



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

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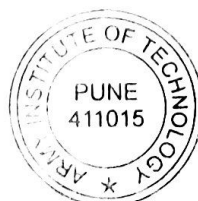
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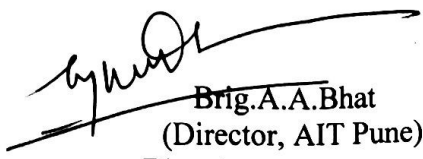
Declaration

This is to declare that Army Institute of Technology, Dighi, Pune is affiliated to Savitribai Phule Pune University (SPPU) and recognized by AICTE for the following number of courses against each program for academic year 2015-2020.

Sr. No	Degree	Program	Number of Course per Academic Year (SEM-I & SEM-II)					Annexure Page No.	
			2015-2016	2016-2017	2017-2018	2018-2019	2019-2020		
1	Bachelor of Engineering (B.E)	Information Technology	FE	14	15	15	15	15	2-8
			SE	16	19	19	19	19	
			TE	16	16	19	19	19	
			BE	15	15	15	17	17	
			Total	61	65	68	70	70	
2		Computer Science	FE	14	15	15	15	15	9-16
			SE	12	19	19	19	19	
			TE	16	16	19	19	19	
			BE	15	15	15	17	17	
			Total	57	65	68	70	70	
3		Electronics and Telecommunications	FE	14	15	15	15	15	17-23
			SE	13	13	13	13	13	
			TE	14	17	16	16	16	
			BE	15	15	15	15	15	
			Total	56	60	59	59	59	
4		Mechanical Engineering	FE	14	15	15	15	15	24-34
	SE		14	14	14	14	14		
	TE		13	13	14	14	14		
	BE		11	11	11	11	11		
	Total		52	53	54	54	54		
1	Master of Engineering (M.E)	Mechanical Engineering	ME	19	19	19	19	19	25,27,29, 31,33
			Total	19	19	19	19	19	
Number of Courses per Academic Year (Grand Total):				245	262	265	272	272	01

Note: A list of course code and course name as per the syllabus structure published by SPPU is attached as an annexure for each program for an academic year 2015-2019.




 Brig. A.A. Bhat
 (Director, AIT Pune)
 Director
 Army Institute of Technology
 Dighi Hills, Pune - 411015.

Program: BE- Information Technology			
Academic Year	Year	Course code	Course name
2019-20	FE(sem1 &2)	107001	Engineering Mathematics-I
		107002	Engineering Physics
		102003	Systems in Mechanical Engineering
		103004	Basic Electrical Engineering
		110005	Programming and Problem Solving
		111006	Workshop@
		101007	Audit Course 1- Environmental Science
		107008	Engineering Mathematics-II
		107009	Engineering Chemistry
		104010	Basic Electronics Engineering
		101011	Engineering Mechanics
		102012	Engineering Graphics ^Ω
		110013	Project Based Learning [§]
		101014	Audit Course 2 ^{&} -Environmental Science
		107015	Physical Education-Exercise and Field Activities
	SE(sem1 &2)	214441	Discrete Structures
		214442	Computer Organization & Architecture
		214443	Digital Electronics & Logic Design
		214444	Fundamental of Data Structure
		214445	Problem Solving & Object Oriented Programming
		214446	Digital Laboratory
		214447	Programming Laboratory
		214448	Object Oriented Programming Laboratory
		214449	Communication Skills
			Audit Course
		207003	Engineering Mathematics- III
		214450	Computer Graphics
		214451	Processor Architecture & Interfacing
		214452	Data Structures & Files
		214453	Foundation Of Communication and Computer Network
		214454	Processor Interfacing Laboratory
		214455	Data Structure & Files Laboratory
		214456	Computer Graphics Laboratory
		Audit Course	
	TE(sem1 &2)	314441	Theory of Computation
		314442	Database Management System
		314443	Software Engineering &Project Management
		314444	Operating System
		314445	Human-Computer Interaction
		314446	Software Laboratory-I
		314447	Software Laboratory-II
		314448	Software Laboratory-III
		314449	Audit Course 3
		314450	Computer Network Technology

		314451	Systems Programming
		314452	Design and Analysis of Algorithms
		314453	Cloud Computing
		314454	Data Science & Big Data Analytics
		314455	Software Laboratory-IV
		314456	Software Laboratory-V
		314457	Software Laboratory-VI
		314458	Project Based Seminar
	314459	Audit Course 4	
	BE(sem1 &2)	414453	Information and Cyber Security
		414454	Machine Learning and Applications
		414455	Software Design And Modelling
		414456E	Elective I
		414457C	Elective II
		414458	Computer Laboratory- VII
		414459	Computer Laboratory- VIII
		414460	Project Phase-I
		414461	Audit Course-V
		414462	Distributed Computing System
		414463	Ubiquitous Computing
414464		Elective-III	
414465	Elective-IV		
414466	Computer Laboratory-IX		
414467	Computer Laboratory-X		
414468	Project Work		
414469	Audit Course VI		
2018-19	FE(sem1 &2)	107001	Engineering Mathematics-I
		107002	Engineering Physics /
		102003	Systems in Mechanical Engineering
		103004	Basic Electrical Engineering
		110005	Programming and Problem Solving
		111006	Workshop@
		101007	Audit Course 1- Environmental Science
		107008	Engineering Mathematics-II
		107009	Engineering Chemistry
		104010	Basic Electronics Engineering
		101011	Engineering Mechanics
		102012	Engineering Graphics ^Ω
		110013	Project Based Learning [§]
		101014	Audit Course 2 ^{&} -Environmental Science
		107015	Physical Education-Exercise and Field Activities
	SE(sem1 &2)	214441	Discrete Structures
		214442	Computer Organization & Architecture
		214443	Digital Electronics & Logic Design
		214444	Fundamental of Data Structure
		214445	Problem Solving & Object Oriented Programming
214446		Digital Laboratory	
214447		Programming Laboratory	

		214448	Object Oriented Programming Laboratory
		214449	Communication Skills
			Audit Course
		207003	Engineering Mathematics- III
		214450	Computer Graphics
		214451	Processor Architecture & Interfacing
		214452	Data Structures & Files
		214453	Foundation Of Communication and Computer Network
		214454	Processor Interfacing Laboratory
		214455	Data Structure & Files Laboratory
		214456	Computer Graphics Laboratory
			Audit Course
	TE(sem1 &2)	314441	Theory of Computation
		314442	Database Management System
		314443	Software Engineering &Project Management
		314444	Operating System
		314445	Human-Computer Interaction
		314446	Software Laboratory-I
		314447	Software Laboratory-II
		314448	Software Laboratory-III
		314449	Audit Course 3
		314450	Computer Network Technology
		314451	Systems Programming
		314452	Design and Analysis of Algorithms
		314453	Cloud Computing
		314454	Data Science & Big Data Analytics
		314455	Software Laboratory-IV
		314456	Software Laboratory-V
		314457	Software Laboratory-VI
		314458	Project Based Seminar
	314459	Audit Course 4	
	BE(sem1 &2)	414453	Information and Cyber Security
		414454	Machine Learning and Applications
414455		Software Design And Modelling	
414456		Elective I	
414457		Elective II	
414458		Computer Laboratory- VII	
414459		Computer Laboratory- VIII	
414460		Project Phase-I	
414461		Audit Course-V	
414462		Distributed Computing System	
414463		Ubiquitous Computing	
414464		Elective-III Information Storage & Retrieval	
414465		Elective-IV Computer Vision	
414466	Computer Laboratory-IX		
414467	Computer Laboratory-X		
414468	Project Work		

