

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

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186 Exch : 7249250183, 7249250184, 7249250185 Website : www.aitpune.com Email : ait@aitpune.edu.in Recognised by AICTE and DTE Maharashtra and affiliated to Savitrabai Phule Pune University

## **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.			Number of Course per Academic Year (SEM-I & SEM-II)					Annexure	
No	Degree	Program		2015- 2016	2016- 2017	2017- 2018	2018- 2019	2019- 2020	Page No.
			FE	14	15	15	15	15	
			SE	16	19	19	19	19	
1		Information	TE	16	16	19	19	19	2-8
		Technology	BE	15	15	15	17	17	
			Total	61	65	68	70	70	
			FE	14	15	15	15	15	
		10	SE	12	19	19	19	19	
2		<b>Computer Science</b>	TE	16	16	19	19	19	9-16
			BE	15	15	15	17	17	
	Bachelor of Engineering		Total	57	65	68	70	70	
	(B.E)	Electronics and Telecommunications	FE	14	15	15	15	15	17-23
	( <b>D</b> . <b>L</b> )		SE	13	13	13	13	13	
3			TE	14	17	16	16	16	
			BE	15	15	15	15	15	
			Total	56	60	59	59	59	
			FE	14	15	15	15	15	
		Mechanical Engineering	SE	14	14	14	14	14	
4			TE	13	13	14	14	14	24-34
		Lingineering	BE	11	11	11	11	11	
			Total	52	53	54	54	54	
1	Master of	Mechanical	ME	19	19	19	19	19	25,27,29,
1	Engineering (M.E)	Engineering	Total	19	19	19	19	19	31,33
	Number of Co (G	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.

