



# GOVERNMENT POLYTECHNIC, MUMBAI

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## EXAMINATION CELL

Outward No : GPM/10.9/2021/Equivalence/232-A

Date: 08/11/2021

### Office Order

Subject : Equivalence of Courses P16 to P19

With reference to above subject, this is inform to all concerned students that the students of First to Sixth semester of P16 schemes who have failed in the courses mentioned below will have now to appear for the equivalent courses from P19 scheme curriculum as approved by the program wise Board of Studies/ Board of Studies from ODD 2021-22 examination. The old courses and equivalent course in P-2019 scheme are as mentioned in the following table.

BRANCH CODE	SEMESTER NO	OLD COURSE CODE	OLD COURSE NAME	MODE OF EXAM	EQUIVALENCE COURSE CODE	EQUIVALENCE COURSE NAME	MODE OF EXAM IN P19
CE	1	HU16101	BASICS OF COMMUNICATION	Theory	HU19101	COMMUNICATION SKILL	Theory
CE	1	CO16201	COMPUTER FUNDAMENTALS	PR	CE19102	LIBRE OFFICE CALE ON BOSS LINUX (9) (SPOKEN TUTORIALS)	MOOC
CE	1	SC16105	ENGINEERING CHEMISTRY	Theory	SC19107	ENGINEERING CHEMISTRY	Theory
CE	1	ME16201	ENGINEERING DRAWING-I	TW/PR	ME19201	ENGINEERING DRAWING-I	PR/TW
CE	1	HU16104	ENVIRONMENTAL STUDIES	TW/ORAL	HU19102	ENVIRONMENTAL STUDIES	TW
CE	1	HU16103	GENERIC SKILLS	ORAL		<b>NO EQUIVALENCE</b>	ORAL/ TW
CE	1	SC16107	MATHEMATICS-I	Theory	SC19109	BASIC MATHEMATICS	Theory
CE	1	WS16201	WORKSHOP PRACTICE	TW	WS19201	WORKSHOP PRACTICE	TW
CE	2	CE16201	BUILDING CONSTRUCTION	Theory	CE19301	CONSTRUCTION TECHNOLOGY	Theory
CE	2	CE16203	BUILDING DRAWING	PR/TW	CE19201	BUILDING DRAWING	PR/TW
CE	2	HU16102	COMMUNICATION SKILLS	ORAL		<b>NO EQUIVALENCE</b>	ORAL

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CE	2	CE16203	BUILDING DRAWING	PR/TW	CE19201	BUILDING DRAWING	PR/TW
CE	2	HU16102	COMMUNICATION SKILLS	ORAL		<b>NO EQUIVALENCE</b>	ORAL
CE	2	AM16201	ENGINEERING MECHANICS	Theory	AM19201	ENGINEERING MECHANICS	Theory
CE	2	SC16104	ENGINEERING PHYSICS	Theory	SC19102	ENGINEERING PHYSICS	Theory
CE	2	SC16108	MATHEMATICS-II	Theory	SC19110	ENGINEERING MATHEMATICS	Theory
CE	2	CE16202	SURVEYING	Theory	CE19202	SURVEYING I	Theory
CE	3	CE16301	ADVANCED CONSTRUCTION PRACTICE	TW/ORAL		<b>NO EQUIVALENCE</b>	TW/ORAL
CE	3	CE16303	COMPUTER AIDED DRAFTING	PR/TW	CE19403	COMPUTER AIDED DRAFTING	PR/TW
CE	3	AM16203	CONCRETE TECHNOLOGY	Theory	AM19402	CONCRETE TECHNOLOGY	Theory
CE	3	CE16205	HIGHWAY ENGINEERING	Theory	CE19302	TRANSPORTATION ENGINEERING	Theory
CE	3	CE16204	HYDRAULICS	Theory	CE19401	HYDRAULICS	Theory
CE	3	AM16202	MECHANICS OF STRUCTURE	Theory	AM19301	MECHANICS OF STRUCTURE	Theory
CE	3	CE16306	WATER SUPPLY ENGINEERING	Theory	CE19402	ENVIRONMENTAL ENGINEERING	Theory
CE	4	CE16302	ADVANCED SURVEYING	Theory	CE19303	SURVEYING II	Theory
CE	4	CE16501	CONSTRUCTION MANAGEMENT	Theory	CE19504	CONSTRUCTION MANAGEMENT	Theory
CE	4	CE16403	MATERIAL MANAGEMENT	TW/ORAL	CE19406	MATERIAL MANAGEMENT	Theory
CE	4	CE16402	PLUMBING & SANITARY SERVICES	TW/ORAL	CE19405	BUILDING SERVICES & MAINTENANCE	Theory
CE	4	CE16206	RAILWAY & BRIDGE ENGINEERING	Theory	CE19302	TRANSPORTATION ENGINEERING	Theory
CE	4	CE16401	REPAIRS & REHABILITATION OF BUILDING	TW/ORAL	CE19404	REPAIRS & REHABILITATION OF BUILDING	Theory
CE	4	CE16404	SAFETY & QUALITY CONTROL	TW/ORAL	CE19407	SAFETY & QUALITY CONTROL	Theory

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CE	4	CE16307	SANITARY ENGINEERING	Theory	CE19402	ENVIRONMENTAL ENGINEERING	Theory
CE	4	AM16304	SOIL MECHANICS	Theory	AM19302	SOIL MECHANICS	Theory
CE	4	AM16301	THEORY OF STRUCTURES	Theory	AM19401	THEORY OF STRUCTURES	Theory
CE	5	AM16403	ADVANCED DESIGN OF STRUCTURES	Theory		<b>NO EQUIVALENCE</b>	Theory
CE	5	AM16402	ADVANCED GEOTECHNICAL ENGINEERING	Theory	AM19503	ADVANCED GEOTECHNICAL ENGINEERING	Theory
CE	5	CE16309	CONTRACTS, ACCOUNTS AND VALUATION	Theory	CE19502	CONTRACTS, ACCOUNTS AND VALUATION	Theory
CE	5	AM16302	DESIGN OF RCC AND STEEL STRUCTURES	Theory	AM19501	DESIGN OF REINFORCED CONCRETE AND STEEL STRUCTURES	Theory
CE	5	MG16502	ENTREPRENEURSHIP DEVELOPMENT	TW/ORAL	CE19507	ENTREPRENEURSHIP (NPTEL)	MOOC
CE	5	CE16304	ESTIMATING AND COSTING	Theory	CE19501	ESTIMATING AND COSTING	Theory
CE	5	CE16305	IRRIGATION ENGINEERING	Theory	CE19503	IRRIGATION ENGINEERING	Theory
CE	5	AM16401	PRESTRESSED AND PRECAST CONCRETE	Theory	AM19502	PRESTRESSED AND PRECAST CONCRETE	Theory
CE	5	CE16308	PROJECT	TW/ORAL	CE19506	PROJECT	TW/ORAL
CE	5	CE16405	SOLID WASTE MANAGEMENT	Theory	CE19505	SOLID WASTE MANAGEMENT	Theory
CE	6	CE16410	INDUSTRIAL TRAINING	TW/ORAL	CE19601	IN PLANT TRAINING	TW/ORAL
CO	1	HU16101	BASICS OF COMMUNICATION	Theory	HU19101	COMMUNICATION SKILLS	Theory
CO	1	CO16204	BASICS OF COMPUTER ENGINEERING	PR/TW		COMPLETED THROUGH SPOKEN TUTORIAL/MSCIT	No Theory
CO	1	CO16203	COMPUTER WORKSHOP	PR		COMPLETED THROUGH SPOKEN TUTORIAL	No Theory