		414469	Audit Course VI
2017-18	FE(sem1 &2)	107001	Engineering Mathematics-I
		107002	Engineering Physics
		102003	Systems in Mechanical Engineering
		103004	Basic Electrical Engineering
		110005	Programming and Problem Solving
		111006	Workshop@
		101007	Audit Course 1- Environmental Science
		107008	Engineering Mathematics-II
		107009	Engineering Chemistry
		104010	Basic Electronics Engineering
		101011	Engineering Mechanics
		102012	Engineering Graphics ^Ω
		110013	Project Based Learning [§]
		101014	Audit Course 2 ^{&} -Environmental Science
		107015	Physical Education-Exercise and Field Activities
	SE(sem1 &2)	214441	Discrete structure
		214442	Computer Organization & Architecture
		214443	Digital Electronics & Logic Design
		214444	Fundamental of Data Structure
		214445	Problem Solving & Object Oriented Programming
		214446	Digital Laboratory
		214447	Programming Laboratory
		214448	Object Oriented Programming Laboratory
		214449	Communication Skills
			Audit Course
		207003	Engineering Mathematics- III
		214450	Computer Graphics
		214451	Processor Architecture & Interfacing
		214452	Data Structures & Files
		214453	Foundations of Communication and Computer Network
		214454	Processor Interfacing Laboratory
		214455	Data Structure & Files Laboratory
	214456	Computer Graphics Laboratory	
		Audit Course	
	TE(sem1 &2)	314441	Theory of Computation
		314442	Database Management System
		314443	Software Engineering &Project Management
		314444	Operating System
		314445	Human-Computer Interaction
		314446	Software Laboratory-I
		314447	Software Laboratory-II
		314448	Software Laboratory-III
314449		Audit Course 3	
314450		Computer Network Technology	
314451		Systems Programming	
314452		Design and Analysis of Algorithms	

		314453	Cloud Computing
		314454	Data Science & Big Data Analytics
		314455	Software Laboratory-IV
		314456	Software Laboratory-V
		314457	Software Laboratory-VI
		314458	Project Based Seminar
		314459	Audit Course 4
	BE(sem1 &2)	414453	Information & Cyber Security
		414454	Software Modeling and Design
		414455	Machine Learning
		414456	Elective - I
		414457	Elective - II
		414458	Software Laboratory - III
		414459	Software Laboratory - IV
		414460	Project Phase I
		414461	Distributed System
		414462	Advanced Databases
		414463	Elective III
		414464	Elective IV
		414465	Software Laboratory - V
414466	Software Laboratory - VI		
414467	Project Work		
	FE(sem1 &2)	107001	Engineering Mathematics-I
		107002	Engineering Physics
		102003	Systems in Mechanical Engineering
		103004	Basic Electrical Engineering
		110005	Programming and Problem Solving
		111006	Workshop@
		101007	Audit Course 1- Environmental Science
		107008	Engineering Mathematics-II
		107009	Engineering Chemistry
		104010	Basic Electronics Engineering
		101011	Engineering Mechanics
		102012	Engineering Graphics ^Ω
		110013	Project Based Learning [§]
		101014	Audit Course 2 ^{&} -Environmental Science
		107015	Physical Education-Exercise and Field Activities
	SE(sem1 &2)	214441	Discrete structure
		214442	Computer Organization & Architecture
		214443	Digital Electronics & Logic Design
		214444	Fundamental of Data Structure
		214445	Problem Solving & Object Oriented Programming
		214446	Digital Laboratory
		214447	Programming Laboratory
		214448	Object Oriented Programming Laboratory
		214449	Communications Skill
			Audit Course
	207003	Engineering Mathematics- III	

2016-2017		214450	Computer Graphics	
		214451	Processor Architecture & Interfacing	
		214452	Data Structures & Files	
		214453	Foundations of Communication and Computer Network	
		214454	Processor Interfacing Laboratory	
		214455	Data Structure & Files Laboratory	
		214456	Computer Graphics Laboratory	
	TE(sem1 &2)			Audit Course
		314441	Computer network technology	
		314442	Theory of Computation	
		314443	Database Management System	
		314444	Software Engineering	
		314445	Web Engineering and Technology	
		314446	Software Laboratory - I	
		314447	Database Management Systems Laboratory	
		314448	Employability Skill Development Laboratory	
		314449	Design and Analysis of Algorithms	
		314450	Systems Programming	
		314451	Operating System	
		314452	Multimedia Technology	
		314453	Information Tech Project Management	
	314454	Operating System Laboratory		
	314455	Software Laboratory - II		
	314456	Seminar & Technical Communication Lab.		
	BE(sem1 &2)	414453	Information and Cyber Security	
		414454	Software Modeling and Design	
		414455	Machine Learning	
		414456	Elective - I	
		414457	Elective - II	
		414458	Software Laboratory - III	
		414459	Software Laboratory - IV	
		414460	Project Phase I	
		414461	Distributed System	
		414462	Advanced Databases	
		414463	Elective - III	
414464		Elective - IV		
414465		Software Laboratory - V		
414466		Software Laboratory - VI		
414467	Project Work			
2016-2017	FE(sem1 &2)	107001	Engineering Mathematics-I	
		107002	Engineering Physics	
		102003	Systems in Mechanical Engineering	
		103004	Basic Electrical Engineering	
		110005	Programming and Problem Solving	
		111006	Workshop@	
		101007	Audit Course 1- Environmental Science	
		107008	Engineering Mathematics-II	

		107009	Engineering Chemistry
		104010	Basic Electronics Engineering
		101011	Engineering Mechanics
		102012	Engineering Graphics ^Ω
		110013	Project Based Learning [§]
		101014	Audit Course 2 ^{&} -Environmental Science
		107015	Physical Education-Exercise and Field Activities
2015-16	SE(sem1 &2)	214441	Discrete structure
		214442	Computer Organization
		214443	Digital Electronics and Logic Designs
		214444	Fundamental of Data Structure
		214445	Problem Solving & Object Oriented Programming
		214446	Digital Electronics Laboratory
		214447	Programming Laboratory
		214448	Communication and Language Laboratory
		207003	Engineering Mathematics- III
		214449	Computer Graphics
		214450	Processor Architecture & Interfacing
		214451	Data Structures & Files
		214452	Foundation of Computer Network
		214453	Processor Interfacing Laboratory
		214454	Data Structure & Files Laboratory
		214455	Computer Graphics Laboratory
	TE(sem1 &2)	314441	Computer Network Technology
		314442	Theory of Computation
		314443	Database Management Systems
		314444	Software Engineering
		314445	Web Engineering and Technology
		314446	Software Laboratory - I
		314447	Database Management Systems Laboratory
		314448	Employability Skill Development Laboratory
		314449	Design and Analysis of Algorithms
		314450	Systems Programming
		314451	Operating System
		314452	Multimedia Technologies
	314453	Information Tech Project Management	
	314454	Operating System Laboratory	
	314455	Software Laboratory - II	
	314456	Seminar & Technical Communication Lab.	
	BE(sem1 &2)	414453	Information and Cyber Security
414454		Software Modeling and Design	
414455		Machine Learning	
414456		Elective - I	
414457		Elective - II	
414458		Software Laboratory - III	
414459		Software Laboratory - IV	
414460		Project Phase I	
414461	Distributed System		