	F	Program: BE- Info	rmation Technology			
Academic Year	Year	Course code	Course name			
		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			
	FE( sem1 &2)	107008	Engineering Mathematics-II			
		107009	Engineering Chemistry			
		104010	Basic Electronics Engineering			
		101011	Engineering Mechanics			
		102012	Engineering Graphics $^{\Omega}$			
		110013	Project Based Learning <sup>§</sup>			
		101014	Audit Course 2 <sup>&amp;</sup> -Environmental Science			
	-	107015	Physical Education-Exercise and Field Activities			
		214441	Discrete Structures			
		214442	Computer Organization & Architecture			
	-	214443	Digital Electronics & Logic Design			
	-	214444	Fundamental of Data Structure			
	-	214445	Problem Solving & Object Oriented Programmin			
	-	214445	Digital Laboratory			
	-					
	-	214447	Programming Laboratory			
2019-20		214448	Object Oriented Programming Laboratory			
		214449	Communication Skills			
	SE(sem1 &2)		Audit Course			
		207003	Engineering Mathematics- III			
		214450	Computer Graphics			
		214451	Processor Architecture & Interfacing			
		214452	Data Structures & Files			
			Foundation Of Communication and Computer			
		214453	Network			
		214454	Processor Interfacing Laboratory			
		214455	Data Structure & Files Laboratory			
		214456	Computer Graphics Laboratory			
			Audit Course			
		314441	Theory of Computation			
	Γ	314442	Database Management System			
	I F	314443	Software Engineering & Project Management			
	I F	314444	Operating System			
		314445	Human-Computer Interaction			
	TE(sem1 &2)	314446	Software Laboratory-I			
	F	314447	Software Laboratory-II			
		314448	Software Laboratory-III			
		314449	Audit Course 3			
	1	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
		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
	BE(sem1 &2)	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
		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
	FE( sem1 &2)	107008	Engineering Mathematics-II
		107009	Engineering Chemistry
		104010	Basic Electronics Engineering
2018-19		101011	Engineering Mechanics
2010-19		102012	Engineering Graphics <sup>Ω</sup>
		110013	Project Based Learning <sup>§</sup>
		101014	Audit Course 2 <sup>&amp;</sup> -Environmental Science
		107015	Physical Education-Exercise and Field Activities
		214441	Discrete Structures
		214442	Computer Organization & Architecture
		214443	Digital Electronics & Logic Design
	SE(sem1 &2)	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
The second se		Audit Course
l F	207003	Engineering Mathematics- III
Ē	214450	Computer Graphics
Ē	214451	Processor Architecture & Interfacing
Ē	214452	Data Structures & Files
	214453	Foundation Of Communication and Computer Network
	214454	Processor Interfacing Laboratory
	214455	Data Structure & Files Laboratory
	214456	Computer Graphics Laboratory
	214430	Audit Course
	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
TE(sem1 &2)	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
	414453	Information and Cyber Security
The second se	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
BE(sem1 &2)	414461	Audit Course-V
	414462	Distributed Computing System
	414463	Ubiquitous Computing
	414463	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
	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 $\Omega$
		110013	Project Based Learning <sup>§</sup>
		101014	Audit Course 2 <sup>&amp;</sup> -Environmental Science
		107015	Physical Education-Exercise and Field Activities
		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
2017 10		214449	Communication Skills
2017-18		21111)	Audit Course
	SE(sem1 &2)	207002	
		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
		314441	Theory of Computation
		314442	Database Management System
		314443	Software Engineering & Project Management
		314444	Operating System
		314445	Human-Computer Interaction
	/ · ·	314446	Software Laboratory-I
	TE(sem1 &2)	314447	Software Laboratory-II
	+	314448	Software Laboratory-III
			· · · · · · · · · · · · · · · · · · ·
		314448 314449 314450 314451 314452	Software Laboratory-III   Audit Course 3   Computer Network Technology   Systems Programming   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
	414453	Information & Cyber Security
	414454	Software Modeling and Design
	414455	Machine Learning
	414456	Elective – I
	414457	Elective – I
	414458	Software Laboratory - III
	414459	Software Laboratory - IV
BE(sem1 &2)	-	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
	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
FE( sem1 &2)	107008	Engineering Mathematics-II
	107009	Engineering Chemistry
	104010	Basic Electronics Engineering
	101011	Engineering Mechanics
	102012	Engineering Graphics <sup>Ω</sup>
	110013	Project Based Learning <sup>§</sup>
	101014	Audit Course 2 <sup>&amp;</sup> -Environmental Science
	107015	Physical Education-Exercise and Field Activities
	214441	Discrete structure
	214442	Computer Organization & Architecture
	214443	Digital Electronics & Logic Design
	214444	Fundamental of Data Structure
	214445	Problem Solving & Object Oriented Programming
SE(sem1 &2)	214446	Digital Laboratory
	214447	Programming Laboratory
	214448	Object Oriented Programming Laboratory
	214449	Communications Skill
	<u> </u>	Audit Course
	207002	
	207003	Engineering Mathematics- III

		214450	Computer Graphics
		214451	Processor Architecture & Interfacing
		214452	Data Structures & Files
2016-2017			Foundations of Communication and Computer
		214453	Network
		214454	Processor Interfacing Laboratory
		214455	Data Structure & Files Laboratory
		214456	Computer Graphics Laboratory
			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
	TE(sem1 &2)	314449	Design and Analysis of Algorithms
	-	314450	Systems Programming
		314451	Operating System
		314452	Multimedia Technology
	-	314453	Information Tech Project Management
		314455	
		314455	Operating System Laboratory Software Laboratory - II
		314455	Software Laboratory - In Seminar & Technical Communication Lab.
		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
	BE(sem1 &2)	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		107001	Engineering Mathematics-I
		107002	Engineering Physics
		102003	Systems in Mechanical Engineering
	FE( sem1 &2)	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 $^{\Omega}$
		110013	Project Based Learning <sup>§</sup>
		101014	Audit Course 2 <sup>&amp;</sup> -Environmental Science
		107015	Physical Education-Exercise and Field Activities
		214441	Discrete structure
		214442	Computer Organization
		214443	Digital Electronics and Logic Designs
		214444	Fundamental of Data Structure
		214445	Problem Solving & Object Oriented Programmin
		214446	Digital Electronics Laboratory
		214447	Programming Laboratory
		214448	Communication and Language Laboratory
	SE(sem1 &2)	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
		314441	Computer Network Technology
	-	314442	Theory of Computation
		314443	Database Management Systems
		314444	Software Engineering
2015-16		314445	Web Engineering and Technology
2010 10		314446	Software Laboratory - I
		314447	Database Management Systems Laboratory
		314448	Employability Skill Development Laboratory
	TE(sem1 &2)	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.
		414453	Information and Cyber Security
		414454	Software Modeling and Design
		414455	Machine Learning
		414456	Elective – I
	BE(sem1 &2)	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
		107001	Engineering Mathematics-I
		107002	Engineering Physics
		102003	Systems in Mechanical Engineering
		103004	Basic Electrical Engineering
		110005	Programming and Problem Solving
		111006	Workshop@
2015 16	FE(sem1 &2)	101007	Audit Course 1- Environmental Science
2015-16		107008	Engineering Mathematics-II
		107009	Engineering Chemistry
		104010	Basic Electronics Engineering
		101011	Engineering Mechanics
		102012	Engineering Graphics $^{\Omega}$
		110013	Project Based Learning <sup>§</sup>
		101014	Audit Course 2 <sup>&amp;</sup> -Environmental Science