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CO	1	ME16201	ENGINEERING DRAWING-I	PR/TW		COMPLETED THROUGH SPOKEN TUTORIAL	
CO	1	SC16104	ENGINEERING PHYSICS	Theory	SC19103	APPLIED PHYSICS	Theory
CO	1	EE16201	FUNDAMENTALS OF ELECTRICAL ENGINEERING	Theory	EE19206	FUNDAMENTALS OF ELECTRICAL ENGINEERING	Theory
CO	1	SC16107	MATHEMATICS-I	Theory	SC19109	BASIC MATHEMATICS	Theory
CO	2	EC16204	BASICS OF ELECTRONICS ENGINEERING	Theory	EC19210	BASICS OF ELECTRICAL & ELECTRONICS ENGINEERING	Theory
CO	2	SC16106	CHEMISTRY OF ENGINEERING MATERIALS	Theory	SC19106	APPLIED CHEMISTRY	Theory
CO	2	HU16102	COMMUNICATION SKILLS	ORAL		NO EQUIVALENCE	ORAL
CO	2	HU16103	GENERIC SKILL	ORAL		STUDENT CENTERED ACTIVITY/SOFT SKILL AND PERSONALITY MOOC	ORAL
CO	2	SC16108	MATHEMATICS-II	Theory	SC19110	ENGINEERING MATHEMATICS	Theory
CO	2	IT16202	PROGRAMMING IN C	Theory	IT19202	LOGIC DEVELOPMENT USING PROGRAMMING C	Theory
CO	2	IT16203	WEB TECHNOLOGY	PR/TW	CO19201	WEB PAGE DESIGN	PR
CO	3	CO16304	COMPUTER HARDWARE & MAINTENANCE	Theory	CO19203	COMPUTER HARDWARE & MAINTENANCE	PR
CO	3	CO16302	DATA STRUCTURES	Theory	CO19204	DATA STRUCTURE	Theory
CO	3	IT16204	DIGITAL TECHNIQUES	Theory	IT19204	DIGITAL TECHNIQUES	Theory
CO	3	HU16104	ENVIRONMENTAL STUDIES	TW/ORAL	HU19102	ENVIRONMENTAL STUDIES	TW

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CO	3	CO16303	OBJECT ORIENTED PROGRAMMING(OL)	OL	CO19202	PROGRAMMING IN C++	Theory
CO	3	CO16305	PRINCIPLES OF DATABASE MANAGEMENT SYSTEMS	Theory	CO19306	DATABASE MANAGEMENT SYSTEMS	Theory
CO	3	CO16306	PROFESSIONAL PRACTICES	TW		STUDENT CENTERED ACTIVITY/SOFT SKILL AND PERSONALITY MOOC	MOOC
CO	4	CO16402	ADVANCE WEB PAGE DESIGN	PR/TW	CO19401	ADVANCED WEB DEVELOPMENT	PR
CO	4	CO16309	COMPUTER NETWORKS	Theory	CO19305	COMPUTER NETWORKS	Theory
CO	4	MG16502	ENTREPRENEURS HIP DEVELOPMENT	TW/ORAL	IT19501	ENTREPRENEURSHIP AND START-UPS	PR/TW
CO	4	CO16307	JAVA PROGRAMMING	Theory	CO19303	PROGRAMMING IN JAVA	Theory
CO	4	CO16205	MICROPROCESSOR	Theory	IT19207	MICROPROCESSOR	Theory
CO	4	CO16401	OBJECT ORIENTED MODELING & DESIGNING	Theory		NO EQUIVALENCE	Theory
CO	4	CO16501	SOFTWARE ENGINEERING	Theory	CO19207	SOFTWARE ENGINEERING	Theory
CO	5	CO16403	ADVANCED DATABASE TECHNOLOGY	Theory	CO19311	NEXT GENERATION DATABASES	Theory
CO	5	CO16406	DATA WAREHOUSING & DATA MINING	Theory		NO EQUIVALENCE	Theory
CO	5	CO16408	FUNCTIONAL PROGRAMMING USING PYTHON	PR	CO19304	FUNCTIONAL PROGRAMMING IN PYTHON	PR
CO	5	CO16418	INDUSTRIAL TRAINING-I	TW/ORAL		NO EQUIVALENCE	TW/ORAL
CO	5	IT16402	MICROCONTROLLER & EMBEDDED SYSTEMS	Theory		NO EQUIVALENCE	Theory
CO	5	CO16405	MOBILE APPLICATION DEVELOPMENT	Theory	CO19309	MOBILE APPLICATION DEVELOPMENT	Theory

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CO	5	CO16407	OPEN SOURCE TECHNOLOGY		CO19310	PHP, MySQL (SPOKEN TUTORIAL)	MOOC
CO	5	IT16308	OPERATING SYSTEM	Theory	CO19206	OPERATING SYSTEM	Theory
CO	5	CO16301	PROJECT AND SEMINAR STAGE I			NO EQUIVALENCE	
CO	5	CO16409	TECHNICAL WRITING	TW	CO19307	LATEX SPOKEN TUTORIAL	MOOC
CO	5	CO16404	WEB APPLICATION DEVELOPMENT USING ADVANCED JAVA	OL Theory	CO19308	ADVANCED PROGRAMMING IN JAVA	PR
CO	6	CO16415	CLOUD APPLICATION	PR/TW	CO19405	CLOUD COMPUTING	No Theory
CO	6	CO16411	COMPUTER SECURITY	Theory	CO19313	COMPUTER SECURITY	Theory
CO	6	CO16412	DATA ANALYTICS USING R	Theory	CO19406	DATA ANALYTICS USING R	Theory
CO	6	CO16420	INDUSTRIAL TRAINING-II			NO EQUIVALENCE	
CO	6	CO16417	LINUX ADMINISTRATION	TW	CO19205	LINUX OS (SPOKEN TUTORIAL)	MOOC
CO	6	CO16416	MULTIMEDIA AND ANIMATION	PR/TW	CO19301	MULTIMEDIA & VIDEO CREATION	PR
CO	6	CO16413	NETWORK MANAGEMENT AND ADMINISTRATION	Theory	CO19404	NETWORK MANAGEMENT AND ADMINISTRATION	Theory
CO	6	CO16308	PROJECT AND SEMINAR STAGE II			NO EQUIVALENCE	
CO	6	CO16414	ROBOTICS	PR/TW	CO19403	INTERNET OF THINGS	No Theory
CO	6	CO16410	SOFTWARE TESTING	Theory	CO19312	SOFTWARE TESTING	Theory
EC	5	EC16409	EMBEDDED OPERATING SYSTEM	ORAL		NO EQUIVALENCE SHOULD BE COMPLETED ACROSS THE TABLE	ORAL

