

## Exit courses for Civil Engineering students choosing to exit during program

After First Year										
Sr. No.	Course Code	Course Name	L	T	P	Hrs.	Cr	MSE/LA1	ISE/LA2	ESE
1	7CV103	Building Planning and Construction	3	0	0	3	3	30	20	50
2	7CV104	Surveying	3	0	0	3	3	30	20	50
3	7VSCV153	Mini Project 1: Building Planning and Computer-Aided Drawing	0	0	2	2	1	30	30	40
4	7VSCV154	Engineering Surveying Laboratory	0	0	2	2	1	30	30	40

After Second Year										
Sr. No.	Course Code	Course Name	L	T	P	Hrs.	Cr	MSE/LA1	ISE/LA2	ESE
1	7CV204	Concrete Technology	3	0	0	3	3	30	20	50
2	7CV205	Design of Reinforced Concrete Structures	3	0	0	3	3	30	20	50
3	7VSCV254	Concrete Technology Laboratory	0	0	2	2	1	30	30	40
4	7VSCV255	Computer-Aided Structural Design	0	0	2	2	1	30	30	40

After Third Year										
Sr. No.	Course Code	Course Name	L	T	P	Hrs.	Cr	MSE/LA1	ISE/LA2	ESE
1	7CV305	Construction Project Management	3	0	0	3	3	30	20	50
2	7CV306	Design of Steel Structures	3	0	0	3	3	30	20	50
3	7VSCV345	Mini Project 2: Steel Structure Design and Drawing	0	0	2	2	1	30	30	40
4	7VSCV351	Problem Based Lab	0	0	2	2	1	30	30	40

## Exit courses for Mechanical Engineering students choosing to exit during program

After First Year										
Sr. No.	Course Code	Course Name	L	T	P	Hrs.	Cr	MSE/LA1	ISE/LA2	ESE
1	7VSME153	Workshop Practice-1	0	0	4	4	2	30	30	40
2	7VSME154	Workshop Practice-2	0	0	4	4	2	30	30	40

3	7ME103	Machine Drawing	2	0	0	2	2	30	20	50
4	7VSME155	CAD Lab	0	0	4	4	2	30	30	40

#### After Second Year

Sr. No.	Course Code	Course Name	L	T	P	Hrs.	Cr	MSE/LA1	ISE/LA2	ESE
1	7ME205	Metrology	2	0	0	2	2	30	20	50
2	7ME206	Industrial Automation	2	0	0	2	2	30	20	50
3	7ME207	Mechanical Systems	2	0	0	2	2	30	20	50
4	7VSME245	Internship	-	-	-	-	2	30	30	40

#### After Third Year

Sr. No.	Course Code	Course Name	L	T	P	Hrs.	Cr	MSE/LA1	ISE/LA2	ESE
1	7VSME353	Workshop Practice-1	0	0	4	4	2	30	30	40
2	7VSME354	Workshop Practice-2	0	0	4	4	2	30	30	40
3	7ME305	Machine Drawing	2	0	0	2	2	30	20	50
4	7VSME355	CAD Lab	0	0	4	4	2	30	30	40

### Exit courses for Electrical Engineering students choosing to exit during program

#### After First Year

Sr. No.	Course Code	Course Name	L	T	P	Hrs.	Cr	MSE/LA1	ISE/LA2	ESE
1	7EL103	Domestic Appliances Maintenance and Repair	3	0	0	3	3	30	20	50
2	7EL104	Arduino Based Systems	3	0	0	3	3	30	20	50
3	7VSEL153	Domestic Appliances Maintenance and Repair Lab	0	0	2	2	1	30	30	40
4	7VSEL154	Arduino Based Systems Lab	0	0	2	2	1	30	30	40

### Exit courses for Electronics Engineering students choosing to exit during program

#### After First Year

Sr. No.	Course Code	Course Name	L	T	P	Hrs.	Cr	MSE/LA1	ISE/LA2	ESE
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1	7VSEN153	Electronics Workshop	2	0	4	6	4	30	30	40
2	7VSEN154	Arduino Programming	3	0	2	5	4	30	30	40

**After Second Year**

Sr. No.	Course Code	Course Name	L	T	P	Hrs.	Cr	MSE/LA1	ISE/LA2	ESE
1	7VSEN251	1. Microcontroller and Peripheral Interfacing	3	0	2	5	4	30	30	40
2	7VSEN245	2. Mini Project	0	0	4	4	2	30	30	40
3	7VSEN246	3. Internship	0	0	4	4	2	30	30	40