		Program: B	E - Computer Engineering
Academic	Year	Course	Course name
Year	I Cai	code	Course name
		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
2019-20	FE( sem1 &2)	107008	Engineering Mathematics-II
		107009	Engineering Chemistry
		104010	Basic Electronics Engineering
		101011	Engineering Mechanics
		102012	Engineering Graphics $^{\Omega}$
		110013	Project Based Learning <sup>§</sup>
		101014	Audit Course 2 <sup>&amp;</sup> -Environmental Science
		107015	Physical Education-Exercise and Field Activities
		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
2019-20	SE(sem1 &2)	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
		310241	Theory of Computation
		310242	Database Management Systems
		310243	Software Engineering and Project Management
2010-20	$TE(apr 1, \theta_{-})$	310244	Information Systems and Engineering Economics
2019-20	TE(sem1 &2)	310245	Computer Networks
		310246	Skill Development Lab
		310247	Database Management System Lab
		310248	Computer Networks Lab

		210240	
		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
		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
	BE(sem1 &2)	410248	Project Work Stage I
2019-20		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
		107001	Engineering Mathematics-I
		107002	Engineering Physics /
		102003	Systems in Mechanical Engineering
		103004	Basic Electrical Engineering
		110005	Programming and Problem Solving
		1110005	Workshop@
		101007	Audit Course 1- Environmental Science
2018-19	FE( sem1 &2)	107008	Engineering Mathematics-II
2010 17		107009	Engineering Chemistry
		107005	Basic Electronics Engineering
		104010	Engineering Mechanics
		101011	Engineering Graphics $^{\Omega}$
		110013	Project Based Learning <sup>§</sup>
		101013	Audit Course 2 <sup>&amp;</sup> -Environmental Science
		107015	Physical Education-Exercise and Field Activities
		210241	Discrete Mathematics
2018-19	SE(sem1 &2)	210241 210242	
		210242	Digital Electronics and Logic Design

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		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
		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
2018-19	TE(sem1 &2)	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
		410241	High Performance Computing
		410242	Artificial Intelligence and Robotics
		410243	Data Analytics
		410244	Elective I
2018-19	BE(sem1 &2)	410245	Elective II
/	(	410246	Laboratory Practice I
		410247	Laboratory Practice II
		410248	Project Work Stage I
		410249	Audit Course 5
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		410270	
		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
		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
2017-18	FE( sem1 &2)	107008	Engineering Mathematics-II
		107009	Engineering Chemistry
		104010	Basic Electronics Engineering
		101011	Engineering Mechanics
		102012	Engineering Graphics $^{\Omega}$
		110013	Project Based Learning <sup>§</sup>
		101014	Audit Course 2 <sup>&amp;</sup> -Environmental Science
		107015	Physical Education-Exercise and Field Activities
		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
2017-18	SE(sem1 &2)	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
		210255	Advanced Data Structures Lab
		210257	Microprocessor Lab
		210257	Audit Course 2
		310241	Theory of Computation
2017-18	TE(sem1 &2)	310241	Database Management Systems
2017-18	$11(30111 \times 2)$	310242	Software Engineering and Project Management
		510245	Sortware Engineering and I tojeet Management