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EC	5	EC16410	NETWORK PLANNING AND MANAGEMENT	ORAL		NO EQUIVALENCE SHOULD BE COMPLETED ACROSS THE TABLE	ORAL
EC	1	HU16101	BASICS OF COMMUNICATION	Theory	HU19101	COMMUNICATION SKILLS	Theory
EC	1	EC16205	ELECTRONIC WORKSHOP	ORAL	EC19201	ELECTRONICS COMPONENTS AND WORKSHOP	ORAL
EC	1	ME16201	ENGINEERING DRAWING-I	PR/TW	ME19201	ENGINEERING DRAWING-I	PR/TW
EC	1	SC16104	ENGINEERING PHYSICS	Theory	SC19104	PHYSICS	Theory
EC	1	EE16201	FUNDAMENTALS OF ELECTRICAL ENGINEERING	Theory	EE19210	FUNDAMENTALS OF ELECTRICAL ENGINEERING	Theory
EC	1	HU16103	GENERIC SKILLS	ORAL		NO EQUIVALENCE SHOULD BE COMPLETED ACROSS THE TABLE	ORAL
EC	1	SC16107	MATHEMATICS-I	Theory	SC19109	BASIC MATHEMATICS	Theory
EC	2	EC16201	BASIC ELECTRONICS	Theory	EC19203	BASIC ELECTRONICS	Theory
EC	2	SC16106	CHEMISTRY OF ENGINEERING MATERIALS	Theory		LIBRE OFFICE IMPRESS ON BOSS LINUX - MOOC (AS PER DISCUSSION WITH PRINCIPAL MADAM AND DECISION TAKEN IN PBOS MEETING)	Theory
EC	2	HU16102	COMMUNICATION SKILLS	ORAL		NO EQUIVALENCE SHOULD BE COMPLETED ACROSS THE TABLE	ORAL

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EC	2	EC16203	ELECTRONIC MATERIALS AND COMPONENTS	Theory	EC19201	ELECTRONIC MATERIALS AND COMPONENTS	Theory
EC	2	HU16104	ENVIRONMENTAL STUDIES	ORAL	HU19102	ENVIRONMENTAL STUDIES	ORAL
EC	2	SC16108	MATHEMATICS-II	Theory	SC19110	ENGINEERING MATHEMATICS	Theory
EC	2	WS16201	WORKSHOP PRACTICE	TW		NO EQUIVALENCE SHOULD BE COMPLETED ACROSS THE TABLE	TW
EC	3	EC16301	APPLIED ELECTRONICS AND TRANSDUCER	Theory		NO EQUIVALENCE SHOULD BE COMPLETED ACROSS THE TABLE	Theory
EC	3	CO16202	C PROGRAMMING	PR	EC19211	C AND A++ - MOOC	MOOC
EC	3	EC16208	DIGITAL ELECTRONICS	Theory	EC19206	DIGITAL ELECTRONICS	Theory
EC	3	EC16206	INTRODUCTION TO COMMUNICATION	Theory		NO EQUIVALENCE SHOULD BE COMPLETED ACROSS THE TABLE	Theory
EC	3	EC16207	INTRODUCTION TO NETWORKING	Theory	EC19404	COMPUTER NETWORK	Theory
EC	3	EC16302	LINEAR INTEGRATED CIRCUIT AND APPLICATIONS	Theory	EC19302	LINEAR INTEGRATED CIRCUIT AND APPLICATIONS	Theory
EC	4	EC16303	COMMUNICATION NETWORK PROTOCOL	Theory	CO19305	COMPUTER NETWORKS	Theory
EC	4	EC16404	DIGITAL SIGNAL PROCESSING	ORAL		NO EQUIVALENCE SHOULD BE COMPLETED ACROSS THE TABLE	ORAL

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EC	4	EC16403	EMBEDDED SYSTEM	Theory		NO EQUIVALENCE SHOULD BE COMPLETED ACROSS THE TABLE	Theory
EC	4	EC16402	MICROCONTROLLER	Theory	EC19401	MICROCONTROLLER @	Theory
EC	4	EC16304	POWER ELECTRONICS	Theory	EC19303	POWER ELECTRONICS	Theory
EC	4	EC16305	PROFESSIONAL PRACTICE	TW		NO EQUIVALENCE SHOULD BE COMPLETED ACROSS THE TABLE	TW
EC	5	EC16406	ADVANCE MICROCONTROLLER	Theory		NO EQUIVALENCE SHOULD BE COMPLETED ACROSS THE TABLE	Theory
EC	5	EC16408	FIBER OPTICS COMMUNICATION	Theory	EC19405	ELECTIVE I FIBRE OPTIC COMMUNICATION	Theory
EC	5	MG16501	INDUSTRIAL ORGANIZATION AND MANAGEMENT	Theory		EDP ABD MANAGEMENT	Theory
EC	5	EC16307	INDUSTRIAL TRAINING-I	ORAL		NO EQUIVALENCE SHOULD BE COMPLETED ACROSS THE TABLE	ORAL
EC	5	EC16407	NETWORK SECURITY	ORAL		NO EQUIVALENCE SHOULD BE COMPLETED ACROSS THE TABLE	ORAL
EC	5	EC16306	PROJECT AND SEMINAR STAGE I	ORAL	EC19304	PROJECT AND SEMINAR	ORAL

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EC	5	EC16405	RED HAT LINUX	Theory		NO EQUIVALENCE SHOULD BE COMPLETED ACROSS THE TABLE	Theory
EC	5	EC16417	VERY LARGE SCALE INTEGRATION	ORAL	EC19410	ELECTIVE 2 VERY LARGE SCALE INTEGRATION	ORAL
EC	6	EC16413	ADVANCE COMMUNICATION SYSTEMS	Theory	EC19409	ADVANCE COMMUNICATION	Theory
EC	6	EC16412	CONSUMER ELECTRONICS	Theory	EC19408	CONSUMER ELECTRONICS	Theory
EC	6	EC16414	CONTROL SYSTEM	Theory	EC19403	CONTROL SYSTEM	Theory
EC	6	EC16309	INDUSTRIAL TRAINING-II	ORAL		NO EQUIVALENCE SHOULD BE COMPLETED ACROSS THE TABLE	ORAL
EC	6	EC16411	MOBILE COMMUNICATION	Theory	EC19406	ELECTIVE I MOBILE COMMUNICATION	Theory
EC	6	EC16416	PLC AND SCADA	TW/ORAL	EC19411	AUTOMATION	Theory
EC	6	EC16308	PROJECT STAGE II	ORAL	EC19304	PROJECT AND SEMINAR	ORAL
EC	6	EC16415	ROBOTICS	ORAL		NO EQUIVALENCE SHOULD BE COMPLETED ACROSS THE TABLE	ORAL
IS	1	HU16101	BASICS OF COMMUNICATION	Theory	HU19101	COMMUNICATION SKILLS	Theory
IS	1	CO16201	COMPUTER FUNDAMENTALS	OL		NO EQUIVALENCE	OL
IS	1	SC16104	ENGINEERING PHYSICS	Theory	SC19101	BASIC PHYSICS	Theory
IS	1	EE16201	FUNDAMENTALS OF ELECTRICAL ENGINEERING	Theory	EE19206	FUNDAMENTALS OF ELECTRICAL ENGINEERING	Theory
IS	1	HU16103	GENERIC SKILLS	ORAL		NO EQUIVALENCE	ORAL

