

**GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
1010		CIVIL ENGINEERING (FULL TIME)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

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Course Code		Course Name				Semester
1010		CIVIL ENGINEERING (FULL TIME)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		CE232120	BASICS OF CIVIL ENGINEERING	T	3	
3		MA232431	APPLIED MATHEMATICS - I	P	3	
4		PH232441	APPLIED PHYSICS - I	P	2	
5		CH232451	APPLIED CHEMISTRY - I	P	2	
6		EP232460	BASIC ENGINEERING PRACTICES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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Course Code		Course Name				Semester
1010		CIVIL ENGINEERING (FULL TIME)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1010233110	MECHANICS OF MATERIALS	T	3	
2		1010233210	CONSTRUCTION MATERIALS	T	3	
3		1010233340	SURVEYING PRACTICE	P	3	
4		1010233440	BUILDING PLANNING AND DRAWING	P	3	
5		1010233540	HYDRAULICS LAB	P	3	
6		1010233640	MATERIAL TESTING LAB	P	3	
7		1010233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		1010233886	HEALTH & WELLNESS	HW	1	

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Course Code		Course Name				Semester
1010		CIVIL ENGINEERING (FULL TIME)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1010234110	MECHANICS OF STRUCTURES	T	3	
2		1010234210	TRANSPORTATION ENGINEERING	T	3	
3		1010234330	SOIL MECHANICS AND FOUNDATION ENGINEERING	PT	3	
4		1010234440	CONCRETE TECHNOLOGY	P	3	
5		1010234540	CONSTRUCTION PRACTICES	P	3	
6		1010234640	ESTIMATION AND COSTING	P	3	
7		1010234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

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Course Code		Course Name				Semester
1010		CIVIL ENGINEERING (FULL TIME)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1010235110	DESIGN OF RCC STRUCTURES (LIMIT STATE METHOD)	T	4	
2	1	1010235211	MECHANICAL, ELECTRICAL AND PLUMBING SERVICES	T	3	
2	2	1010235212	IRRIGATION AND WATER RESOURCE ENGINEERING	T	3	
2	3	1010235213	DEFECTS IN BUILDING AND REMEDIES	T	3	
2	4	1010235214	URBAN PLANNING AND DEVELOPMENT	T	3	
2	5	1010235215	BUILDING BYE LAWS AND STATUTORY DRAWINGS	T	3	
3		1010235320	COMPUTER APPLICATIONS IN CIVIL ENGINEERING.	P	2	
4		1010235440	CONSTRUCTION MANAGEMENT AND SAFETY PRACTICE	P	3	
5		1010235540	ENVIRONMENTAL ENGINEERING	P	3	
6		1010235654	INNOVATION AND STARTUP	P	2	
7		1010235773	INDUSTRIAL TRAINING	P	2	
8		1010235860	ADVANCED SKILLS CERTIFICATION - V	ASC	2	

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Course Code		Course Name				Semester
1010		CIVIL ENGINEERING (FULL TIME)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	6000236111	ADVANCED ENGINEERING MATHEMATICS	T	3	
1	2	6000236112	ENTREPRENEURSHIP	T	3	
1	3	6000236113	PROJECT MANAGEMENT	T	3	
1	4	6000236114	FINANCE FUNDAMENTALS	T	3	
1	5	1010236115	ADVANCED ENVIRONMENTAL ENGINEERING	T	3	
1	6	1010236116	ADVANCED CONCRETE TECHNOLOGY	T	3	
1	7	1010236117	ADVANCED TRANSPORTATION ENGINEERING	T	3	
1	8	1010236118	ADVANCED SURVEYING	T	3	
2	1	1010236241	ARTIFICIAL INTELLIGENCE AND MACHINE LANGUAGE IN CONSTRUCTION MANAGEMENT	P	3	
2	2	1010236242	STRUCTURAL DETAILING FOR RCC ELEMENTS	P	3	
2	3	1010236243	DESIGN AND DRAWING OF STEEL ELEMENTS	P	3	
3	1	1010236351	INTERNSHIP	P	12	
3	2	1010236353	FELLOWSHIP	P	12	
3	3	1010236374	IN-HOUSE PROJECT	P	12	

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Course Code		Course Name				Semester
1012		ARCHITECTURAL ASSISTANTSHIP (FULL TIME)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

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Course Code		Course Name				Semester
1012		ARCHITECTURAL ASSISTANTSHIP (FULL TIME)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		AA232120	THEORY OF ARCHITECTURE	T	4	
3		MA232431	APPLIED MATHEMATICS - I	P	3	
4		AA232440	BASIC DESIGN & VISUAL ARTS	P	3	
5		AA232260	ARCHITECTURAL DRAWING - I	P	2	
6		DP232270	DRAFTING PRACTICES	P	2	
7		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
8		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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Course Code		Course Name				Semester
1012		ARCHITECTURAL ASSISTANTSHIP (FULL TIME)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1012233110	HISTORY OF ARCHITECTURE - I	T	3	
2		1012233210	BUILDING MATERIALS	T	3	
3		1012233330	SURVEYING	PT	3	
4		1012233420	ARCHITECTURAL DRAWING - II	P	2	
5		1012233520	ARCHITECTURAL DESIGN STUDIO - I	P	2	
6		1012233620	COMPUTER STUDIO - I	P	2	
7		1012233740	BUILDING CONSTRUCTION AND DETAILING - I	P	2	
8		1012233860	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
9		1012233986	HEALTH & WELLNESS	HW	1	