		210244	
		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
		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
2017-18	BE(sem1 &2)	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
		107001	Engineering Mathematics-I
		107002	Engineering Physics /
		102003	Systems in Mechanical Engineering
		103004	Basic Electrical Engineering
		110005	Programming and Problem Solving
		111006	Workshop@
2016-17	EE(arm 1.9-2)	101007	Audit Course 1- Environmental Science
	FE( sem1 &2)	107008	Engineering Mathematics-II
		107009	Engineering Chemistry
		104010	Basic Electronics Engineering
		101011	Engineering Mechanics
		102012	Engineering Graphics $\Omega$
		110013	Project Based Learning <sup>§</sup>
		101014	Audit Course 2 <sup>&amp;</sup> -Environmental Science

		107015	Physical Education-Exercise and Field Activities
		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
2016-17	SE(sem1 &2)	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
		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
2016-17	TE(sem1 &2)	310248	Employability Skills Development Lab
2010 17	$TE(Sem \alpha 2)$	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
		410441	Design & Analysis of Algorithms
		410442	Principles of Modern Compiler Design
		410443	Smart System Design and Applications
2016-17	BE(sem1 &2)	410444	Elective-I
2010 17	$D_{1}(0)$	410445	Elective-II
		410446	Computer laboratory-I
		410447	Computer laboratory-II
		410448	Project

		410449	Software Design Methodologies & Testing
		410449	High Performance Computing
		410451	Elective-III
		410452	Elective-IV Open Elective
		410453	Computer laboratory-III
		410454	Computer laboratory-IV
		410455	Project
		107001	Engineering Mathematics-I
		107001	Engineering Physics
		102003	Systems in Mechanical Engineering
		102003	Basic Electrical Engineering
		110005	Programming and Problem Solving
		111006	Workshop@
		101007	Audit Course 1- Environmental Science
2015-16	FE( sem1 &2)	107008	Engineering Mathematics-II
		107009	Engineering Chemistry
		104010	Basic Electronics Engineering
		101011	Engineering Mechanics
		102012	Engineering Graphics $^{\Omega}$
		110013	Project Based Learning <sup>§</sup>
		101014	Audit Course 2 <sup>&amp;</sup> -Environmental Science
		210241	Discrete Structures
		210242	Data Structures and Problem Solving
		210243	Digital Electronics and Logic Design
		210244	Operating System and Administration
		210245	Microprocessor Architecture
0015 16		210246	Soft Skills
2015-16	SE(sem1 &2)	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
		310241	Theory of Computation
		310242	Operating Systems Design
		310243	Data Communication and Wireless Sensor Networks
		210244	Database Management
		310244	Systems Applications
2015 16	TE(a=1, 9, 2)	310245	Computer Forensic and Cyber Applications
2015-16	TE(sem1 &2)	310246	Programming Lab-I
		310247	Programming Lab-II
		310248	Employability Skills Development Lab
		210240	Principles of Concurrent and
		310249	Distributed Programming
		310250	Embedded Operating Systems

	010051	
		Computer Networks
	310252	Software Engineering
	310253	Digital Signal Processing Applications
	310254	Programming Laboratory-III
	310255	Programming Laboratory-IV
	210256	Seminar and Technical
	510250	Communication Laboratory
	410441	Design & Analysis of Algorithms
	410442	Principles of Modern Compiler Design
	410443	Smart System Design and Applications
	410444	Elective-I Elective-I
	410445	
	410446 Computer labora	Computer laboratory-I
	410447	Computer laboratory-II
BE(sem1 &2)	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
	BE(sem1 &2)	$\begin{array}{r} 310254\\ 310255\\ 310255\\ 310256\\ \\ 410441\\ 410442\\ 410442\\ 410443\\ 410445\\ 410445\\ 410445\\ 410446\\ 410447\\ 410446\\ 410447\\ 410448\\ 410449\\ 410450\\ 410450\\ 410451\\ 410452\\ 410453\\ 410454\\ \end{array}$

