

DEPARTMENT OF TECHNICAL EDUCATION

From The Director of Technical Education Directorate of Technical Education Guindy Chennai-600025	To The Principals of Government, Government Aided and Self Financing Polytechnic Colleges
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Letter No: 22636/Y3/CDC/2016 dated 18.8.2016

Sir/Madam

Sub: Technical Education – Curriculum Development Center -
Diploma in Engineering, Technology and Modern Office
Practice – Syllabus under ‘M’ Scheme – Relevant Paper –
Regarding.

Ref: DOTE Letter No. 22639/Y3/CDC/2016 dated: 31.05.2016.

The syllabus for II and III year Diploma in Engineering and Technology and Modern Office Practice has been revised and implemented for the student admitted from the academic year 2015-16 and later entry student admitted from the academic year 2016-2017. In order to secure a pass in the failed subject under ‘L’ Scheme, the corresponding relevant papers of ‘L’ Scheme to ‘M’ Scheme have been enclosed herewith.

All the Principals of Government, Government Aided and Self Financing Polytechnic Colleges are requested to follow this meticulously and the same has to be made available to the concerned HODs, Staff and the students.

End: Annexure (in the next page)

Sd/-
Director of Technical Education

Annexure:



SYLLABUS

ALTERNATE PAPER

Diploma Programme

M – SCHEME

2015 - 2016



**DIRECTORATE OF TECHNICAL EDUCATION
GOVERNMENT OF TAMILNADU**

M Scheme Syllabus 2015 – 2016
Scheme of Examination
LIST OF BRANCHES

S.No	Diploma Programme	Course Code	Code	Page number
1.	First year Engineering (Full Time and Part Time)	1000,3000		4,5
2.	First year DMOP	1081		6
3.	Diploma in Civil Engineering (FT/SW/PT)	1010, 2010, 3010	10	7
4.	Diploma in Architectural Assistantship (FT)	1012	12	15
5.	Diploma in Mechanical Engineering (FT/SW/PT)	1020,2020,3020	20	17
6.	Diploma in Automobile Engineering (FT)	1021	21	23
7.	Diploma in Mechanical Engineering(Machine Tools Maintenance & Repair) [SW]	2022	92	85
8.	Diploma in Metallurgy (FT)	1026	26	27
9.	Diploma in Mechanical Engineering(Tool & Die) (FT)	1220	22	69
10.	Diploma in Production Engineering (FT)	1025	25	25
11.	Diploma in Mechanical Engineering(R & AC) (FT)	1221	24	71
12.	Diploma in Mechanical Engineering (Foundry) [SW]	2021	91	83
13.	Diploma in Marine Engineering (FT)	1027	27	30
14.	Diploma in Agricultural Technology(FT)	1222	23	73
15.	Diploma in Electrical and Electronics Engineering (FT/SW/PT)	1030,2030,3030	30	32
16.	Diploma in Electronics and Communication Engineering (FT/PT)	1040,2040	40	38
17.	Diploma in Electronics (Robotics) (FT) / Mechatronics Engineering (FT/SW)	1049/1047/2047	47	46
18.	Diploma in Instrumentation and Control Engineering (FT)	1042	42	42
19.	Diploma in Computer Engineering (FT)	1052	52	50
20.	Diploma in Computer Networking Engineering (FT)	1053	53	51
21.	Diploma in Information Technology (FT)	1046	46	44
22.	Diploma in Textile Technology (FT/SW)	1060,2060	60	53
23.	Diploma in Textile Processing (FT/SW)	1061,2061	61	55
24.	Diploma in Applied Arts and Crafts(Fashion and Apparel Design) (FT)	1226	65	81

25.	Diploma in Textile Technology(Man made fibre) (FT)	1225	62	79
26.	Diploma in Textile Marketing and Management (FT)	1064	64	57
27.	Diploma in Garment Technology (FT)	1066	66	59
28.	Diploma in Fashion Technology (FT)	1223	78	75
29.	Diploma in Textile Technology(Knitting) (FT)	1068	67	61
30.	Diploma in Apparel Technology (FT)	1069	69	63
31.	Diploma in Textile Technology(Textile Design and Weaving) (FT)	1224	63	77
32.	Diploma in Chemical Engineering (FT/SW)	1076/2079	70	66
33.	Diploma in Petro-Chemical Engineering (FT)	1075	71	65
34.	Diploma in Polymer Technology	2074	75	87
35.	Diploma in Sugar Technology (FT)	1074	74	64
36.	Diploma in Ceramic Technology	2080	80	89
37.	Diploma in Leather Technology	2101	90	91
38.	Diploma in Printing Technology(FT)	1202	82	67
39.	Diploma in Hotel Management	1214	89	93
40.	Diploma in 3D Animation	1054	54	97
41.	Diploma in Modern office practice.	1081	81	100
42.	Diploma in Film Technology			102

First Year Engineering – FT/SW

List of Alternate Subjects for L - Scheme to M – Scheme FIRST SEMESTER – WITH EFFECT FROM OCTOBER 2015

L-SCHEME		M-SCHEME	
Subject code	Name of the Subject	Subject code	Name of Subject
20011	Communication English-I	30011	Communication English-I
20012	Engineering Mathematics-I	30012	Engineering Mathematics-I
20013	Engineering Mathematics-II	30012	Engineering Mathematics-I
20014	Engineering Physics-I	30013	Engineering Physics-I
20015	Engineering Chemistry-I	30014	Engineering Chemistry-I
20016	Engineering Graphics-I	30015	Engineering Graphics-I
20017	Engineering Physics-I Practical	30016	Engineering Physics-I Practical
20018	Engineering Chemistry-I Practical	30017	Engineering Chemistry-I Practical

SECOND SEMESTER – WITH EFFECT FROM APRIL 2016

L-SCHEME		M-SCHEME	
Subject code	Name of the Subject	Subject code	Name of Subject
20021	Communication English-II	30021	Communication English-II
20022	Engineering Mathematics-III	30022	Engineering Mathematics-II
20023	Engineering Mathematics-IV	30023	Applied Mathematics
20024	Engineering Physics-II	30024	Engineering Physics-II
20025	Engineering Chemistry-II	30025	Engineering Chemistry-II
20026	Engineering Graphics-II	30026	Engineering Graphics-II
20027	Engineering Physics-II Practical	30027	Engineering Physics-II Practical
20028	Engineering Chemistry-II Practical	30028	Engineering Chemistry-II Practical
20029	Workshop Practice	30018	Workshop Practice

First Year Engineering – Part Time

List of Alternate Subjects for L - Scheme to M – Scheme FIRST SEMESTER – WITH EFFECT FROM OCTOBER 2015

L-SCHEME		M-SCHEME	
Subject code	Name of the Subject	Subject code	Name of Subject
20011	Communication English-I	30011	Communication English-I
20012	Engineering Mathematics-I	30012	Engineering Mathematics-I
20013	Engineering Mathematics-II	30012	Engineering Mathematics-I
20014	Engineering Physics-I	30013	Engineering Physics-I
20015	Engineering Chemistry-I	30014	Engineering Chemistry-I
20017	Engineering Physics-I Practical	30016	Engineering Physics-I Practical
20018	Engineering Chemistry-I Practical	30017	Engineering Chemistry-I Practical

SECOND SEMESTER – WITH EFFECT FROM APRIL 2016

L-SCHEME		M-SCHEME	
Subject code	Name of the Subject	Subject code	Name of Subject
20021	Communication English-II	30021	Communication English-II
20022	Engineering Mathematics-III	30022	Engineering Mathematics-II
20023	Engineering Mathematics-IV	30023	Applied Mathematics
20024	Engineering Physics-II	30024	Engineering Physics-II
20025	Engineering Chemistry-II	30025	Engineering Chemistry-II
20027	Engineering Physics-II Practical	30027	Engineering Physics-II Practical
20028	Engineering Chemistry-II Practical	30028	Engineering Chemistry-II Practical
20029	Workshop Practice	30018	Workshop Practice

First Year Modern Office Practice

List of Alternate Subjects for L - Scheme to M – Scheme FIRST SEMESTER – WITH EFFECT FROM OCTOBER 2015

L-SCHEME		M-SCHEME	
Subject code	Name of the Subject	Subject code	Name of Subject
20011	Communication English-I	30011	Communication English - I
28112	Principles of Economics	38114	Principles of Economics
28113	Elements of Commerce	38112	Elements of Commerce
28114	Financial Accounting - I	38113	Principles of Accountancy
28115	Basics of Computer and C Programming	38115	Introduction to Computers and Windows Theory
28116	C Programming Lab		No alternate paper
28117	Office Automation Lab-I	38117	Office Automation Lab - I

SECOND SEMESTER – WITH EFFECT FROM APRIL 2016

L-SCHEME		M-SCHEME	
Subject code	Name of the Subject	Subject code	Name of Subject
20021	Communication English-II	30021	Communication English - II
28122	Business Economics		No alternate paper
28123	Business Organisation & Office Management	38122	Business Organisation
28124	Financial Accounting - II	38123	Financial Accounting
28125	Modern Banking	38172	Elective Banking
28126	Office Automation Lab-II	38125	Office Automation Lab - II

1010 DIPLOMA IN CIVIL ENGINEERING (FULL-TIME)

Alternate papers in 'L' and 'M' Scheme

SEM	' L ' Scheme		" M " Scheme (Implementing academic year	
	Sub Code	Subjec t	Sub Code	Subjec t
III w.e.f. OCT'16	21031	Engineering Mechanics	31031	Engineering Mechanics
	21032	Construction Materials and Construction Practice	31032	Construction Materials and Construction Practice
	21033	Surveying I	31033	Surveying I
	21034	Civil Engineering Drawing I	31034	Civil Engineering Drawing I
	21035	Material Testing Lab I	31035	Material Testing Lab I
	21036	Surveying Practice I	31036	Surveying Practice I
	20001	Computer Application Practical**	30001	Computer Application Practical**
IV w.e.f. APR'17	21041	Theory of Structures	31041	Theory of Structures
	21042	Transportation Engineering	31042	Transportation Engineering
	21043	Surveying II	31043	Surveying II
	21044	Estimating and Costing I	31044	Estimating and Costing I
	21045	Material Testing Lab II	31045	Material Testing Lab II
	21046	Surveying Practice II	31046	Surveying Practice II
	21047	CAD in Civil Engineering Drawing I	31047	CAD in Civil Engineering Drawing I

SEM	' L ' Scheme		" M " Scheme (Implementing academic year	
	Sub Code	Subject	Sub Code	Subject
V w.e. f. OCT'17	21051	Structural Engineering	31051	Structural Engineering
	21052	Environmental Engineering and Pollution	31052	Environmental Engineering and Pollution
	Elective Theory I		Elective Theory I	
	21071	Advanced Construction Technology	31071	Advanced Construction Technology
	21072	Remote Sensing and GIS	31072	Remote Sensing and GIS
	21073	Soil Mechanics and Foundation Engineering	31073	Soil Mechanics and Foundation Engineering
	21074	Water Resources Management	31074	Water Resources Management
	21054	Civil Engineering Drawing II	31054	Civil Engineering Drawing II
	21055	Construction Lab Practice	31055	Construction Practice Lab
	21056	CAD In Civil Engineering Drawing II	31056	CAD In Civil Engineering Drawing II
20002	Communication and Life Skills Practical**	30002	Life and Employability Skills Practical**	
VI w.e. f. APR'18	21061	Construction Management with MIS	31061	Construction Management with MIS
	21062	Hydraulics	31062	Hydraulics
	Elective Theory II		Elective Theory II	
	21081	Steel Structures	31081	Steel Structures
	21082	Town Planning	31082	Town Planning
	21083	Earthquake Engineering	31083	Earthquake Engineering
	21084	Building Services	31084	Building Services
	21064	Estimating and Costing II	31064	Estimating and Costing II
	21065	Hydraulics and Plumbing Lab	31065	Hydraulics Lab
21066	Computer Applications In Civil Engineering Practice	31066	Computer Applications In Civil Engineering Practice	
21067	Project Work	31067	Project Work	

2010 – DIPLOMA IN CIVIL ENGINEERING (SANDWICH)
Alternate papers in ‘L’ and ‘M’ Scheme

THIRD SEMESTER [WTH EFFECT FROM OCTOBER 2016]

Subject Code	“ L ” Scheme	“ M ” Scheme	
	SUBJECT	Subject Code	SUBJECT
21031	Engineering Mechanics	31031	Engineering Mechanics
21032	Construction Materials and Construction Practice	31032	Construction Materials and Construction Practice
21033	Surveying I	31033	Surveying I
21042	Transportation Engineering	31042	Transportation Engineering
21034	Civil Engineering Drawing I	31034	Civil Engineering Drawing I
21035	Material Testing Lab I	31035	Material Testing Lab I
21036	Surveying Practice I	31036	Surveying Practice I
20001	Computer Application Practical**	30001	Computer Application Practical**

FOURTH SEMESTER [WTH EFFECT FROM APRIL 2017]

Subject Code	“ L ” Scheme	“ M ” Scheme	
	SUBJECT	Subject Code	SUBJECT
21045	Material Testing Lab II	31045	Material Testing Lab II
21047	CAD in Civil Engineering Drawing I	31047	CAD in Civil Engineering Drawing I
21091	Industrial Training I	31091	Industrial Training I

FIFTH SEMESTER [WTH EFFECT FROM OCTOBER 2017]

Subject Code	“ L ” Scheme	“ M ” Scheme	
	SUBJECT	Subject Code	SUBJECT
21041	Theory of Structures	31041	Theory of Structures
21043	Surveying II	31043	Surveying II
21044	Estimating and Costing I	31044	Estimating and Costing I
21052	Environmental Engineering and Pollution Control	31052	Environmental Engineering and Pollution Control
Elective Theory I			
21071	Advanced Construction Technology	31071	Advanced Construction Technology
21072	Remote Sensing and GIS	31072	Remote Sensing and GIS
21073	Soil Mechanics and Foundation Engineering	31073	Soil Mechanics and Foundation Engineering
21074	Water Resources Management	31074	Water Resources Management
21054	Civil Engineering Drawing II	31054	Civil Engineering Drawing II
21046	Surveying Practice II	31046	Surveying Practice II
21056	CAD In Civil Engineering Drawing II	31056	CAD In Civil Engineering Drawing II

SIXTH SEMESTER [WTH EFFECT FROM APRIL 2018]

Subject Code	“ L ” Scheme	“ M ” Scheme	
	SUBJECT	Subject Code	SUBJECT
21051	Structural Engineering	31051	Structural Engineering
21061	Construction Management with MIS	31061	Construction Management with MIS
21062	Hydraulics	31062	Hydraulics
21064	Estimating and Costing II	31064	Estimating and Costing II
Elective Theory II			
21081	Steel Structures	31081	Steel Structures
21082	Town Planning	31082	Town Planning
21083	Earthquake Engineering	31083	Earthquake Engineering
21084	Building Services	31084	Building Services
21065	Hydraulics and Plumbing Lab	31065	Hydraulics Lab
21066	Computer Applications In Civil Engineering	31066	Computer Applications In Civil Engineering Practice
20002	Communication and Life Skills Practical**	30002	Life and Employability Skills Practical**

SEVENTH SEMESTER [WTH EFFECT FROM OCTOBER 2018]

Subject Code	“ L ” Scheme	“ M ” Scheme	
	SUBJECT	Subject Code	SUBJECT
21055	Construction Practice Lab	31055	Construction Practice Lab
21067	Project Work	31067	Project Work
21092	Industrial Training II	31092	Industrial Training II

3010 DIPLOMA IN CIVIL ENGINEERING (PART-TIME)
Alternate papers in 'L' and 'M' Scheme

THIRD SEMESTER – WITH EFFECT FROM OCTOBER 2016

Subject Code	“ L ” Scheme	“ M ” Scheme	
	SUBJECT	Subject Code	SUBJECT
21031	Engineering Mechanics	31031	Engineering Mechanics
21033	Surveying I	31033	Surveying I
20016	Engineering Graphics I	30015	Engineering Graphics I
21035	Material Testing Lab I	31035	Material Testing Lab I
21036	Surveying Practice I	31036	Surveying Practice I

FOURTH SEMESTER – WITH EFFECT FROM APRIL 2017

Subject Code	“ L ” Scheme	“ M ” Scheme	
	SUBJECT	Subject Code	SUBJECT
21032	Construction Materials and Construction Practice	31032	Construction Materials and Construction Practice
21043	Surveying II	31043	Surveying II
20026	Engineering Graphics II	30026	Engineering Graphics II
21034	Civil Engineering Drawing I	31034	Civil Engineering Drawing I
21046	Surveying Practice II	31046	Surveying Practice II

FIFTH SEMESTER – WITH EFFECT FROM OCTOBER 2017

Subject Code	“ L ” Scheme	“ M ” Scheme	
	SUBJECT	Subject Code	SUBJECT
21041	Theory of Structures	31041	Theory of Structures
21042	Transportation Engineering	31042	Transportation Engineering
21045	Material Testing Lab II	31045	Material Testing Lab II
21047	CAD in Civil Engineering Drawing I	31047	CAD in Civil Engineering Drawing I
20001	Computer Application Practical**	30001	Computer Application Practical**

SIXTH SEMESTER – WITH EFFECT FROM APRIL 2018

Subject Code	“ L ” Scheme	“ M ” Scheme	
	SUBJECT	Subject Code	SUBJECT
21044	Estimating and Costing I	31044	Estimating and Costing I
21051	Structural Engineering	31051	Structural Engineering
Elective Theory I			
21071	Advanced Construction Technology	31071	Advanced Construction Technology
21072	Remote Sensing and GIS	31072	Remote Sensing and GIS
21073	Soil Mechanics and Foundation Engineering	31073	Soil Mechanics and Foundation Engineering
21074	Water Resources Management	31074	Water Resources Management
21054	Civil Engineering Drawing II	31054	Civil Engineering Drawing II
21055	Construction Practice Lab	31055	Construction Practice Lab

SEVENTH SEMESTER – WITH EFFECT FROM OCTOBER 2018

Subject Code	“ L ” Scheme	“ M ” Scheme	
	SUBJECT	Subject Code	SUBJECT
21052	Environmental Engineering and Pollution Control	31052	Environmental Engineering and Pollution Control
	Elective Theory II		
21081	Steel Structures	31081	Steel Structures
21082	Town Planning	31082	Town Planning
21083	Earthquake Engineering	31083	Earthquake Engineering
21084	Building Services	31084	Building Services
21056	CAD In Civil Engineering Drawing II	31056	CAD In Civil Engineering Drawing II
21066	Computer Applications In Civil Engineering	31066	Computer Applications In Civil Engineering Practice
20002	Communication and Life Skills Practical**	30002	Life and Employability Skills Practical**

EIGHTH SEMESTER – WITH EFFECT FROM APRIL 2019

Subject Code	“ L ” Scheme	“ M ” Scheme	
	SUBJECT	Subject Code	SUBJECT
21061	Construction Management with MIS	31061	Construction Management with MIS
21062	Hydraulics	31062	Hydraulics
21064	Estimating and Costing II	31064	Estimating and Costing II
21065	Hydraulics and Plumbing Lab	31065	Hydraulics Lab
21067	Project Work	31067	Project Work

**1012 - DIPLOMA IN ARCHITECTURAL ASSISTANTSHIP
ALTERNATE PAPER (“L” SCHEME TO THE “M” SCHEME)
THIRD SEMESTER – WITH EFFECT FROM OCTOBER 2016**

L-SCHEME		M-SCHEME	
Subject code	Name of the Subject	Subject code	Name of Subject
21231	Building Materials	31231	Building Materials
21232	Theory of Architecture	31232	Theory of Architecture
21233	History of Architecture-I	31233	History of Architecture
21234	Building Construction & Detailing-I	31234	Building Construction and Detailing- I
21235	Architectural Drawing-I	31235	Architectural Drawing-I
21236	Basic design	31236	Basic Design
20001	Computer applications practical	30001	Computer Applications practical

FOURTH SEMESTER – WITH EFFECT FROM APRIL 2017

L-SCHEME		M-SCHEME	
Subject code	Name of the Subject	Subject code	Name of Subject
21241	Mechanics of structures	31241	Mechanics of Structures
21242	Survey Theory	31242	Survey theory
21243	History of Architecture-II	31243	History of Architecture-II
21244	Building Services-I	31244	Building Services-I
21245	Building Construction & Detailing-II	31245	Building Construction and Detailing- II
21246	Architectural Drawing-II	31246	Architectural Drawing-II
21247	Architectural Design Studio-I	31247	Architectural Design Studio-I

FIFTH SEMESTER – WITH EFFECT FROM OCTOBER 2017

L-SCHEME		M-SCHEME	
Subject code	Name of the Subject	Subject code	Name of Subject
21251	Quantity Surveying & Costing	31251	Estimating and Costing
21252	Environmental Engineering	31252	Environmental Engineering
21253	Building Services-II	31253	Building Services-II
21254	Landscape design and detailing	31281	Landscape design and detailing [W.E.F.APR '18]
21255	Computer Applications in Architecture –I	31255	Computer Application in Architecture –I
21256	Architectural Design Studio-II	31256	Architectural Design Studio-II
20002	Communication and Life Skill Practical	30002	Life and Employability Skill Practical

SIXTH SEMESTER – WITH EFFECT FROM APRIL 2018

L-SCHEME		M-SCHEME	
Subject code	Name of the Subject	Subject code	Name of Subject
21261	Structural Design	31261	Structural Design
21262	Professional Practice and Management	31262	Professional Practice and Management
Elective - II Theory			
21281	Elements of Interior Design	31254	Elements of Interior Design
21282	Town Planning	31282	Town Planning
21283	Climatology	31283	Climatology
21264	Structural Detailing & Drawing	31264	Structural Detailing & Drawing
21265	Building Construction & Detailing-III		No Alternate
21266	Computer Applications in Architecture –II	31266	Computer Applications in Architecture –II
21267	Project Work	31267	Project Work

1020 - Diploma in Mechanical Engineering – Full Time

List of Alternate Subjects for L - Scheme to M – Scheme

THIRD SEMESTER – WITH EFFECT FROM OCTOBER 2016

L-SCHEME		M-SCHEME	
Subject code	Name of the Subject	Subject code	Name of Subject
22031	Strength of Materials	32031	Strength of Materials
22032	Fluid Mechanics & Fluid Power	32043	Fluid Mechanics and Fluid Power [W.E.F. APR '17]
22033	Renewable Energy Sources	32073	Renewable Energy Sources and Energy Conservation [W.E.F. OCT '17]
22034	Machine Drawing	32033	Machine Drawing
22035	Mechanical Testing & Quality Control Practical	32045	Strength of Materials and Fluid Mechanics Practical[W.E.F. APR '17]
22036	Fluid Power Practical	32045	Strength of Materials and Fluid Mechanics Practical[W.E.F. APR '17]
20001	Computer Applications Practical	32034	Computer Applications and CAD Practical

