tech 4th Year SEC B 1st Semester

DAY	9.00 AM - 9.55 AM	9.55 AM - 10.50 AM	10.50 AM - 11.45 AM	11.45 AM - 12.25 PM	12.25 PM - 1.20 PM	1.20 PM - 2.15 PM	2.15 PM - 3.10 PM	3.10 PM - 4.05 PM	4.05 PM - 5.00 PM	5.00 PM - 5.55 PM
MON			L/HMTS 4101/SS/CM E 109		L/MECH 4121/ABS/CME 606 L/MECH 4122/RD/CME 617 L/CIVIL 4121/CB/CME 109	LIBRARY	L/MECH 4141/BP/ CME 117 L/MECH 4142/AKR/ CME 104 L/MECH 4143/AB/CME 212 L/MECH 4144/SK/CME 109	L/MECH 4126/DB/CME 117 L/MECH 4127/RD/CME 104 L/MECH 4128/SB/CME 212 L/CIVIL 4126/SK/CME 109	MECH 4195/ PROJE CT-I	
TUE	LAB/MECH 4161/Gr2/AB/APB+MC/CME B011				MECH 4195/ PROJECT- I		LIBRARY			
WED			L/HMTS 4101/ID/CME 109		L/MECH 4121/RBCME 606 L/MECH 4122/SK/CME 617 L/CIVIL 4121/CB/CME 109	MENTORI NG	L/MECH 4141/AJB/CME 606 L/MECH 4142/AKR/CME 212 L/MECH 4143/SDR/CME 109 L/MECH 4144/AR/CME 617	L/MECH 4126/SKS/CME 117 L/MECH 4127/VKS/CME 104 L/MECH 4128/SB/CME 212 L/CIVIL 4126/SK/CME 109	MECH 4195/ PROJE CT-I	
THU	LAB/MECH 4161/Gr1/SDR/RK+APB/CME B011				L/MECH 4111/SK/CME 109	L/MECH 4111/SK/ CME 109	MECH 4195/ PROJECT- I			
FRI		L/MECH 4111/SK/CM E 109	L/HMTS 4101/NM/CM E 109		L/MECH 4121/ABS/CME 606 L/MECH 4122/RD/CME 617 L/CIVIL 4121/BS/CME 109	MENTORI NG	L/MECH 4141/BP/CME 117 L/MECH 4142/SKS/CME 212 L/MECH 4143/SDR/CME 109 L/MECH 4144/AR/CME 617	L/MECH 4126/DB/CME 117 L/MECH 4127/RD/CME 104 L/MECH 4128/SB/CME 212 L/CIVIL 4126/SK/CME 109	REME DIAL/C ME 109	


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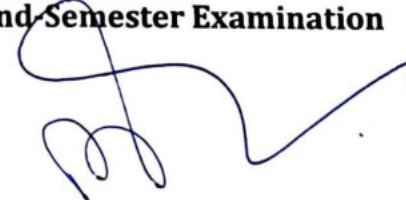
INITIALS	FULLNAME	DEPT	INITIALS	FULLNAME	DEPT
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DB	Mr. Debiprasad Banerjee	ME			
RB	Mr. Ranajit Banerjee	ME			
AR	Mr. Avik Ray	ME			
CB	Prof. (Dr.) Chandrima Bhadra	CIVIL			
BS	Prof. Bedshruti Sen	CIVIL			
SK	Prof. Saurav Kar	CIVIL			
SS	Mr. Saibal Sen	HUM			
ID	Mrs. Indrani De	HUM			
NM	Ms. Nilanjana Mukhopadhyaya	HUM			

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HERITAGE INSTITUTE OF TECHNOLOGY
TIME TABLE
DEPARTMENT OF MECHANICAL ENGINEERING

SESSION: 2023-2024

B. Tech 4th Year SEC A 1st Semester

COURSE STRUCTURE:

4th Year 1st Semester Curriculum:

SL No.	Category	Course Code	Course Title	Contact Hrs/Week				Credit Points
				L	T	P	Total	
1	Humanities	HMTS 4101	Principles of Management	3	0	0	3	3
2	Professional Elective Courses	MECH 4141-4144	Professional Elective - IV	3	0	0	3	3
3	Open Elective Courses	4121-4125	Open Elective-II (Emerging Field)	3	0	0	3	3
4	Open Elective Courses	4126-4130	Open Elective-III (Emerging Field)	3	0	0	3	3
Total Theory				12	0	0	12	12
Sessional								
1	Project/ Summer internship	MECH 4191	Industrial Training /Summer internship	-	-	-	-	2
2	Project	MECH 4195	Project - I	0	0	8	8	4
Total Sessional				0	0	8	8	6
Total of Semester				12	0	8	20	18
Honours Course								
SL No.	Category	Course Code	Course Title	Contact Hours/Week				Credit Points
				L	T	P	Total	
1	Professional Core Courses	MECH 4111	Advanced Manufacturing and Automation	3	0	0	3	3
2	Professional Core Courses	MECH 4161	Advanced Manufacturing and Automation Lab	0	0	2	2	1
Total Semester with Honours				15	0	10	25	22

List of Professional Elective - IV

1. MECH 4141 : Maintenance Engineering
2. MECH 4142 : Materials Handling
3. MECH 4143 : Operations Research
4. MECH 4144 : Automobile Engineering

List of Open Elective-II: Emerging Field (Mech) or other departmental subjects

1. MECH 4121 : CAD/CAM
2. MECH 4122 : Micro and Nano Manufacturing
3. CIVL 4121 : Project Planning and Management
4. AEIE 4121 : Instrumentation and Telemetry

List of Open Elective-III: Emerging Field (Mech) or other departmental subjects

1. MECH 4126 : Renewable Energy Systems
2. MECH 4127 : Industrial Robotics
3. MECH 4128 : Computational Methods in Engineering
4. CIVL 4126 : An introduction to Concrete Technology

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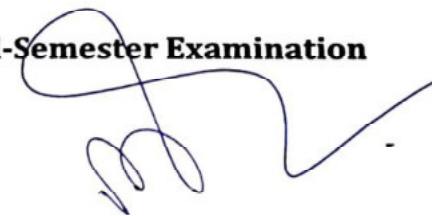
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