		414462	Advanced Databases
		414463	Elective – III
		414464	Elective – IV
		414465	Software Laboratory - V
		414466	Software Laboratory - VI
		414467	Project Work
2015-16	FE(sem1 &2)	107001	Engineering Mathematics-I
		107002	Engineering Physics
		102003	Systems in Mechanical Engineering
		103004	Basic Electrical Engineering
		110005	Programming and Problem Solving
		111006	Workshop@
		101007	Audit Course 1- Environmental Science
		107008	Engineering Mathematics-II
		107009	Engineering Chemistry
		104010	Basic Electronics Engineering
		101011	Engineering Mechanics
		102012	Engineering Graphics ^Ω
		110013	Project Based Learning [§]
		101014	Audit Course 2 ^{&} -Environmental Science

Program: BE - Computer Engineering			
Academic Year	Year	Course code	Course name
2019-20	FE(sem1 &2)	107001	Engineering Mathematics-I
		107002	Engineering Physics
		102003	Systems in Mechanical Engineering
		103004	Basic Electrical Engineering
		110005	Programming and Problem Solving
		111006	Workshop@
		101007	Audit Course 1- Environmental Science
		107008	Engineering Mathematics-II
		107009	Engineering Chemistry
		104010	Basic Electronics Engineering
		101011	Engineering Mechanics
		102012	Engineering Graphics ^Ω
		110013	Project Based Learning [§]
		101014	Audit Course 2 ^{&} -Environmental Science
		107015	Physical Education-Exercise and Field Activities
2019-20	SE(sem1 &2)	210241	Discrete Mathematics
		210242	Digital Electronics and Logic Design
		210243	Data Structures and Algorithms
		210244	Computer Organization and Architecture
		210245	Object Oriented Programming
		210246	Digital Electronics Lab
		210247	Data Structures Lab
		210248	Object Oriented Programming Lab
		210249	Soft Skills
		210250	Audit Course 1
		207003	Engineering Mathematics III
		210251	Computer Graphics
		210252	Advanced Data Structures
		210253	Microprocessor
		210254	Principles of Programming Languages
		210255	Computer Graphics Lab
		210256	Advanced Data Structures Lab
		210257	Microprocessor Lab
		210258	Audit Course 2
2019-20	TE(sem1 &2)	310241	Theory of Computation
		310242	Database Management Systems
		310243	Software Engineering and Project Management
		310244	Information Systems and Engineering Economics
		310245	Computer Networks
		310246	Skill Development Lab
		310247	Database Management System Lab
		310248	Computer Networks Lab

		310249	Audit Course 3
		310250	Design and Analysis of Algorithms
		310251	Systems Programming and Operating System
		310252	Embedded Systems and Internet of Things
		310253	Software Modeling and Design
		310254	Web Technology
		310255	Seminar and Technical Communication
		310256	Web Technology Lab
		310257	System Programming & Operating System Lab
		310258	Embedded Systems & Internet of Things Lab
		310259	Audit Course 4
2019-20	BE(sem1 &2)	410241	High Performance Computing
		410242	Artificial Intelligence and Robotics
		410243	Data Analytics
		410244	Elective I
		410245	Elective II
		410246	Laboratory Practice I
		410247	Laboratory Practice II
		410248	Project Work Stage I
		410249	Audit Course 5
		410250	Machine Learning
		410251	Information and Cyber Security
		410252	Elective III
		410253	Elective IV
		410254	Laboratory Practice III
		410255	Laboratory Practice IV
		410256	Project Work Stage II
410257	Audit Course 6		
2018-19	FE(sem1 &2)	107001	Engineering Mathematics-I
		107002	Engineering Physics /
		102003	Systems in Mechanical Engineering
		103004	Basic Electrical Engineering
		110005	Programming and Problem Solving
		111006	Workshop@
		101007	Audit Course 1- Environmental Science
		107008	Engineering Mathematics-II
		107009	Engineering Chemistry
		104010	Basic Electronics Engineering
		101011	Engineering Mechanics
		102012	Engineering Graphics ^Ω
		110013	Project Based Learning [§]
		101014	Audit Course 2 ^{&} -Environmental Science
		107015	Physical Education-Exercise and Field Activities
2018-19	SE(sem1 &2)	210241	Discrete Mathematics
		210242	Digital Electronics and Logic Design

		210243	Data Structures and Algorithms
		210244	Computer Organization and Architecture
		210245	Object Oriented Programming
		210246	Digital Electronics Lab
		210247	Data Structures Lab
		210248	Object Oriented Programming Lab
		210249	Soft Skills
		210250	Audit Course 1
		207003	Engineering Mathematics III
		210251	Computer Graphics
		210252	Advanced Data Structures
		210253	Microprocessor
		210254	Principles of Programming Languages
		210255	Computer Graphics Lab
		210256	Advanced Data Structures Lab
		210257	Microprocessor Lab
		210258	Audit Course 2
2018-19	TE(sem1 &2)	310241	Theory of Computation
		310242	Database Management Systems
		310243	Software Engineering and Project Management
		310244	Information Systems and Engineering Economics
		310245	Computer Networks
		310246	Skill Development Lab
		310247	Database Management System Lab
		310248	Computer Networks Lab
		310249	Audit Course 3
		310250	Design and Analysis of Algorithms
		310251	Systems Programming and Operating System
		310252	Embedded Systems and Internet of Things
		310253	Software Modeling and Design
		310254	Web Technology
		310255	Seminar and Technical Communication
		310256	Web Technology Lab
		310257	System Programming & Operating System Lab
310258	Embedded Systems & Internet of Things Lab		
310259	Audit Course 4		
2018-19	BE(sem1 &2)	410241	High Performance Computing
		410242	Artificial Intelligence and Robotics
		410243	Data Analytics
		410244	Elective I
		410245	Elective II
		410246	Laboratory Practice I
		410247	Laboratory Practice II
		410248	Project Work Stage I
		410249	Audit Course 5