**After Third Year**

Sr. No.	Course Code	Course Name	L	T	P	Hrs.	Cr	MSE/LA1	ISE/LA2	ESE
1	7VSEN352	1. Real time Operating System	3	3	2	5	4	30	30	40
2	7VSEN347	2. Mini Project	0	0	4	4	2	30	30	40
3	7VSEN248	3. Internship	0	0	4	4	2	30	30	40

**Exit courses for Computer Science and Engineering students choosing to exit during program**

**After First Year**

Sr. No.	Course Code	Course Name	L	T	P	Hrs.	Cr	MSE/LA1	ISE/LA2	ESE
1	7VSCS153	Object oriented programming	2	0	4	6	4	30	30	40
2	7VSCS154	Python Programming	2	0	4	6	4	30	30	40

**After Second Year**

Sr. No.	Course Code	Course Name	L	T	P	Hrs.	Cr	MSE/LA1	ISE/LA2	ESE
1	7VSCS252	Network Administration	2	0	4	6	4	30	30	40
2	7VSCS253	Data Center Essentials	2	0	4	6	4	30	30	40

**After Third Year**

Sr. No.	Course Code	Course Name	L	T	P	Hrs.	Cr	MSE/LA1	ISE/LA2	ESE
1	7VSCS354	Andoid App Development	2	0	4	6	4	30	30	40
2	7VSCS355	iOS App Development	2	0	4	6	4	30	30	40

## Exit courses for Information and Technology students choosing to exit during program

After First Year										
Sr. No.	Course Code	Course Name	L	T	P	Hrs.	Cr	MSE/LA1	ISE/LA2	ESE
1	7IT103	Fundamentals of Linux	2	0	0	2	2	30	20	50
2	7VSIT153	Software Essentials	2	0	2	4	3	30	20	50
3	7IT104	Network Fundamentals	2	0	0	2	2	30	20	50
4	7VSIT154	Linux and Networking Lab	0	0	2	2	1	30	30	40

After Second Year										
Sr. No.	Course Code	Course Name	L	T	P	Hrs.	Cr	MSE/LA1	ISE/LA2	ESE
1	7IT204	Advance Java Programming	2	0	0	2	2	20	30	50
2	7VSIT254	Mobile App Develepment	2	0	2	4	3	20	30	50
3	7IT205	Python for App Development	2	0	0	2	2	20	30	50
4	7VSIT255	Programming Lab(Mobile and Python)	0	0	2	2	1	30	30	40

After Third Year										
Sr. No.	Course Code	Course Name	L	T	P	Hrs.	Cr	MSE/LA1	ISE/LA2	ESE
1	7IT304	Advance Web Technology	2	0	0	2	2	20	30	50
2	7IT305	Web Database	2	0	0	2	2	20	30	50
3	7VSIT352	Cloud Technologies	2	0	2	4	3	20	30	50
4	7VSIT345	Mini-Project	0	0	2	2	1	30	30	40
<b>Total</b>			6	0	4	10	8			

## Exit courses for Robotics and Automation students choosing to exit during program

After First Year										
Sr. No.	Course Code	Course Name	L	T	P	Hrs.	Cr	MSE/LA1	ISE/LA2	ESE
1	7VSRA153	Workshop Practice-1	0	0	4	4	2	30	30	40
2	7VSRA154	Workshop Practice-2	0	0	4	4	2	30	30	40

3	7RA103	Machine Drawing	2	0	0	2	2	30	20	50
4	7VSRA155	CAD Lab	0	0	4	4	2	30	30	40
		<b>After Second Year</b>								
<b>Sr. No.</b>	<b>Course Code</b>	<b>Course Name</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>Hrs.</b>	<b>Cr</b>	<b>MSE/LA1</b>	<b>ISE/LA2</b>	<b>ESE</b>
1	7RA205	Metrology	2	0	0	2	2	30	20	50
2	7RA206	Manufacturing Technology	2	0	0	2	2	30	20	50
3	7RA207	Mechanical Systems	2	0	0	2	2	30	20	50
4	7VSRA245	Internship	-	-	-	-	2	30	30	40
		<b>After Third Year</b>								
<b>Sr. No.</b>	<b>Course Code</b>	<b>Course Name</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>Hrs.</b>	<b>Cr</b>	<b>MSE/LA1</b>	<b>ISE/LA2</b>	<b>ESE</b>
1	7VSRA353	Maintenance of Mechanical Systems	0	0	4	4	2	30	30	40
2	7VSRA354	Energy Engineering	0	0	4	4	2	30	30	40
3	7RA345	Mini-Project	2	0	0	2	2	30	20	50
4	7VSRA346	Internship	0	0	4	4	2	30	30	40