FOURTH SEMESTER – WITH EFFECT FROM APRIL 2017

L-SCHEME		M-SCHEME	
Subject code	Name of the Subject	Subject code	Name of Subject
22041	Manufacturing Technology – I	32032	Manufacturing Processes
22042	Thermal Engineering – I	32041	Heat Power Engineering
22043	Electrical Drives & Control	32044	Electrical Drives & Control
22044	Computer Aided Machine Drawing Practical	32034	Computer Applications and CAD Practical
22045	Manufacturing Technology – I Practical	32036	Lathe and Drilling Practical
22046	Metrology & Measurement and Machine Tool Testing Practical	32065	Machine Tool Testing and Maintenance Practical [W.E.F. APR '18]
22047	Electrical Drives & Control Practical	32047	Electrical Drives & Control Practical

FIFTH SEMESTER – WITH EFFECT FROM OCTOBER 2017

L-SCHEME		M-SCHEME	
Subject code	Name of the Subject	Subject code	Name of Subject
22051	Thermal Engineering – II	32052	Thermal and Automobile Engineering
22052	Manufacturing Technology – II	32042	Special Machines
Elective - I Theory			
22071	Total Quality Management	32071	Total Quality Management
22072	Modern Machining Processes	32042	Special Machines
22073	Power Plant Engineering	32052	Thermal and Automobile Engineering
22054	Design of Machine Elements	32051	Design of Machine Elements
22055	Thermal Engineering Practical	32056	Thermal and Automobile Engineering Practical
22056	Manufacturing Technology – II Practical	32046	Special Machines Practice
20002	Communication and Life Skills Practical **	30002	Life and Employability Skills Practical **

SIXTH SEMESTER – WITH EFFECT FROM APRIL 2018

L-SCHEME		M-SCHEME	
Subject code	Name of the Subject	Subject code	Name of Subject
22061	Industrial Engineering and Management	32061	Industrial Engineering and Management
22062	Computer Integrated Manufacturing	32062	Computer Aided Design and Manufacturing
Elective - II Theory			
22081	Automobile Engineering	32052	Thermal and Automobile Engineering
22082	Robotics	32082	Robotics
22083	Refrigeration and Air-conditioning	32083	Refrigeration and Air-conditioning
22084	Proto-Typing in Product Design		No Alternate
22064	Computer Integrated Manufacturing Practical	32064	Computer Aided Design and Manufacturing Practical
22065	Process Automation Practical	32055	Process Automation Practical
Elective - II Practical			
22085	Automobile Engineering Practical	32056	Thermal and Automobile Engineering Practical
22086	Robotics Practical	32085	Robotics Practical
22087	Refrigeration and Air-conditioning Practical	32086	Refrigeration and Air-conditioning Practical
22088	Rapid Proto-Typing Practical		No Alternate
22067	Project Work	32067	Project Work

ALTERNATE PAPERS
2020- DIPLOMA IN MECHANICAL ENGINEERING(SANDWICH)(2020)
THIRD SEMESTER - WITH EFFECT FROM OCTOBER 2016

L - SCHEME		M - SCHEME	
Subject Code	Subject	Subject Code	Subject
22031	Strength of Materials	32031	Strength of Materials
22032	Fluid Mechanics & Fluid Power	32043	Fluid Mechanics and Fluid Power
22033	Renewable Energy Sources	32073	Renewable Energy Sources and Energy Conservation[W.E.F. OCT '17)
22034	Machine Drawing	32033	Machine Drawing
22035	Mechanical Testing & Quality Control Practical	32045	Strength of Materials and Fluid Mechanics Practical
22036	Fluid Power Practical	32045	Strength of Materials and Fluid Mechanics Practical
20001	Computer Applications Practical	32034	Computer Applications and CAD Practical

FOURTH SEMESTER - WITH EFFECT FROM APRIL 2017

L - SCHEME		M - SCHEME	
Subject Code	Subject	Subject Code	Subject
22041	Manufacturing Technology – I*	32032	Manufacturing Processes
22045	Manufacturing Technology – I Practical*	32036	Lathe and Drilling Practice
22091	Industrial Training I(Report Writing & Viva voce)	32091	Industrial Training – I

* To be completed during Industrial training

FIFTH SEMESTER - WITH EFFECT FROM OCTOBER 2017

Subject Code	Subject	Subject Code	Subject
22042	Thermal Engineering – I	32041	Heat Power Engineering
22043	Electrical Drives & Control	32044	Electrical Drives & Control
22051	Thermal Engineering – II	32052	Thermal and Automobile Engineering [W.E.F. APR '18]
22054	Design of Machine Elements	32051	Design of Machine Elements [W.E.F. APR '18]
22044	Computer Aided Machine Drawing Practical	32034	Computer Applications and CAD Practical
22046	Metrology & Measurement and Machine Tool Testing Practical	32065	Machine Tool Testing and Maintenance Practical [W.E.F. OCT '18]
22047	Electrical Drives & Control Practical	32047	Electrical Drives & Control Practical
22055	Thermal Engineering Practical	32056	Thermal and Automobile Engineering Practical [W.E.F. APR '18]

SIXTH SEMESTER - WITH EFFECT FROM APRIL 2018

Subject Code	Subject	Subject Code	Subject
22052	Manufacturing Technology – II	32042	Special Machines
Elective -I Theory			
22071	Total Quality Management	32071	Total Quality Management
22072	Modern Machining Processes	32042	Special Machines
22073	Power Plant Engineering	32052	Thermal and Automobile Engineering
22061	Industrial Engineering and Management	32061	Industrial Engineering and Management
22062	Computer Integrated Manufacturing	32062	Computer Aided Design and Manufacturing
22056	Manufacturing Technology – II Practical	32046	Special Machines Practical
22064	Computer Integrated Manufacturing Practical	32064	Computer Aided Design and Manufacturing Practical
22065	Process Automation Practical	32055	Process Automation Practical
20002	Communication & Life Skills Practical **	30002	Life and Employability Skills Practical **

** Common to all Diploma Courses

SEVENTH SEMESTER - WITH EFFECT FROM OCTOBER 2018

Subject Code	Subject	Subject Code	Subject
Elective - II Theory*			
22081	Automobile Engineering	32052	Thermal and Automobile Engineering
22082	Robotics	32082	Robotics
22083	Refrigeration and Air-conditioning	32083	Refrigeration and Air-conditioning
22084	Proto-Typing in Product Design		No Alternate
Elective - II Practical*			
22085	Automobile Engineering Practical	32056	Thermal and Automobile Engineering Practical
22086	Robotics Practical	32085	Robotics Practical
22087	Refrigeration and Air-conditioning Practical	32086	Refrigeration and Air-conditioning Practical
22088	Rapid Proto-Typing Practical		No Alternate
22067	Project Work*	32067	Project Work
22092	Industrial Training II (Report Writing & Viva voce)	32092	Industrial Training – II

* To be completed during Industrial training

3020 - DIPLOMA IN MECHANICAL ENGINEERING (PART TIME)(3020)
ALTERNATE PAPERS

THIRD SEMESTER – WITH EFFECT FROM OCTOBER 2016

Subject Code	Subject	Subject Code	Subject
22031	Strength of Materials	32031	Strength of Materials
22032	Fluid Mechanics & Fluid Power	32043	Fluid Mechanics and Fluid Power[W.E.F. OCT '17]
20016	Engineering Graphics-I	30015	Engineering Graphics-I
22036	Fluid Power Practical	32045	Strength of Materials and Fluid Mechanics Practical [W.E.F. OCT '17]
20001	Computer Applications Practical	32034	Computer Applications and CAD Practical

FOURTH SEMESTER – WITH EFFECT FROM APRIL 2017

Subject Code	Subject	Subject Code	Subject
22033	Renewable Energy Sources	32073	Renewable Energy Sources and Energy Conservation [W.E.F. OCT '18]
22034	Machine Drawing	32033	Machine Drawing [W.E.F. OCT '17]
22042	Thermal Engineering-I	32041	Heat Power Engineering
20026	Engineering Graphics-II	30026	Engineering Graphics-II
22035	Mechanical Testing & Quality control Practical	32045	Strength of Materials and Fluid Mechanics Practical [W.E.F. OCT '17]

FIFTH SEMESTER – WITH EFFECT FROM OCTOBER 2017

Subject Code	Subject	Subject Code	Subject
22041	Manufacturing Technology-I	32032	Manufacturing Processes
22043	Electrical Drives & Control	32044	Electrical Drives & Control
22044	Computer Aided Machine Drawing Practical	32034	Computer Applications and CAD Practical
22045	Manufacturing Technology-I Practical	32036	Lathe and Drilling Practice
22047	Electrical Drives & Control Practical	32047	Electrical Drives & Control Practical

SIXTH SEMESTER – WITH EFFECT FROM APRIL 2018

Subject Code	Subject	Subject Code	Subject
22051	Thermal Engineering-II	32052	Thermal and Automobile Engineering
22052	Manufacturing Technology-II	32042	Special Machines
22046	Metrology & Measurement and Machine tool Testing Practical	32065	Machine Tool Testing and Maintenance Practical
22055	Thermal Engineering Practical	32056	Thermal and Automobile Engineering Practical
22056	Manufacturing Technology – II Practical	32046	Special Machines Practice

SEVENTH SEMESTER – WITH EFFECT FROM OCTOBER 2018

Subject Code	Subject	Subject Code	Subject
Elective-I Theory		Elective-I Theory	
22071	Total Quality Management	32071	Total Quality Management
22072	Modern Machining Processes	32042	Special Machines
22073	Power Plant Engineering	32052	Thermal and Automobile Engineering
22054	Design of Machine Elements	32051	Design of Machine Elements
22062	Computer Integrated Manufacturing	32062	Computer Aided Design and Manufacturing
22064	Computer Integrated manufacturing Practical	32064	Computer Aided Design and Manufacturing Practical
20002	Communication & Life Skills Practical **	30002	Life and Employability Skills Practical **

** Common to all Diploma Courses

EIGHTH SEMESTER - WITH EFFECT FROM APRIL 2019

Subject Code	Subject	Subject Code	Subject
22061	Industrial Engineering and Management	32061	Industrial Engineering and Management
Elective-II Theory		Elective II Theory	
22081	Automobile Engineering	32052	Thermal and Automobile Engineering
22082	Robotics	32082	Robotics
22083	Refrigeration and Air-conditioning	32083	Refrigeration and Air-conditioning
22084	Proto-Typing in Product Design		No Alternate
22065	Process Automation Lab	32055	Process Automation Practical
Elective-II Practical		Elective-II Practical	
22085	Automobile Engineering Practical	32056	Thermal and Automobile Engineering Practical
22086	Robotics Practical	32085	Robotics Practical
22087	Refrigeration and Air-conditioning Practical	32086	Refrigeration and Air-conditioning Practical
22088	Rapid Proto-Typing Practical		No Alternate
22067	Project Work	32067	Project Work

**1021 -Diploma in Automobile Engineering
M – Scheme (With effect from 2015-2016)
List of Alternate Subjects for L - Scheme to M – Scheme**

III Semester – W.E.F OCT ‘16

Subject Code	L SCHEME	Subject Code	M SCHEME
22031	Strength of Materials	32031	Strength of Materials**
22132	Automobile Engines	32143	Automobile Engines [W.E.F AP ‘ 17]
22133	Automobile Chassis and Transmission	32153	Automobile Chassis and Transmission [W.E.F. OC ‘17]
22034	Machine Drawing	32033	Machine Drawing**
22035	Mechanical Testing & Quality Control Practical	32137	Strength of Materials and Metrology Practical
22136	Automobile Chassis and Transmission Practical	32156	Automobile Chassis and Transmission Practical [W.E.F. OC ‘17]
20001	Computer Application Practical	32034	Computer Applications and CAD Practical**

** Common to Diploma Mechanical Engineering

\$ Common to all Diploma Courses

IV Semester – W.E.F APR ‘17

Subject Code	L SCHEME	Subject Code	M SCHEME
22041	Manufacturing Technology – I	32032	Manufacturing Processes**
22142	Heat Power Engineering	32141	Thermal Engineering
22143	Industrial Automation	32152	Industrial Automation[W.E.F. OCT ‘17]
22044	Computer Aided Machine Drawing Practical	32034	Computer Applications and CAD Practical**
22045	Manufacturing Technology – I Practical	32036	Lathe and Drilling Practical**
22146	Heat Power Engineering Practical	32145	Thermal Engineering and IC Engines Practical
22147	Industrial Automation Practical	32055	Process Automation Practical**[W.E.F. ‘OCT 17]

** Common to Diploma Mechanical Engineering

\$ Common to all Diploma Courses

V Semester – W.E.F OCT '17

Subject Code	L SCHEME	Subject Code	M SCHEME
22151	Industrial Management and Road Transport Organization	32151	Industrial Management and Road Transport organization
22052	Manufacturing Technology – II	32042	Special Machines**
22153	Autotronics	32144	Autotronics
22171	<u>Elective – I Theory</u> Alternate fuels and Energy systems	32172	Alternative fuels and Energy Systems
22172	Automobile Maintenance	32173	Automobile Maintenance & Emission Control
22173	Industrial Robotics	--	NO ALTERNATE
22155	Autotronics Practical	32147	Autotronics Practical
22056	Manufacturing Technology–II Practical	32046	Special Machines Practical**
20002	Communication and Life Skills Practical	30002	Life and Employability Skills Practical \$

** Common to Diploma Mechanical Engineering

\$ Common to all Diploma Courses

VI Semester – W.E.F APR '18

Subject Code	L SCHEME	Subject Code	M SCHEME
22161	Body Building Engineering.	32161	Automobile Body Building Engineering
22062	Computer Integrated Manufacturing	32062	Computer Aided Design and Manufacturing**
22181	<u>Elective – II Theory</u> Two and Three Wheeler Technology	32181	Two and Three Wheeler Technology
22182	Tractor and Farm Equipments	32182	Tractor and Farm Equipments
22183	Aeronautics Engineering		NO ALTERNATE
22064	Computer Integrated Manufacturing Practical	32064	Computer Aided Design and Manufacturing Practical**
22165	Automobile Workshop Practical	32165	Automobile Workshop Practical
22184	<u>Elective - II Practical</u> Two and Three Wheeler Technology Practical	32184	<u>Elective - II Practical</u> Two and Three Wheeler Technology Practical
22185	Tractor and Farm Equipments Practical	32185	Tractor and Farm Equipments Practical
22186	Aeronautics Engineering Practical		NO ALTERNATE
22167	Project Work	32167	Project Work

** Common to Diploma Mechanical Engineering

1025 - Diploma in Production Engineering

List of Alternate Subjects for L - Scheme to M – Scheme

THIRD SEMESTER - W.E.F OC '16

L-SCHEME		M-SCHEME	
Subject code	Name of the Subject	Subject code	Name of Subject
22031	Strength of Materials*	32031	Strength of Materials*
22032	Fluid Mechanics & Fluid Power*	32043	Fluid Mechanics and Fluid Power* [W.E.F. APR '17]
22533	Engineering Metallurgy	32541	Engineering Metallurgy [W.E.F. APR '17]
22034	Machine Drawing*	32033	Machine Drawing*
22035	Mechanical Testing & Quality Control Practical*	32045	Strength of Materials and Fluid Mechanics Practical*[W.E.F. APR '17]
22036	Fluid Power Practical*	32045	Strength of Materials and Fluid Mechanics Practical* W.E.F. APR '17]
20001	Computer Applications Practical*	32034	Computer Applications and CAD Practical *

FOURTH SEMESTER – W.E.F. AP '17

L-SCHEME		M-SCHEME	
Subject code	Name of the Subject	Subject code	Name of Subject
22041	Manufacturing Technology – I*	32032	Manufacturing Processes*
22142	Heat Power Engineering ***	32141	Thermal Engineering***
22043	Electrical Drives & Control*	32044	Electrical Drives & Control*
22044	Computer Aided Machine Drawing Practical*	32034	Computer Applications and CAD Practical *
22045	Manufacturing Technology – I Practical*	32036	Lathe and Drilling Practical*
22146	Heat Power Engineering Practical***	32145	Thermal Engineering and IC Engines Practical***
22047	Electrical Drives & Control Practical	32047	Electrical Drives & Control Practical

FIFTH SEMESTER – W.E.F. OC '17

L-SCHEME		M-SCHEME	
Subject code	Name of the Subject	Subject code	Name of Subject
22061	Industrial Engineering and Management*	32061	Industrial Engineering and Management*[W.E.F. APR '18]
22052	Manufacturing Technology – II*	32042	Special Machines*
Elective - I Theory			
22571	SPC & Total Quality Management	32071	Total Quality Management*
22072	Modern Machining Processes*	32572	Modern Machining Processes
22573	Industrial Robotics	32573	Industrial Robotics
22054	Design of Machine Elements*	32051	Design of Machine Elements*
22555	Metrology And Machine Tool Testing Practical	32555	Metrology And Machine Tool Testing Practical
22056	Manufacturing Technology – II Practical*	32046	Special Machines Practical*
20002	Communication and Life Skills Practical **	30002	Life and Employability Skills Practical **

SIXTH SEMESTER – W.E.F. AP '18

L-SCHEME		M-SCHEME	
Subject code	Name of the Subject	Subject code	Name of Subject
22561	Advanced Manufacturing Processes	-	No Alternate
22062	Computer Integrated Manufacturing	32062	Computer Aided Design and Manufacturing
Elective - II Theory			
22581	Tool Design	32581	Tool Design
22582	Mechatronics	32582	Mechatronics
22583	Oil Hydraulics and Pneumatics	32583	Oil Hydraulics and Pneumatics
22083	Refrigeration and Air Conditioning	32083	Refrigeration and Air Conditioning
22064	Computer Integrated Manufacturing Practical	32064	Computer Aided Design and Manufacturing Practical
22065	Process Automation Practical	32055	Process Automation Practical
Elective - II Practical			
22585	Tool Design Practical	32585	Tool Design Practical
22586	Mechatronics Practical	32586	Mechatronics Practical
22587	Oil Hydraulics and Pneumatics Practical	32587	Oil Hydraulics and Pneumatics Practical
22087	Refrigeration and Air-conditioning Practical	32086	Refrigeration and Air-conditioning Practical
22567	Project Work	32567	Project Work

*COMMON WITH MECHANICAL ENGINEERING

**COMMON FOR ALL BRANCHES

***COMMON WITH AUTOMOBILE ENGINEERING

1026 - Diploma in Metallurgy

(With effect from 2015-2016)

List of Alternate Subjects of L-Scheme to M Scheme

III SEMESTER W. E. F OCT '16

L - SCHEME

M - SCHEME

Sl. No	Subjects Code	Name of Subject	Subject code	Name of Subject
1	22631	Elements of Physical Metallurgy	32631	Elements of Physical Metallurgy
2	22632	Iron Making	32632	Production of Iron
3	22633	Allied Engineering	32633	Allied Engineering
4	22634	Metallography Practical	32634	Metallography Practical
5	22635	Fuels Testing & Met Analysis Practical	32635	Fuels Testing & Metallurgical Analysis Practical
6	22045	Manufacturing Technology - I Practical *	32036	Lathe and Drilling Practical
7	20001	Computer Applications Practical **	30001	Computer Applications Practical **

IV SEMESTER – W.E.F APR '17

L - SCHEME

M - SCHEME

Sl. No	Subjects Code	Name of Subject	Subject code	Name of Subject
1	22641	Heat Treatment of Metals and Alloys	32641	Heat Treatment of Metals and Alloys
2	22642	Non-Ferrous Extractive Metallurgy	32642	Non-Ferrous Extractive Metallurgy
3	22643	Metal Joining	32643	Metal Joining
4	22644	Steel Making	32644	Production of Steel
5	22044	Computer Aided Machine Drawing Practical*	32034	Computer Applications and CAD Practical*
6	22646	Heat Treatment Practical	32646	Heat Treatment Practical
7	22647	Welding Practical	32666	Welding Practical [W. E. F. AP '18]

V SEMESTER – W.E.F OCT '17

L - SCHEME

M - SCHEME

Sl. No	Subjects Code	Name of Subject	Subject code	Name of Subject
1	22651	Mechanical Metallurgy	32651	Mechanical Metallurgy
2	22062	Computer Integrated Manufacturing *	32062	Computer Aided Design and Manufacturing [W. E. F. AP '18]*
3	22653	Metal Casting	32653	Metal Casting
4	22654	Non Destructive Testing	32671	Non Destructive Testing
5	22064	Computer Integrated Manufacturing Practical *	32064	Computer Aided Design and Manufacturing Practical [W. E. F. AP '18]*
6	22657	Metal Casting Practical	32656	Metal Casting Practical
7	20002	Communication & Life Skills Practical **	30002	Life & Employability Skills Practical **

VI SEMESTER - W. E. F. APR '18

L - SCHEME

M - SCHEME

Sl. No	Subjects Code	Name of Subject	Subject code	Name of Subject
1	22061	Industrial Engineering & Management *	32061	Industrial Engineering and Management *
2	22662	Powder Metallurgy	32662	Powder Metallurgy
Elective Theory				
3	22681	Selection of Materials	32681	Selection of Materials
	22682	Materials Technology	32682	Materials Technology
4	22664	Non Destructive Testing Practical	32664	Non Destructive Testing Practical
Elective Practical				
5	22683	Metal Testing Practical	32683	Metal Testing Practical
	22684	Corrosion & Powder Metallurgy Practical	32684	Corrosion & Powder Metallurgy Practical
6	22666	Foundry Practical	32636	Foundry Practical
7	22667	Project work	32667	Project work

*** COMMON WITH MECHANICAL ENGINEERING**

****COMMON FOR ALL BRANCHES**

1027 - Diploma in Marine Engineering M-Scheme

List of Alternate Subjects of L-Scheme

III Semester – W.E.F. OCT '16

L-SCHEME			M-SCHEME	
Sl.No.	Subject code	Name of the Subject	Subject code	Name of Subject
1.	22731	Strength of Materials and Fluid Mechanics	32731	Marine Strength of Materials and Fluid Mechanics
2.	22732	Workshop Technology I	32732	Marine Workshop Technology - I
3.	22733	Ship Construction Technology	32733	Ship Construction Technology
4.	22734	Strength of Materials and Fluid Mechanics Practical	32734	Marine Strength of Materials and Fluid Mechanics Practical
5.	22735	Workshop Technology - I Practical	32735	Marine Workshop Technology - I Practical
6.	22736	Ship Construction Practical	32736	Ship Construction Technology Practical
7.	20001	Computer Applications Practical**	30001	Computer Applications Practical**

IV Semester – W.E.F. APR '17

L-SCHEME			M-SCHEME	
Sl.No.	Subject code	Name of the Subject	Subject code	Name of Subject
1.	22741	Workshop Technology II	32741	Marine Workshop Technology – II
2.	22742	Personal Safety and Social Responsibilities	32742	Personal Safety and Social Responsibilities
3.	22043	Electrical Drives & Control*	32044	Electrical Drives & Control*
4.	22744	Marine Engineering Drawing	32743	Marine Engineering Drawing
5.	22745	Workshop Technology II Practical	32745	Marine Workshop Technology - II Practical
6.	22746	Computer Aided Marine Engineering Drawing Practical	32746	Computer Aided Marine Engineering Drawing Practical
7.	22047	Electrical Drives & Control Practical*	32047	Electrical Drives & Control Practical*