		410250	Machine Learning
		410251	Information and Cyber Security
		410252	Elective III
		410253	Elective IV
		410254	Laboratory Practice III
		410255	Laboratory Practice IV
		410256	Project Work Stage II
		410257	Audit Course 6
2017-18	FE(sem1 &2)	107001	Engineering Mathematics-I
		107002	Engineering Physics /
		102003	Systems in Mechanical Engineering
		103004	Basic Electrical Engineering
		110005	Programming and Problem Solving
		111006	Workshop@
		101007	Audit Course 1- Environmental Science
		107008	Engineering Mathematics-II
		107009	Engineering Chemistry
		104010	Basic Electronics Engineering
		101011	Engineering Mechanics
		102012	Engineering Graphics ^Ω
		110013	Project Based Learning [§]
		101014	Audit Course 2 ^{&} -Environmental Science
		107015	Physical Education-Exercise and Field Activities
2017-18	SE(sem1 &2)	210241	Discrete Mathematics
		210242	Digital Electronics and Logic Design
		210243	Data Structures and Algorithms
		210244	Computer Organization and Architecture
		210245	Object Oriented Programming
		210246	Digital Electronics Lab
		210247	Data Structures Lab
		210248	Object Oriented Programming Lab
		210249	Soft Skills
		210250	Audit Course 1
		207003	Engineering Mathematics III
		210251	Computer Graphics
		210252	Advanced Data Structures
		210253	Microprocessor
		210254	Principles of Programming Languages
		210255	Computer Graphics Lab
		210256	Advanced Data Structures Lab
		210257	Microprocessor Lab
		210258	Audit Course 2
		2017-18	TE(sem1 &2)
310242	Database Management Systems		
310243	Software Engineering and Project Management		

		310244	Information Systems and Engineering Economics
		310245	Computer Networks
		310246	Skill Development Lab
		310247	Database Management System Lab
		310248	Computer Networks Lab
		310249	Audit Course 3
		310250	Design and Analysis of Algorithms
		310251	Systems Programming and Operating System
		310252	Embedded Systems and Internet of Things
		310253	Software Modeling and Design
		310254	Web Technology
		310255	Seminar and Technical Communication
		310256	Web Technology Lab
		310257	System Programming & Operating System Lab
		310258	Embedded Systems & Internet of Things Lab
310259	Audit Course 4		
2017-18	BE(sem1 &2)	410441	Design & Analysis of Algorithms
		410442	Principles of Modern Compiler Design
		410443	Smart System Design and Applications
		410444	Elective-I
		410445	Elective-II
		410446	Computer laboratory-I
		410447	Computer laboratory-II
		410448	Project
		410449	Software Design Methodologies & Testing
		410450	High Performance Computing
		410451	Elective-III
		410452	Elective-IV Open Elective
		410453	Computer laboratory-III
		410454	Computer laboratory-IV
		410455	Project
2016-17	FE(sem1 &2)	107001	Engineering Mathematics-I
		107002	Engineering Physics /
		102003	Systems in Mechanical Engineering
		103004	Basic Electrical Engineering
		110005	Programming and Problem Solving
		111006	Workshop@
		101007	Audit Course 1- Environmental Science
		107008	Engineering Mathematics-II
		107009	Engineering Chemistry
		104010	Basic Electronics Engineering
		101011	Engineering Mechanics
		102012	Engineering Graphics ^Ω
		110013	Project Based Learning [§]
		101014	Audit Course 2 ^{&} -Environmental Science

		107015	Physical Education-Exercise and Field Activities
2016-17	SE(sem1 &2)	210241	Discrete Mathematics
		210242	Digital Electronics and Logic Design
		210243	Data Structures and Algorithms
		210244	Computer Organization and Architecture
		210245	Object Oriented Programming
		210246	Digital Electronics Lab
		210247	Data Structures Lab
		210248	Object Oriented Programming Lab
		210249	Soft Skills
		210250	Audit Course 1
		207003	Engineering Mathematics III
		210251	Computer Graphics
		210252	Advanced Data Structures
		210253	Microprocessor
		210254	Principles of Programming Languages
		210255	Computer Graphics Lab
		210256	Advanced Data Structures Lab
		210257	Microprocessor Lab
210258	Audit Course 2		
2016-17	TE(sem1 &2)	310241	Theory of Computation
		310242	Operating Systems Design
		310243	Data Communication and Wireless Sensor Networks
		310244	Database Management Systems Applications
		310245	Computer Forensic and Cyber Applications
		310246	Programming Lab-I
		310247	Programming Lab-II
		310248	Employability Skills Development Lab
		310249	Principles of Concurrent and Distributed Programming
		310250	Embedded Operating Systems
		310251	Computer Networks
		310252	Software Engineering
		310253	Digital Signal Processing Applications
		310254	Programming Laboratory-III
		310255	Programming Laboratory-IV
310256	Seminar and Technical Communication Laboratory		
2016-17	BE(sem1 &2)	410441	Design & Analysis of Algorithms
		410442	Principles of Modern Compiler Design
		410443	Smart System Design and Applications
		410444	Elective-I
		410445	Elective-II
		410446	Computer laboratory-I
		410447	Computer laboratory-II
		410448	Project

		410449	Software Design Methodologies & Testing
		410450	High Performance Computing
		410451	Elective-III
		410452	Elective-IV Open Elective
		410453	Computer laboratory-III
		410454	Computer laboratory-IV
		410455	Project
2015-16	FE(sem1 &2)	107001	Engineering Mathematics-I
		107002	Engineering Physics
		102003	Systems in Mechanical Engineering
		103004	Basic Electrical Engineering
		110005	Programming and Problem Solving
		111006	Workshop@
		101007	Audit Course 1- Environmental Science
		107008	Engineering Mathematics-II
		107009	Engineering Chemistry
		104010	Basic Electronics Engineering
		101011	Engineering Mechanics
		102012	Engineering Graphics ^Ω
		110013	Project Based Learning [§]
		101014	Audit Course 2 ^{&} -Environmental Science
2015-16	SE(sem1 &2)	210241	Discrete Structures
		210242	Data Structures and Problem Solving
		210243	Digital Electronics and Logic Design
		210244	Operating System and Administration
		210245	Microprocessor Architecture
		210246	Soft Skills
		210247	Object Oriented and Multicore Programming
		210248	Microprocessors and Interfacing Techniques
		210249	Computer Graphics and Gaming
		210250	Computer Organization
		207003	Engineering Maths - III
		210251	Programming Laboratory
2015-16	TE(sem1 &2)	310241	Theory of Computation
		310242	Operating Systems Design
		310243	Data Communication and Wireless Sensor Networks
		310244	Database Management Systems Applications
		310245	Computer Forensic and Cyber Applications
		310246	Programming Lab-I
		310247	Programming Lab-II
		310248	Employability Skills Development Lab
		310249	Principles of Concurrent and Distributed Programming
310250	Embedded Operating Systems		

		310251	Computer Networks
		310252	Software Engineering
		310253	Digital Signal Processing Applications
		310254	Programming Laboratory-III
		310255	Programming Laboratory-IV
		310256	Seminar and Technical Communication Laboratory
2015-16	BE(sem1 &2)	410441	Design & Analysis of Algorithms
		410442	Principles of Modern Compiler Design
		410443	Smart System Design and Applications
		410444	Elective-I
		410445	Elective-II
		410446	Computer laboratory-I
		410447	Computer laboratory-II
		410448	Project-I
		410449	Software Design Methodologies & Testing
		410450	High Performance Computing
		410451	Elective-III
		410452	Elective-IV Open Elective
		410453	Computer laboratory-III
		410454	Computer laboratory-IV
		410455	Project-II