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IS	1	IS16201	INSTRUMENTATION WORKSHOP PRACTICE	PR/TW	IS19202	INSTRUMENTATION WORKSHOP PRACTICE	PR/TW
IS	1	SC16107	MATHEMATICS-I	Theory	SC19109	BASIC MATHEMATICS	Theory
IS	2	EC16204	BASICS OF ELECTRONIC ENGINEERING	Theory	IS19206	BASICS OF ELECTRONIC ENGINEERING	Theory
IS	2	SC16106	CHEMISTRY OF ENGINEERING MATERIALS	Theory	SC19106	APPLIED CHEMISTRY	Theory
IS	2	HU16102	COMMUNICATION SKILLS	ORAL		NO EQUIVALENCE	ORAL
IS	2	ME16201	ENGINEERING DRAWING-I	PR/TW	ME19201	ENGINEERING DRAWING-I	PR/TW
IS	2	SC16108	MATHEMATICS-II	Theory	SC19110	ENGINEERING MATHEMATICS	Theory
IS	2	IS16202	PRINCIPLES OF MEASUREMENT	Theory	IS19201	PRINCIPLES OF MEASUREMENT	Theory
IS	2	WS16201	WORKSHOP PRACTICE	TW	WS19201	WORKSHOP PRACTICE	TW
IS	3	CO16202	C PROGRAMMING	OL	IS19312	C AND CPP (SPOKEN TUTORIAL)	MOOC
IS	3	IS16204	CONTROL SYSTEM COMPONENTS	Theory	IS19205	CONTROL SYSTEM COMPONENTS	Theory
IS	3	IT16204	DIGITAL TECHNIQUES	Theory	IT19204	DIGITAL TECHNIQUES	Theory
IS	3	EE16206	ELECTRICAL MACHINES	Theory	EE19211	ELECTRICAL MACHINES	Theory
IS	3	IS16205	ELECTRONIC DEVICES AND CIRCUITS	Theory		NO EQUIVALENCE	Theory
IS	3	HU16104	ENVIRONMENTAL STUDIES	TW/ORAL	HU19102	ENVIRONMENTAL STUDIES	TW/ORAL
IS	3	IS16203	PROCESS MEASUREMENT I	Theory		NO EQUIVALENCE	Theory
IS	3	IS16301	PROFESSIONAL PRACTICE	TW		NO EQUIVALENCE	TW
IS	4	ME16315	DRAFTING PRACTICES	TW		NO EQUIVALENCE	TW
IS	4	IS16207	ELECTRONIC MEASURING INSTRUMENTS	OL Theory		NO EQUIVALENCE	OL Theory

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IS	4	IS16302	INSTRUMENTATION CIRCUITS DESIGN	Theory	IS19304	INSTRUMENTATION CIRCUITS DESIGN	Theory
IS	4	IS16303	MICROCONTROLLER	Theory	IS19307	MICROCONTROLLER	Theory
IS	4	IS16306	MINI PROJECT	TW		NO EQUIVALENCE	TW
IS	4	IS16304	POWER ELECTRONICS	Theory		NO EQUIVALENCE	Theory
IS	4	IS16206	PROCESS MEASUREMENT - II	Theory	IS19203	INDUSTRIAL MEASUREMENTS	Theory
IS	4	IS16305	PROFESSIONAL SOFTWARE	PR		NO EQUIVALENCE	PR
IS	5	IS16402	ANALYTICAL INSTRUMENTATION	Theory	IS19401	ANALYTICAL INSTRUMENTATION	Theory
IS	5	IS16308	BIOMEDICAL INSTRUMENTATION	Theory	IS19305	BIOMEDICAL INSTRUMENTATION	Theory
IS	5	EC16403	EMBEDDED SYSTEM	Theory	IS19406	ADVANCE EMBEDDED SYSTEM	Theory
IS	5	MG16501	INDUSTRIAL ORGANIZATION AND MANAGEMENT	OLTheory		NO EQUIVALENCE	OL Theory
IS	5	IS16310	INDUSTRIAL TRAINING			NO EQUIVALENCE	
IS	5	IS16401	MECHATRONICS	Theory		NO EQUIVALENCE	Theory
IS	5	IS16307	PROCESS CONTROL SYSTEMS	Theory	IS19301	PROCESS CONTROL SYSTEMS	Theory
IS	5	IS16311	PROJECT AND SEMINAR STAGE I	ORAL	IS19309	PROJECT**	ORAL
IS	5	IS16309	UNIT OPERATIONS & INSTRUMENTATION	Theory	IS19306	UNIT OPERATIONS & INSTRUMENTATION	Theory
IS	6	IS16405	BUILDING AUTOMATION	Theory	IS19403	BUILDING AUTOMATION	Theory
IS	6	IS16403	DISTRIBUTED CONTROL SYSTEMS	Theory	IS19404	DISTRIBUTED CONTROL SYSTEMS	Theory

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IS	6	MG16502	ENTREPRENEURS HIP DEVELOPMENT	TW/ORAL		NO EQUIVALENCE	TW/ORAL
IS	6	IS16314	FEEDBACK CONTROL SYSTEMS	Theory		NO EQUIVALENCE	Theory
IS	6	IS16313	INDUSTRIAL AUTOMATION	Theory	IS19303	INDUSTRIAL AUTOMATION	Theory
IS	6	IS16315	INPLANT TRAINING			NO EQUIVALENCE	
IS	6	IS16312	MAINTENANCE OF INSTRUMENTS AND SYSTEMS	Theory	IS19302	MAINTENANCE OF INSTRUMENTS AND SYSTEMS	Theory
IS	6	IS16404	POWER PLANT INSTRUMENTATION	Theory	IS19402	POWER PLANT INSTRUMENTATION	Theory
IS	6	IS16316	PROJECT AND SEMINAR STAGE II	TW/ORAL	IS19309	PROJECT**	TW/ORAL
ME	1	HU16101	BASICS OF COMMUNICATION	Theory	HU19101	COMMUNICATION SKILLS	Theory
ME	1	CO16201	COMPUTER FUNDAMENTALS	PR		NO EQUIVALENCE COURSE IN P-19, SHOULD BE COMPLETED ACROSS THE TABLE	PR
ME	1	SC16105	ENGINEERING CHEMISTRY	Theory	SC19107	ENGINEERING CHEMISTRY	Theory
ME	1	ME16201	ENGINEERING DRAWING-I	PR/TW	ME19201	ENGINEERING DRAWING-I	PR/TW
ME	1	HU16104	ENVIRONMENTAL STUDIES	TW/ORAL	HU19102	ENVIRONMENTAL STUDIES	TW/ORAL
ME	1	HU16103	GENERIC SKILLS	ORAL		NO EQUIVALENCE COURSE IN P-19, SHOULD BE COMPLETED ACROSS THE TABLE	ORAL
ME	1	SC16107	MATHEMATICS-I	Theory	SC19109	BASIC MATHEMATICS	Theory
ME	1	WS16201	WORKSHOP PRACTICE	TW	WS19201	WORKSHOP PRACTICE	TW