	Program: BE-Electronics and Telecommunications				
		204181	Signals & Systems		
		204182	Electronic Devices & Circuits		
		204183	Network Theory		
		204184	Data structures & Algorithms		
		204185	Digital Electronics		
		204186	Electronic Measuring Instruments & Tools		
	SE E&TC (Sem-I	207005	Engineering Maths-III		
	& II)	204187	Integrated Circuits		
		204188	Control Systems		
		204189	Analog Communication		
		204190	Computer Organization		
		204191	Object Oriented Programming		
		204192	Soft Skills		
		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		
		204107	System Programming and Microcontroller		
	TE E&TC (Sem-I	304187	Applications Lab		
	& II)	304188	Employability Skills in Electronics Design		
		304189	Information Theory and Coding Techniques		
2015-16		304190	Antenna and Wave Propagation		
		304191	Embedded Processors		
		304192	Industrial Management		
		304193	Power Electronics		
		304194	Communication Lab		
		304195	Power Electronics and Embedded Lab		
		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 )		
	BE E&TC (Sem-I	404187	Lab Practice II (VLSI &Elective I)		
	& II)	404188	Project Phase I		
		404189	Mobile Communication		
		404190	Broadband Communication Systems		
		404191	Elective III (Audio Video Engineering /Soft		
		404171	Computing)		
		404192	Elective IV(Nano Electronics & MEMS/Wireless Networks/Business Analytics)		
L		404193	Lab Practice III(MC & BCS)		
1		404194	Lab Practice IV(Elective III)		

<b>Program: BE-Electronics and Telecommunications</b>			
	404195	Project Phase II	
	204181	Signals & Systems	
	204182	Electronic Devices & Circuits	
	204183	Network Theory	
	204184	Data structures & Algorithms	
	204185	Digital Electronics	
SEE&TC (Som I	204186	Electronic Measuring Instruments & Tools	
``	204192	Audit Course 1	
(C 11)	207005	Engineering Maths-III	
-	204187	Integrated Circuits	
-	204188	Control Systems	
-	204189	Analog Communication	
-	204190	Object Oriented Programming	
	204193	Audit Course 2	
-	304196	Mini project and Seminar	
-		Digital Communication	
-		Digital Signal Processing	
-		Micro Controller and Applications	
-		Electromagnetics and Transmission Lines	
-		System Programming and Operating System	
-	304186	Digital Communication and Signal Processing Lab	
TE E&TC (Sem-I	304187	System Programming and Microcontroller Applications Lab	
& II)	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	
	304196	Mini project and Seminar	
	404181	VLSI Design & Technology	
	404182	Computer Networks	
	404183	Microwave Engineering	
	404184	Elective I (Digital Image Processing /Embedded Systems & RTOS )	
BE E&TC (Sem-I	404185	Elective II (Electronic Product design/Artificial Intelligence)	
& II)	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)	
	SE E&TC (Sem-I & II) TE E&TC (Sem-I & II) BE E&TC (Sem-I	404195     204181     204182     204183     204183     204184     204185     204186     204182     204185     204186     204182     204186     204182     204186     204187     204188     204189     204189     204189     204190     204183     304180     304181     304182     304183     304184     304185     304186     304187     304186     304186     304187     304186     304187     304186     304190     304191     304192     304193     304194     304195     304196     404181     404182     404183     404184     40	