Program: BE-Electronics and Telecommunications

2015-16	SE E&TC (Sem-I & II)	204181	Signals & Systems
		204182	Electronic Devices & Circuits
		204183	Network Theory
		204184	Data structures & Algorithms
		204185	Digital Electronics
		204186	Electronic Measuring Instruments & Tools
		207005	Engineering Maths-III
		204187	Integrated Circuits
		204188	Control Systems
		204189	Analog Communication
		204190	Computer Organization
		204191	Object Oriented Programming
		204192	Soft Skills
	TE E&TC (Sem-I & II)	304181	Digital Communication
		304182	Digital Signal Processing
		304183	Micro Controller and Applications
		304184	Electromagnetics and Transmission Lines
		304185	System Programming and Operating System
		304186	Digital Communication and Signal Processing Lab
		304187	System Programming and Microcontroller Applications Lab
		304188	Employability Skills in Electronics Design
		304189	Information Theory and Coding Techniques
		304190	Antenna and Wave Propagation
		304191	Embedded Processors
		304192	Industrial Management
		304193	Power Electronics
	304194	Communication Lab	
	304195	Power Electronics and Embedded Lab	
	BE E&TC (Sem-I & II)	404181	VLSI Design & Technology
		404182	Computer Networks
		404183	Microwave Engineering
		404184	Elective I (Digital Image Processing /Embedded Systems & RTOS)
		404185	Elective II (Electronic Product design/Artificial Intelligence)
		404186	Lab Practice I (CN & MWE)
		404187	Lab Practice II (VLSI &Elective I)
		404188	Project Phase I
404189		Mobile Communication	
404190		Broadband Communication Systems	
404191	Elective III (Audio Video Engineering /Soft Computing)		
404192	Elective IV(Nano Electronics & MEMS/Wireless Networks/Business Analytics)		
404193	Lab Practice III(MC & BCS)		
404194	Lab Practice IV(Elective III)		

Program: BE-Electronics and Telecommunications			
2016-17	SE E&TC (Sem-I & II)	404195	Project Phase II
		204181	Signals & Systems
		204182	Electronic Devices & Circuits
		204183	Network Theory
		204184	Data structures & Algorithms
		204185	Digital Electronics
		204186	Electronic Measuring Instruments & Tools
		204192	Audit Course 1
		207005	Engineering Maths-III
		204187	Integrated Circuits
		204188	Control Systems
		204189	Analog Communication
		204190	Object Oriented Programming
		204193	Audit Course 2
	TE E&TC (Sem-I & II)	304196	Mini project and Seminar
		304181	Digital Communication
		304182	Digital Signal Processing
		304183	Micro Controller and Applications
		304184	Electromagnetics and Transmission Lines
		304185	System Programming and Operating System
		304186	Digital Communication and Signal Processing Lab
		304187	System Programming and Microcontroller Applications Lab
		304188	Employability Skills in Electronics Design
		304189	Information Theory and Coding Techniques
		304190	Antenna and Wave Propagation
		304191	Embedded Processors
		304192	Industrial Management
		304193	Power Electronics
	BE E&TC (Sem-I & II)	304194	Communication Lab
		304195	Power Electronics and Embedded Lab
		304196	Mini project and Seminar
		404181	VLSI Design & Technology
		404182	Computer Networks
		404183	Microwave Engineering
		404184	Elective I (Digital Image Processing /Embedded Systems & RTOS)
		404185	Elective II (Electronic Product design/Artificial Intelligence)
404186		Lab Practice I (CN & MWE)	
404187		Lab Practice II (VLSI &Elective I)	
404188		Project Phase I	
404189	Mobile Communication		
404190	Broadband Communication Systems		
404191	Elective III (Audio Video Engineering /Soft Computing)		

Program: BE-Electronics and Telecommunications

		404192	Elective IV(Wireless Network/ Internet of Things/BUSSINESS ANALYATIC AND INTELLEGENCE)
		404193	Lab Practice III(MC & BCS)
		404194	Lab Practice IV(Elective III)
		404195	Project Phase II
2017-18	SE E&TC (Sem-I & II)	204181	Signals & Systems
		204182	Electronic Devices & Circuits
		204183	Network Theory
		204184	Data structures & Algorithms
		204185	Digital Electronics
		204186	Electronic Measuring Instruments & Tools
		204192	Audit Course 1
		207005	Engineering Maths-III
		204187	Integrated Circuits
		204188	Control Systems
		204189	Analog Communication
		204190	Object Oriented Programming
		204193	Audit Course 2
		TE E&TC (Sem-I & II)	304181
	304182		Digital Signal Processing
	304183		Electromagnetics
	304184		Microcontrollers
	304185		Mechatronics
	304191		Signal Processing and Communications Lab (DC/DSP)
	304192		Microcontrollers and Mechatronics Lab
	304193		Electronics System Design
	304186		Power Electronics
	304187		Information Theory, Coding and Communication Networks
	304188		Business Management
	306189		Advanced Processors
	304190		System Programming and Operating Systems
	304194		Power and ITCT Lab
	BE E&TC (Sem-I & II)	404181	VLSI Design & Technology
		404182	Computer Networks
		404183	Microwave Engineering
		404184	Elective I (Internet of Things)
		404185	Elective II (Electronic Product design)
		404186	Lab Practice I (CN & MWE)
404187		Lab Practice II (VLSI &Elective I)	
404188		Project Phase I	
404189		Mobile Communication	
404190		Broadband Communication Systems	

Program: BE-Electronics and Telecommunications

		404191	Elective III (Audio Video Engineering /Soft Computing)		
		404192	Elective IV (Wireless Network/ Internet of Things)		
		404193	Lab Practice III(MC & BCS)		
		404194	Lab Practice IV(Elective III)		
		404195	Project Phase II		
2018-19	SE E&TC (Sem-I & II)	204181	Signals & Systems		
		204182	Electronic Devices & Circuits		
		204183	Network Theory		
		204184	Data structures & Algorithms		
		204185	Digital Electronics		
		204186	Electronic Measuring Instruments & Tools		
		204192	Audit Course 1		
		207005	Engineering Maths-III		
		204187	Integrated Circuits		
		204188	Control Systems		
		204189	Analog Communication		
		204190	Object Oriented Programming		
		204193	Audit Course 2		
		2018-19	TE E&TC (Sem-I & II)	304181	Digital Communication
				304182	Digital Signal Processing
304183	Electromagnetics				
304184	Microcontrollers				
304185	Mechatronics				
304191	Signal Processing and Communications Lab (DC/DSP)				
304192	Microcontrollers and Mechatronics Lab				
304193	Electronics System Design				
304186	Power Electronics				
304187	Information Theory, Coding and Communication Networks				
304188	Business Management				
306189	Advanced Processors				
304190	System Programming and Operating Systems				
304194	Power and ITCT Lab				
304195	Advanced Processors and System Prograaming. Lab				
304196	Employability Skills and Mini Project				
2018-19	BE E&TC (Sem-I & II)	404181	VLSI Design& Technology		
		404182	Computer Networks & Security		
		404183	Radiation & Microwave Techniques		
		404184	Elective I (Internet of Things/Digital Image and Video Processing /Embedded Systems & RTOS)		
		404185	Elective II (Electronic Product design)		
		404186	Lab Practice -I (CNS+ RMT)		
		404187	Lab Practice -II (VLSI + Elective I)		
		404188	Project Stage I		
		404189	Mobile Communication		