BRANCH CODE	SEMESTER NO	OLD COURSE CODE	OLD COURSE NAME	MODE OF EXAM	EQUIVALENCE COURSE CODE	EQUIVALENCE COURSE NAME	MODE OF EXAM IN P19
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ME	2	CO16202	C PROGRAMMING	PR		NO EQUIVALENCE COURSE IN P-19, SHOULD BE COMPLETED ACROSS THE TABLE	PR
ME	2	HU16102	COMMUNICATION SKILLS	ORAL		NO EQUIVALENCE COURSE IN P-19, SHOULD BE COMPLETED ACROSS THE TABLE	ORAL
ME	2	EE16203	ELECTRICAL TECHNOLOGY	Theory		NO EQUIVALENCE COURSE IN P-19, SHOULD BE COMPLETED ACROSS THE TABLE	Theory
ME	2	ME16202	ENGINEERING DRAWING-II	Theory	ME19202	ENGINEERING DRAWING-II	Theory
ME	2	AM16201	ENGINEERING MECHANICS	Theory	AM19201	ENGINEERING MECHANICS	Theory
ME	2	SC16104	ENGINEERING PHYSICS	Theory	SC19102	ENGINEERING PHYSICS	Theory
ME	2	SC16108	MATHEMATICS-II	Theory	SC19110	ENGINEERING MATHEMATICS	Theory
ME	3	ME16205	BASIC THERMODYNAMICS	Theory	ME19205	BASIC THERMODYNAMICS	Theory
ME	3	EC16210	FUNDAMENTAL OF ELECTRONICS	PR/TW		NO EQUIVALENCE COURSE IN P-19, SHOULD BE COMPLETED ACROSS THE TABLE	PR/TW
ME	3	ME16308	HYDRAULIC MACHINES	Theory	ME19207	FLUID MECHANICS AND MACHINERY	Theory
ME	3	ME16301	MACHINE DRAWING	Theory		NO EQUIVALENCE SHOULD BE COMPLETED ACROSS THE TABLE	Theory

BRANCH CODE	SEMESTER NO	OLD COURSE CODE	OLD COURSE NAME	MODE OF EXAM	EQUIVALENCE COURSE CODE	EQUIVALENCE COURSE NAME	MODE OF EXAM IN P19
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ME	3	AM16204	STRENGTH OF MATERIAL	Theory	ME19210	STRENGTH OF MATERIAL	Theory
ME	3	ME16204	THEORY OF MACHINES	Theory	ME19206	THEORY OF MACHINES	Theory
ME	4	ME16304	APPLIED THERMODYNAMIC	Theory		NO EQUIVALENCE SHOULD BE COMPLETED ACROSS THE TABLE	Theory
ME	4	ME16302	COMPUTER AIDED DRAFTING	PR/TW		NO EQUIVALENCE SHOULD BE COMPLETED ACROSS THE TABLE	PR/TW
ME	4	MG16502	ENTREPRENEURS HIP DEVELOPMENT	TW/ORAL		NO EQUIVALENCE SHOULD BE COMPLETED ACROSS THE TABLE	TW/ORAL
ME	4	ME16401	INDUSTRIAL HYDRAULIC & PNEUMATICS	Theory	ME19302	INDUSTRIAL HYDRAULIC & PNEUMATICS	Theory
ME	4	ME16305	MANUFACTURING PROCESSES	Theory	ME19203	MANUFACTURING PROCESSES	Theory
ME	4	ME16309	PHYSICAL METALLURGY & MATERIALS	Theory	ME19309	MATERIALS TECHNOLOGY	Theory
ME	4	ME16307	PRODUCTION & INDUSTRIAL ENGINEERING	Theory	ME19307	PRODUCTION & INDUSTRIAL ENGINEERING	Theory
ME	5	ME16306	ADVANCE MANUFACTURING PROCESS	Theory	ME19306	ADVANCE MANUFACTURING PROCESS	Theory
ME	5	ME16406	BASICS OF MECHATRONICS	Theory	ME19312	BASICS OF MECHATRONICS	Theory
ME	5	ME16311	DESIGN OF MACHINE ELEMENTS	Theory	ME19311	DESIGN OF MACHINE ELEMENTS	Theory
ME	5	MG16501	INDUSTRIAL ORGANIZATION AND MANAGEMENT	OL Theory		NO EQUIVALENCE SHOULD BE COMPLETED ACROSS THE TABLE	OL Theory

BRANCH CODE	SEMESTER NO	OLD COURSE CODE	OLD COURSE NAME	MODE OF EXAM	EQUIVALENCE COURSE CODE	EQUIVALENCE COURSE NAME	MODE OF EXAM IN P19
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ME	5	ME16310	METROLOGY AND QUALITY CONTROL	Theory	ME19310	METROLOGY AND QUALITY CONTROL	Theory
ME	5	ME16404	POWER PLANT ENGINEERING	Theory		NO EQUIVALENCE SHOULD BE COMPLETED ACROSS THE TABLE	Theory
ME	5	ME16312	PROJECT	TW/ORAL	ME19308	PROJECT	TW/ORAL
ME	5	ME16402	RAC-AUTO	Theory		NO EQUIVALENCE SHOULD BE COMPLETED ACROSS THE TABLE	Theory
ME	5	ME16303	SOLID MODELLING	PR/TW	ME19303	SOLID MODELING	PR/TW
ME	5	ME16403	TOOL ENGINEERING	Theory	ME19405	TOOL ENGINEERING	Theory
ME	6	ME16405	INPLANT TRAINING	TW/ORAL	ME19313	INPLANT TRAINING	TW/ORAL
IF	1	HU16101	BASICS OF COMMUNICATION	Theory	HU19101	COMMUNICATION SKILLS	Theory
IF	1	IT16201	BASICS OF INFORMATION TECHNOLOGY	PR/TW		MSCIT	No Theory
IF	1	SC16106	CHEMISTRY OF ENGINEERING MATERIALS	Theory	SC19107	ENGINEERING CHEMISTRY	Theory
IF	1	ME16201	ENGINEERING DRAWING-I	PR/TW	ME19201	ENGINEERING DRAWING I OF MECHANICAL DEPT.	PR/TW
IF	1	EE16201	FUNDAMENTALS OF ELECTRICAL ENGINEERING	Theory	EC19210	BASICS OF ELECTRICAL AND ELECTRONICS ENGINEERING	Theory
IF	1	HU16103	GENERIC SKILLS	ORAL		NO EQUIVALENCE SHOULD BE COMPLETED ACROSS THE TABLE	ORAL

BRANCH CODE	SEMESTER NO	OLD COURSE CODE	OLD COURSE NAME	MODE OF EXAM	EQUIVALENCE COURSE CODE	EQUIVALENCE COURSE NAME	MODE OF EXAM IN P19
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IF	1	SC16107	MATHEMATICS-I	Theory	SC19109	BASIC MATHEMATICS	Theory
IF	2	EC16204	BASICS OF ELECTRONIC ENGINEERING	Theory	EC19210	BASICS OF ELECTRICAL AND ELECTRONICS ENGINEERING	Theory
IF	2	HU16102	COMMUNICATION SKILLS	ORAL		NO EQUIVALENCE SHOULD BE COMPLETED ACROSS THE TABLE	ORAL
IF	2	SC16104	ENGINEERING PHYSICS	Theory	SC19103	APPLIED PHYSICS	Theory
IF	2	HU16104	ENVIRONMENTAL STUDIES	TW/ORAL	HU19102	ENVIRONMENTAL STUDIES	TW/ORAL
IF	2	SC16108	MATHEMATICS-II	Theory	SC19110	ENGINEERING MATHEMATICS	Theory
IF	2	IT16202	PROGRAMMING IN C	Theory	IT19202	LOGIC DEVELOPMENT USING PROGRAMMING C	Theory
IF	2	IT16203	WEB TECHNOLOGY	PR/TW	IT19201	WEB TECHNOLOGY	PR
IF	3	IT16302	COMPUTER PERIPHERAL AND MAINTENANCE(OL )	Theory	CO19203	COMPUTER HARDWARE & MAINTENANCE	PR
IF	3	IT16205	DATA COMMUNICATION	Theory	IT19206	DATA COMMUNICATION	Theory
IF	3	IT16303	DATABASE MANAGEMENT SYSTEM	Theory	CO19306	DATABASE MANAGEMENT SYSTEM	Theory
IF	3	IT16204	DIGITAL TECHNIQUES	Theory	IT19204	DIGITAL TECHNIQUES	Theory
IF	3	IT16206	OBJECT ORIENTED PROGRAMMING USING C++	Theory	CO19202	PROGRAMMING IN C++	Theory
IF	3	IT16301	PROFESSIONAL PRACTICE	TW		2 WEEKS INDUSTRIAL TRAINING	
IF	3	IT16304	UID PROGRAMMING	PR/TW	IT19305	UID PROGRAMMING	PR