	Program	: BE-Electr	onics and Telecommunications
			Elective IV(Wireless Network/ Internet of
		404192	Things/BUSSINESS ANALYATIC AND
			INTELLEGENCE)
		404193	Lab Practice III(MC & BCS)
	-	404194	Lab Practice IV(Elective III)
		404195	Project Phase II
		204181	Signals & Systems
		204182	Electronic Devices & Circuits
	-	204183	Network Theory
	-		Data structures & Algorithms
	-	204185	Digital Electronics
		204186	Electronic Measuring Instruments & Tools
	SE E&TC (Sem-I	204192	Audit Course 1
	& II)	207005	Engineering Maths-III
		204187	Integrated Circuits
		204188	Control Systems
	-	204189	Analog Communication
	-	204190	Object Oriented Programming
	-	204193	Audit Course 2
		304181	Digital Communication
	-	304182	Digital Signal Processing
	-	304183	Electromagnetics
	-	304184	Microcontrollers
	-	304185	Mechatronics
	-	304191	Signal Processing and Communications Lab
	-		(DC/DSP)
2017-18	-	304192	Microcontrollers and Mechatronics Lab
	TE E&TC (Sem-I	304193	Electronics System Design
	& II)	304186	Power Electronics
		304187	Information Theory, Coding and Communication Networks
	-	304188	Business Management
		306189	Advanced Processors
		304190	System Programming and Operating Systems
	ľ	304194	Power and ITCT Lab
		304195	Advanced Processors and System Prograaming. Lab
		304196	Employability Skills and Mini Project
		404181	VLSI Design & Technology
	ľ	404182	Computer Networks
		404183	Microwave Engineering
		404184	Elective I (Internet of Things)
	BE E&TC (Sem-I	404185	Elective II (Electronic Product design)
	& II)	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-Electr	onics and Telecommunications	
	8		Elective III (Audio Video Engineering /Soft	
		404191	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	
		204181	Signals & Systems	
	-	204182	Electronic Devices & Circuits	
	-	204183	Network Theory	
	-	204184	Data structures & Algorithms	
	-	204185	Digital Electronics	
	-	204186	Electronic Measuring Instruments & Tools	
	SE E&TC (Sem-I	204192	Audit Course 1	
	& II)	207005	Engineering Maths-III	
	-	204187	Integrated Circuits	
	-	204188	Control Systems	
	-	204189	Analog Communication	
	-	204190	Object Oriented Programming	
	-	204193	Audit Course 2	
		304181	Digital Communication	
		304182	Digital Signal Processing	
	-	304183	Electromagnetics	
	-	304184	Microcontrollers	
		304185	Mechatronics	
		304191	Signal Processing and Communications Lab (DC/DSP)	
2018-19		304192	Microcontrollers and Mechatronics Lab	
	TE E&TC (Sem-I	304193	Electronics System Design	
	& II)	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	
		404181	VLSI Design& Technology	
		404182	Computer Networks & Security	
		404183	Radiation & Microwave Techniques	
	BE E&TC (Sem-I	404184	Elective I (Internet of Things/Digital Image and Video Processing /Embedded Systems & RTOS )	
	& II)	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-Electr	onics 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
		204181	Signals & Systems
	-	204182	Electronic Devices & Circuits
	-	204183	Network Theory
		204184	Data structures & Algorithms
		204185	Digital Electronics
		204186	Electronic Measuring Instruments & Tools
	SE E&TC (Sem-I	204192	Audit Course 1
	& II)	207005	Engineering Maths-III
	-	204187	Integrated Circuits
	-	204188	Control Systems
		204189	Analog Communication
		204190	Object Oriented Programming
		204193	Audit Course 2
		304181	Digital Communication
		304182	Digital Signal Processing
		304183	Electromagnetics
		304184	Microcontrollers
		304185	Mechatronics
2019-20		304191	Signal Processing and Communications Lab (DC/DSP)
2019-20		304192	Microcontrollers and Mechatronics Lab
	TE E&TC (Sem-I	304193	Electronics System Design
	& II)	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
		404181	VLSI Design& Technology
		404182	Computer Networks & Security
		404183	Radiation & Microwave Techniques
	BE E&TC (Sem-I	404184	Elective I (Internet of Things)
	& II)	404185	Elective II (Electronic Product design/Artificial Intelligence)
		404186	Lab Practice -I (CNS+ RMT)
		404187	Lab Practice -II (VLSI + Elective I)
	ľ	404188	Project Stage I