V Semester W.E.F. OCT '17

L-SCHEME			M-SCHEME	
Sl.No.	Subject code	Name of the Subject	Subject code	Name of Subject
1.	22751	Thermodynamics	32751	Marine Thermodynamics
2.	22752	Marine Diesel Engine and Power Plant	32752	Marine Diesel Engine and Power Plant
3.	22771	Personal Survival Techniques Elective Theory - I	32781	Personal Survival Techniques Elective Theory – II [W.E.F. APR '18]
4.	22772	Seamanship and Life saving appliances Elective Theory - I	32772	Seamanship and Life Saving Appliances Elective Theory - I
5.	22754	Naval Architecture	32753	Naval Architecture
6.	22755	Marine Diesel Engine and Power Plant Practical	32755	Marine Diesel Engine and Power Plant Practical
7.	22773	Personal Survival Techniques Practical Elective Practical - I	32785	Personal Survival Techniques Practical Elective Practical – II [W.E.F. APR '18]
8.	22774	Seamanship and Life saving appliances Practical Elective Practical - I	32776	Seamanship and Life Saving Appliances Practical Elective Practical - I
9.	20002	Communication and Life Skills Practical **	30002	Life and Employability Skill Practical**

VI Semester – W.E.F. APR '18

L-SCHEME			M-SCHEME	
Sl.No.	Subject code	Name of the Subject	Subject code	Name of Subject
1.	22761	Elementary First Aid and Fire Fighting	32761	Elementary First Aid and Fire Fighting
2.	22762	Marine Auxiliary Machinery	32762	Marine Auxiliary Machinery
3.	22781	Navigation and Oceanography Elective Theory - II	32771	Navigation and Oceanography Elective Theory - I
4.	22782	Rule of The Road Elective Theory - II	32782	Rule of The Road Elective Theory - II
5.	22764	Elementary First Aid and Fire Fighting Practical	32764	Elementary First Aid and Fire Fighting Practical
6.	22765	Marine Auxiliary Machinery Practical	32765	Marine Auxiliary Machinery Practical
7.	22783	Navigation and Meteorology Practical Elective Practical – II	32775	Navigation and Meteorology Practical Elective Practical – I
8.	22784	Rule of the Road Practical Elective Practical – II	32786	Rule of the Road Practical Elective Practical – II
9.	22767	Project Work	32767	Project Work

**1030 - DIPLOMA IN ELECTRICAL AND ELECTRONICS ENGINEERING
ALTERNATE SUBJECTS FOR THE L - SCHEME TO THE M – SCHEME**

Subject Code	Subject	Subject Code	Subject
III SEMESTER W.E.F. OCT '16			
23031	Electrical Circuit Theory	33031	Electrical Circuit Theory
23032	Electrical Machines - I	33032	Electrical Machines-I
24031	Electronic Devices and Circuits	34031	Electronic Devices and Circuits
23034	Electrical Circuits and Machines Practical	33034	Electrical Circuits and Machines Practical
24034	Electronic Devices and Circuits Practical	34034	Electronic Devices and Circuits Practical
23036	Work Shop Practical	No Alternate Subject	
20001	Computer Applications Practical	30001	Computer Applications Practical
IV SEMESTER W.E.F. APR '17			
23041	Electrical Machines - II	33041	Electrical Machines - II
23042	Measurements and Instruments	33042	Measurements and Instruments
24043	Digital Electronics	34043	Digital Electronics
23044	Transducers and Signal Conditioners	33044	Transducers and Signal Conditioners
23045	Electrical Machines and Instrumentation Practical	33045	Electrical Machines and Instrumentation Practical
24045	Digital Electronics & Linear Integrated Circuits Practical	34046	Integrated Circuits Practical
20002	Communication and Life Skill Practice	30002	Life and Employability Skill Practical
V SEMESTER W.E.F. OCT '17			
23051	Power System – I	33051	Generation Transmission and Switchgear
24052	Micro Controller	34052	Micro Controller
23053	Special Electrical Machines	No Alternate Subject	
23055	Electrical Circuits Simulation Practical	33065	Electrical Circuits Simulation Practical (VI Semester)[W.E.F. APR '18]
24055	Micro Controller Practical	34056	Micro Controller Practical

ELECTIVE THEORY – I		ELECTIVE THEORY – I	
23071	Control of Electrical Machines	33071	Control of Electrical Machines
23072	Programmable Logic Controller	33072	Programmable Logic Controller
23073	Electrical Machine Design	33073	Electrical Machine Design
ELECTIVE PRACTICAL – I		ELECTIVE PRACTICAL – I	
23074	Control of Electrical Machines Practical	33074	Control of Electrical Machines Practical
23075	Programmable Logic Controller Practical	33075	Programmable Logic Controller Practical
23076	Electrical Machine Design Practical	33076	Electrical Machine Design Practical
VI SEMESTER W.E.F. APR '18			
23061	Power System – II	33061	Distribution and Utilization
23062	Electrical Estimation and Energy Auditing	33053	Electrical Estimation and Energy Auditing (V Semester)
23064	Wiring and Winding Practical	33064	Wiring and Winding Practical
23065	Computer Aided Electrical Drawing Practical	33055	Computer Aided Electrical Drawing Practical (V Semester)
23067	Project Work	33067	Project Work
ELECTIVE THEORY – II		ELECTIVE THEORY – II	
23081	Power Electronics	33081	Power Electronics
23082	Bio-Medical Instrumentation	34082	Bio-Medical Instrumentation
24682	Computer Hardware and Networks	34682	Computer Hardware and Networks
ELECTIVE PRACTICAL – II		ELECTIVE PRACTICAL – II	
23084	Power Electronics Practical	33084	Power Electronics Practical
23085	Bio – Medical Instrumentation Practical	33085	Bio-Medical Instrumentation Practical
24684	Computer Hardware and Networks Practical	34684	Computer Hardware and Networks Practical

**2030 - DIPLOMA IN ELECTRICAL AND ELECTRONICS ENGINEERING
ALTERNATE SUBJECTS FOR THE L - SCHEME TO THE M – SCHEME(Sandwich)**

Subject Code	Subject	Subject Code	Subject
III SEMESTER WITH EFFECT FROM OCT '16			
23031	Electrical Circuit Theory	33031	Electrical Circuit Theory
23032	Electrical Machines - I	33032	Electrical Machines-I
24031	Electronic Devices and Circuits *	34031	Electronic Devices and Circuits *
23042	Measurements and Instruments	33042	Measurements and Instruments
23034	Electrical Circuits and Machines Practical	33034	Electrical Circuits and Machines Practical
24034	Electronic Devices and Circuits Practical	34034	Electronic Devices and Circuits Practical
23036	Work Shop Practical	No Alternate Subject	
20001	Computer Applications Practical	30001	Computer Applications Practical
IV SEMESTER WITH EFFECT FROM APR '17			
23041	Electrical Machines - II	33041	Electrical Machines - II
23045	Electrical Machines and Instrumentation Practical	33045	Electrical Machines and Instrumentation Practical
20002	Communication and Life Skill Practice	30002	Life and Employability Skill Practical
V SEMESTER WITH EFFECT FROM OCT '17			
23051	Power System – I	33051	Generation Transmission and Switchgear
24043	Digital Electronics	34043	Digital Electronics
23044	Transducers and Signal Conditioners	33044	Transducers and Signal Conditioners
23065	Electrical Circuits and simulation practical	33065	Electrical Circuits and simulation practical [W.E.F. APR '18]
24045	Integrated Circuits Practical	34046	Integrated Circuits Practical
ELECTIVE THEORY – I		ELECTIVE THEORY – I	
23071	Control of Electrical Machines	33071	Control of Electrical Machines
23072	Programmable Logic Controller	33072	Programmable Logic Controller
23073	Electrical Machine Design	33073	Electrical Machine Design
ELECTIVE PRACTICAL – I		ELECTIVE PRACTICAL – I	

23074	Control of Electrical Machines Practical	33074	Control of Electrical Machines Practical
23075	Programmable Logic Controller Practical	33075	Programmable Logic Controller Practical
23076	Electrical Machine Design Practical	33076	Electrical Machine Design Practical
VI SEMESTER WITH EFFECT FROM APR '18			
23061	Power System – II	33061	Distribution and Utilization
23062	Electrical Estimation and Energy Auditing	33053	Electrical Estimation and Energy Auditing
24052	Micro Controller	34052	Micro Controller
23064	Wiring and Winding Practical	33064	Wiring and Winding Practical
24056	Micro Controller Practical	34056	Micro Controller Practical
23065	Computer Aided Electrical Drawing	33055	Computer Aided Electrical Drawing practical
ELECTIVE THEORY – II		ELECTIVE THEORY – II	
23081	Power Electronics	33081	Power Electronics
23082	Bio-Medical Instrumentation	34082	Bio-Medical Instrumentation
24682	Computer Hardware and Networks	34682	Computer Hardware and Networks
ELECTIVE PRACTICAL – II		ELECTIVE PRACTICAL – II	
23084	Power Electronics Practical	33084	Power Electronics Practical
23085	Bio – Medical Instrumentation Practical	33085	Bio-Medical Instrumentation Practical
24684	Computer Hardware and Networks Practical	34684	Computer Hardware and Networks Practical
VII SEMESTER WITH EFFECT FROM OCT '18			
23067	Project Work	33067	Project Work

3030 - DIPLOMA IN ELECTRICAL AND ELECTRONICS ENGINEERING
ALTERNATE SUBJECTS FOR THE L - SCHEME TO THE M – SCHEME (Part-time)

Subject Code	Subject	Subject Code	Subject
III SEMESTER WITH EFFECT FROM OCTOBER 2016			
23031	Electrical Circuit Theory	33031	Electrical Circuit Theory
23032	Electrical Machines - I	33032	Electrical Machines-I
20016	Engineering Graphics-I	30015	Engineering Graphics-I
23034	Electrical Circuits and Machines Practical	33034	Electrical Circuits and Machines Practical
23036	Work Shop Practical	No Alternate Subject	
IV SEMESTER WITH EFFECT FROM APRIL 2017			
24031	Electronic Devices and Circuits *	34031	Electronic Devices and Circuits *
23044	Transducers and Signal Conditioners	33044	Transducers and Signal Conditioners
20026	Engineering Graphics-II	30026	Engineering Graphics-II
24034	Electronic Devices and Circuits Practical	34034	Electronic Devices and Circuits Practical
20001	Computer Applications Practical	30001	Computer Applications Practical
V SEMESTER WITH EFFECT FROM OCTOBER 2017			
23041	Electrical Machines - II	33041	Electrical Machines - II
23042	Measurements and Instruments	33042	Measurements and Instruments
24043	Digital Electronics	34043	Digital Electronics
23045	Electrical Machines and Instrumentation Practical	33045	Electrical Machines and Instrumentation Practical
24046	Integrated Circuits Practical	34046	Integrated Circuits Practical
VI SEMESTER WITH EFFECT FROM APRIL 2018			
23051	Power System – I	33051	Generation Transmission and Switchgear
23053	Special Electrical Machines		No Alternate paper
23055	Electrical Circuits Simulation Practical	33065	Electrical Circuits Simulation Practical
23065	Computer Aided Electrical Drawing	33055	Computer Aided Electrical Drawing Practical
20002	Communication and Life Skill Practice	30002	Life and Employability Skill Practical
VII SEMESTER WITH EFFECT FROM OCTOBER 2018			

24052	Micro Controller	34052	Micro Controller
23062	Electrical Estimation and Energy Auditing	33053	Electrical Estimation and Energy Auditing
24055	Micro Controller Practical	34056	Micro Controller Practical
ELECTIVE THEORY – I		ELECTIVE THEORY – I	
23071	Control of Electrical Machines	33071	Control of Electrical Machines
23072	Programmable Logic Controller	33072	Programmable Logic Controller
23073	Electrical Machine Design	33073	Electrical Machine Design
ELECTIVE PRACTICAL – I		ELECTIVE PRACTICAL – I	
23074	Control of Electrical Machines Practical	33074	Control of Electrical Machines Practical
23075	Programmable Logic Controller Practical	33075	Programmable Logic Controller Practical
23076	Electrical Machine Design Practical	33076	Electrical Machine Design Practical
VIII SEMESTER WITH EFFECT FROM APRIL 2019			
23061	Power System – II	33061	Distribution and Utilization
23064	Wiring and Winding Practical	33064	Wiring and Winding Practical
23067	Project Work	33067	Project Work
ELECTIVE THEORY – II		ELECTIVE THEORY – II	
23081	Power Electronics	33081	Power Electronics
23082	Bio-Medical Instrumentation	34082	Bio-Medical Instrumentation
24682	Computer Hardware and Networks	34682	Computer Hardware and Networks
ELECTIVE PRACTICAL – II		ELECTIVE PRACTICAL – II	
23084	Power Electronics Practical	33084	Power Electronics Practical
23085	Bio – Medical Instrumentation Practical	33085	Bio-Medical Instrumentation Practical
24684	Computer Hardware and Networks Practical	34684	Computer Hardware and Networks Practical

1040 - Electronics and Communication Engineering

Alternate Subjects for L Scheme with that of M Scheme

Subjects in L Scheme			Subjects in M Scheme		
Semester	Subject code	Name of the Subjects	Semester	Subject code	Name of the Subjects
III W.E.F 'OCT '16	24031	Electronic Devices and Circuits	III	34031	Electronic Devices and Circuits
	24032	Electrical Circuits and Instrumentation	III	34032	Electrical Circuits and Instrumentation
	25233	" C " Programming	III	34033	Programming in " C "
	24034	Electronic Devices and Circuits Practical	III	34034	Electronic Devices and Circuits Practical
	24035	Electrical Circuits & Instrumentation Practical	III	34035	Electrical Circuits and Instrumentation Practical
	24036	Programming in " C " Practical	III	-	No Alternate paper
	30001	Computer Application Practical	III	-	No Alternate paper
IV W.E.F. APR '17	24041	Industrial Electronics	IV	34041	Industrial Electronics
	24042	Communication Engineering	IV	34042	Communication Engineering
	24043	Digital Electronics	IV	34043	Digital Electronics
	24044	Linear Integrated Circuits	IV	34044	Linear Integrated Circuits
	24045	Industrial Electronics and Communication Engineering Practical	IV	34045	Industrial Electronics and Communication Engineering Practical
	24046	Integrated Circuits Practical	IV	34046	Integrated Circuits Practical
	20002	Communication and Life Skill Practical	IV	30002	Life and Employability Skill Practical
V W.E.F. OCT '17	24051	Advanced Communication Systems	V	34051	Advanced Communication Systems
	24052	Microcontroller	V	34052	Microcontroller
	24053	Very Large Scale Integration	V	34053	Very Large Scale Integration
	24071	Digital Communication	V	34071	Digital Communication
	23072	Programmable Logic Controller	V	34272	Programmable Logic Controller
	24055	Advanced Communication Systems_Practical	V	34055	Advanced Communication Systems_Practical
	24056	Microcontroller	V	34056	Microcontroller

		Practical			Practical
	24057	Very Large Scale Integration_Practical	V	34057	Very Large Scale Integration_Practical
VI W.E.F. APR '18	24061	Embedded Systems	VI	-	No Alternate paper
	24682	Computer Hardware & Network		34061	Computer Hardware Servicing & Networking
	24081	Television Engineering	VI	34081	Television Engineering
	24082	Biomedical & Telemedicine	VI	34082	Biomedical Instrumentation
	24083	Electronic System Design	V	34073	Electronic System Design
	24064	Embedded Systems Practical	VI	34066	Embedded Systems Practical
	24684	Computer Hardware & Network Practical	VI	34064	Computer Hardware Servicing and Networking Practical
	24066	Simulation Practical			No Alternate Paper
	24067	Project Work	VI	34067	Project Work

3040 - Diploma in Electronics and Communication Engineering (Part Time)

Alternate Subject for L Scheme with that of M Scheme

Subject in L Scheme			Subject in M Scheme		
Semester	Subject code	Name of the Subject	Semester	Subject code	Name of the Subject
III W.E.F. OCT '16	24031	Electronic Devices and Circuits	III	34031	Electronic Devices and Circuits
	24032	Electrical Circuits and Instrumentation	III	34032	Electrical Circuits and Instrumentation
	20016	Engineering Graphics - I	III	30016	Engineering Graphics - I
	24034	Electronic Devices and Circuits practical	III	34034	Electronic Devices and Circuits practical
	24035	Electrical Circuits and Instrumentation practical	III	34035	Electrical Circuits and Instrumentation practical
IV W.E.F. APR '17	25233	'C' Programming	IV	34033	Programming in "C"
	24043	Digital Electronics	IV	34043	Digital Electronics
	20026	Engineering Graphics - II	IV	30026	Engineering Graphics - II
	24036	" Programming in C" Practical	IV		No Alternate paper
	20001	Computer application practical	IV		No Alternate paper
V W.E.F. OCT '17	24041	Industrial Electronics	V	34041	Industrial Electronics
	24042	Communication Engineering	V	34042	Communication Engineering
	24044	Linear Integrated Circuits	V	34044	Linear Integrated Circuits
	24045	Industrial Electronics & Communication Engineering practical	V	34045	Industrial Electronics & Communication Engineering practical
	24046	Integrated Circuits practical	V	34046	Integrated Circuits practical
VI W.E.F. APR '18	24051	Advanced Communication System	VI	34051	Advanced Communication System
	24052	Microcontroller	VI	34052	Microcontroller
	24055	Advanced communication system Practical	VI	34055	Advanced communication system Practical
	24056	Microcontroller practical	VI	34056	Microcontroller practical
	20002	Communication and Life skills Practical	VI	30002	Life and Employability Skill Practical
VII W.E.F. OCT '18	24053	Very Large Scale Integration	VII	34053	Very Large Scale Integration
	24071	Digital Communication	VII	34071	Digital Communication
	23072	Programmable Logic Controller	VII	34272	Programmable Logic Controller

	24061	Embedded Systems	VII		No Alternate paper
	24057	Very Large Scale Integration Practical	VII	34057	Very Large Scale Integration Practical
	24064	Embedded Systems Laboratory	VII	34066	Embedded Systems Practical [W.E.F. APR '19]
VIII W.E.F. APR '19	24682	Computer Hardware & Network	VIII	34061	Computer Hardware Servicing & Networking
	24081	Television Engineering	VIII	34081	Television Engineering
	23082	Biomedical Instrumentation	VIII	34082	Biomedical Instrumentation
	24083	Electronic System Design	VIII	34073	Electronic System Design
	24684	Computer Hardware and Network practical	VIII	34064	Computer Hardware Servicing & Networking Practical
	24066	Simulation practical	VIII		No Alternate paper
	24067	Project Work	VIII	34067	Project Work

1042 – Diploma in Instrumentation & Control Engineering

M SCHEME ALTERNATE ALTERNATE PAPERS

III SEMESTER W.E.F. OCT '16

L SCHEME		M SCHEME	
Subject code	Subject Name	Subject code	Subject Name
24031	Electronic devices & Circuits#	34031	Electronic devices & Circuits#
24232	Electrical Circuits & Machines	34232	Electrical Circuits & Machines
24233	Basics of Instrumentation	34233	Basics of Instrumentation
24234	Electrical & Electronics Practical	34234	Electrical & Electronics Practical
24235	Basics of Instrumentation Practical	34235	Basics of Instrumentation Practical
25236	'C' Programming Practical	35236	'C' Programming Practical
20001	Computer Application Practical	30001	Computer Application Practical

- Common with ECE

IV SEMESTER W.E.F. APR '17

L SCHEME			
Subject code	Subject Name		Subject Name
24241	Analog and Digital Electronics	34241	Analog and Digital Electronics
24242	Measurements and Instruments	34242	Measurements and Instruments
24243	Measurement of Process Variables	34243	Measurement of Process Variables
24244	Industrial Instrumentation	34244	Industrial Instrumentation
24245	Analog and Digital Electronic Practical	34245	Analog and Digital Electronic Practical
24246	Measurement of Process variables Practical	34246	Measurement of Process variables Practical
20002	Communication and Life skill practical *	30002	Life and Employability Skill Practical *

V SEMESTER W.E.F. OCT '17

L SCHEME		M SCHEME	
Sub. code	Name of the subject	Sub. code	Name of the subject
24251	Process Control Instrumentation	34251	Process Control Instrumentation
24052	Microcontroller #	34052	Microcontroller #
24253	Control Engineering	34253	Control Engineering
Elective - 1			
24271	Instrumentation system Design	34271	Instrumentation System Design
24272	Embedded systems	34283	Embedded systems [W.E.F. APR '18]
24273	Industrial Power Electronics	34273	Industrial Power Electronics
24255	Process control Instrumentation Practical	34255	Process Control Instrumentation Practical
24056	Microcontroller Practical #	34056	Microcontroller Practical #
24257	LABVIEW & MATLAB practical	34257	LABVIEW & MATLAB practical

VI SEMESTER W.E.F. APR '18

L SCHEME		M SCHEME	
Sub.	Name of the subject	Sub.	Name of the subject
24261	Industrial Process Control Instrumentation		No Alternate paper
24262	Industrial Automation and Drives	34262	Industrial Automation and Drives
Elective - 2			
24281	Biomedical Engineering	34081	Bio-Medical Instrumentation
24763	Robotics and Auto Electronics \$	34763	Robotics \$
24283	Mechatronics \$		No Alternate Paper
24264	Industrial Automation Practical	34264	Industrial Automation Practical
24265	P&I Drawing using CAD practical		No Alternate Paper
24266	Programmable Logic Controller practical	34266	Programmable Logic Controller practical
24267	Project work	34267	Project work

1046 - DIPLOMA IN INFORMATION TECHNOLOGY
Alternate SUBJECTS FOR M- SCHEME

L - SCHEME		M -SCHEME	
Subject Code	Subject Name	Subject Code	Subject Name
THIRD SEMESTER – W. E. F OCT 16			
25231	Basics of Electrical & Electronics Engineering	35231	Basics of Electrical & Electronics Engineering
25232	Operating Systems	35232	Operating Systems
25233	C Programming	35233	C Programming
25234	Electrical & Electronics Practical	35234	Electrical & Electronics Practical
25235	Linux Practical	35235	Linux Practical
25236	C Programming Practical	35236	C Programming Practical
20001	Computer Applications Practical	30001	Computer Applications Practical
FOURTH SEMESTER – W. E. F APR 17			
24641	Management Information Systems	34641	Management Information Systems
24642	Information Security	34642	Information Security
25243	Object Oriented Programming with Java	35243	Object Oriented Programming with Java
25244	Data Structures using C	35244	Data Structures using C
25245	Java Programming Practical	35245	Java Programming Practical
25246	Data Structures using C Practical	35246	Data Structures using C Practical
20002	Communication and Life Skill Practical	30002	Life and Employability Skills Practical
FIFTH SEMESTER – W. E. F OCT 17			
25251	Web Programming	35251	Web Programming
25352	Relational Database and Management Systems	35252	Relational Database and Management Systems
25353	.NET Programming	35253	Component Based Technology
25271	Concepts of Advanced Computing	35271	Cloud Computing
25272	Software Engineering	35272	Software Engineering
25255	Web Programming Practical	35255	Web Programming Practical
25256	Relational Database and Management Systems Practical	35256	Relational Database and Management Systems Practical