BRANCH CODE	SEMESTER NO	OLD COURSE CODE	OLD COURSE NAME	MODE OF EXAM	EQUIVALENCE COURSE CODE	EQUIVALENCE COURSE NAME	MODE OF EXAM IN P19
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IF	4	IT16306	COMPUTER NETWORKING	Theory	CO19305	COMPUTER NETWORKS	Theory
IF	4	IT16305	DATA STRUCTURE & APPLICATIONS	Theory	CO19204	DATA STRUCTURE	Theory
IF	4	MG16502	ENTREPRENEURS HIP DEVELOPMENT	TW/ORAL	IT19501	ENTREPRENEURSHIP AND START-UPS	TW/ORAL
IF	4	CO16307	JAVA PROGRAMMING	Theory	CO19303	PROGRAMMING IN JAVA	Theory
IF	4	CO16205	MICROPROCESSOR	Theory	IT19207	MICROPROCESSOR	Theory
IF	4	IT16307	MULTIMEDIA TECHNIQUES	PR/TW	IT19302	MULTIMEDIA TECHNOLOGY	PR
IF	4	IT16308	OPERATING SYSTEM	Theory	CO19206	OPERATING SYSTEM	Theory
IF	5	CO16403	ADVANCE DATABASE TECHNOLOGY	Theory	CO19311	NEXT GENERATION DATABASES	Theory
IF	5	IT16314	ADVANCED JAVA PROGRAMMING	Theory	CO19308	ADVANCE PROGRAMMING IN JAVA	Theory
IF	5	IT16311	ADVANCED WEB TECHNOLOGY	PR/TW	CO19401	ADVANCED WEB TECHNOLOGY	MOOC
IF	5	IT16313	INDUSTRIAL TRAINING	TW/ORAL		INDUSTRIAL TRAINING OF 4 WEEKS	
IF	5	IT16309	INFORMATION SECURITY	Theory	IT19308	NETWORK AND INFORMATION SECURITY	Theory
IF	5	IT16310	LINUX OPERATING SYSTEM	Theory		NO EQUIVALENCE	NA
IF	5	IT16402	MICROCONTROLLER AND EMBEDDED SYSTEMS	Theory	IT19304	MICROCONTROLLER AND EMBEDDED SYSTEMS	Theory
IF	5	IT16312	PROJECT AND SEMINAR STAGE I	ORAL		NO EQUIVALENCE	ORAL
IF	5	IT16401	PYTHON PROGRAMMING	Theory	IT19401	PYTHON PROGRAMMING	Theory
IF	5	CO16501	SOFTWARE ENGINEERING	Theory	CO19207	SOFTWARE ENGINEERING	Theory
IF	6	IT16403	BIG DATA	Theory	IT19403	INTRODUCTION TO BIG DATA AND HADOOP	Theory

BRANCH CODE	SEMESTER NO	OLD COURSE CODE	OLD COURSE NAME	MODE OF EXAM	EQUIVALENCE COURSE CODE	EQUIVALENCE COURSE NAME	MODE OF EXAM IN P19
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IF	6	IT16315	CLOUD COMPUTING	Theory	CO19405	CLOUD COMPUTING	Theory
IF	6	IT16405	GEOGRAPHICAL INFORMATION SYSTEM	Theory	IT19403	GEOGRAPHICAL INFORMATION SYSTEM	Theory
IF	6	IT16319	INDUSTRIAL TRAINING	TW/ORAL		INDUSTRIAL TRAINING OF 2 WEEKS	
IF	6	IT16404	INTERNET OF THINGS	Theory	IT19311	INTERNET OF THINGS (MOOC)	Theory
IF	6	IT16501	MANAGEMENT INFORMATION SYSTEM	Theory		NO EQUIVALENCE	Theory
IF	6	IT16318	MOBILE APPLICATION DEVELOPMENT	PR/TW	CO19309	MOBILE APPLICATION DEVELOPMENT	PR
IF	6	IT16317	PROJECT AND SEMINAR STAGE II	TW/ORAL		NO EQUIVALENCE	TW/ORAL
IF	6	IT16316	SOFTWARE TESTING AND QUALITY ASSURANCE	Theory	CO19313	SOFTWARE TESTING	Theory
LG	1	SC16102	BASIC CHEMISTRY	Theory		COURSE ELIMINATED	Theory
LG	1	SC16101	BASIC PHYSICS	Theory		COURSE ELIMINATED	Theory
LG	1	HU16101	BASICS OF COMMUNICATION	Theory	HU19101	COMMUNICATION SKILLS	Theory
LG	1	ME16201	ENGINEERING DRAWING-I			COURSE ELIMINATED	
LG	1	SC16107	MATHEMATICS-I	Theory		COURSE ELIMINATED	Theory
LG	1	LG16203	WORKSHOP PRACTICE (FOOTWEAR)	PR/TW	LG19202	WORKSHOP PRACTICE (OPEN FOOTWEAR-I)	PR/TW
LG	2	LG16201	ANATOMY OF FOOTWEAR	Theory	LG19201	ANATOMY OF FOOTWEAR	Theory
LG	2	LT16401	AUTO CAD	TW	LG19404	QCAD (Mooc)	MOOC
LG	2	LG16202	BASIC LEATHER TANNING	Theory	LG19302	BASIC LEATHER TANNING	Theory
LG	2	HU16102	COMMUNICATION SKILLS	ORAL	HU19103	COMMUNICATION PRACTICE	ORAL
LG	2	LG16401	MATERIAL TECHNOLOGY	Theory	LG19401	MATERIAL TECHNOLOGY	Theory
LG	2	LT16202	ORGANIC CHEMISTRY-I	Theory		COURSE ELIMINATED	Theory