	Program	: BE-Electr	onics 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
		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
	SE E&TC (Sem-I	204190	Mandatory Audit Course 3
	& II)	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
2020-21		204200	Project Based Learning
		204201	Mandatory Audit Course 4
		304181	Digital Communication
		304182	Digital Signal Processing
		304183	Electromagnetics
	-	304184	Microcontrollers
	-	304185	Mechatronics
			Signal Processing and Communications Lab
		304191	(DC/DSP)
		304192	Microcontrollers and Mechatronics Lab
	TE E&TC (Sem-I	304193	Electronics System Design
	& II)	304186	Power Electronics
			Information Theory, Coding and Communication
		304187	Networks
	ļ t	304188	Business Management
	ļ t	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

	<b>Program: BE-Electronics and Telecommunications</b>				
-		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		
	BE E&TC (Sem-I & II)	404189	Mobile Communication		
	& II)	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		
		107001	Engineering Mathematics-I		
		107002	Engineering Physics		
		102003	Systems in Mechanical Engineering		
		103004	Basic Electrical Engineering		
		110005	Programming and Problem Solving		
	-	111006	Workshop@		
2015-	-	101007	Audit Course 1- Environmental Science		
2016	-	107008	Engineering Mathematics-II		
	-	107009	Engineering Chemistry		
	-	104010	Basic Electronics Engineering		
	-	101011	Engineering Mechanics		
	-	102012	Engineering Graphics $\Omega$		
	-	110013	Project Based Learning <sup>§</sup>		
	FE E&TC (Sem-I	101014	Audit Course 2 <sup>&amp;</sup> -Environmental Science		
	& II)	107001	Engineering Mathematics-I		
		107002 102003	Engineering Physics		
		102003	Systems in Mechanical Engineering Basic Electrical Engineering		
	-	110005	Programming and Problem Solving		
	-	1110005	Workshop@		
	-	101007	Audit Course 1- Environmental Science		
2016- 2020	-	107008	Engineering Mathematics-II		
	-	107009	Engineering Chemistry		
		107007	Basic Electronics Engineering		
		104010	Engineering Mechanics		
		102012	$\frac{1}{1} \qquad \qquad$		
		110013	Project Based Learning <sup>§</sup>		
		101014	Audit Course 2 <sup>&amp;</sup> -Environmental Science		
		107015	Physical Education-Exercise and Field Activities		

Academic Year	Year	Course code	Course name
		107001	Engineering Mathematics-I
2019-20		107002	Engineering Physics
2017 20		102003	Systems in Mechanical Engineering
		103004	Basic Electrical Engineering
	FE	110005	Programming and Problem Solving
	(sem1	111006	Workshop@
	&2)	101007	Audit Course 1- Environmental Science
		107008	Engineering Mathematics-II
		107009	Engineering Chemistry
		104010	Basic Electronics Engineering
		101011	Engineering Mechanics
		102012	Engineering Graphics $^{\Omega}$
		110013	Project Based Learning <sup>§</sup>
		101014	Audit Course 2 <sup>&amp;</sup> -Environmental Science
AY 2019-20		107015	Physical Education-Exercise and Field Activities
		207002	Engineering Mathematics – III
	-	202041	Manufacturing Process-I
		202042	Computer Aided Machine Drawing
		202043	Thermodynamics
		202044	Material Science
		202051	Strength of Materials
	С.Б.	202055	Audit course
	SE	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
		302041	Design of Machine Elements-I
		302042	Heat Transfer
	TE -	302043	Theory of Machines-II
		302044	Turbo Machines
		302045	Metrology and Quality Control
	[	302046	Skill Development