25257	.NET Programming Practical	35257	Component Based Technology Practical
SIXTH SEMESTER – W. E. F APR 18			
34661	Advanced Java Programming	34661	Advanced Java Programming
24662	XML Programming	NO ALTERNATE	
25281	Multimedia Systems	35281	Multimedia System
24682	Computer Hardware and Networks	34682	Computer Hardware and Networks
24664	Advanced Java & XML Programming Practical	34664	Advanced Java Programming Practical
25265	System Administration Practical	NO ALTERNATE	
25283	Multimedia Systems Practical	35283	Multimedia Systems Practical
24684	Computer Hardware and Networks Practical	34684	Computer Hardware and Networks Practical
24667	Project work and Entrepreneurship	34667	Project work

**1047 & 1049 DIPLOMA IN MECHATRONICS ENGG – 1047 & DIPLOMA IN
ELECTRONICS (ROBOTICS) (FT) 1049**

Alternate Papers of L Scheme Subjects in M Scheme

III Semester – With Effect from October 2016

L Scheme		M Scheme	
Sub Code	Subject	Sub Code	Subject
24031	Electronic Devices and Circuits	34031	Electronic Devices and Circuits
24232	Electrical Circuits and Machines	34232	Electrical Circuits and Machines
24733	Manufacturing Technology	34733	Manufacturing Technology
24734	Electronic devices and Circuits Practical	34034	Electronic devices and Circuits Practical
24735	Electrical Circuits and Machines Practical	34735	Electrical Circuits and Machines Practical
24736	Manufacturing Technology Practical	34736	Manufacturing Technology Practical
20001	Computer Application Practical	30001	Computer Application Practical

IV SEMESTER – With Effect from Apr 2017

L Scheme		M Scheme	
Sub Code	Subject	Sub Code	Subject
24241	Analog and Digital Electronics	34241	Analog and Digital Electronics
24742	Mechanics of Materials	34742	Mechanics of Materials
24743	Programming in C		No Alternate
24744	Measuring Instruments and Sensors	34744	Measuring Instruments and Sensors
24245	Analog and Digital Electronics Practical	34245	Analog and Digital Electronics Practical
24746	Programming in C Practical	34756	Programming in C Practical (with effect from OCT '17)
20002	Communication and Life skill Practice	30002	Life and Employability skill Practical

V SEMESTER – With Effect from Oct '17

L Scheme		M Scheme	
Sub Code	Subject	Sub Code	Subject
24751	Industrial Instrumentation and Automation	34751	Industrial Instrumentation and Automation
24052	Microcontroller	34752	Microcontroller and PIC
24753	Hydraulics and Pneumatics Systems	34743	Hydraulics and Pneumatics Systems
24754	CAD/CAM	34754	CAD/CAM
24055	Microcontroller Practical	34755	Microcontroller Practical
24756	Hydraulics, Pneumatics and PLC Practical	34746	Hydraulics, Pneumatics and PLC Practical
24757	CNC Practical	34757	CNC Practical

VI SEMESTER – With Effect from Apr '18

L Scheme		M Scheme	
Sub Code	Subject	Sub Code	Subject
22061	Industrial Engineering and Management	32061	Industrial Engineering and Management
24762	Process Control	34762	Process Control
24763	Robotics and Auto Electronics	34763	Robotics
24764	Process Control Practical	34764	Process Control Practical
24765	Robotics and Auto Electronics Practical	34765	Robotics Practical
24766	CAD Practical	34766	CAD Practical
24767	Project Work	34767	Project Work

2047 - DIPLOMA IN MECHATRONICS ENGG (SW)

Alternate Papers of L Scheme Subjects in M Scheme

III Semester With Effect from Oct '16

L Scheme		M Scheme	
Sub Code	Subject	Sub Code	Subject
24031	Electronic Devices and Circuits	34031	Electronic Devices and Circuits
24232	Electrical Circuits and Machines	34232	Electrical Circuits and Machines
24733	Manufacturing Technology	34733	Manufacturing Technology
24744	Measuring Instruments and sensors	34744	Measuring Instruments and sensors
24734	Electronic devices and Circuits Practical	34034	Electronic devices and Circuits Practical
24735	Electrical Circuits and Machines Practical	34735	Electrical Circuits and Machines Practical
24736	Manufacturing Technology Practical	34736	Manufacturing Technology Practical
20001	Computer Applications Practical	30001	Computer Applications Practical

IV SEMESTER - With Effect from April 2017

L Scheme		M Scheme	
Sub Code	Subject	Sub Code	Subject
24245	Analog and Digital Electronics Practical	34245	Analog and Digital Electronics Practical [W.E.F. OCT '17]
24736	Manufacturing Technology Practical	34736	Manufacturing Technology Practical
24791	Industrial Training -I	34791	Industrial Training -I

V SEMESTER - With Effect from October 2017

L Scheme		M Scheme	
Sub Code	Subject	S. Code	Subject
24241	Analog and Digital Electronics	34241	Analog and Digital Electronics
24743	Programming in C	No Alternate	
24052	Micro controller	34752	Microcontroller and PIC
24753	Hydraulic and Pneumatic Systems	34743	Hydraulic and Pneumatic Systems
24746	Programming in C Practical	34756	Programming in C Practical
24055	Microcontroller Practical	34755	Microcontroller Practical
24756	Hydraulic, Pneumatic and PLC Practical	34746	Hydraulic, Pneumatic and PLC Practical [W.E.F. APR'18]
20002	Communication and Life skill Practical	30002	Life and Employability skill Practical

VI SEMESTER - With Effect from April 2018

L Scheme		M Scheme	
Sub Code	Subject	Sub Code	Subject
22061	Industrial Engineering and Management	32061	Industrial Engineering and Management
24762	Process Control	34762	Process Control
24751	Industrial Instrumentation and Automation	34751	Industrial Instrumentation and Automation
24763	Robotics and Auto Electronics	34763	Robotics
24754	CAD/CAM	34754	CAD/CAM
24764	Process control Practical	34764	Process control Practical
24765	Robotics and Auto Electronics Practical	34765	Robotics Practical
24766	CAD Practical	34766	CAD Practical
24757	CNC Practical	34757	CNC Practical

VII SEMESTER – with Effect from Oct '18

L Scheme		M Scheme	
Sub Code	Subject	Sub Code	Subject
24767	Project Work	34767	Project Work
24792	Industrial Training -II	34792	Industrial Training -II

1052 - DIPLOMA IN COMPUTER ENGINEERING

ALTERNATE PAPERS FOR COMPUTER ENGINEERING			
L SCHEME SUBJECTS		MS SCHEME SUBJECTS	
III SEMESTER W.E.F OCT 16			
25231	BASICS OF ELECTRICAL AND ELECTRONIC ENGG	35231	BASICS OF ELECTRICAL AND ELECTRONIC ENGG
25232	OPERATING SYSTEM	35232	OPERATING SYSTEM
25233	C PROGRAMMING	35233	C PROGRAMMING
25234	ELECTRICAL AND ELECTRONICS PRACTICAL	35234	ELECTRICAL AND ELECTRONICS PRACTICAL
25235	LINUX PRACTICAL	35235	LINUX PRACTICAL
25236	C PROGRAMMING PRACTICAL	35236	C PROGRAMMING PRACTICAL
20001	COMPUTER APPLICATIONS PRACTICAL	30001	COMPUTER APPLICATIONS PRACTICAL
IV SEMESTER W.E.F APR 17			
25241	COMPUTER ARCHITECTURE	35241	COMPUTER ARCHITECTURE
25242	COMPUTER NETWORK AND SECURITY	35242	COMPUTER NETWORKS AND SECURITY
25243	OOPS WITH JAVA	35243	Object Oriented Programming WITH JAVA
25244	DATA STRUCTURES USING C	35244	DATA STRUCTURES USING C
25245	JAVA PROGRAMMING PRACTICAL	35245	JAVA PROGRAMMING PRACTICAL
25246	DATA STRUCTURES USING C PRACTICAL	35246	DATA STRUCTURES USING C PRACTICAL
25245	COMMUNICATION AND LIFE SKILL PRACTICAL	30002	Life and Employability Skill Practical
V SEMESTER W.E.F OCT 17			
52551	WEB PROGRAMMING	35251	WEB PROGRAMMING
25252	RELATIONAL DATABASE MANAGEMENT SYSTEMS	35252	RELATIONAL DATABASE MANAGEMENT SYSTEMS
25253	.NET PROGRAMMING	35253	COMPONENT BASED TECHNOLOGY
ELECTIVE –I -THEORY		ELECTIVE –I -THEORY	
25272	SOFTWARE ENGINEERING	35272	SOFTWARE ENGINEERING
25271	CONCEPTS OF ADVANCED COMPUTING	35271	CLOUD COMPUTING
25255	WEB PROGRAMMING PRACTICAL	35255	WEB PROGRAMMING PRACTICAL
25256	RELATIONAL DATABASE MANAGEMENT SYSTEMS PRACTICAL	35256	RELATIONAL DATABASE MANAGEMENT SYSTEMS PRACTICAL
25257	.NET PROGRAMMING PRACTICAL	35257	COMPONENT BASED TECHNOLOGY PRACTICAL
VI SEMESTER W.E.F APR 18			
25261	COMPUTER HARDWARE AND SERVICING	35261	COMPUTER HARDWARE AND SERVICING
25262	MOBILE COMPUTING	35262	MOBILE COMPUTING
ELECTIVE –II THEORY		ELECTIVE –II THEORY	
25281	a. MULTIMEDIA SYSTEMS	35281	a. MULTIMEDIA SYSTEMS
25282	b. OPEN SOURCE SOFTWARE	35282	B. OPEN SOURCE SOFTWARE
25264	COMPUTER SERVICING AND NETWORK PRACTICAL	35264	COMPUTER SERVICING AND NETWORK PRACTICAL
25265	SYSTEM ADMIN PRACTICAL		NO ALTERNATE
ELECTIVE-II PRACTICAL		ELECTIVE-II PRACTICAL	
25283	a. MULTIMEDIA SYSTEMS PRACTICAL	35283	a. MULTIMEDIA SYSTEMS PRACTICAL
25284	b.OPEN SOURCE SOFTWARE PRACTICAL	35284	b.OPEN SOURCE SOFTWARE PRACTICAL
25267	PROJECT WORK AND ENTREPRENEURSHIP	35267	PROJECT WORK

1053 - DIPLOMA IN COMPUTER NETWORKING ENGINEERING
Alternate SUBJECTS FOR M- SCHEME

L - SCHEME		M -SCHEME	
Subject Code	Subject Name	Subject Code	Subject Name
THIRD SEMESTER W. E. F. OCT '16			
25231	Basics of Electrical & Electronics Engineering	35231	Basics of Electrical & Electronics Engineering
25232	Operating Systems	35232	Operating Systems
25233	C Programming	35233	C Programming
25234	Electrical & Electronics Practical	35234	Electrical & Electronics Practical
25235	Linux Practical	35235	Linux Practical
25236	C Programming Practical	35236	C Programming Practical
20001	Computer Applications Practical	30001	Computer Applications Practical
FOURTH SEMESTER W. E. F. APR '17			
25241	Computer Architecture	35241	Computer Architecture
25342	Data Communications and Networks	35342	Data Communication and Networks
25243	Object Oriented Programming with Java	35243	Object Oriented Programming with Java
25244	Data Structures using C	35254	Data Structures using C
25245	Java Programming Practical	35245	Java Programming Practical
25246	Data Structures using C Practical	35246	Data Structures using C Practical
20002	Communication and Life Skill Practical	30002	Life and Employability Skills Practical
FIFTH SEMESTER W. E. F. OCT '17			
25251	Web Programming	35251	Web Programming
25352	Data Mining and Data Warehousing	35352	Data Mining and Data Warehousing
25353	Cryptography and Network Security	35353	Cryptography and Network Security
25271	Concepts of Advanced Computing	35271	Cloud Computing
25272	Software Engineering	35272	Software Engineering
25255	Web Programming Practical	35255	Web Programming Practical

25356	Wireless Networks Practical	35356	Wireless Networks Practical
25357	Computer Networks and Security Practical	35357	Computer Networks and Security Practical
SIXTH SEMESTER W. E. F. APR ' 18			
25261	Computer Hardware and Servicing	35261	Computer Hardware and Servicing
25262	Mobile Computing	35262	Mobile Computing
25281	Multimedia Systems	35281	Multimedia Systems
25382	Wide Area Networks	35382	Wide Area Networks
25264	System Administration Practical	NO ALTERNATE	
25383	Multimedia Systems Practical	35283	Multimedia Systems Practical
25384	Router Administration Practical	35384	Router Administration Practical
25366	Computer Servicing Practical	35264	Computer Servicing and Network Practical
25367	Project work and Entrepreneurship	35367	Project work

1060 / 2060 Diploma in Textile Technology

ALTERNATE SUBJECTS FOR III AND IV SEMESTERS SUBJECTS			
SUBJECTS IN L – SCHEME		ALTERNATE SUBJECTS IN THE M – SCHEME	
III SEMESTER - WITH EFFECT FROM OCT '16			
26031	Fibre Science and Technology	36031	Fibre Science and Technology
26032	Yarn Manufacture – I	36032	Yarn Manufacture – I
26033	Fabric Manufacture – I	36033	Fabric Manufacture – I
26034	Fibre Identification I Practical	36034	Fibre Identification Practical
26035	Yarn Manufacture – I Practical	36035	Yarn Manufacture – I Practical
26036	Fabric Manufacture – I Practical	36036	Fabric Manufacture – I Practical
20001	Computer Application Practical	30001	Computer Application Practical
IV SEMESTER – W.E.F. APR '17			
26041	Basic Engineering	36041	Basic Engineering
26042	Yarn Manufacture – II	36042	Yarn Manufacture – II
26043	Fabric Manufacture – II	36043	Fabric Manufacture – II
26044	Elementary Textile Design	36044	Elementary Textile Design
26045	Yarn Manufacture – II Practical	36045	Yarn Manufacture – II Practical
26046	Fabric Manufacture – II Practical	36046	Fabric Manufacture – II Practical
26047	Elementary Textile Design Practical	36047	Elementary Textile Design Practical

ALTERNATE SUBJECTS FOR V and VI SEMESTERS SUBJECTS			
SUBJECTS IN L – SCHEME		ALTERNATE SUBJECTS IN THE M – SCHEME	
V SEMESTER - W.E.F. OCT '17			
26051	Textile Testing	36051	Textile Testing
26052	Textile Wet Processing	36052	Textile Wet Processing
26053	Advanced Textile Design	36053	ADVANCED TEXTILE DESIGN
26071	Advanced Textile Manufacture	36071	Advanced Textile Manufacture
26072	Technical Textiles	36072	Technical Textiles
26055	Textile Testing practical	36055	Textile Testing practical
26056	Textile Wet Processing practical	36056	Textile Wet Processing practical
20002	Communication and Life Skill Practical	30002	Life and Employability Skill Practical
VI SEMESTER – W.E.F. APR '18			
26061	Textile Management	36061	Textile Management
26062	Garment Manufacture	36062	Garment Manufacture
26081	Maintenance of Textile Machineries	36081	Maintenance of Textile Machineries
26082	Process control in Spinning	36082	Process control in Spinning
26064	Garment Manufacture Practical	36064	Garment Manufacture Practical
26065	Textile CAD Practical	36065	Textile CAD Practical
26066	Garment CAD Practical	36066	Garment CAD Practical
26067	Project work	36067	Project work
VII SEMESTER			
26092	Industrial Training & Viva Voce	36092	Industrial Training & Viva Voce

1061 / 2061 - DIPLOMA IN TEXTILE PROCESSING

ALTERNATE SUBJECTS FOR III AND IV SEMESTER SUBJECTS			
SUBJECTS IN L – SCHEME		ALTERNATE SUBJECTS IN THE M– SCHEME	
III SEMESTER – W.E.F. OCT '16			
26031	Fibre Science and Technology*	36031	Fibre Science and Technology*
26132	Preparation for Textile Processing	36132	Preparation for Textile Processing
26133	Dyeing of Natural Fibres	36133	Dyeing of Natural Fibres
26134	Fibre and chemical Analysis Practical	36134	Fibre and chemical Analysis Practical
26135	Preparation for Textile Processing practical	36135	Preparation for Textile Processing practical
26136	Dyeing of Natural Fibres practical	36136	Dyeing of Natural Fibres practical
20001	Computer Application Practical**	30001	Computer Application Practical**
IV SEMESTER W.E.F. APR '17			
26141	Technology of Yarn Manufacture	36141	Technology of Yarn Manufacture
26142	Technology of Fabric Manufacture	36142	Technology of Fabric Manufacture
26143	Dyeing of Manmade Fibres and Blends	36143	Dyeing of Manmade Fibres and Blends
26144	Technology of Textile Finishing	36144	Technology of Textile Finishing
26145	Dyeing of Man Made Fibres and Blends Practical	36145	Dyeing of ManMade Fibres and Blends Practical
26146	Technology of Textile Finishing - Practical	36146	Technology of Textile Finishing - Practical
26147	Engineering Utilities - Practical	36147	Engineering Utilities - Practical
ALTERNATE SUBJECTS FOR V and VI SEMESTER SUBJECTS			
SUBJECTS IN L – SCHEME		ALTERNATE SUBJECTS IN THE M – SCHEME	
V SEMESTER – W.E.F. OCT '17			

26051	Textile Testing*	36051	Textile Testing*
26152	Technology of Textile Printing	36152	Technology of Textile Printing
26153	Quality Assurance in Textile Processing	36153	Quality Assurance in Textile Processing
26671	Elective – I Apparel Merchandising@	36671	Elective – I Apparel Merchandising@
26172	Eco Friendly in Textile Processing	36172	Eco Friendly in Textile Processing
26155	Technology of Textile Printing Practical	36155	Technology of Textile Printing Practical
26156	Quality Assurance in Textile Processing Practical	36156	Quality Assurance in Textile Processing Practical
20002	Communication and Life Skills Practical**	30002	Life and Employability Skills Practical**
VI SEMESTER – W.E.F. APR '18			
26061	Textile Management*	36061	Textile Management*
26062	Garment Manufacture*	36062	Garment Manufacture*
26181	Elective – II Water, Effluent Treatment and Pollution Control	36181	Elective – II Water, Effluent Treatment and Pollution Control
26182	Advances in Textile Processing	36182	Advances in Textile Processing
26064	Garment Manufacture Practical*	36064	Garment Manufacture Practical*
26165	Shade Matching in Dyeing and Printing Practical	36165	Shade Matching in Dyeing and Printing Practical
26166	Textile Testing Practical	36166	Textile Testing Practical
26167	Project work	36167	Project work
VII SEMESTER – W.E.F. OCT '18			
26192	Industrial Training & Viva Voce	36192	Industrial Training & Viva Voce

Important Note:

*** Common Subject with Diploma in Textile Technology**

**** Common Subject with All Diploma Engineering Courses**

**1064 - DIPLOMA IN TEXTILE MARKETING & MANAGEMENT (Full time)
ALTERNATE SUBJECTS FOR II AND III YEAR**

Subject code	L Scheme	Subject code	M Scheme
III Semester – W.E.F. OCT '16			
26031	FIBRE SCIENCE AND TECHNOLOGY	36031	FIBRE SCIENCE AND TECHNOLOGY
26432	TEXTILE ORGANIZATIONAL MANAGEMENT	36432	TEXTILE ORGANIZATIONAL MANAGEMENT
26433	TEXTILE INFORMATION MANAGEMENT	36433	TEXTILE INFORMATION MANAGEMENT
26434	CLOTH DESIGN AND DEFECTS ANALYSIS - PRACTICAL	36434	CLOTH DESIGN AND DEFECTS ANALYSIS - PRACTICAL
26435	TEXTILE MARKET DATABASE MANAGEMENT - PRACTICAL	36435	TEXTILE MARKET DATABASE MANAGEMENT - PRACTICAL
26436	ACCOUNTING SOFTWARE - PRACTICAL	36436	ACCOUNTING SOFTWARE - PRACTICAL
20001	COMPUTER APPLICATIONS – PRACTICAL (NEW PAPER)	30001	COMPUTER APPLICATIONS – PRACTICAL (NEW PAPER)
IV Semester – W.E.F. APR '17			
26141	TECHNOLOGY OF YARN MANUFACTURE #	36141	TECHNOLOGY OF YARN MANUFACTURE #
26142	TECHNOLOGY OF FABRIC MANUFACTURE#	36142	TECHNOLOGY OF FABRIC MANUFACTURE#
26443	MODERN MARKETING MANAGEMENT	36443	MODERN MARKETING MANAGEMENT
26444	TEXTILE QUALITY MANAGEMENT	36444	TEXTILE QUALITY MANAGEMENT
26445	TEXTILE CAD - PRACTICAL	36445	TEXTILE CAD - PRACTICAL
26446	TEXTILE ADVERTISEMENT AND PUBLICITY - PRACTICAL	36446	TEXTILE ADVERTISEMENT AND PUBLICITY - PRACTICAL
20002	COMMUNICATION AND LIFE SKILL - PRACTICAL	30002	LIFE AND EMPLOYABILITY SKILL -PRACTICAL

** common to all branches
* common with DTT

common with DTP
@ common with DGT

Subject code	L Scheme	Subject code	M Scheme
V Semester W.E.F. OCT '17			
26051	TEXTILE TESTING*	36051	TEXTILE TESTING*
26052	TEXTILE WET PROCESSING*	36052	TEXTILE WET PROCESSING*
26453	EXPORT MARKETING	36453	EXPORT MARKETING
ELECTIVE I:			
26671	APPAREL MERCHANDIZING @ \$	36671	APPAREL MERCHANDIZING @ \$
26472	HUMAN RESOURCE DEVELOPMENT AND ENTREPRENEURSHIP \$	36472	HUMAN RESOURCE DEVELOPMENT AND ENTREPRENEURSHIP \$
26455	TEXTILE TESTING - PRACTICAL	36455	TEXTILE TESTING - PRACTICAL
26456	TEXTILE WET PROCESSING - PRACTICAL	36456	TEXTILE WET PROCESSING - PRACTICAL
26457	GARMENT MANUFACTURE - PRACTICAL	36457	GARMENT MANUFACTURE - PRACTICAL
VI Semester – W.E.F. APR '18			
26461	TEXTILE AND GARMENT COSTING	36461	TEXTILE AND GARMENT COSTING
26062	GARMENT MANUFACTURE*	36062	GARMENT MANUFACTURE*
ELECTIVE II:			
26681	APPAREL PRODUCTION PLANNING AND CONTROL @ \$	36641	APPAREL PRODUCTION PLANNING AND CONTROL @ \$
26482	TEXTILE ADVERTISEMENT MANAGEMENT \$	36482	TEXTILE ADVERTISEMENT MANAGEMENT \$
26464	TEXTILE EXPORT PROCEDURE - PRACTICAL	36464	TEXTILE EXPORT PROCEDURE - PRACTICAL
26465	GARMENT CAD – PRACTICAL	36465	GARMENT CAD – PRACTICAL
26466	EXECUTIVE PLANNING AND CONTROL - PRACTICAL	36466	EXECUTIVE PLANNING AND CONTROL - PRACTICAL
26467	PROJECTWORK, ENTREPRENEURSHIP, ENVIRONMENT AND DISASTER MANAGEMENT	36467	PROJECTWORK