Program: BE-Electronics and Telecommunications			
		404190	Broadband Communication Systems
		404191	Elective III (Audio Video Engg/Machine Learning)
		404192	Elective IV (Renewable Energy Systems/Wireless Sensor Network)
		404193	Lab Practice –III (MC+BCS)
		404194	Lab Practice –IV (Elective III)
		404195	Project Stage II
2019-20	SE E&TC (Sem-I & II)	204181	Signals & Systems
		204182	Electronic Devices & Circuits
		204183	Network Theory
		204184	Data structures & Algorithms
		204185	Digital Electronics
		204186	Electronic Measuring Instruments & Tools
		204192	Audit Course 1
		207005	Engineering Maths-III
		204187	Integrated Circuits
		204188	Control Systems
		204189	Analog Communication
		204190	Object Oriented Programming
		204193	Audit Course 2
	TE E&TC (Sem-I & II)	304181	Digital Communication
		304182	Digital Signal Processing
		304183	Electromagnetics
		304184	Microcontrollers
		304185	Mechatronics
		304191	Signal Processing and Communications Lab (DC/DSP)
		304192	Microcontrollers and Mechatronics Lab
		304193	Electronics System Design
		304186	Power Electronics
		304187	Information Theory, Coding and Communication Networks
		304188	Business Management
		306189	Advanced Processors
		304190	System Programming and Operating Systems
		304194	Power and ITCT Lab
		304195	Advanced Processors and System Prograaming. Lab
	304196	Employability Skills and Mini Project	
	BE E&TC (Sem-I & II)	404181	VLSI Design& Technology
		404182	Computer Networks & Security
		404183	Radiation & Microwave Techniques
		404184	Elective I (Internet of Things)
404185		Elective II (Electronic Product design/Artificial Intelligence)	
404186		Lab Practice -I (CNS+ RMT)	
404187		Lab Practice -II (VLSI + Elective I)	
404188		Project Stage I	

Program: BE-Electronics and Telecommunications			
		404189	Mobile Communication
		404190	Broadband Communication Systems
		404191	Elective III (Audio Video Engg/Machine Learning)
		404192	Elective IV (Renewable Energy Systems)
		404193	Lab Practice –III (MC+BCS)
		404194	Lab Practice –IV (Elective III)
		404195	Project Stage II
2020-21	SE E&TC (Sem-I & II)	207005	Engineering Mathematics III
		204181	Electronic Circuits
		204182	Digital Circuits
		204183	Electrical Circuits
		204184	Data structures
		204185	Electronic Circuit Lab
		204186	Digital circuits Lab
		204187	Electrical Circuit Lab
		204188	Data Structures Lab
		204189	Electronic Skill Development
		204190	Mandatory Audit Course 3
		204191	Signals & Systems
		204192	Control Systems
		204193	Principles of Communication Systems
		204194	Object Oriented Programming
		204195	Signals & Control System Lab
		204196	Principle of Communication Systems Lab
		204197	Object Oriented Programming Lab
		204198	Data Analytics Lab
		204199	Employability Skill Development
204200	Project Based Learning		
204201	Mandatory Audit Course 4		
	TE E&TC (Sem-I & II)	304181	Digital Communication
		304182	Digital Signal Processing
		304183	Electromagnetics
		304184	Microcontrollers
		304185	Mechatronics
		304191	Signal Processing and Communications Lab (DC/DSP)
		304192	Microcontrollers and Mechatronics Lab
		304193	Electronics System Design
		304186	Power Electronics
		304187	Information Theory, Coding and Communication Networks
		304188	Business Management
		306189	Advanced Processors
		304190	System Programming and Operating Systems
		304194	Power and ITCT Lab
		304195	Advanced Processors and System Programing. Lab
304196	Employability Skills and Mini Project		

Program: BE-Electronics and Telecommunications			
	BE E&TC (Sem-I & II)	404181	VLSI Design& Technology
		404182	Computer Networks & Security
		404183	Radiation & Microwave Techniques
		404184	Elective I (Internet of Things)
		404185	Elective II (Electronic Product design)
		404186	Lab Practice -I (CNS+ RMT)
		404187	Lab Practice -II (VLSI + Elective I)
		404188	Project Stage I
		404189	Mobile Communication
		404190	Broadband Communication Systems
		404191	Elective III (Audio Video Engg)
		404192	Elective IV (Renewable Energy Systems)
		404193	Lab Practice –III (MC+BCS)
		404194	Lab Practice –IV (Elective III)
		404195	Project Stage II
2015-2016	FE E&TC (Sem-I & II)	107001	Engineering Mathematics-I
		107002	Engineering Physics
		102003	Systems in Mechanical Engineering
		103004	Basic Electrical Engineering
		110005	Programming and Problem Solving
		111006	Workshop@
		101007	Audit Course 1- Environmental Science
		107008	Engineering Mathematics-II
		107009	Engineering Chemistry
		104010	Basic Electronics Engineering
		101011	Engineering Mechanics
		102012	Engineering Graphics ^Ω
		110013	Project Based Learning [§]
		101014	Audit Course 2 ^{&} -Environmental Science
2016-2020	FE E&TC (Sem-I & II)	107001	Engineering Mathematics-I
		107002	Engineering Physics
		102003	Systems in Mechanical Engineering
		103004	Basic Electrical Engineering
		110005	Programming and Problem Solving
		111006	Workshop@
		101007	Audit Course 1- Environmental Science
		107008	Engineering Mathematics-II
		107009	Engineering Chemistry
		104010	Basic Electronics Engineering
		101011	Engineering Mechanics
		102012	Engineering Graphics ^Ω
		110013	Project Based Learning [§]
		101014	Audit Course 2 ^{&} -Environmental Science
		107015	Physical Education-Exercise and Field Activities

Program: BE-Mechanical/ ME Mechanical (Design Engineering)

Academic Year	Year	Course code	Course name
2019-20	FE (sem1 &2)	107001	Engineering Mathematics-I
		107002	Engineering Physics
		102003	Systems in Mechanical Engineering
		103004	Basic Electrical Engineering
		110005	Programming and Problem Solving
		111006	Workshop@
		101007	Audit Course 1- Environmental Science
		107008	Engineering Mathematics-II
		107009	Engineering Chemistry
		104010	Basic Electronics Engineering
		101011	Engineering Mechanics
		102012	Engineering Graphics ^Ω
		110013	Project Based Learning [§]
		101014	Audit Course 2 ^{&} -Environmental Science
		107015	Physical Education-Exercise and Field Activities
AY 2019-20	SE	207002	Engineering Mathematics – III
		202041	Manufacturing Process-I
		202042	Computer Aided Machine Drawing
		202043	Thermodynamics
		202044	Material Science
		202051	Strength of Materials
		202055	Audit course
		202045	Fluid Mechanics
		202047	Soft Skills
		202048	Theory of Machines-I
		202049	Engineering Metallurgy
		202050	Applied Thermodynamics
		202053	Machine Shop-I
		203152	Electrical and Electronics Engineering
	TE	302041	Design of Machine Elements-I
		302042	Heat Transfer
		302043	Theory of Machines-II
		302044	Turbo Machines
		302045	Metrology and Quality Control
		302046	Skill Development