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

		302047	Numerical Methods and Optimization
		302048	Design of Machine Elements-II
		302049	Refrigeration and Air Conditioning
AY 2019-20		302050	Mechatronics
		302051	Manufacturing - Process-II
		302052	Machine Shop-II
		302053	Seminar
		302054	Audit Course
		402041	Hydraulics and Pneumatics
		402042	CAD CAM Automation
	BE	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
AY 2019-20		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
		507201	Advanced Mathematics
		502202	Material Science and Mechanical Behavior of Materials
	ME (Design)	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
AY 2019-20		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
		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
2018-19	FE( sem1	107008	Engineering Mathematics-II
_010 15	&2)	107009	Engineering Chemistry
		104010	Basic Electronics Engineering
		101011	Engineering Mechanics
		102012	Engineering Graphics $^{\Omega}$
		110013	Project Based Learning§
		101014	Audit Course 2 <sup>&amp;</sup> -Environmental Science
		107015	Physical Education-Exercise and Field Activities
	SE	207002	Engineering Mathematics – III
		202041	Manufacturing Process-I
		202042	Computer Aided Machine Drawing
AY 2018-19		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
		302041	Design of Machine Elements-I
	TE	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
AY 2018-19		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
		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
AY 2018-19	ME	502206	Lab Practice I
	(Design)	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
AY 2018-19		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
		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
2017-18	FE( sem1	107008	Engineering Mathematics-II
2017-10	&2)	107009	Engineering Chemistry
		104010	Basic Electronics Engineering
		101011	Engineering Mechanics
		102012	Engineering Graphics $^{\Omega}$
		110013	Project Based Learning <sup>§</sup>
		101014	Audit Course 2 <sup>&amp;</sup> -Environmental Science
		107015	Physical Education-Exercise and Field Activities
		207002	Engineering Mathematics – III
		202041	Manufacturing Process-I
		202042	Computer Aided Machine Drawing
		202043	Thermodynamics
AV 2017 19	SE	202044	Material Science
AY 2017-18		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
		302041	Design of Machine Elements-I
	TE	302042	Heat Transfer
		302043	Theory of Machines-II
		302043	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
		402041	Hydraulics and Pneumatics
		402042	CAD CAM Automation
		402043	Dynamics of Machinery
	BE	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
		507201	Advanced Mathematics
AX 2017 19		502202	Material Science and Mechanical Behavior of Materials
AY 2017-18	ME (Design)	502203	Advanced Stress Analysis
	(Design)	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
		107001	Engineering Mathematics-I
		107002	Engineering Physics /
			Systems in Mechanical
		102003	Engineering
			Basic Electrical
		103004	Engineering
		110005	Programming and Problem Solving
		111006	Workshop@
		101007	Audit Course 1- Environmental Science
		107008	Engineering
	FE( sem1 &2)		Mathematics-II
2016-17		107009	Engineering Chemistry
		104010	Basic Electronics Engineering
		101011	Engineering Mechanics
		102012	Engineering Graphics $\Omega$
		110013	Project Based
		110010	Learning <sup>§</sup>
		101014	Audit Course 2 <sup>&amp;</sup> -Environmental Science
		107015	Physical Education-Exercise and Field Activities
		205002	
		207002	Engineering Mathematics – III
	SE	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
2016 17		202053	Machine Shop-I
2016-17		203152	Electrical and Electronics Engineering
		302041	Design of Machine Elements-I
		302042	Heat Transfer
	TE	302043	Theory of Machines-II
	IL	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
		402041	Hydraulics and Pneumatics
		402042	CAD CAM Automation
		402043	Dynamics of Machinery
	BE	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	507201	Advanced Mathematics
	(Design)	502202	Material Science and Mechanical Behavior of Materials
		502203	Advanced Stress Analysis
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		502205: ME2I – M2	Elective I: Financial Management
2016-17		502205: ME1I – M12	Elective I: Intellectual property Rights
		502206	Lab Practice I

		502207	Analysis and Synthesis of Mechanisms
		502208	Advanced Mechanical Vibrations
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		502210(DE2II-M3)	Elective II: Design of Material Handling Equipment – I
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		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
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		111006	Workshop@
2015.1c		101007	Audit Course 1- Environmental Science
2015-16	&2)	107008	Engineering Mathematics-II
		107009	Engineering Chemistry
		104010	Basic Electronics Engineering
		101011	Engineering Mechanics
		102012	Engineering Graphics $\Omega$
		110013	Project Based Learning <sup>§</sup>
		101014	Audit Course 2 <sup>&amp;</sup> -Environmental Science
AY 2015-16	SE	207002	Engineering Mathematics – III
	SE	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
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	202053	Machine Shop-I
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	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
	402041	Hydraulics and Pneumatics
	402042	CAD CAM Automation
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BE	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
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	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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