** common to all branches

common with DTP

\$ Any one Elective

* common with DTT

@ common with DGT

1066 - Diploma in Garment Technology**ALTERNATE SUBJECTS**

Sub code	EXISTING SUBJECTS (L – SCHEME)	PROPOSED SUBJECTS (M - SCHEME)
III SEMESTER – W.E.F. OCT '16		
26631	FIBRE SCIENCE AND YARN MANUFACTURE	36631 FIBRE SCIENCE AND YARN MANUFACTURE
26632	FASHION DESIGNING	36632 FASHION DESIGNING
26633	APPAREL DESIGNING	36633 APPAREL DESIGNING
26634	FASHION DESIGNING PRACTICAL	36634 FASHION DESIGNING PRACTICAL
26635	EMBROIDERY PRACTICAL	36635 EMBROIDERY PRACTICAL
26636	APPAREL DESIGNING PRACTICAL	36636 APPAREL DESIGNING PRACTICAL
20001	COMPUTER APPLICATION PRACTICAL**	30001 COMPUTER APPLICATION PRACTICAL**
IV SEMESTER – W.E.F. APR '17		
26641	HOME TEXTILE	36681 HOME TEXTILE [W.E.F. APR '18]
26142	TECHNOLOGY OF FABRIC MANUFACTURE [#]	36142 TECHNOLOGY OF FABRIC MANUFACTURE [#]
26643	CLOTHING MACHINERY AND EQUIPMENT	36643 CLOTHING MACHINERY AND EQUIPMENT
26644	PATTERN DRAFTING AND CONSTRUCTION – I	36644 PATTERN DRAFTING AND CONSTRUCTION – I
26645	PATTERN DRAFTING – I PRACTICAL	36645 PATTERN DRAFTING – I PRACTICAL
26646	GARMENT CONSTRUCTION– I PRACTICAL	36646 GARMENT CONSTRUCTION– I PRACTICAL
20002	COMMUNICATION AND LIFE SKILLS PRACTICAL**	30002 LIFE AND EMPOLYABILITY SKILL PRACTICAL**

V SEMESTER – W.E.F. OCT '17		
26051	TEXTILE TESTING*	36051 TEXTILE TESTING*
26052	TEXTILE WET PROCESSING*	36052 TEXTILE WET PROCESSING*
26653	PATTERN DRAFTING AND CONSTRUCTION – II	36653 PATTERN DRAFTING AND CONSTRUCTION – II
26671	APPAREL MERCHANDISING	36671 APPAREL MERCHANDISING
26672	INDIAN AND WESTERN COSTUMES	36672 INDIAN AND WESTERN COSTUMES
26655	TEXTILE TESTING AND WET PROCESSING PRACTICAL	36655 TEXTILE TESTING AND WET PROCESSING PRACTICAL
26656	PATTERN DRAFTING – II PRACTICAL	36656 PATTERN DRAFTING – II PRACTICAL
26657	GARMENT CONSTRUCTION– II PRACTICAL	36657 GARMENT CONSTRUCTION– II PRACTICAL
VI SEMESTER – W.E.F. APR '18		
26061	TEXTILE MANAGEMENT*	36061 TEXTILE MANAGEMENT*
26662	APPAREL QUALITY CONTROL	36662 APPAREL QUALITY CONTROL
26681	APPAREL PRODUCTION PLANNING AND CONTROL	36641 APPAREL PRODUCTION PLANNING AND CONTROL
26682	FASHION DRAPING	36682 FASHION DRAPING
26664	FASHION AND GARMENT CAD PRACTICAL	36664 FASHION AND GARMENT CAD PRACTICAL
26665	ADVANCED PATTERN DRAFTING AND CONSTRUCTION PRACTICAL	36665 ADVANCED PATTERN DRAFTING AND CONSTRUCTION PRACTICAL
26666	FASHION DRAPING PRACTICAL	36666 FASHION DRAPING PRACTICAL
26667	PROJECT WORK	36667 PROJECT WORK

1068 DIPLOMA IN TEXTILE TECHNOLOGY (KNITTING)ALTERNATE SUBJECTS

ALTERNATE SUBJECTS FOR III AND IV SEMESTER SUBJECTS			
SUBJECTS IN L – SCHEME		ALTERNATE SUBJECTS IN THE M– SCHEME	
III SEMESTER - W.E.F. OCT '16			
26031	Fibre Science andTechnology *	36031	Fibre Science andTechnology *
26732	Basic Weft Knitting	36732	Basic Weft Knitting
26633	Apparel Designing @	36633	Apparel Designing @
26734	Basic Weft Knitting –Practical	36734	Basic Weft Knitting practical
26735	Garment Pattern Draftingand Grading – Practical	36735	Garment Pattern Drafting and Grading Practical
26636	Apparel Designing-Practical @	36636	Apparel Designing-Practical @
20001	Computer Applications Practical **	30001	Computer Applications Practical **
IV SEMESTER – W.E.F. APR '17			
26141	Technology of Yarn Manufacture #	36141	Technology of Yarn Manufacture #
26142	Technology of Fabric Manufacture #	36142	Technology of Fabric Manufacture #
26643	Clothing Machinery &Equipment @	36643	Clothing Machinery & Equipment @
26744	Advanced Weft Knitting	36744	Advanced Weft Knitting
26745	Technology Of Yarn &Fabric Manufacture - Practical	36745	Technology Of Yarn &Fabric Manufacture - Practical
26746	Advanced Weft Knitting –Practical	36746	Advanced Weft Knitting –Practical
20002	Communication and LifeSkills Practical **	30002	Life and EmployabilitySkills Practical **

ALTERNATE SUBJECTS FOR V and VI SEMESTER SUBJECTS			
SUBJECTS IN L – SCHEME		ALTERNATE SUBJECTS IN THE M – SCHEME	
V SEMESTER – OCT '17			
26051	Textile Testing *	36051	Textile Testing *
26052	Textile Wet Processing *	36052	Textile Wet Processing *
26753	Warp Knitting and Hosiery Manufacture	36753	Warp Knitting and Hosiery Manufacture
Elective – I Theory			
26671	Apparel Merchandising @	36671	Apparel Merchandising @
26772	Fashion Illustration and Designing	36772	Fashion Illustration and Designing
26055	Textile Testing – Practical *	36055	Textile Testing – Practical *
26056	Textile Wet Processing – Practical *	36056	Textile Wet Processing – Practical *
26757	Warp Knitting And Hosiery Manufacture – Practical	36757	Warp Knitting And Hosiery Manufacture – Practical
VI SEMESTER – APR '18			
26061	Textile Management *	36061	Textile Management *
26662	Apparel Quality Control @	36662	Apparel Quality Control @
Elective – II Theory			
26681	Apparel Production Planning and Control @	36641	Apparel Production Planning and Control @
26782	Knitted Garment Construction	36782	Knitted Garment Construction
26764	Fashion Illustration and Designing - Practical	36764	Fashion Illustration and Designing - Practical
26765	Knitted Garment Construction - Practical	36765	Knitted Garment Construction - Practical
26766	Computer Aided Design in Apparel Manufacture - Practical	36766	Computer Aided Design in Apparel Manufacture - Practical
26767	Project Work	36767	Project Work

Important Note :

- ** Common Subject with All Diploma Engineering Courses**
- * Common Subject with Diploma in Textile Technology**
- # Common Subject with Diploma in Textile Processing**
- @ Common Subject with Diploma in Garment Technology**

1069 - DIPLOMA IN APPAREL TECHNOLOGY

ALTERNATE SUBJECT

'L' SCHEME TO 'M' SCHEME FROM APRIL, 2015-2016

Sub. Code	SUBJECTS IN THE L – SCHEME	PROPOSED SUBJECTS IN THE M – SCHEME
III SEMESTER – W.E.F. OCT'16		
26631	FIBRE SCIENCE AND YARN MANUFACTURE	36631 FIBRE SCIENCE AND YARN MANUFACTURE
26632	FASHION DESIGNING	36632 FASHION DESIGNING
26633	APPAREL DESIGNING	36633 APPAREL DESIGNING
26934	FASHION DESIGNING PRACTICAL	36934 FASHION DESIGNING PRACTICAL
26935	EMBROIDERY PRACTICAL	36935 EMBROIDERY PRACTICAL
26936	APPAREL DESIGNING PRACTICAL	36936 APPAREL DESIGNING PRACTICAL
20001	COMPUTER APPLICATIONS PRACTICAL	30001 COMPUTER APPLICATIONS PRACTICAL
IV SEMESTER – W.E.F APR '17		
26641	HOME TEXTILES	36681 HOME TEXTILES
26142	TECHNOLOGY OF FABRIC MANUFACTURE	36142 TECHNOLOGY OF FABRIC MANUFACTURE
26643	CLOTHING MACHINERY AND EQUIPMENT	36643 CLOTHING MACHINERY AND EQUIPMENT
26644	PATTERN DRAFTING AND CONSTRUCTION- I	36644 PATTERN DRAFTING AND CONSTRUCTION – I
26945	PATTERN DRAFTING – I PRACTICAL	36945 PATTERN DRAFTING – I PRACTICAL
26946	GARMENT CONSTRUCTION –I PRACTICAL	36946 GARMENT CONSTRUCTION –I PRACTICAL
20002	COMMUNICATION AND LIFE SKILL PRACTICAL	30002 LIFE AND EMPLOYABILITY SKILL PRACTICAL
V SEMESTER – W.E.F OCT '17		
26051	TEXTILE TESTING	36051 TEXTILE TESTING
26052	TEXTILE WET PROCESSING	36052 TEXTILE WET PROCESSING
26653	PATTERN DRAFTING AND CONSTRUCTION II	36653 PATTERN DRAFTING AND CONSTRUCTION II
26671	APPAREL MERCHANDISING	36671 APPAREL MERCHANDISING
26672	INDIAN AND WESTERN COSTUMES	36672 INDIAN AND WESTERN COSTUMES
26955	TEXTILE TESTING AND WET PROCESSING PRACTICAL	36955 TEXTILE TESTING AND WET PROCESSING PRACTICAL
26956	PATTERN DRAFTING – II PRACTICAL	36956 PATTERN DRAFTING – II PRACTICAL
26957	GARMENT CONSTRUCTION- II PRACTICAL	36957 GARMENT CONSTRUCTION- II PRACTICAL
VI SEMESTER – W.E.F. APR '18		
26061	TEXTILE MANAGEMENT*	36061 TEXTILE MANAGEMENT*
26662	APPAREL QUALITY CONTROL [®]	36662 APPAREL QUALITY CONTROL [®]
26681	APPAREL PRODUCTION PLANNING & CONTROL [®]	36641 APPAREL PRODUCTION PLANNING & CONTROL [®]
26982	INDUSTRIAL CLOTHING	36982 INDUSTRIAL CLOTHING
26964	FASHION AND GARMENT CAD PRACTICAL	36964 FASHION AND GARMENT CAD PRACTICAL
26965	ADVANCED PATTERN DRAFTING AND CONSTRUCTION PRACTICAL	36965 ADVANCED PATTERN DRAFTING AND CONSTRUCTION PRACTICAL
26966	FASHION DRAPING PRACTICAL	36966 FASHION DRAPING PRACTICAL
26967	PROJECT WORK	36967 PROJECT WORK

**1074 - DIPLOMA IN SUGAR TECHNOLOGY (FULL TIME)
ALTERNATE SUBJECTS**

Sem	Subject Code	L-SCHEME (Implementing academic year 2011-2012)	Subject Code	M-SCHEME (Implementing academic year 2015-2016)
III SEMESTER W.E.F OCT '16				
III	27431	Sugar Organic Chemistry	37431	Sugar Organic chemistry
III	27032	Mechanical Engineering*	37032	Mechanical Engineering*
III	27033	Electrical and Electronics Engineering*	37033	Electrical and Electronics Engineering*
III	27034	Mechanical Engineering Practical*	37034	Mechanical Engineering Practical*
III	27035	Electrical and Electronics Engineering Practical*	37035	Electrical and Electronics Engineering Practical*
III	27036	Work Shop Practice-II*	37036	Work Shop Practice-II*
III	20001	Computer application practical#.	30001	Computer application practical#.
IV SEMESTER W.E.F APR '17				
IV	27441	Chemical Process Industries	37441	Chemical Process Industries
IV	27042	Fluid Mechanics*	37042	Momentum transfer*
IV	27443	Sugar Cane Agriculture	37443	Sugar Cane Agriculture
IV	27044	Engineering Drawing*	37044	Engineering Drawing*
IV	27445	Sugar Technology Practical-I	37445	Sugar Technology Practical-I
IV	27046	Fluid Mechanics Practical*	37046	Momentum transfer Practical*
IV	27047	Technical Analysis Practical	37047	Technical Analysis Practical*
V SEMESTER W.E.F. OCT ' 17				
V	27051	Heat Transfer*	37051	Heat Transfer*
V	27452	Plantation White Sugar Manufacture	37452	Plantation White Sugar Manufacture
V	27053	Process Instrumentation and Control*	37053	Process Instrumentation and Control*
V	27471	Elective – I 1.Process Equipment Capacity	37471	Elective – I 1. 1.Process Equipment Capacity
	27472	2.By Product Corrosion In Sugar Industries	37472	2. By Product Corrosion In Sugar Industries
V	27055	Chemical Process Measurement and Control Practical*	37055	Chemical Process Measurement and Control Practical*
V	27456	Sugar Technology Practical-II	37456	Sugar Technology Practical-II
V	20002	Life and Employability Skill Practical#	30002	Life and Employability Skill Practical#
VI SEMESTER W.E.F APR '18				
VI	27561	Plant Engineering and Management	37561	Plant Engineering and Management
VI	27462	Milling And Chemical Control	37462	Milling And Chemical Control
VI	27481	ELECTIVE-II 1.Unit Operations	37481	ELECTIVE-II 1.Unit Operations
	27482	2.Raw Sugar Manufacture	37482	2.Raw Sugar Manufacture
VI	27464	Sugar technology practical -III	37464	Sugar technology practical -III
VI	27465	By Product And Quality Control Practical	37465	By Product And Quality Control Practical
VI	27466	Computer Application In Sugar Industry Practical	37466	Computer Application In Sugar Industries Practical
VI	27467	Project Work	37467	Project Work

1075 – Diploma in Petro Chemical Engineering

Alternate Paper – M Scheme

Se me ste r	Subject Code	L-SCHEME (Implementing academic year 2011-2012)	Subject Code	M-SCHEME (Implementing academic year 2016-2017)
III SEMESTER WITH EFFECT FROM OCT 16				
III	27131	Petroleum Refining	37131	Petroleum Refining
III	27032	Mechanical Engineering*	37032	Mechanical Engineering*
III	27033	Electrical and Electronics Engineering*	37033	Electrical and Electronics Engineering*
III	27034	Mechanical Engineering Practical*	37034	Mechanical Engineering Practical*
III	27035	Electrical and Electronics Engineering	37035	Electrical and Electronics Engineering
III	27136	Distillate Testing Practical - I	37136	Distillate Testing Practical- I
III	20001	Computer Applications Practical#	30001	Computer Applications Practical#
IV SEMESTER WITH EFFECT FROM APR 17				
IV	27041	Mechanical operations*	37041	Mechanical operations*
IV	27042	Fluid Mechanics*	37042	Momentum transfer*
IV	27143	Petrochemicals	37143	Basics of petrochemicals
IV	27044	Engineering Drawing*	37044	Engineering Drawing*
IV	27045	Mechanical operations Practical*	37045	Mechanical operations Practical*
IV	27046	Fluid Mechanics Practical*	37046	Momentum Transfer Practical*
IV	27047	Technical Analysis Practical	37047	Technical Analysis Practical*
V SEMESTER WITH EFFECT FROM OCT 17				
V	27051	Heat Transfer*	37051	Heat Transfer*
V	27052	Principles of Chemical Engineering*	37052	Chemical process calculations*
V	27053	Process Instrumentation and Control*	37053	Process Instrumentation and Control*
V	27171	Elective - I 1. Petrochemicals	37171	Elective - I 1. Petrochemical Technology
	27172	2. Plastics Technology	37172	2. Natural Gas Engineering
V	27055	Chemical Process Measurement and Control Practical*	37055	Chemical Process Measurement and Control Practical*
V	37056	Heat Transfer Practical*	37056	Heat Transfer Practical*
V	20002	Communication and Life Skills Practical#	30002	Life and Employability Skills Practical #
VI SEMESTER WITH EFFECT FROM APR 18				
VI	27161	Refinery Mass transfer	37161	Refinery Mass transfer
VI	27162	Processing of Chemicals	37162	Processing of Chemicals
VI	27181	Elective - II 1 Energy Resources and Safety Management	37181	Elective - II 1. Energy Resources and Safety Management
VI	27182	2. Industrial Ecology	37182	2. Environmental engineering
VI	27064	Mass Transfer Practical*	37064	Mass Transfer Practical*
VI	27165	Distillate Testing Practical - II	37165	Distillate Testing Practical - II
VI	27066	Chemical CAD Practical*	37066	Chemical CAD and Process Simulation Practical*
VI	27167	Project work	37167	Project work

1076 / 2079 Diploma in Chemical Engineering

Alternate Paper:

Semester	Subject Code	L- Scheme(Implementing academic year 2011 – 2012)	Subject Code	M- Scheme(Implementing academic
III semester W. E F. OCT 16				
III	27031	Organic Chemistry	37031	Industrial Chemistry
III	27032	Mechanical Engineering	37032	Mechanical Engineering
III	27033	Electrical and Electronics Engineering	37033	Electrical and Electronics
III	27034	Mechanical Engineering Practical	37034	Mechanical Engineering Practical
III	27035	Electrical and Electronics Engineering	37035	Electrical and Electronics
III	27036	Workshop Practice - II	37036	Workshop Practice - II
III	20001	Computer application practical	30001	Computer application practical
IV semester W. E F. APR 17				
IV	27041	Mechanical operations	37041	Mechanical operations
IV	27042	Fluid Mechanics	37042	Momentum transfer
IV	27043	Inorganic Chemical Technology	37043	Inorganic Chemical Technology
IV	27044	Engineering Drawing	37044	Engineering Drawing
IV	27045	Mechanical Operations Practical	37045	Mechanical Operations Practical
IV	27046	Fluid Mechanics Practical	37046	Momentum transfer Practical
IV	27047	Technical Analysis Practical	37047	Technical Analysis Practical
V semester W. E F. OCT 17				
V	27051	Heat Transfer	37051	Heat Transfer
V	27052	Principles of Chemical Engineering	37052	Chemical process calculations
V	27053	Process Instrumentation and Control	37053	Process Instrumentation and Control
V		Elective – I		Elective - I
	27071	1. Organic Chemical Technology	37071	1. Organic Chemical Technology
	27072	2. Industrial Safety and Pollution Control	37072	2. Industrial Safety and Pollution Control
V	27055	Chemical Process Measurement and Control Practical	37055	Chemical Process Measurement and Control Practical
V	27056	Heat Transfer Practical	37056	Heat Transfer Practical
V	20002	Communication and Life	30002	Life and employability Skill
VI semester W. E F. APR 18				
VI	27061	Mass Transfer-I	37061	Mass Transfer-I
VI	27062	Mass Transfer-II	37062	Mass Transfer-II
VI		Elective - II		Elective - II
	27081	1. Specific process Technologies	37081	1. Specific process Technologies
	27082	2. Process Plant Operations	37082	2. Process Plant Operations
VI	27064	Mass Transfer Practical	37064	Mass Transfer Practical
VI	27065	Petroleum Testing Practical	37065	Petroleum Testing Practical
VI	27066	Chemical CAD Practical	37066	Chemical CAD and Process Simulation Practical
VI	27067	Project Work	37067	Project Work
VII semester W. E F. APR 18				
VII	27092	Industrial Training & Report and Viva vice	37092	Industrial Training & Report and Viva vice

1202 - DIPLOMA IN PRINTING TECHNOLOGY

The following are the Alternate subjects for the 'K' SCHEME (Subject), 'L' SCHEME (subject) to the 'M' scheme (subject).

III SEMESTER – W. E.F OCT '16

Code No.	'K' SCHEME	Code No.	'L' SCHEME	Code No.	'M' SCHEME
18231	Printing Processes and Materials	28231	Printing Processes	38231	Printing Processes
18232	Visual Design and DTP	28232	Visual Design and DTP	38232	Visual Design and DTP
18233	Image Processing	28233	Image Processing	38233	Image Processing
18234	Design Studio Lab.	28234	Design Studio Practical.	38234	Design Studio Practical.
18235	Image Processing Lab.	28235	Image Processing Practical.	38235	Image Processing Practical.
18236	Printing Primer Lab.	28236	Printing Primer Practical.	38236	Printing Primer Practical.
-	-	20001	Computer Application Practical**.	30001	Computer Application Practical**.

IV SEMESTER - W. E.F APR '17

Code No.	'K' SCHEME	Code No.	'L' SCHEME	Code No.	'M' SCHEME
18241	Offset Printing Technology	28241	Offset Printing Technology	38241	Offset Printing Technology
18242	Gravure, Flexography and Screen Printing	28242	Gravure, Flexography and Screen Printing	38242	Gravure, Flexography and Screen Printing
18243	Print Finishing and Converting	28243	Print Finishing and Converting	38243	Print Finishing and Converting
		28244	Printing Materials	38244	Printing Materials
18244	Desk Top Publishing for Print Production Lab.	28245	Desk Top Publishing for Print Production Practical.	38245	Desk Top Publishing for Print Production Practical.
18245	Offset Machines Lab.	28246	Offset Machines Practical.	38246	Offset Machines Practical.
18246	Print Finishing Lab.	28247	Print Finishing Practical.	38247	Print Finishing Practical.