AY 2019-20		302047	Numerical Methods and Optimization
		302048	Design of Machine Elements-II
		302049	Refrigeration and Air Conditioning
		302050	Mechatronics
		302051	Manufacturing - Process-II
		302052	Machine Shop-II
		302053	Seminar
		302054	Audit Course
AY 2019-20	BE	402041	Hydraulics and Pneumatics
		402042	CAD CAM Automation
		402043	Dynamics of Machinery
		402044 A	Elective-I: Finite Element Analysis
		402044 B	Elective-I: Computational Fluid Dynamics
		402045 A	Elective-II: Automobile Engineering
		402045 B	Elective-II: Operation Research
		402046	Project-I
		402047	Energy Engineering
		402048	Mechanical System Design
		402049 A	Elective-III: Tribology
		402049 B	Elective-III: Industrial Engineering
		402050 A	Elective-IV:Advanced Manufacturing Processes
		402050 B	Elective-IV:Solar & Wind Energy
		402051	Project-II
AY 2019-20	ME (Design)	507201	Advanced Mathematics
		502202	Material Science and Mechanical Behavior of Materials
		502203	Advanced Stress Analysis
		502104	Research Methodology
		502205: ME2I – M1	Elective I: Energy Audit and Management
		502205: ME2I – M2	Elective I: Financial Management
		502205: ME1I – M12	Elective I: Intellectual property Rights
		502206	Lab Practice I
		502207	Analysis and Synthesis of Mechanisms
		502208	Advanced Mechanical Vibrations
		502209	Finite Element Method
		502210(DE2II-M3)	Elective II: Design of Material Handling Equipment – I
		502210(DE2II-M4)	Elective II: Design of Material Handling Equipment – II
		502210(DE1IIM10)	Elective II: Process Equipment Design
		502211	Lab Practice II
		502212	Seminar I
		602213	Optimization Techniques

		602215(DE2III-M3)	Elective III: CAE – I
		602215(DE2III-M4)	Elective III: CAE – II
		602215(DE1III-M10)	Elective III: Design for X
		602216	Seminar II
		602217	Project Stage I
		602218	Seminar III
		602219	Project Work Stage II
2018-19	FE(sem1 &2)	107001	Engineering Mathematics-I
		107002	Engineering Physics /
		102003	Systems in Mechanical Engineering
		103004	Basic Electrical Engineering
		110005	Programming and Problem Solving
		111006	Workshop@
		101007	Audit Course 1- Environmental Science
		107008	Engineering Mathematics-II
		107009	Engineering Chemistry
		104010	Basic Electronics Engineering
		101011	Engineering Mechanics
		102012	Engineering Graphics ^Ω
		110013	Project Based Learning§
		101014	Audit Course 2 ^{&} -Environmental Science
		107015	Physical Education-Exercise and Field Activities
AY 2018-19	SE	207002	Engineering Mathematics – III
		202041	Manufacturing Process-I
		202042	Computer Aided Machine Drawing
		202043	Thermodynamics
		202044	Material Science
		202051	Strength of Materials
		202055	Audit course
		202045	Fluid Mechanics
		202047	Soft Skills
		202048	Theory of Machines-I
		202049	Engineering Metallurgy
		202050	Applied Thermodynamics
		202053	Machine Shop-I
	203152	Electrical and Electronics Engineering	
	TE	302041	Design of Machine Elements-I
302042		Heat Transfer	
302043		Theory of Machines-II	
302044		Turbo Machines	
		302045	Metrology and Quality Control

AY 2018-19		302046	Skill Development
		302047	Numerical Methods and Optimization
		302048	Design of Machine Elements-II
		302049	Refrigeration and Air Conditioning
		302050	Mechatronics
		302051	Manufacturing - Process-II
		302052	Machine Shop-II
		302053	Seminar
		302054	Audit Course
	BE	402041	Hydraulics and Pneumatics
		402042	CAD CAM Automation
		402043	Dynamics of Machinery
		402044 A	Elective-I: Finite Element Analysis
		402044 B	Elective-I: Computational Fluid Dynamics
		402045 A	Elective-II: Automobile Engineering
		402045 B	Elective-II: Operation Research
		402046	Project-I
		402047	Energy Engineering
		402048	Mechanical System Design
	402049 A	Elective-III: Tribology	
	402049 B	Elective-III: Industrial Engineering	
	402050 A	Elective-IV:Advanced Manufacturing Processes	
	402050 B	Elective-IV:Solar & Wind Energy	
	402051	Project-II	
AY 2018-19	ME (Design)	507201	Advanced Mathematics
		502202	Material Science and Mechanical Behavior of Materials
		502203	Advanced Stress Analysis
		502104	Research Methodology
		502205: ME2I – M1	Elective I: Energy Audit and Management
		502205: ME2I – M2	Elective I: Financial Management
		502205: ME1I – M12	Elective I: Intellectual property Rights
		502206	Lab Practice I
		502207	Analysis and Synthesis of Mechanisms
		502208	Advanced Mechanical Vibrations
		502209	Finite Element Method
		502210(DE2II-M3)	Elective II: Design of Material Handling Equipment – I
		502210(DE2II-M4)	Elective II: Design of Material Handling Equipment – II
		502210(DE1IIM10)	Elective II: Process Equipment Design
		502211	Lab Practice II
		502212	Seminar I
			602213

AY 2018-19		602214	Mechanical Measurements and Controls
		602215(DE2III-M3)	Elective III: CAE – I
		602215(DE2III-M4)	Elective III: CAE – II
		602215(DE1III-M10)	Elective III: Design for X
		602216	Seminar II
		602217	Project Stage I
		602218	Seminar III
		602219	Project Work Stage II
2017-18	FE(sem1 &2)	107001	Engineering Mathematics-I
		107002	Engineering Physics /
		102003	Systems in Mechanical Engineering
		103004	Basic Electrical Engineering
		110005	Programming and Problem Solving
		111006	Workshop@
		101007	Audit Course 1- Environmental Science
		107008	Engineering Mathematics-II
		107009	Engineering Chemistry
		104010	Basic Electronics Engineering
		101011	Engineering Mechanics
		102012	Engineering Graphics ^Ω
		110013	Project Based Learning [§]
		101014	Audit Course 2 ^{&} -Environmental Science
		107015	Physical Education-Exercise and Field Activities
AY 2017-18	SE	207002	Engineering Mathematics – III
		202041	Manufacturing Process-I
		202042	Computer Aided Machine Drawing
		202043	Thermodynamics
		202044	Material Science
		202051	Strength of Materials
		202055	Audit course
		202045	Fluid Mechanics
		202047	Soft Skills
		202048	Theory of Machines-I
		202049	Engineering Metallurgy
		202050	Applied Thermodynamics
		202053	Machine Shop-I
	TE	203152	Electrical and Electronics Engineering
		302041	Design of Machine Elements-I
		302042	Heat Transfer
		302043	Theory of Machines-II
		302044	Turbo Machines