BRANCH CODE	SEMESTER NO	OLD COURSE CODE	OLD COURSE NAME	MODE OF EXAM	EQUIVALENCE COURSE CODE	EQUIVALENCE COURSE NAME	MODE OF EXAM IN P19
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LG	3	HU16104	ENVIRONMENTAL STUDIES	TW/ORAL	HU19104	ENVIRONMENTAL STUDIES	TW/ORAL
LG	3	LG16311	FOOTWEAR DESIGNING	Theory	LG19307	FASHION FOR FOOTWEAR	Theory
LG	3	LG16302	FOOTWEAR FABRICATION I	Theory	LG19306	FOOTWEAR FABRICATION I	Theory
LG	3	LG16301	LEATHER GARMENT DESIGNING	Theory		COURSE ELIMINATED	Theory
LG	3	LG16303	LEATHER GOODS DESIGNING	Theory	LG19304	LEATHER GOODS DESIGNING	Theory
LG	3	LG16309	POST TANNING OPERATION	Theory	LG19305	PRINCIPLES OF POST TANNING	Theory
LG	4	LG16304	FOOTWEAR FABRICATION - II	Theory	LG19310	FOOTWEAR FABRICATION - II	Theory
LG	4	LG16402	FOOTWEAR STYLING PRACTICE	TW/PR	LG19405	FOOTWEAR STYLING PRACTICE	PR
LG	4	LG16306	LEATHER GARMENT FABRICATION	Theory		COURSE ELIMINATED	Theory
LG	4	LG16305	LEATHER GOODS FABRICATION	Theory	LG19309	LEATHER GOODS FABRICATION	Theory
LG	4	LG16406	LEATHER TESTING	Theory		COURSE ELIMINATED	Theory
LG	4	MG16503	ORGANIZATION & MANAGEMENT IN LEATHER SECTOR	Theory		COURSE ELIMINATED	Theory
LG	5	LG16404	ADVANCE FOOTWEAR DESIGNING	Theory	LG19409	ADVANCE FOOTWEAR DESIGNING	Theory
LG	5	MG16502	ENTREPRENEURS HIP DEVELOPMENT	TW/ORAL	LG19502	ENTREPRENEURSHIP AND DEVELOPMENT	TW
LG	5	LG16307	FOOTWEAR CONSTRUCTION	Theory	LG19313	FOOTWEAR CONSTRUCTION	Theory
LG	5	LG16310	LEATHER FINISHING			COURSE ELIMINATED	
LG	5	LG16308	LEATHER GOODS PRODUCTION	PR	LG19312	LEATHER GOODS PRODUCTION	PR
LG	5	LG16405	PROJECT AND SEMINAR	TW/ORAL	LG19408	PROJECT AND SEMINAR	TW/ORAL
LG	5	LG16403	QUALITY ASSESSMENT OF MATERIAL	Theory	LG19407	QUALITY CONTROLLING IN LEATHER SECTOR	Theory

BRANCH CODE	SEMESTER NO	OLD COURSE CODE	OLD COURSE NAME	MODE OF EXAM	EQUIVALENCE COURSE CODE	EQUIVALENCE COURSE NAME	MODE OF EXAM IN P19
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LG	6	LG16407	INPLANT TRAINING	TW/ORAL	LG19410	INDUSTRIAL TRAINING	TW/ORAL
LT	1	SC16102	BASIC CHEMISTRY	Theory	SC19108	LEATHER CHEMISTRY-I	Theory
LT	1	SC16101	BASIC PHYSICS	Theory	SC19105	LEATHER PHYSICS	Theory
LT	1	HU16101	BASICS OF COMMUNICATION	Theory	HU19101	COMMUNICATION SKILLS	Theory
LT	1	ME16201	ENGINEERING DRAWING-I	PR/TW	ME19201	ENGINEERING DRAWING-I	PR/TW
LT	1	LT16201	INTRODUCTION OF LEATHER MANUFACTURING	Theory	LT19201	INTRODUCTION OF LEATHER MANUFACTURING	Theory
LT	1	SC16107	MATHEMATICS-I	Theory	SC19111	MATHEMATICS	Theory
LT	2	LT16401	AUTO CAD	TW	LT19401	QCAD (SPOKEN TUTORIAL)	MOOC
LT	2	LT16203	BASIC FOOTWEAR TECHNOLOGY	Theory	LT19203	BASIC FOOTWEAR TECHNOLOGY	Theory
LT	2	HU16102	COMMUNICATION SKILLS	ORAL	HU19101	COMMUNICATION SKILLS	ORAL
LT	2	LT16205	ELECTRICAL MAINTAINANCE	TW/PR	LT19205	ELECTRICAL MAINTENANCE	TW/PR
LT	2	LT16208	FUNDAMENTALS OF MECHANICAL ENGINEERING	TW/PR	LT19205	ELECTRICAL MAINTENANCE	TW/PR
LT	2	LT16202	ORGANIC CHEMISTRY-I	Theory	LT19202	ORGANIC CHEMISTRY-I	Theory
LT	2	LT16204	PRINCIPLES OF LEATHER	Theory	LT19204	PRINCIPLES OF LEATHER	Theory
LT	3	LT16302	BASIC LEATHER CHEMISTRY	Theory	LT19302	LEATHER CHEMISTRY-II	Theory
LT	3	LT16403	CHEMICAL ENGINEERING OF LEATHER	Theory	LT19403	CHEMICAL ENGINEERING OF LEATHER	Theory
LT	3	HU16104	ENVIRONMENTAL STUDIES	TW/ORAL	HU19102	ENVIRONMENTAL STUDIES	TW/ORAL
LT	3	LT16303	FOOTWEAR WORKSHOP PRACTICE-I	PR	LT19303	FOOTWEAR WORKSHOP PRACTICE-I	PR/TW
LT	3	LT16207	INORGANIC CHEMISTRY	Theory	LT19207	INORGANIC CHEMISTRY	Theory
LT	3	LT16301	LEATHER PROCESSING	Theory	LT19308	LEATHER PROCESSING	Theory

BRANCH CODE	SEMESTER NO	OLD COURSE CODE	OLD COURSE NAME	MODE OF EXAM	EQUIVALENCE COURSE CODE	EQUIVALENCE COURSE NAME	MODE OF EXAM IN P19
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LT	3	LT16206	ORGANIC CHEMISTRY II	Theory	LT19206	ORGANIC CHEMISTRY II	Theory
LT	4	LT16402	BASIC ANALYTICAL CHEMISTRY	Theory	LT19402	BASIC ANALYTICAL CHEMISTRY	Theory
LT	4	LT16404	CHEMISTRY OF DYEING & FINISHING	Theory	LT19404	CHEMISTRY OF DYEING & FINISHING	Theory
LT	4	MG16502	ENTREPRENEURS HIP DEVELOPMENT	TW/ORAL	MG19502	ENTREPRENEUR SHIP & DEVELOPMENT	TW
LT	4	LT16304	FOOTWEAR WORKSHOP PRACTICE - II	PR	LT19304	FOOTWEAR WORKSHOP PRACTICE - II	PR/TW
LT	4	MG16503	INDUSTRIAL ORGANIZATION & MANAGEMENT IN LEATHER SECTOR	Theory	MG19503	INDUSTRIAL ORGANIZATION & MANAGEMENT IN LEATHER SECTOR	Theory
LT	4	LT16305	POST TANNING OPERATIONS	Theory	LT19305	POST TANNING OPERATIONS	Theory
LT	5	LT16405	CHEMICAL TESTING OF LEATHER	Theory	LT19405	CHEMICAL TESTING OF LEATHER	Theory
LT	5	LT16307	FOOTWEAR DESIGNING TECHNIQUE	Theory	LT19301	FOOTWEAR DESIGNING	Theory
LT	5	LT16306	LEATHER DRESSING	Theory	LT19306	LEATHER DRESSING	Theory
LT	5	LT16406	PHYSICAL TESTING OF LEATHER	Theory	LT19406	PHYSICAL TESTING OF LEATHER	Theory
LT	5	LT16407	PROJECT AND SEMINAR	TW/ORAL	LT19407	PROJECT AND SEMINAR	TW/ORAL
LT	6	LT16408	INDUSTRIAL TRAINING	TW/ORAL	LT19408	INPLANT TRAINING	TW/ORAL
EE	1	HU16101	BASICS OF COMMUNICATION	Theory	HU19101	COMMUNICATIO N SKILLS	Theory
EE	1	CO16202	C PROGRAMMING	PR	EE19205	C PROGRAMMING (SPOKEN TUTORIAL)	MOOC
EE	1	CO16203	COMPUTER WORKSHOP	PR	EE19204	LIBRE-OFFICE CALE (SPOKEN TUTORIAL)	MOOC