V SEMESTER - W. E.F OCT '17

Code No.	'K' SCHEME	Code No.	'L' SCHEME	Code No.	'M' SCHEME
18251	Digital Prepress	28251	Digital Prepress	38251	Digital Prepress
18252	Advanced Printing Technologies	28253	Advanced Printing Technologies	38253	Advanced Printing Technologies
18271	Elective: I – E – Publishing	28252	E-Publishing	38252	E-Publishing
18272	Elective: I – Packaging Technology	28254	Packaging Technology	38254	Packaging Technology
11011	English Communication Practical	20002	Communication and Life Skills Practical**	30002	Life and Employability Skill Practical**
18255	Digital Pre-Press Lab.	28255	Digital Pre-Press Practical	38255	Digital Pre-Press Practical.
18256	Packaging Lab.	28256	Packaging Practical	38256	Packaging Practical

VI SEMESTER - W. E.F APR '18

Code No.	'K' SCHEME	Code No.	'L' SCHEME	Code No.	'M' SCHEME
18261	Total Quality Management	28261	Total Quality Management	38261	Total Quality Management
18262	Printing Press Management	28262	Printing Press Management	38262	Printing Press Management
18281	Elective – II: Printing Machinery Maintenance	28263	Printing Machinery Maintenance	38263	Printing Machinery Maintenance
18282	Elective – II: Advertising in Print Media	28264	Print Quality Assurance Practical.	38264	Print Quality Assurance Practical.
18264	Print Quality Control Lab	28265	Machinery Maintenance Practical.	38265	Machinery Maintenance Practical.
18265	Industrial Exposure and Report	28266	Industrial Exposure and Report	38266	Industrial Exposure and Report
18266	Project Work	28267	Project Work	38267	Project Work

***common subject for all Diploma in Engineering and Technology courses*

1220 - Diploma in Mechanical Engineering (Tool & Die)
List of Alternate Subjects for L-Scheme subjects
III SEMESTER w.e.f. OCT '16

L-SCHEME			M-SCHEME	
S.No.	Subject Code	Name of the Subject	Subject Code	Name of the Subject
1.	22031	Strength of Materials ^{@@}	32031	Strength of Materials^{@@}
2.	22232	Manufacturing Technology	32232	Manufacturing Technology
3.	22233	Engineering Metrology	32233	Engineering Metrology
4.	22034	Machine Drawing ^{@@}	32033	Machine Drawing^{@@}
5.	22235	Engineering Metrology Practical	32235	Engineering Metrology Practical
6.	22236	Manufacturing Technology Practical	32236	Manufacturing Technology Practical
7.	20001	Computer Applications Practical ^{\$\$}	30001	Computer Applications Practical^{\$\$}

IV SEMESTER – w.e.f. APR '17

L-SCHEME			M-SCHEME	
S.No	Subject Code	Name of the Subject	Subject Code	Name of the Subject
1.	22241	Engineering Materials and Metallurgy	32241	Engineering Materials and Metallurgy
2.	22242	Fluid Power and Thermal Engineering	32242	Fluid Power and Thermal Engineering
3.	22243	Tool Room Special Machines	32243	Tool Room Special Machines
4.	22044	Computer Aided Machine drawing practical	---	No alternate subject
5.	22245	Mechanical Material Testing Practical	32245	Mechanical Material Testing Practical
6.	22246	Hydraulics and Pneumatics Practical	32246	Hydraulics and Pneumatics Practical
7.	22247	Tool Room Special Machines Practical	32247	Tool Room Special Machines Practical

@@ - Papers Common with Diploma in Mechanical Engineering Branch

V Semester - W.E.F. OCT '17

L - SCHEME			M - SCHEME	
S.No.	Subject Code	Name of the Subject	Subject Code	Name of the Subject
1.	22251	Jigs, Fixtures and Gauges	32251	Jigs, Fixtures and Gauges
2.	22252	Press Tools	32252	Press Tools
3.	22253	Forging Dies and Die casting dies	---	No alternate subject
4.	22254	Tool Design and Drawing	32254	Tool Design and Drawing
5.	22255	Press Tools - I Practical	32255	Press Tools - I Practical
6.	22256	Jigs and Fixtures Practical	32256	Jigs and Fixtures Practical
7.	20002	Communication and Life skills practical ^{\$\$}	30002	Life and Employability skill Practical ^{\$\$}

VI SEMESTER – w.e.f. APR '18

L - SCHEME			M - SCHEME	
S.No.	Subject Code	Name of the Subject	Subject Code	Name of the Subject
1.	22061	Industrial Engineering and Management ^{@@}	32061	Industrial Engineering and Management ^{@@}
2.	22062	Computer Integrated Manufacturing ^{@@}	32062	Computer Aided Design and Manufacturing ^{@@}
3.	22263	Plastic Moulding Technology	32263	Plastic Moulding Technology
4.	22064	Computer Integrated Manufacturing Practical ^{@@}	32064	Computer Aided Design and Manufacturing Practical ^{@@}
5.	22265	Press Tools – II Practical	32265	Press tools – II Practical
5.	22266	Plastic Moulds Practical	32266	Plastic Moulds Practical
6.	22267	Project Work	32267	Project Work

@@ - Papers Common with Diploma in Mechanical Engineering Branch

\$\$- Papers common with other branches of Engineering

1221 - DIPLOMA IN MECHANICAL (R & A/C) ENGINEERING

List of Alternate Subjects for L- Scheme to M-Scheme

L - SCHEME

M-SCHEME

III SEMESTER - W.E.F OCT '16

Subject	Name of subjects	Subject	Name of subjects
22031	Strength of Materials*	32031	Strength of Materials*
22032	Fluid Mechanics and Fluid Power *	32043	Fluid Mechanics and Fluid Power*
22033	Renewable Energy Sources*	32073	Renewable Energy Sources and Energy Conservation *[W.E.F OC '17]
22034	Machine Drawing*	32033	Machine Drawing*
22035	Mechanical Testing and Quality Control Practical *	32045	Strength of Materials and Fluid Mechanics Practical * [W.E.F. AP '17]
22036	Fluid Power Practical *	32045	Strength of Materials and Fluid Mechanics Practical *[W.E.F. APR 17]
20001	Computer Applications Practical**	32034	Computer Applications and CAD Practical *

IV SEMESTER - W.E.F APR '17

Subject	Name of subjects	Subject	Name of subjects
22041	Manufacturing Technology-I*	32032	Manufacturing Processes*
22042	Thermal Engineering - I*	32041	Heat Power Engineering *
22043	Electrical Drives & Control*	32044	Electrical Drives & Control*
22044	Computer Aided Machine Drawing Practical*	32034	Computer Applications and CAD Practical *
22045	Manufacturing Technology-I Practical*	32036	Lathe and Drilling Practical *
22046	Metrology & Measurement and Machine Tool Testing Practical*	32065	Machine Tool Testing and Maintenance Practical[W.E.F. AP '18]
22047	Electrical Drives & Control Practical*	32047	Electrical Drives & Control Practical*

* - Common with Mechanical Engineering

** - Common to all Diploma courses

V SEMESTER - W.E.F OCT '17

L - SCHEME

M-SCHEME

Subject Code	Name of Subjects	Subject Code	Name of Subjects
22451	Refrigeration	32451	Refrigeration
22452	Air Conditioning	32452	Air Conditioning
Elective Theory - I			
22471	R & A/C Machines	32454	R & A/C Machines
22472	Cryogenic Engineering	32471	Cryogenic Engineering
22454	Refrigeration and Air Conditioning Applications	32472	Refrigeration and Air Conditioning Applications
22455	Refrigeration Practical	32455	Refrigeration Practical
Elective Practical - I			
22473	R & A/C Machines Practical	32474	R & A/C Machines Practical
22474	Cryogenic Engineering Practical	32473	Cryogenic Engineering Practical
20002	Communication and Life Skills Practical**	30002	Life and Employability Skills Practical **

VI SEMESTER - W.E.F. APR ' 18

L - SCHEME

M-SCHEME

Subject Code	Name of Subjects	Subject Code	Name of Subjects
22061	Industrial Engineering and Management *	32061	Industrial Engineering and Management *
22062	Computer Integrated Manufacturing*	32062	Computer Aided Design and Manufacturing*
Elective Theory – II			
22481	Design of R & A/C	32481	Design of R & A/C
22482	R & A/C system Maintenance	32482	R & A/C system Maintenance
22464	R & A/C Equipment Service Practical	32464	R & A/C Equipment Service Practical
22465	Air Conditioning Practical	32465	Air Conditioning Practical
Elective Practical – II			
22483	Design of R & A/C Practical	32483	Design of R & A/C Practical
22484	R & A/C system Maintenance Practical	32484	R & A/C system Maintenance Practical
22467	Project Work	32467	Project Work

* - Common with Mechanical Engineering ** - Common to all Diploma courses

V SEMESTER - [W.E.F OCT '17] L - SCHEME**M-SCHEME**

Sl. No	Subjects Code	Name of Subject	Subject code	Name of Subject
1	22351	Tractor & Its Power Units	32351	Tractor and Its Power Units
2	22352	Farm Machinery	32352	Farm Machinery
Elective Theory:				
3	22371	Micro Irrigation	32343	Irrigation Engineering
	22372	Manufacturing Technology	32383	Manufacturing Engineering [W.E.F. APR '18]
	22373	Food Process Engineering	32372	Food Process Engineering
4	22354	SUGARCANE CROP PRODUCTION	32381	SUGARCANE CROP PRODUCTION [W.E.F. APR'18]
5	22355	Tractor and Its Power Units Practical	32354	Tractor and Its Power Units Practical
6	22056	Manufacturing Technology-II Practical*	32366	Machine shop – II Practical (Milling & Grinding)[W.E.F. APR '18]
7	30002	Life and Employability Skill Practical **	30002	Life and Employability Skill Practical **

VI SEMESTER - [W.E.F APR ' 18] L - SCHEME**M-SCHEME**

Sl.No	Subjects Code	Name of Subject	Subject code	Name of Subject
1	22061	Industrial Engineering & Management*	32061	Industrial Engineering & Management*
2	22062	Computer Integrated Manufacturing *	32062	Computer Aided Design and Manufacturing *
Elective Theory:				
3	22381	Sugarcane Harvester operations & Maintenance	32382	Dairy Engineering
	22382	Post Harvest Technology	32371	Post Harvest Technology
	22033	Renewable sources*	32073	Renewable Energy Sources and Energy Conservation*
4	22064	Computer Integrated Manufacturing Practical *	32064	Computer Aided Design and Manufacturing Practical*
5	22065	Process Automation Practical*	32055	Process Automation Practical*
6	22366	Farm Machinery Practical	32365	Farm Machinery Practical
7	22367	Project Work	32367	Project Work

1223 - Diploma in Fashion Technology

ALTERNATE SUBJECT

‘L’ SCHEME TO ‘M’ SCHEME

Sub. code	EXISTING SUBJECTS (L – SCHEME)	PROPOSED SUBJECTS (M - SCHEME)
III SEMESTER W.E.F. OCT ‘16		
26631	FIBRE SCIENCE AND YARN MANUFACTURE @	36631 FIBRE SCIENCE AND YARN MANUFACTURE @
27832	ART OF SKETCHING AND DRAWING	37832 ART OF SKETCHING AND DRAWING
26633	APPAREL DESIGNING @	36633 APPAREL DESIGNING @
27834	FASHION SKETCHING AND DRAWING PRACTICAL	37834 FASHION SKETCHING AND DRAWING PRACTICAL
27835	EMBROIDERY PRACTICAL @	37835 EMBROIDERY PRACTICAL
27836	APPAREL DESIGNING PRACTICAL @	37836 APPAREL DESIGNING PRACTICAL
20001	COMPUTER APPLICATIONS PRACTICAL**	30001 COMPUTER APPLICATIONS PRACTICAL**
IV SEMESTER – W.E.F. APR ‘17		
26641	HOME TEXTILES@	36681 HOME TEXTILES@
26142	TECHNOLOGY OF FABRIC MANUFACTURE#	36142 TECHNOLOGY OF FABRIC MANUFACTURE#
26643	CLOTHING MACHINERY AND EQUIPMENT@	36643 CLOTHING MACHINERY AND EQUIPMENT@
26644	PATTERN DRAFTING AND CONSTRUCTION-I @	36644 PATTERN DRAFTING AND CONSTRUCTION-I @
27845	HOME TEXTILES PRACTICAL	37845 HOME TEXTILES PRACTICAL
27846	PATTERN DRAFTING AND CONSTRUCTION- I PRACTICAL	37846 PATTERN DRAFTING - I PRACTICAL
20002	COMMUNICATION AND LIFE SKILLS PRACTICAL**	30002 LIFE AND EMPLOYABILITY SKILLS PRACTICAL**
V SEMESTER – W.E.F. OCT ‘17		
27851	CHEMICAL PROCESSING AND TESTING OF TEXTILES	37851 CHEMICAL PROCESSING AND TESTING OF

		TEXTILES
27852	APPAREL PRODUCTION AND QUALITY CONTROL	37852 APPAREL PRODUCTION AND QUALITY CONTROL
26653	PATTERN DRAFTING AND CONSTRUCTION- II [@]	36653 PATTERN DRAFTING AND CONSTRUCTION- II [@]
26671	APPAREL MERCHANDISING [@]	36671 APPAREL MERCHANDISING [@]
26672	INDIAN AND WESTERN COSTUMES [@]	36672 INDIAN AND WESTERN COSTUMES [@]
27855	CHEMICAL PROCESSING AND TESTING OF TEXTILES PRACTICAL	37855 CHEMICAL PROCESSING AND TESTING OF TEXTILES PRACTICAL
27856	FASHION ILLUSTRATION AND ACCESSORIES PRACTICAL	37856 FASHION ILLUSTRATION AND ACCESSORIES PRACTICAL
27857	PATTERN DRAFTING AND CONSTRUCTION- II PRACTICAL	37857 PATTERN DRAFTING - II PRACTICAL
VI SEMESTER – W.E.F. APR '18		
26061	TEXTILE MANAGEMENT*	36061 TEXTILE MANAGEMENT*
27862	FASHION CONCEPTS AND DESIGN TECHNIQUE	37862 FASHION CONCEPTS AND DESIGN TECHNIQUE
27881	INTERIOR DECORATION	37881 INTERIOR DECORATION
26682	FASHION DRAPING [@]	36682 FASHION DRAPING [@]
27864	FASHION CAD PRACTICAL	37864 FASHION CAD PRACTICAL
27865	FASHION CONCEPTS AND DESIGN PRACTICAL	37865 FASHION CONCEPTS AND DESIGN PRACTICAL
27866	FASHION DRAPING PRACTICAL [@]	37866 FASHION DRAPING PRACTICAL
27867	PROJECT WORK	37867 PROJECT WORK

1224 - Diploma in Textile Technology (Textile Design and Weaving) Full time

'L' scheme to 'M' scheme

III & IV Semesters

EXISTING SCHEME OF SUBJECTS IN L - SCHEME		ALTERNATE SUBJECTS IN THE PROPOSED M – SCHEME	
III Semester W.E.F. OCT '16			
26031	Fibre Science & Technology	36031	Fibre Science & Technology
26332	Ancient art and printed Textile designs	36332	Ancient art and printed Textile designs
26033	Fabric Manufacture – I	36033	Fabric Manufacture – I
26334	Ancient art and printed Textile designs Practical	36334	Ancient art and printed Textile designs Practical
26335	Basics of Textile Design Practical	36335	Basics of Textile Design Practical
26336	Fabric Manufacture – I Practical	36336	Fabric Manufacture – I Practical
20001	Computer Application Practical	30001	Computer Application Practical
IV Semester W.E.F. APR '17			
26141	Technology of Yarn Manufacture	36141	Technology of Yarn Manufacture
26342	Colour and Weave Effects	36342	Colour and Weave Effects
26043	Fabric Manufacture – II	36043	Fabric Manufacture – II
26044	Elementary Textile Design	36044	Elementary Textile Design
26345	Colour and Weave Effects Practical	36345	Colour and Weave Effects Practical
26346	Fabric Manufacture – II Practical	36346	Fabric Manufacture – II Practical
26347	Elementary Textile Designs Practical	36347	Elementary Textile Designs Practical

EXISTING SCHEME OF SUBJECTS IN L - SCHEME		ALTERNATE SUBJECTS IN THE PROPOSED M – SCHEME	
V Semester W.E.F. OCT '17			
26051	Textile Testing	36051	Textile Testing
26052	Textile Wet Processing	36052	Textile Wet Processing
26053	Advanced Textile Design	36053	Advanced Textile Design
26371	Elective: 1.Jacquard Designs for Home & Apparels	36371	Elective: 1.Jacquard Designs for Home & Apparels
26072	2.Technical Textiles	36072	2.Technical Textiles
26355	Textile Testing Practical	36355	Textile Testing Practical
26356	Textile Wet Processing Practical	36356	Textile Wet Processing Practical
20002	Communication & Life Skills Practical	30002	Life and employability Skills Practical
VI Semester W.E.F. APR '18			
26061	Textile Management	36061	Textile Management
26062	Garment Manufacture	36062	Garment Manufacture
26381	Elective: 1.Modern Weaving Technology	36381	Elective: 1.Modern Weaving Technology
26382	2.Application of Electronics in Weaving	36382	2.Application of Electronics in Weaving
26364	Garment Manufacture Practical	36364	Garment Manufacture Practical
26365	Jacquard Designs for Home & Apparels Practical	36365	Jacquard Designs for Home & Apparels Practical
26366	Modern Weaving Technology Practical	36366	Modern Weaving Technology Practical
26367	Project Work	36367	Project Work

1225 - DIPLOMA IN TEXTILE TECHNOLOGY (MAN MADE FIBRE)

Subject code	L Scheme	Subject code	Alternate Subject in M Scheme
III Semester W.E.F. OCT '16			
26231	Natural Fibre Science	36231	Science of Natural Fibres
26132	Preparation for Textile Processing	36132	Preparation for Textile Processing
26633	Apparel Designing	36633	Apparel Designing
26234	Fibre Analysis-Practical	36234	Fibre Analysis-Practical
26235	Preparation for Textile Processing-Practical	36235	Preparation for Textile Processing-Practical
26236	Apparel Designing-Practical	36236	Apparel Designing-Practical
20001	Computer Application Practical	30001	Computer Application Practical
IV Semester W.E.F. APR '17			
26141	Technology of Yarn Manufacture	36141	Technology of Yarn Manufacture
26142	Technology of Fabric Manufacture	36142	Technology of Fabric Manufacture
26243	Polymer Science and Regenerated Fibres	36243	Polymer Science and Regenerated Fibres
26244	Technology of Dyeing of Natural and Man Made Textiles	36244	Technology of Dyeing of Natural and Man Made Textiles
26245	Technology of Yarn Manufacture-Practical	36245	Technology of Yarn Manufacture-Practical
26246	Technology of Fabric Manufacture-Practical	36246	Technology of Fabric Manufacture-Practical
26247	Technology of Dyeing of Natural and Man Made Textiles-Practical	36247	Technology of Dyeing of Natural and Man Made Textiles-Practical

Subject code	L Scheme	Subject code	M Scheme
V Semester W.E.F. OCT '17			
26051	Textile Testing	36051	Textile Testing
26152	Technology of Textile Printing	36152	Technology of Textile Printing
26253	Synthetic Fibre Manufacture	36253	Synthetic Fibre Manufacture
5.4 Elective I			
26271	Garment Manufacturing Technology-I	36271	Garment Manufacturing Technology-I
26072	Technical Textile	36072	Technical Textile
26255	Textile Testing-Practical	36255	Textile Testing-Practical
26256	Garment Manufacturing Technology Practical	36256	Garment Manufacturing Technology Practical
20002	Communication and Life Skill practical	30002	Life and Employability Skill practical
VI Semester – W.E.F. APR '18			
26061	Textile Management	36061	Textile Management
26262	Technology of Finishing of Natural and Man Made Textiles	36262	Technology of Finishing of Natural and Man Made Textiles
6.3 Elective II			
26281	Garment Manufacturing Technology-II	36281	Garment Manufacturing Technology-II
26282	Advances in Synthetic Fibre Manufacture	36282	Advances in Synthetic Fibre Manufacture
26264	Textile Printing – Practical	36264	Textile Printing – Practical
26265	Technology of Finishing of Natural and Man Made Textiles-Practical	36265	Technology of Finishing of Natural and Man Made Textiles-Practical
26266	Advanced Garment Manufacturing Technology Practical	36266	Advanced Garment Manufacturing Technology Practical
26267	Project Work	36267	Project Work

1226 - DIPLOMA IN APPLIED ARTS AND CRAFTS (FASHION & APPAREL DESIGN)

**ALTERNATE SUBJECT
'L' SCHEME TO 'M' SCHEME**

Sub. code	SUBJECTS IN THE L – SCHEME	PROPOSED SUBJECTS (M - SCHEME)
III SEMESTER W.E.F. OCT '16		
26631	FIBRE SCIENCE AND YARN MANUFACTURE @	36631 FIBRE SCIENCE AND YARN MANUFACTURE @
27832	ART OF SKETCHING AND DRAWING \$	37832 ART OF SKETCHING AND DRAWING \$
26633	APPAREL DESIGNING @	36633 APPAREL DESIGNING @
26534	FASHION SKETCHING AND DRAWING PRACTICAL	36534 FASHION SKETCHING AND DRAWING PRACTICAL
26535	EMBROIDERY PRACTICAL @	36535 EMBROIDERY PRACTICAL @
26536	APPAREL DESIGNING PRACTICAL @	36536 APPAREL DESIGNING PRACTICAL @
20001	COMPUTER APPLICATIONS PRACTICAL **	30001 COMPUTER APPLICATIONS PRACTICAL **
IV SEMESTER – W.E.F. APR '17		
26641	HOME TEXTILES @	36681 HOME TEXTILES @
26142	TECHNOLOGY OF FABRIC MANUFACTURE #	36142 TECHNOLOGY OF FABRIC MANUFACTURE #
26643	CLOTHING MACHINERY AND EQUIPMENT @	36643 CLOTHING MACHINERY AND EQUIPMENT @
26644	PATTERN DRAFTING AND CONSTRUCTION-I @	36644 PATTERN DRAFTING AND CONSTRUCTION-I @
26545	HOME TEXTILES PRACTICAL	36545 HOME TEXTILES PRACTICAL
26546	PATTERN DRAFTING AND CONSTRUCTION- I PRACTICAL	36546 PATTERN DRAFTING AND CONSTRUCTION- I PRACTICAL
20002	COMMUNICATION AND LIFE SKILLS PRACTICAL **	30002 LIFE AND EMPLOYABILTY SKILL PRACTICAL **
V SEMESTER W.E.F OCT '17		
27851	CHEMICAL PROCESSING AND TESTING OF TEXTILES \$	37851 CHEMICAL PROCESSING AND TESTING OF TEXTILES \$
27852	APPAREL PRODUCTION AND QUALITY CONTROL \$	37852 APPAREL PRODUCTION AND QUALITY CONTROL \$
26653	PATTERN DRAFTING AND CONSTRUCTION- II @	36653 PATTERN DRAFTING AND CONSTRUCTION- II @