		302045	Metrology and Quality Control
		302046	Skill Development
		302047	Numerical Methods and Optimization
		302048	Design of Machine Elements-II
		302049	Refrigeration and Air Conditioning
		302050	Mechatronics
		302051	Manufacturing - Process-II
		302052	Machine Shop-II
		302053	Seminar
		302054	Audit Course
AY 2017-18	BE	402041	Hydraulics and Pneumatics
		402042	CAD CAM Automation
		402043	Dynamics of Machinery
		402044 A	Elective-I: Finite Element Analysis
		402044 B	Elective-I: Computational Fluid Dynamics
		402045 A	Elective-II: Automobile Engineering
		402045 B	Elective-II: Operation Research
		402046	Project-I
		402047	Energy Engineering
		402048	Mechanical System Design
		402049 A	Elective-III: Tribology
		402049 B	Elective-III: Industrial Engineering
		402050 A	Elective-IV:Advanced Manufacturing Processes
		402050 B	Elective-IV:Solar & Wind Energy
	402051	Project-II	
	ME (Design)	507201	Advanced Mathematics
		502202	Material Science and Mechanical Behavior of Materials
		502203	Advanced Stress Analysis
		502104	Research Methodology
		502205: ME2I – M1	Elective I: Energy Audit and Management
		502205: ME2I – M2	Elective I: Financial Management
		502205: ME1I – M12	Elective I: Intellectual property Rights
		502206	Lab Practice I
502207		Analysis and Synthesis of Mechanisms	
502208		Advanced Mechanical Vibrations	
502209		Finite Element Method	
502210(DE2II-M3)		Elective II: Design of Material Handling Equipment – I	
502210(DE2II-M4)		Elective II: Design of Material Handling Equipment – II	
502210(DE1IIM10)	Elective II: Process Equipment Design		
	502211	Lab Practice II	

		502212	Seminar I
		602213	Optimization Techniques
		602214	Mechanical Measurements and Controls
		602215(DE2III-M3)	Elective III: CAE – I
		602215(DE2III-M4)	Elective III: CAE – II
		602215(DE1III-M10)	Elective III: Design for X
		602216	Seminar II
		602217	Project Stage I
		602218	Seminar III
		602219	Project Work Stage II
2016-17	FE(sem1 &2)	107001	Engineering Mathematics-I
		107002	Engineering Physics /
		102003	Systems in Mechanical
			Engineering
		103004	Basic Electrical
			Engineering
		110005	Programming and Problem Solving
		111006	Workshop@
		101007	Audit Course 1- Environmental Science
		107008	Engineering
			Mathematics-II
		107009	Engineering Chemistry
		104010	Basic Electronics Engineering
		101011	Engineering Mechanics
		102012	Engineering Graphics ^Ω
		110013	Project Based
			Learning [§]
		101014	Audit Course 2 ^{&} -Environmental Science
		107015	Physical Education-Exercise and Field Activities
	SE	207002	Engineering Mathematics – III
		202041	Manufacturing Process-I
		202042	Computer Aided Machine Drawing
		202043	Thermodynamics
		202044	Material Science
		202051	Strength of Materials
		202055	Audit course
		202045	Fluid Mechanics
		202047	Soft Skills
		202048	Theory of Machines-I

2016-17		202049	Engineering Metallurgy
		202050	Applied Thermodynamics
		202053	Machine Shop-I
		203152	Electrical and Electronics Engineering
	TE	302041	Design of Machine Elements-I
		302042	Heat Transfer
		302043	Theory of Machines-II
		302044	Turbo Machines
		302045	Metrology and Quality Control
		302046	Skill Development
		302047	Numerical Methods and Optimization
		302048	Design of Machine Elements-II
		302049	Turbo Machines
		302050	Mechatronics
		302051	Manufacturing - Process-II
		302052	Machine Shop-II
		302053	Seminar
		BE	402041
	402042		CAD CAM Automation
	402043		Dynamics of Machinery
	402044 A		Elective-I: Finite Element Analysis
	402044 B		Elective-I: Computational Fluid Dynamics
	402045 A		Elective-II: Automobile Engineering
	402045 B		Elective-II: Operation Research
	402046		Project-I
	402047		Energy Engineering
	402048		Mechanical System Design
	402049 A		Elective-III: Tribology
	402049 B		Elective-III: Industrial Engineering
	402050 A		Elective-IV:Advanced Manufacturing Processes
	402050 B		Elective-IV:Solar & Wind Energy
	402051		Project-II
2016-17	ME (Design)	507201	Advanced Mathematics
		502202	Material Science and Mechanical Behavior of Materials
		502203	Advanced Stress Analysis
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		502205: ME2I – M1	Elective I: Energy Audit and Management
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		502210(DE2II-M3)	Elective II: Design of Material Handling Equipment – I
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		502211	Lab Practice II
		502212	Seminar I
		602213	Optimization Techniques
		602214	Mechanical Measurements and Controls
		602215(DE2III-M3)	Elective III: CAE – I
		602215(DE2III-M4)	Elective III: CAE – II
		602215(DE1III-M10)	Elective III: Design for X
		602216	Seminar II
		602217	Project Stage I
		602218	Seminar III
		602219	Project Work Stage II
2015-16	FE(sem1 &2)	107001	Engineering Mathematics-I
		107002	Engineering Physics
		102003	Systems in Mechanical Engineering
		103004	Basic Electrical Engineering
		110005	Programming and Problem Solving
		111006	Workshop@
		101007	Audit Course 1- Environmental Science
		107008	Engineering Mathematics-II
		107009	Engineering Chemistry
		104010	Basic Electronics Engineering
		101011	Engineering Mechanics
		102012	Engineering Graphics ^Ω
		110013	Project Based Learning [§]
		101014	Audit Course 2 ^{&} -Environmental Science
AY 2015-16	SE	207002	Engineering Mathematics – III
		202041	Manufacturing Process-I
		202042	Computer Aided Machine Drawing
		202043	Thermodynamics
		202044	Material Science
		202045	Fluid Mechanics
		202046	Workshop Practice II
		202047	Soft Skills
		202048	Theory of Machines-I
		202049	Engineering Metallurgy

	202050	Applied Thermodynamics
	202051	Strength of Materials
	203152	Electronics and Electrical Engineering
	202053	Machine Shop-I
TE	302041	Design of Machine Elements-I
	302042	Heat Transfer
	302043	Theory of Machines-II
	302044	Turbo Machines
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	302046	Skill Development
	302047	Numerical Methods and Optimization
	302048	Design of Machine Elements-II
	302049	Turbo Machines
	302050	Mechatronics
	302051	Manufacturing - Process-II
	302052	Machine Shop-II
	302053	Seminar
BE	402041	Hydraulics and Pneumatics
	402042	CAD CAM Automation
	402043	Dynamics of Machinery
	402044 A	Elective-I: Finite Element Analysis
	402044 B	Elective-I: Computational Fluid Dynamics
	402045 A	Elective-II: Automobile Engineering
	402045 B	Elective-II: Operation Research
	402046	Project-I
	402047	Energy Engineering
	402048	Mechanical System Design
	402049 A	Elective-III: Tribology
	402049 B	Elective-III: Industrial Engineering
	402050 A	Elective-IV:Advanced Manufacturing Processes
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	602215(DE1III-M10)	Elective III: Design for X
	602216	Seminar II
	602217	Project Stage I
	602218	Seminar III
	602219	Project Work Stage II