BRANCH CODE	SEMESTER NO	OLD COURSE CODE	OLD COURSE NAME	MODE OF EXAM	EQUIVALENCE COURSE CODE	EQUIVALENCE COURSE NAME	MODE OF EXAM IN P19
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EE	1	AM16201	ENGINEERING MECHANICS	Theory		NO EQUIVALENCE	Theory
EE	1	SC16104	ENGINEERING PHYSICS	Theory	SC19101	BASIC PHYSICS	Theory
EE	1	HU16103	GENERIC SKILL	ORAL		NO EQUIVALENCE	ORAL
EE	1	SC16107	MATHEMATICS-I	Theory	SC19109	BASIC MATHEMATICS	Theory
EE	1	WS16201	WORKSHOP PRACTICE	TW		NO EQUIVALENCE	TW
EE	2	EE16202	BASIC ELECTRICAL ENGINEERING	Theory	EE19201	BASIC ELECTRICAL ENGINEERING	Theory
EE	2	SC16106	CHEMISTRY OF ENGINEERING MATERIALS	Theory	SC19106	APPLIED CHEMISTRY	Theory
EE	2	HU16102	COMMUNICATION SKILLS	ORAL	HU19101	COMMUNICATION SKILLS	ORAL
EE	2	EC16202	ELEMENTS OF ELECTRONICS ENGINEERING	Theory	EC19207	ELEMENTS OF ELECTRONICS ENGINEERING	Theory
EE	2	ME16201	ENGINEERING DRAWING-I	PR/TW	ME19208	ENGINEERING GRAPHICS	PR/TW
EE	2	SC16108	MATHEMATICS-II	Theory	SC19110	ENGINEERING MATHEMATICS	Theory
EE	3	EE16212	DC MACHINE AND TRANSFORMER	Theory	EE19209	DC MACHINE AND TRANSFORMER	Theory
EE	3	EE16211	ELECTRICAL CIRCUIT AND NETWORK	Theory	EE19208	ELECTRICAL CIRCUIT AND NETWORK	Theory
EE	3	EE16208	ELECTRICAL MATERIALS AND WIRING	TW/ORAL	EE19202	ELECTRICAL MATERIALS AND WIRING	ORAL/PR
EE	3	EE16209	ELECTRICAL MEASUREMENT	Theory	EE19301	ELECTRICAL & INDUSTRIAL MEASUREMENT	Theory
EE	3	EE16210	ELECTRICAL POWER GENERATION	OL Theory	EE19207	ELECTRICAL POWER GENERATION	Theory
EE	3	ME16211	ELEMENTS OF MECHANICAL ENGINEERING	TW		NO EQUIVALENCE	TW
EE	3	HU16104	ENVIRONMENTAL STUDIES	TW/ORAL	HU19102	ENVIRONMENTAL STUDIES	No Theory
EE	4	EE16307	A C MACHINES	Theory	EE19306	A C MACHINES	Theory

BRANCH CODE	SEMESTER NO	OLD COURSE CODE	OLD COURSE NAME	MODE OF EXAM	EQUIVALENCE COURSE CODE	EQUIVALENCE COURSE NAME	MODE OF EXAM IN P19
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EE	4	EE16303	ELECTRICAL TRANSMISSION & DISTRIBUTION	Theory	EE19302	ELECTRICAL TRANSMISSION & DISTRIBUTION	Theory
EE	4	EE16302	INDUSTRIAL MEASUREMENT	Theory	EE19301	ELECTRICAL & INDUSTRIAL MEASUREMENT	Theory
EE	4	EE16301	MAINTENANCE OF DOMESTIC APPLIANCES	TW/ORAL	EE19202	ELECTRICAL MATERIALS AND WIRING	PR/ORAL
EE	4	EE16501	PROFESSIONAL PRACTICES	TW/ORAL	EE19501	ENTREPRENEURSHIP & START-UPS	ORAL
EE	4	EE16402	RENEWABLE ENERGY SOURCES	Theory	EE19207	ELECTRICAL POWER GENERATION	Theory
EE	4	EE16304	UTILIZATION OF ELECTRICAL ENERGY	Theory	EE19305	UTILIZATION OF ELECTRICAL ENERGY	Theory
EE	5	EE16213	COMPUTER AIDED ELECTRICAL DRAWING	ORAL	EE19203	COMPUTER AIDED ELECTRICAL DRAWING	PR
EE	5	EE16305	ELECTRICAL ENERGY CONSERVATION AND AUDIT	Theory	EE19310	ELECTRICAL ENERGY CONSERVATION AND AUDIT	Theory
EE	5	EE16404	ILLUMINATION ENGINEERING	Theory	EE19403	ILLUMINATION ENGINEERING (OPTIONAL)	Theory
EE	5	EE16312	INDUSTRIAL TRAINING I	TW/ORAL	EE19311	IN-PLANT TRAINING	TW/ORAL
EE	5	EE16401	POWER ELECTRONICS AND DRIVES	Theory	EE19401	FUNDAMENTALS OF POWER ELECTRONICS	Theory
EE	5	EE16405	POWER SYSTEM ANALYSIS	Theory		NO EQUIVALENCE	Theory
EE	5	EE16403	PRINCIPLES OF CONTROL SYSTEM	Theory		NO EQUIVALENCE	Theory
EE	5	EE16308	PROJECT AND SEMINAR STAGE I	ORAL	EE19309	PROJECT & PRESENTATION	ORAL
EE	5	EE16306	SWITCH GEAR AND PROTECTION	Theory	EE19307	SWITCH GEAR AND PROTECTION	Theory

BRANCH CODE	SEMESTER NO	OLD COURSE CODE	OLD COURSE NAME	MODE OF EXAM	EQUIVALENCE COURSE CODE	EQUIVALENCE COURSE NAME	MODE OF EXAM IN P19
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EE	6	EE16309	ELECTRICAL ESTIMATION AND COSTING	Theory	EE19304	ELECTRICAL ESTIMATION AND COSTING	Theory
EE	6	MG16502	ENTREPRENEURSHIP DEVELOPMENT	TW/ORAL	EE19501	ENTREPRENEURSHIP & START-UPS	No Theory
EE	6	EE16407	INDUSTRIAL AUTOMATION	Theory	EE19405	INDUSTRIAL AUTOMATION	Theory
EE	6	MG16501	INDUSTRIAL ORGANIZATION AND MANAGEMENT	OLTheory	EE19501	ENTREPRENEURSHIP & START-UPS	PR
EE	6	EE16313	INDUSTRIAL TRAINING-II	TW/ORAL	EE19311	IN-PLANT TRAINING	TW/ORAL
EE	6	EE16408	MICROCONTROLLER AND APPLICATIONS	Theory		NO EQUIVALENCE	Theory
EE	6	EE16310	PROJECT AND SEMINAR-II	TW/ORAL	EE19309	PROJECT & PRESENTATION	TW/ORAL
EE	6	EE16406	SPECIAL MACHINES	Theory	EE19402	SPECIAL MACHINES (OPTIONAL)	Theory
EE	6	EE16311	TESTING AND MAINTENANCE OF ELECTRICAL EQUIPMENTS	Theory	EE19308	TESTING AND MAINTENANCE OF ELECTRICAL EQUIPMENTS	Theory

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(Swati Desphande)  
Principal

All concerned students and departments are required to take a note of it.