26671	APPAREL MERCHANDISING®	36671 APPAREL MERCHANDISING®
26672	INDIAN AND WESTERN COSTUMES®	36672 INDIAN AND WESTERN COSTUMES®
26555	CHEMICAL PROCESSING AND TESTING OF TEXTILES PRACTICAL	36555 CHEMICAL PROCESSING AND TESTING OF TEXTILES PRACTICAL
26556	FASHION ILLUSTRATION AND ACCESSORIES PRACTICAL	36556 FASHION ILLUSTRATION AND ACCESSORIES PRACTICAL
26557	PATTERN DRAFTING AND CONSTRUCTION- II PRACTICAL	36557 PATTERN DRAFTING AND CONSTRUCTION- II PRACTICAL
VI SEMESTER W.E.F. APR '18		
26061	TEXTILE MANAGEMENT*	36061 TEXTILE MANAGEMENT*
27862	FASHION CONCEPTS AND DESIGN TECHNIQUE \$	37862 FASHION CONCEPTS AND DESIGN TECHNIQUE \$
27881	INTERIOR DECORATION \$	37881 INTERIOR DECORATION \$
26682	FASHION DRAPING®	36682 FASHION DRAPING®
26564	FASHION CAD PRACTICAL	36564 FASHION CAD PRACTICAL
26565	FASHION CONCEPTS AND DESIGN PRACTICAL	36565 FASHION CONCEPTS AND DESIGN PRACTICAL
26566	HANDICRAFTS PRACTICAL	36566 HANDICRAFTS PRACTICAL
26567	PROJECT WORK	36567 PROJECT WORK

2021 - Diploma in Mechanical Engineering (FOUNDRY) (SW) - M-Scheme
List of Alternate Subjects for L - Scheme to M - Scheme
III SEMESTER W. E. F OCT '16

Sl No	Subject Code	L-SCHEME	Subject Code	M-SCHEME
01	22031	Strength of Materials*	39231	Solid Mechanics and Fluid Power
02	29232	Industrial Hydraulics And Pneumatics	39231	Solid Mechanics and Fluid Power
03	22033	Renewable Energy Sources*	39252	Thermal and Renewable Energy [W.E.F. OCT '17]
04	22034	Machine Drawing*	32033	Machine Drawing *
05	22035	Mechanical Testing & Quality Control Practical *	32045	Strength of Materials and Fluid Mechanics Practical *
06	22036	Fluid Power Practical *	32045	Strength of Materials and Fluid Mechanics Practical *
07	20001	Computer Applications Practical*	32034	Computer Applications and CAD Practical *

IV SEMESTER W.E.F APR '17

Sl No	Subject Code	L-SCHEME	Subject Code	M-SCHEME
01	22041	Manufacturing Technology –I*	39232	Industrial Production Technology – I
02	22045	Manufacturing Technology - I Practical*	32036	Lathe and Drilling Practical *
03	29191	Industrial Training – I (Report Writing & Viva Voce)	39191	Industrial Training – I (Report Writing & Viva Voce)

V SEMESTER W. E. F OCT '17

Subject Code	L-SCHEME	Subject Code	M-SCHEME
29251	Thermal Equipments And Energy Conservation #	39252	Thermal and Renewable Energy #
22043	Electrical Drives & Control*	32044	Electrical Drives & Control *
29153	Foundry Technology – I	39153	Moulding Materials And Processes
29154	Metallurgy	39133	Physical Metallurgy
22044	Computer Aided Machine Drawing Practical *	32034	Computer Applications and CAD Practical *
29256	Thermal Equipments Performance Practical #	39258	Thermal Equipments Performance Practical #
29157	Sand Testing And Metallurgy practical	39167	Sand Testing And Metallurgy practical [W.E.F. APR '18]
22047	Electrical Drives and control practical*	32047	Electrical Drives & Control Practical *

VI SEMESTER W. E. F. APR '18

Sl No	Subject Code	L-SCHEME	Subject Code	M-SCHEME
01	22052	Manufacturing Technology - II*	39251	Industrial Production Technology - II
02	29162	Metal Forming Process	39164	Metal Forming Technology
03	22061	Industrial Engineering and Management*	39265	Engineering Management
04	22062	Computer Integrated Manufacturing *	32062	Computer Aided Design and Manufacturing *
05	29165	Foundry Technology- II	39163	Foundry Mechanization And Fettling
06	22056	Manufacturing Technology – II Practical*	32046	Special Machines Practical*
07	22064	Computer Integrated Manufacturing Practical *	32064	Computer Aided Design and Manufacturing Practical *
08	20002	Communication & Life Skills Practical *	30002	Life and Employability Skill Practical *

VII SEMESTER W. E.F OCT ' 18

Sl No	Subject Code	L-SCHEME	Subject Code	M-SCHEME
01	29171	Foundry Technology Practical	39171	Foundry Technology Practical
02	22065	Process Automation Practical*	32055	Process Automation Practical*
03	29173	Project Work	39173	Project Work
04	29192	Industrial Training – II (Report Writing & Viva Voce)	39192	Industrial Training – II (Report Writing & Viva Voce)

**2022 - Diploma in Mechanical Engineering (MTMR) (SW) - M-Scheme
List of Alternate Subjects for L - Scheme to M - Scheme
III SEMESTER – WITH EFFECT FROM OCTOBER 2016**

Subject Code	L-SCHEME	Subject Code	M-SCHEME
22031	Strength of Materials	39231	Solid Mechanics and Fluid Power
29232	Industrial Hydraulics And Pneumatics	39231	Solid Mechanics and Fluid Power
22033	Renewable Energy Sources**	39252	Thermal and Renewable Energy [W.E.F. OCT '17]
22034	Machine Drawing**	32033	Machine Drawing**
22035	Mechanical Testing & Quality Control Practical **	32045	Strength of Materials and Fluid Mechanics Practical
22036	Fluid Power Practical **	32045	Strength of Materials and Fluid Mechanics Practical
20001	Computer Applications Practical	32034	Computer Applications and CAD Practical

IV SEMESTER WITH EFFECT FROM APRIL 2017

Subject Code	L-SCHEME	Subject Code	M-SCHEME
22041	Manufacturing Technology –I**	39232	Industrial Production Technology – I
22045	Manufacturing Technology - I Practical**	32036	Lathe and Drilling Practical
29291	Industrial Training – I (Report Writing & Viva Voce)	39291	Industrial Training – I (Report Writing & Viva Voce)

V SEMESTER – WITH EFFECT FROM OCTOBER 2017

Subject Code	L-SCHEME	Subject Code	M-SCHEME
29251	Thermal Equipments And Energy Conservation	39252	Thermal and Renewable Energy
22043	Electrical Drives & Control**	32044	Electrical Drives & Control**
29253	Metrology and Instrumentation	39253	Engineering Metrology
29254	Industrial Equipment Maintenance	39254	Maintenance of Machine Drive Elements
22044	Computer Aided Machine Drawing Practical **	32034	Computer Applications and CAD Practical
29256	Thermal Equipments Performance Practical	39258	Thermal Equipments Performance Practical
29257	Metrology and Instrumentation Practical	32037	Metrology and Metallography Practical *
22047	Electrical Drives and control practical**	32047	Electrical Drives & Control Practical

VI SEMESTER – WITH EFFECT FROM APRIL 2018

Subject Code	L-SCHEME	Subject Code	M-SCHEME
22052	Manufacturing Technology - II**	39251	Industrial Production Technology - II
29262	Machine Tool Reconditioning & Overhauling	39264	Machine Tool Reconditioning and Overhauling
22061	Industrial Engineering and Management**	39265	Engineering Management
22062	Computer Integrated Manufacturing **	32062	Computer Aided Design and Manufacturing
29265	Total Productive Maintenance	39263	Total Quality Management and Total Productive Maintenance
22056	Manufacturing Technology – II Practical**	32046	Special Machines Practical
22064	Computer Integrated Manufacturing Practical **	32064	Computer Aided Design and Manufacturing Practical
20002	Communication & Life Skills Practical *	30002	Life and Employability skill Practical**

VII SEMESTER – WITH EFFECT FROM OCT 2018

Subject Code	L-SCHEME	Subject Code	M-SCHEME
29271	Machine Tool Reconditioning & Overhauling Practical	39271	Maintenance Lab - II
22065	Process Automation Practical**	32055	Process Automation Practical
29273	Project Work	39273	Project Work
29292	Industrial Training – II (Report Writing & Viva Voce)	39292	Industrial Training – II (Report Writing & Viva Voce)

2074 - Diploma in Polymer Technology
ALTERNATE SUBJECTS IN MScheme FOR L Scheme

	L SCHEME		M SCHEME
Course Code	Subject	Course code	Alternate Subject
III SEMESTER [W.E.F. OCT '16]			
27031	Organic Chemistry	37531	Basic Organic Chemistry
27032	Mechanical Engineering	37032	Mechanical Engineering
27033	Electrical and Electronics Engineering	37033	Electrical and Electronics Engineering
27534	Auto CAD Practice	37534	CAD Practice
27035	Electrical and Electronics Engineering Practical	37035	Electrical and Electronics Engineering Practical
27036	Workshop Practice II	37036	Workshop Practice – II
20001	<i>Computer Applications Practical</i>	30001	Computer Applications Practical
IV SEMESTER [W.E.F. APR '17]			
27541	Polymer Science	37541	Polymer Science
27542	Polymeric Materials	37542	Polymeric Materials
27543	Chemical Engineering	37543	Chemical Engineering
27044	Engineering Drawing	37044	Engineering Drawing
27545	Polymer Science Practical	37545	Polymer Science Practical
27546	Polymer Preparation and Identification Practical	37546	Polymer Preparation and Identification Practical
27547	Chemical Engineering Practical	37547	Chemical Engineering Practical
V SEMESTER [W.E.F. OCT '17]			
27551	Plastics Processing Technology	37551	Plastics Processing
27552	Rubber Processing and Product Manufacture	37552	Rubber Processing and Product Manufacture
27053	Process Instrumentation and	37053	Process Instrumentation and

	Control		Control
27571	ELECTIVE I 1. Polymer Composites	37571	ELECTIVE I 1. Polymer Composites
27572	ELECTIVE I 2. Bio-Polymeric Materials	37572	ELECTIVE I 2. No Alternate
27055	Chemical Process Measurement and Control practical	37055	Chemical Process Measurement and Control practical
27556	Polymer Processing Practical	37556	Polymer Processing Practical
20002	Communication and Life Skill Practical	30002	Life and Employability Skill Practical#
VI SEMESTER [W.E.F. APR 18]			
27561	<i>Plant Engineering and Management</i>	37561	<i>Plant Engineering and Management</i>
27562	Polymer Testing	37562	Polymer Testing
27581	ELECTIVE II: 1. Polymer Mould Engineering	37581	ELECTIVE II: 1. Polymer Mould Engineering
27582	ELECTIVE II: 2. Packaging Technology	37582	ELECTIVE II: 2. Packaging Technology
27564	Polymer Testing Practical	37564	Polymer Testing Practical
27565	Computer Aided Mould Design Practical	37565	Computer Aided Mould Design Practical
27566	Mould Making Practical	37566	Mould Making Practical
27567	Project Work	37567	Project Work
VII SEMESTER [W.E.F. OCT '18]			
27592	Industrial Training Report and Viva Voce	37592	Industrial Training Report and Viva Voce

2080 - DIPLOMA IN CERAMIC TECHNOLOGY (SANDWICH)

ALTERNATE SUBJECTS

Semester	Subject Code	L- SCHEME (Implementing from the academic year 2011-2012)	Subject Code	M-SCHEME (Implementing from the academic year 2015-2016)
III SEMESTER [W.E.F. OCT '16]				
III	28031	General Engineering	38031	General Engineering
III	28032	Geology	38032	Geology
III	28033	Ceramic Raw materials	38033	Ceramic Raw materials
III	28034	Geology laboratory	38034	Geology laboratory
III	28035	Ceramic raw materials analysis Laboratory	38035	Ceramic raw materials analysis Laboratory
III	28036	Ceramic Testing Laboratory - I	38036	Ceramic Testing Laboratory - I
III	20001	Computer Applications Practical#	30001	Computer Applications Practical#
IV SEMESTER [W. E. F APR '17]				
IV	28041	Unit operations	38041	Unit operations
IV	28042	Ceramic Fabrication process	38042	Ceramic Fabrication process
IV	28043	Whiteware and Heavy Clayware	38043	Whiteware and Heavy Clayware
IV	27044	Engineering Drawing*	37044	Engineering Drawing*
IV	28045	Ceramic Testing Laboratory - II	38045	Ceramic Testing Laboratory - II
IV	28046	Moulding Laboratory	38046	Moulding Laboratory
IV	28047	Ceramic Processing Laboratory	38047	Ceramic Processing Laboratory

V SEMESTER [W.E.F. OCT '17]				
V	28051	Glaze Technology	38051	Glaze Technology
V	28052	Properties of Ceramics	38052	Properties of Ceramics
V	28053	Refractories	38053	Refractories
V	28071	Glass and Cement Technology	38071	Glass Technology
V	28072	Cement Technology	38072	Cement Technology
V	28055	Slip Testing Laboratory	38055	Slip Testing Laboratory
V	28056	Refractories Laboratoty	38056	Refractories Laboratoty
V	20002	Communication and Life Skills Practical#	30002	Life and Employability Skill Practical#
VI SEMESTER [W.E.F. APR '18]				
VI	27561	Plant Engineering and Management	37561	Plant Engineering and Management
VI	28062	Furnace Technology	38062	Furnace Technology
VI	28081	Refractories Application	38081	Refractories Application
VI	28082	Special Ceramics	38082	Special Ceramics
VI	28064	Ceramic Body Preparation Laboratory	38064	Ceramic Body Preparation Laboratory
VI	28065	Glaze Laboratory	38065	Glaze Laboratory
VI	28066	Enamel Laboratory	38066	Enamel Laboratory
VI	28067	Project work	38067	Project work
VII SEMESTER [W.E.F. OCT '18]				
VII	28092	Industrial Training and Report and viva voce	38092	Industrial Training and Report and viva voce

2101 - DIPLOMA IN LEATHER TECHNOLOGY (SAND-WICH)

ALTERNATE SUBJECTS IN THE NEW SYLLABUS (M- SCHEME)

The following are the alternate subjects in the M-Scheme corresponding to the subjects in the old syllabus (L-Scheme) of Diploma in Leather Technology Course.

III SEMESTER W. E. F OCT '16

S.No	L SCHEME	S.No	M SCHEME
	SUBJECTS		SUBJECTS
29031	Applied Leather Chemistry	39031	Applied Leather Chemistry
29032	Basics of Leather Manufacture	39032	Basics of Leather Manufacture
29033	Theory of Pre tanning and Tanning	39033	Theory of Pre tanning and Tanning
29034	Safety in Leather Industry	39044	Safety in Leather Industry (W.E.F. AP '17)
29035	Leather Chemicals Testing Practical	39035	Pre tanning Chemicals Testing Practical
29036	Pre tanning process Practical	39036	Pre tanning process practical
29037	Leather machines basic operation practical	39046	Leather machines basic operation practical (W.E.F. AP '17)
20001	Computer Application Practical*	30001	Computer Application Practical*

IV SEMESTER (W.E.F. APR '17)

S.No	L SCHEME	S.No	M SCHEME
	SUBJECTS		SUBJECTS
29041	Process of Heavy Leather Manufacture	39034	Process of Heavy Leather Manufacture
29042	Heavy Leather manufacture Practical	39037	Heavy Leather manufacture Practical
29043	Industrial Training Report & Assessment -1	--	No Alternate

V SEMESTER (W.E.F. OCT '17)

S.No	L SCHEME	S.No	M SCHEME
	SUBJECTS		SUBJECTS
29051	Theory of Post tanning and Finishing	39041	Theory of Post tanning and Finishing
29052	Process of light leather manufacture	39042	Process of light leather manufacture
29053	Plant layout and leather machines	39073	Plant layout and leather machines(W.E.F. OC '18)
29054	Footwear fabrication Technology	39072	Footwear fabrication Technology(W.E.F. OC '18)
29055	Light Leather Manufacture practical	39045	Light Leather Manufacture practical
29056	Plant layout and leather machines Practical	39076	Plant layout and leather machines Practical (W.E.F. OC '18)
29057	Footwear Fabrication Practical	39074	Footwear Fabrication Practical (W.E.F. OC '18)
20002	Communication and life skill Practical*	30002	Life and Employability skill Practical*

VI SEMESTER (W.E.F. APR '18)

S.No	L SCHEME	S.No	M SCHEME
	SUBJECTS		SUBJECTS
29061	Leather Chemicals & Auxiliaries	39061	Leather Chemicals & Auxiliaries
29062	Theory of Leather testing	39062	Theory of Leather testing
29063	Tannery Effluent Treatment & Waste Management	39063	Tannery Effluent Treatment & Waste Management
29064	Leather Product Fabrication	39064	Leather Product Fabrication
29065	Chemical testing of Leather practical	39065	Chemical testing of Leather practical
29066	Leather finishing practical	39066	Leather finishing practical
29067	Leather Product Fabrication practical	39067	Leather Product Fabrication practical
29068	Project Work	39077	Project Work [W.E.F. OCT '18]

VII SEMESTER (W.E.F. OCT '18)

S.No	L SCHEME	S.No	M SCHEME
	SUBJECTS		SUBJECTS
29071	Industrial Management & Entrepreneurship	39071	Industrial Management & Entrepreneurship
29072	Physical testing practical	39075	Physical testing practical
29092	Industrial Training Report & Assessment -II	39092	Industrial Training Report & Assessment

1214 - Diploma in Hotel Management and Catering Technology

I Year

Alternate subjects in "M" Scheme to appear for failed papers in "L" Scheme.

S.No.		L Scheme – Subject		M – Scheme Alternative Subjects
1	28911	Food Production and Patisserie	38911	Food Production and Patisserie
2	28912	Food & Beverage Service	38912	Food & Beverage Service
3	28913	Accommodation Operation	38913	Accommodation Operation
4	28914	Front Office Operation	38914	Front Office Operation
5	28915	Hospitality Accounts	38915	Hospitality Accounts
6	28916	Food Safety and Nutrition	38916	Food Safety and Nutrition
7	28917	Personality Development	38917	Personality Development
8	28918	Food Production and Patisserie Practical	38918	Food Production and Patisserie Practical
9	28919	Food & Beverage Service Practical	38919	Food & Beverage Service Practical
10	28921	Accommodation Operation Practical	38921	Accommodation Operation Practical
11	28922	Front Office Operation Practical	38922	Front Office Operation Practical
12	28923	Fundamentals of Computers	38923	Fundamentals of Computers
13	28924	Hospitality Communication	38924	Hospitality Communication

1214 - Diploma in Hotel Management and Catering Technology

Alternate subjects

III Semester [W.E.F. OCT '16]

S.No.		L Scheme – Subject		M – Scheme Alternative Subjects
1	28931	Quantity Food Production	38931	Quantity Food Production
2	28932	Beverage Service	38932	Beverage Service
3	28933	Advanced Acc. Operation	38933	Advanced Acc. Operation
4	28934	Advanced Front Office Operation	38934	Advanced Front Office Operation
5	28935	Property Management System (practical)	38935	Property Management System (practical)
6	28936	Quantity Food Production Practical	38936	Quantity Food Production Practical
7	28937	Beverage Service Practical	38937	Beverage Service Practical
8	28938	Advanced Acc. Operation Practical	38938	Advanced Acc. Operation Practical
9	28939	Advanced Front Office Operation Practical	38939	Advanced Front Office Operation Practical
10	20003	English Communication Practical	30003	English Communication Practical

IV Semester [W.E.F. APR '17]

S.No.		L Scheme – Subject		M – Scheme Alternate Subjects
1	28941	Industrial Training@ (After the training, practical examination for Industrial Training will be conducted during the semester examinations.)	38941	Industrial Training@ (After the training, practical examination for Industrial Training will be conducted during the semester examinations.)

V Semester [W.E.F. OCT '17]

S.No.		L Scheme – Subject		M – Scheme Alternate Subjects
1	28951	Advanced Culinary Arts	38951	Advanced Culinary Arts
2	28952	Food & Beverage Management	38952	Food & Beverage Management
3	28953	Accommodation Management	38953	Accommodation Management
Elective: I <u>(Any One)</u>				Elective: I <u>(Any One)</u>
4	28971	1.Gardemanger	38971	1.Gardemanger
	28972	2.Interior Decoration	38972	2.Interior Decoration
	28973	3.Bar Management	38973	3.Bar Management
	28974	4.Marketing & Sales	38974	4.Marketing & Sales
5	28955	Advanced Culinary Arts Practical	38955	Advanced Culinary Arts Practical
6	28956	Food & Beverage Management Practical	38956	Food & Beverage Management Practical

VI Semester [W.E.F. APR '18]

S.No.		L Scheme – Subject		M – Scheme Alternative Subjects
		<u>Elective Theory – II*</u>		
1	28981	Specialized Culinary Skills and Management	38981	Specialized Culinary Skills and Management
	28982	Specialized Service Skills and Management	38982	Specialized Service Skills and Management
	28983	Specialized In Accommodation Management	38983	Specialized In Accommodation Management
	28984	Specialization In Front Office Management	38984	Specialization In Front Office Management
2	28962	Principles Of Management	38962	Principles Of Management
6	28985	<u>Elective Practical *</u> Specialized Culinary Skills and Management practical	38985	<u>Elective Practical *</u> Specialized Culinary Skills and Management practical
	28986	Specialized Service Skills and Management practical	38986	Specialized Service Skills and Management practical
	28987	Specialized In Accommodation Management practical	38987	Specialized In Accommodation Management practical
	28988	Specialization In Front Office Management practical	38988	Specialization In Front Office Management practical
4	28964	French & Hindi Communication Practical	38963	French & Hindi Communication Practical
5	28965	Project, Environmental & Disaster Management	38964	Project, Environmental & Disaster Management

**1054 - Diploma in 3D Animation& Graphics
M – Scheme (With effect from 2015-2016)**

List of Alternate Subjects for L - Scheme to M – Scheme

II Semester [W.E.F. APR '16]

Subject Code	L SCHEME	Subject Code	M SCHEME
25424	Engineering Physical Science	35424	Engineering Physical Science
25425	Art & Foundation -I	35425	Art & Foundation -I
25427	Engineering Physical Science - practical	35427	Engineering Physical Science - practical
25428	Art & Foundation I - practical	35427	Art & Foundation I - practical

III Semester [W.E.F OCT '16]

Subject Code	L SCHEME	Subject Code	M SCHEME
25431	Art & Foundation -II	35431	Art and Foundation -II
25432	Graphic Designing	35432	Graphic Designing
25433	2D Graphics & Animation	-----	NO ALTERNATE
25434	Art & Foundation -II Practical	35434	Art and Foundation II - practical
25435	Graphic Designing Practical	35435	Graphic Designing Practical
25436	2D Graphics & Animation-Practical	35436	2D Graphics and Animation - Practical
20001	Computer application practical	30001	Computer Applications Practical

IV Semester[W.E.F APR '17]

Subject Code	L SCHEME	Subject Code	M SCHEME
25441	3D Animation & Graphics	35441	3D Animation and Graphics
25442	2D Digital Animation	35442	2D Digital Animation
25443	Digital Photography	35443	Digital Photography
25444	Web Designing	35444	Web Designing
25445	3D Animation & Graphics Practical	35445	3D Animation and Graphics Practical
25446	2D Digital Animation - Practical	35446	2D Digital Animation - Practical
25447	Digital Photography - Practical	35447	Digital Photography - Practical

V Semester [W.E.F OCT '17]

Subject Code	L SCHEME	Subject Code	M SCHEME
25451	Advance 3d Graphics & Animation - I	35451	3D Modeling and Texturing
25452	Advance 3d Graphics & Animation - II	35452	3d Rigging Techniques
25453	Advance 3d Dynamics	35453	Advance 3D Dynamics
25454	Elements Of Film Technology	35433	Elements Of Film Technology
25455	Advance 3d Graphics & Animation - I Practical	35455	3D Modeling and Texturing- Practical
25456	Advance 3d Graphics & Animation - II Practical	35456	3D RIGGING and ANIMATION - PRACTICAL
20002	Communication & life Skills – Practical+	30002	Communication & Life Skills – Practical+

VI Semester [W.E.F. APR '18]

Subject Code	L SCHEME	Subject Code	M SCHEME
25461	Cinematography	35461	Cinematography
25462	Editing Techniques	-----	NO ALTERNATE
25463	Visual EFX & Composting Techniques	35463	Visual EFX and Composting Techniques
25464	Editing -Practical	35464	Editing Practical
25465	Rotoscopic - Practical	-----	NO ALTERNATE
25466	Composting - Practical	35466	Composting Practical
25467	Project work	35467	Project work

1081 - DIPLOMA IN MODERN OFFICE PRACTICE

ALTERNATE PAPERS IN M-SCHEME FOR L-SCHEME

III SEMESTER [W.E.F. OCT '16]

'L' Scheme		'M' Scheme	
Subject	Name of the subject	Subject	Name of the subject
28131	English I	38131	English I
28132	Advanced Accountancy -- I		No Alternate
28133	Business Statistics	38134	Business Statistics
28134	Business Law	38151	Business Law[W.E.F. OCT '17
28135	Typewriting English Junior Paper I (GTE)	38135	Typewriting English GTE- Junior Paper - I
28135	Typewriting Tamil Junior Paper I (GTE)		No Alternate
28136	Desktop Publishing – Lab.	38137	Desktop Publishing – Lab.

IV SEMESTER [W.E.F. APR '17]

'L' Scheme		'M' Scheme	
Subject	Name of the subject	Subject	Name of the subject
28141	English II	38141	English II
28142	Advanced Accountancy – II	38142	Partnership Accounting
28143	Company Law		No Alternate
28144	Typewriting English Junior Paper II (GTE)	38144	Typewriting English Junior Paper II (GTE)
28144	Typewriting Tamil Junior Paper II (GTE)		No Alternate
28145	Visual Basic – Lab		No Alternate
28171	Elective : Elements of Shorthand English	38181	Elements of Shorthand English –Theory -- II
28172	Marketing-I	38182	Marketing

V SEMESTER [W.E.F. OCT '17]

'L' Scheme		'M' Scheme	
Subject	Name of the subject	Subject	Name of the subject
28151	Auditing	38192	Auditing
28152	Advanced Accountancy - III	38133	Advanced Financial Accounting
28153	Cost Accounting	38143	Cost Accounting
28154	Oracle		No Alternate
28155	Typewriting English Senior Paper I (GTE)	38154	Typewriting English – GTE Senior -- Paper - I
28155	Typewriting Tamil Senior Paper I (GTE)		No Alternate
20002	Communication and life skill practical	30002	Life and Employability Skill Practical
28157	Oracle – Lab	38147	Oracle – Lab

VI SEMESTER [W.E.F. APR '18]

'L' Scheme		'M' Scheme	
Subject	Name of the subject	Subject	Name of the subject
28161	Business Communication	38161	Business Communication
28162	Advanced Accountancy -- IV	38152	Corporate Accounting
28163	Management Accounting	38153	Management Accounting
28164	Business Environmental Management		No Alternate
28165	Typewriting English Senior Paper II (GTE)	38165	Typewriting English – GTE Senior -- Paper - II
28165	Typewriting Tamil Senior Paper II (GTE)		No Alternate
28166	Tally - Lab	38156	Computerised Accounting – Lab
28181	Shorthand English Junior Grade Speed Paper I (GTE)	38191	Shorthand – English – GTE Junior (80 WPM)
28182	Marketing-II	38187	Advertising & Salesmanship

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Alternate Papers for 'L' Scheme in 'M' Scheme

Cinematography III Semester (w.e.f OCT. 2016)

L Scheme		M Scheme	
21531	Motion Picture Camera and Lenses	31531	Motion Picture Camera And Lenses
21532	Creative Lighting Techniques	31532	Creative Lighting Techniques
21533	Television Production Techniques	31523	Television Production Techniques
21534	Practical in Cinematography- I	31534	Specialization Practical In Cinematography – I
21535	Television Production Practicals	31527	Practical in Television Production
21536	Film Production Project – I Continuity	31536	Film Production Project – I Continuity Exercises (Cine)
21537	Film Appreciation Practical-III	31537	Film Appreciation Practical- II (Cine)

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Alternate Papers for 'L' Scheme in 'M' Scheme

Cinematography IV Semester (w.e.f APR. 2017)

L Scheme		M Scheme	
21541	Creative Components of Visual Design	31541	Creative Components of Visual Design
21542	Advanced Motion Picture Equipments and Techniques	31542	Advanced Motion Picture Equipment and Techniques
21543	Practical in Cinematography - II	31543	Specialization Practical in Cinematography – II
21544	Video Production Project - Quickie	31535	Television Production Project -Quickie
21545	Film Production Project -II Scene Exercise(Cine)	31544	Film Production Project II - Scene Exercise (Cine)
21546	Film Appreciation Practical-IV-(Cine)	31546	Film Appreciation Practical- III (Cine)

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Alternate Papers for 'L' Scheme in 'M' Scheme

Cinematography V Semester (w.e.f OCT. 2017)

L Scheme		M Scheme	
21551	Digital and Special Process Cinematography	31551	Digital and Special Process Cinematography
21552	Creative Camera Work	31552	Creative Camera Work
21553	Designing of Film and Television Production Practical – I(Cine)	31553	Designing of Film And Television Production – I (Cine)
21554	Practical in Cinematography- III	31554	Specialization Practical In Cinematography – III
21555	Film Production Practicals –III- Mise-en-shot & Break Down(Cine)	31556	Film Production Practicals –IV Mise-En-Shot & Break Down Exercise (Cine)
21556	Film Appreciation Practical – V (Cine)	31555	Film Appreciation Practical – IV (Cine)

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Alternate Papers for 'L' Scheme in 'M' Scheme

Cinematography VI Semester (w.e.f APR. 2018)

L Scheme		M Scheme	
21561	Practicals in Cinematography - IV	31561	Specialization Practical in Cinematography – IV
21562	Designing Film and Television Production – II (Cine)	31562	Designing of Film and Television Production – II (Cine)
21563	Video Production Project – Documentary (Cine)	31545	Film Production Project 'Documentary' Exercise (Cine)
21564	Internship Project Practicals (Cine)	31564	Internship Project Practicals (Cine)
21565	Diploma Film Production Project –IV (Cine)	31565	Diploma Film Production Project (Cine)
21566	Diploma Film / Video Project Report (Cine)	31566	Diploma Film Production Project Report (Cine)

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Alternate Papers for 'L1' Scheme in 'M' Scheme

Digital Intermediate III Semester (w.e.f OCT. 2016)

L1 Scheme		M Scheme	
21331	Film Video-Telecine and Digital Movie Camera	31331	Principles of Digital Film Production
21332	Digital Intermediate	31332	Principles and Applications of Digital Intermediate
21533	Television Production Techniques	31523	Television Production Techniques
21334	Practical in Digital Intermediate- III	31334	Specialization Practical in Digital Intermediate-1
21535	Television Production Practicals	31527	Practical in Television Production
21336	Film Production Project – I Continuity	31336	Film Production Project – I Continuity (DI)
21337	Film Appreciation Practical-III	31337	Film Appreciation Practical-II (DI)

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Alternate Papers for 'L1' Scheme in 'M' Scheme

Digital Intermediate IV Semester (w.e.f APR. 2017)

L1 Scheme		M Scheme	
21341	The Art and Technique of Digital Colour Correction with Primary Colour	31341	The Art and Techniques of Digital Color Correction with Primary Colour
21342	The Art and Technique of Digital Colour Correction with Secondary Colour	31342	The Art and Techniques of Digital Colour Correction with Secondary Colour
21343	Practical in Digital Intermediate –IV	31343	Specialization Practical in Digital Intermediate - 2
21544	Video Production Project – Quickie*	31535	Television Production Project –'QUICKIEE'*
21345	Film Production Project – II Scene Exercise	31344	Film Production Project – II Scene Exercise (DI)
21346	Film Appreciation Practical-IV	31346	Film Appreciation Practical-III (DI)

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Alternate Papers for 'L1' Scheme in 'M' Scheme

Digital Intermediate V Semester (w.e.f OCT. 2017)

L1 Scheme		M Scheme	
21351	Digital Intermediate Colour Grading and Digital Effects	31351	Theory of Colour Grading and Digital Effects
21352	Digital Intermediate Calibration Process- 3D- I Max - Restoration	31352	Digital Intermediate Calibration Process- 3D - I Max - Restoration
21353	Designing of Film and Television Production - I	31353	Designing of Film and Television Production - I (DI)
21354	Practical in Digital Intermediate -V	31354	Specialization Practical in Digital Intermediate - III
21355	Film Production Practicals -III -Mise-En-Shot and Break Down	31356	Film Production Project -IV Mise-en-Shot & Break Down Exercise (DI)
21356	Film Appreciation Practical - V	31355	Film Appreciation Practical - IV (DI)

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Alternate Papers for 'L1' Scheme in 'M' Scheme

Digital Intermediate VI Semester (w.e.f APR. 2018)

L1 Scheme		M Scheme	
21361	Practicals in Digital Intermediate - VI	31361	Specialization Practical in Digital Intermediate - IV
21362	Practicals in Designing Film and Television Production-II	31362	Designing of Film and Television Production - II (DI)
21363	Practicals in Restoration and Rejuvenation Techniques	31363	Practicals in Restoration and Rejuvenation
21364	Internship Project Practicals	31364	Internship Project Practicals (DI)
21365	Diploma Film Production Project	31365	Diploma Film Production Project (DI)
21366	Diploma Film / Video Project Report	31366	Diploma Film Production Project Report (DI)

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Alternate Papers for 'L' Scheme in 'M' Scheme

Sound Recording & Sound Engineering III Semester (w.e.f OCT. 2016)

L Scheme		M Scheme	
21731	Principles of Sound Recording	31731	Fundamental Theory of Sound Recording
21732	Electronics in Sound Engineering	31732	Basic Audio Electronics
21533	Television Production Techniques	31523	Television Production Techniques
21734	Practical in Sound Recording and Sound Engineering - I	31734	Specialization Practical in Sound Recording and Sound Engineering-1
21535	Television Production Practicals	31527	Practical in Television Production
21736	Film Production Project - I Continuity (SRSE)	31736	Film Production Project - I Continuity Exercise (SR&SE)
21737	Film Appreciation Practical-III(SRSE)	31737	Film Appreciation Practical-II (SR&SE)

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Alternate Papers for 'L' Scheme in 'M' Scheme

Sound Recording & Sound Engineering IV Semester (w.e.f APR. 2017)

L Scheme		M Scheme	
21741	Sound Recording Techniques	31741	Sound Recording Techniques
21742	Applied Electricity in Sound Engineering	31742	Audio Engineering
21743	Practical in Sound Recording and Sound Engineering - II	31743	Specialization Practical in Sound Recording and Sound Engineering - II
21544	Video Production Project - Quickie	31535	Television Production Project -'QUICKIE'*
21745	Film Production Project-II Scene Exercise(SRSE)	31744	Film Production Project - II Scene Exercise (SR&SE)
21746	Film Appreciation Practical-IV(SRSE)	31746	Film Appreciation Practical-III (SR&SE)

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Alternate Papers for 'L' Scheme in 'M' Scheme

Sound Recording & Sound Engineering V Semester (w.e.f OCT. 2017)

L Scheme		M Scheme	
21751	Creative Sound Recording	31751	Creative Sound Recording
21752	Digital Electronics	31752	Digital Electronics
21753	Designing of Film and Television Production- I (SRSE)	31753	Designing of Film and Television Production – I (SR&SE)
21754	Practical in Sound Recording and Sound Engineering – III	31754	Specialization Practical in Sound Recording and Sound Engineering – III
21755	Film Production Practicals –III -Mise-en-shot and Break Down(SRSE)	31756	Film Production Practicals –III Mise-en-shot & Break Down Exercise (SR&SE)
21756	Film Appreciation Practical – V(SRSE)	31755	Film Appreciation Practical – IV (SR&SE)

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Alternate Papers for 'L' Scheme in 'M' Scheme

Sound Recording & Sound Engineering VI Semester (w.e.f APR. 2018)

L Scheme		M Scheme	
21761	Practicals in Sound Recording and Sound Engineering - IV	31761	Specialization Practical in Sound Recording and Sound Engineering – IV
21762	Designing Film and Television Production–II (SRSE)	31762	Designing of Film and Television Production – II (SR&SE)
21763	Video Production Project – Documentary(SRSE)	31745	Film Production Project - III - 'DOCUMENTARY' – Exercise (SR&SE)
21764	Internship Project Practicals(SRSE)	31764	Internship Project Practicals (SR&SE)
21765	Diploma Film Production Project-IV(SRSE)	31765	Diploma Film Production Project (SR&SE)
21766	Diploma Film / Video Project Report(SRSE)	31766	Diploma Film Production Project Report (SR&SE)

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Alternate Papers for 'L' Scheme in 'M' Scheme

Direction & Screen Play Writing III Semester (w.e.f OCT. 2016)

L Scheme		M Scheme	
21831	Directorial Practice	31831	Directorial Practice
21832	Screenplay Writing Theory	31832	Screen Play Writing Theory
21533	Television Production Techniques	31523	Television Production Techniques
21834	Specialization in Film Appreciation	31834	Specialization in Film Appreciation
21535	Television Production Practicals	31527	Practical in Television Production
21836	Film Production Project – I Continuity (DSPW)	31836	Film Production Project – I Continuity Exercise (DSPW)
21837	Film Appreciation Practical-III(DSPW)	31837	Film Appreciation Practical-II (DSPW)

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Alternate Papers for 'L' Scheme in 'M' Scheme

Direction & Screen Play Writing IV Semester (w.e.f APR. 2017)

L Scheme		M Scheme	
21841	Study of Film Makers	31841	Study of Film Makers
21842	Film Theory	31842	Film Theory
21843	Acting Theory	31852	Acting Theory(w.e.f OCT. '17)
21544	Video Production Project – Quickie	31535	Television Production Project –'QUICKIE'*
21845	Film Production Project -II Scene Exercise(DSPW)	31844	Film Production Project – II-Scene Exercise (DSPW)
21846	Film Appreciation Practical-IV(DSPW)	31846	Film Appreciation Practical-III (DSPW)

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Alternate Papers for 'L' Scheme in 'M' Scheme

Direction & Screen Play Writing V Semester (w.e.f OCT. 2017)

L Scheme		M Scheme	
21851	Film Production Management	31851	Film Production Management
21852	Documentary Theory	31843	Documentary Theory
21853	Designing of Film and Television Production – I (DSPW)	31853	Designing of Film and Television Production – I (DSPW)
21854	Non-Fiction Scripting Project Work	31854	Non-Fiction Scripting Project Work
21855	Film Production Practicals –III -Mise-en-shot and Break Down (DSPW)	31856	Film Production Project –IV- Mise-En-Shot & Break Down Exercise (DSPW)
21856	Film Appreciation Practical – V(DSPW)	31855	Film Appreciation Practical – IV (DSPW)

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Alternate Papers for 'L' Scheme in 'M' Scheme

Direction & Screen Play Writing VI Semester (w.e.f APR. 2018)

L Scheme		M Scheme	
21861	Practicals in Feature Film Scripting	31861	Practical in Feature Film Scripting
21862	Designing Film and Television Production – II (DSPW)	31862	Designing of Film and Television Production – II (DSPW)
21863	Video Production Project – Documentary	31845	Film Production Project – III 'Documentary' – Exercise (DSPW)
21864	Internship Project Practicals(DSPW)	31864	Internship Project Practicals (DSPW)
21865	Diploma Film Production Project-IV(DSPW)	31865	Diploma Film Production Project (DSPW)
21866	Diploma Film / Video Project Report	31866	Diploma Film Production Project Report (DSPW)

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Alternate Papers for 'L' Scheme in 'M' Scheme

Film Editing III Semester (w.e.f OCT. 2016)

L Scheme		M Scheme	
21931	Principles of Film Editing	31931	Principles of Film Editing
21932	Role of an Editor in Film Making	31932	Role of Chief Technicians in Film Making
21533	Television Production Techniques	31523	Television Production Techniques
21934	Practical in Film Editing- I	31934	Specialization Practical in Film Editing - I
21535	Television Production Practicals	31527	Practical in Television Production
21936	Film Production Project - I Continuity(EDG)	31936	Film Production Project - I Continuity Exercise (FE)
21937	Film Appreciation Practical-III(EDG)	31937	Film Appreciation Practical-II (FE)

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Alternate Papers for 'L' Scheme in 'M' Scheme

Film Editing IV Semester (w.e.f APR. 2017)

L Scheme		M Scheme	
21941	History of Film Editing	31941	History of Film Editing
21942	Structuring Motion Picture by Editing	31942	Structuring of Motion Picture by Editing
21943	Practicals in Non-Linear Film Editing - II	31943	Specialization Practical in Film Editing - II
21544	Video Production Project - Quickie	31535	Television Production Project -'QUICKIE'
21945	Film Production Project - II Scene Exercise(EDG)	31944	Film production project- II - scene Exercise (FE)
21946	Film Appreciation Practical-IV(EDG)	31946	Film appreciation Practical-III (FE)

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Alternate Papers for 'L' Scheme in 'M' Scheme

Film Editing V Semester (w.e.f OCT. 2017)

L Scheme		M Scheme	
21951	Technique of Film Editing - Fiction Films	31951	Techniques of Film Editing in Fiction Films
21952	Technique of Film Editing - Non-Fiction Films	31952	Techniques of Film Editing in Non - Fiction Films
21953	Designing of Film and Television Production - II(EDG)	31953	Designing of Film and Television Production - I (FE)
21954	Practical in Film Editing - III	31954	Specialization Practical in Film Editing - 3
21955	Film Production Practicals -III -Mise-en-Shot and Break Down(EDG)	31956	Film Production Project -IV Mise-En-Shot & Break Down Exercise (FE)
21956	Film Appreciation Practical - V(EDG)	31955	Film Appreciation Practical - IV (FE)

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Alternate Papers for 'L' Scheme in 'M' Scheme

Film Editing VI Semester (w.e.f APR. 2018)

L Scheme		M Scheme	
21961	Practicals in Film Editing - IV	31961	Specialization Practical in Film Editing - 4
21962	Designing Film and Television Production - II(EDG)	31962	Designing of Film and Television Production - II (FE)
21963	Video Production Project - Documentary (EDG)	31945	Film production project - III - 'Documentary' Exercise (FE)
21964	Internship Project Practicals (EDG)	31964	Internship Project Practicals (FE)
21965	Diploma Film Production Project-IV-(EDG)	31965	Diploma Film Production Project (FE)
21966	Diploma Film / Video Project Report (EDG)	31966	Diploma Film Production Project Report (FE)

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Alternate Papers for 'L' Scheme in 'M' Scheme

Animation & Visual Effects III Semester (w.e.f OCT. 2016)

L Scheme		M Scheme	
21431	Motion Picture Production Techniques	31431	Motion Picture Production Techniques
21432	Cinematography & Lighting for Digital FX	31432	Cinematography & Lighting For Digital FX
21433	Digital Film Lighting & Texturing	31433	Digital Film Lighting & Texturing
21434	Pre-Production an Art of Planning	31434	Practical in Pre-Production An Art of Planning
21435	An Introduction Level Course of Compositing	31435	Practical in Introduction Level Course of Compositing
21436	CGI Foundation for Visual FX	31436	Practical in CGI Foundation for Visual FX
21437	Classical Animation & Modelling Techniques	31437	Practical in Classical Animation & Modelling Techniques

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Alternate Papers for 'L' Scheme in 'M' Scheme

Animation & Visual Effects IV Semester (w.e.f APR. 2017)

L Scheme		M Scheme	
21441	Techniques & Styles of Animation	31441	Techniques & Styles of Animation
21442	An Overview of Stereo Pipeline	31442	An Overview of Stereo Pipeline
21443	Cinematography for Digital FX	31443	Practical in Cinematography for Digital FX
21444	Matte Painting & Environment for VFX	31444	Practical in Matte Painting & Environment for VFX
21445	A Intermediate Level of Compositing	31445	Practical in Intermediate Level of Compositing
21446	Match Moving for Animation / VFX	31446	Practical in Match Moving for Animation / VFX
21447	Effect Foundation for Animation / VFX	31447	Practical in Effect Foundation For Animation / VFX

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Alternate Papers for 'L' Scheme in 'M' Scheme

Animation & Visual Effects V Semester (w.e.f OCT. 2017)

L Scheme		M Scheme	
21451	3D Scanning & Motion Capture Technology	31451	3D Scanning & Motion Capture Technology
21452	Visual FX Supervisor Roles and Responsibility	31452	Visual FX Supervisor Roles and Responsibility
21453	An Advance Level of Compositing	31454	Practical in Advance Level of Compositing
21454	On Set Data Wrangling	31455	Practical in On Set Data Wrangling
21455	Editing for VFX & Digital Intermediate – Final Color Correction	31456	Practical in Editing & Color Correction for VFX
21456	Rendering, Dynamics & Simulation	31457	Practical in Rendering, Dynamics & Simulation
21457	Idea & Story Presentation	31461	Practical in Idea & Story Presentation (w.e.f. APR.18)

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Alternate Papers for 'L' Scheme in 'M' Scheme

Animation & Visual Effects VI Semester (w.e.f APR. 2018)

L Scheme		M Scheme	
21461	Budgeting & Planning as Visual FX Producer	31453	Budgeting & Planning as Visual FX Producer
21462	Communicating with Film Crew & Team	31462	Practical in Communicating with Film Crew & Team
21463	Pre-Production & Concept Visualization	31463	Practical in Pre-Production & Concept Visualization
21464	Production Phase-01 Asset Creation	31464	Practical in Production Phase-01 Asset Creation
21465	Production Phase-02 Animation	31465	Practical in Production Phase-02 Animation
21466	Production Phase-03 3D Post Production	31466	Practical in Production Phase-03 3D Post Production
21467	Production Phase-04 Project Presentation	31467	Practical in Production Phase-04 Project Presentation