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Course Code		Course Name				Semester
1012		ARCHITECTURAL ASSISTANTSHIP (FULL TIME)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1012234110	EVOLUTION OF INTERIOR DESIGN - II	T	4	
2		1012234210	HISTORY OF ARCHITECTURE - II	T	3	
3		1012234330	BUILDING SERVICES	PT	3	
4		1012234420	INTERIOR DESIGN STUDIO - II	P	2	
5		1012234520	COMPUTER STUDIO - II	P	2	
6		1012234640	ENVIRONMENTAL SCIENCE FOR ARCHITECTURE	P	2	
7		1012234740	BUILDING CONSTRUCTION AND DETAILING - II	P	3	
8		1012234860	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

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Course Code		Course Name				Semester
1012		ARCHITECTURAL ASSISTANTSHIP (FULL TIME)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1012235110	CREATIVTE ARTS AND CRAFTS	T	4	
2		1012235210	QUANTITY SURVEYING AND COST ESTIMATION	T	3	
3	1	1012235311	THEORY OF DESIGN	T	3	
3	2	1012235312	VERNACULAR ARCHITECTURE	T	3	
3	3	1012235313	PROFESSIONAL PRACTICE	T	3	
3	4	1012235314	TOWN PLANNING	T	3	
3	5	1012235315	HUMAN SETTLEMENT & PLANNING	T	3	
4		1012235420	INTERIOR DESIGN STUDIO - III	P	2	
5		1012235520	COMPUTER STUDIO-III	P	2	
6	1	1012235641	ARCHITECTURAL MODEL MAKING	P	3	
6	2	1012235642	FURNITURE DESIGN	P	3	
6	3	1012235643	SITE PLANNING	P	3	
6	4	1012235644	STRUCTURAL DETAILING AND DRAWING	P	3	
6	5	1012235645	SPACE PLANNING	P	3	
7		1012235754	INNOVATION & STARTUP	P	2	
8		1012235873	INDUSTRIAL TRAINING	P	2	
9		1012235960	ADVANCED SKILLS CERTIFICATION - V	ASC	2	

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Course Code		Course Name				Semester
1012		ARCHITECTURAL ASSISTANTSHIP (FULL TIME)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	1012236111	ELEMENTS OF INTERIOR DESIGN	T	3	
1	2	1012236112	MODERN ARCHITECTURE	T	3	
1	3	1012236113	DISASTER MITIGATION AND MANAGEMENT	T	3	
1	4	1012236114	ARCHITECTURAL ACOUSTICS	T	3	
1	5	1012236115	CONTEMPORARY ARCHITECTURE	T	3	
2	1	1012236241	INTERIOR DESIGN AND DETAILING	P	3	
2	2	1012236242	LANDSCAPE DESIGN AND DETAILING	P	3	
2	3	1012236243	LOW-COST BUILDING DESIGN AND TECHNIQUES	P	3	
2	4	1012236244	CONTEMPORARY BUILDING MATERIALS	P	3	
2	5	1012236245	GREEN BUILDINGS	P	3	
3	1	1012236351	INTERNSHIP	P	11	
3	2	1012236353	FELLOWSHIP	P	11	
3	3	1012236374	IN-HOUSE PROJECT	P	11	

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Course Code		Course Name				Semester
1013		CIVIL AND ENVIRONMENTAL ENGINEERING (FULL TIME)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

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Course Code		Course Name				Semester
1013		CIVIL AND ENVIRONMENTAL ENGINEERING (FULL TIME)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		CN232120	BASICS OF CIVIL AND ENVIRONMENTAL ENGINEERING	T	3	
3		MA232431	APPLIED MATHEMATICS - I	P	3	
4		PH232441	APPLIED PHYSICS - I	P	2	
5		CH232451	APPLIED CHEMISTRY - I	P	2	
6		EP232460	BASIC ENGINEERING PRACTICES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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Course Code		Course Name				Semester
1013		CIVIL AND ENVIRONMENTAL ENGINEERING (FULL TIME)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1013233110	STRUCTURAL MECHANICS	T	3	
2		1013233210	WATER SUPPLY AND WASTEWATER ENGINEERING	T	3	
3		1010233340	SURVEYING PRACTICE	P	3	
4		1010233440	BUILDING PLANNING AND DRAWING	P	3	
5		1010233540	HYDRAULICS LAB	P	3	
6		1013233640	CONSTRUCTION MATERIALS AND TESTING LAB	P	3	
7		1010233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		1010233886	HEALTH & WELLNESS	HW	1	

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Course Code		Course Name				Semester
1013		CIVIL AND ENVIRONMENTAL ENGINEERING (FULL TIME)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1013234110	POLLUTION CONTROL AND EIA	T	3	
2		1010234210	TRANSPORTATION ENGINEERING	T	3	
3		1010234330	SOIL MECHANICS AND FOUNDATION ENGINEERING	PT	3	
4		1010234440	CONCRETE TECHNOLOGY	P	3	
5		1010234540	CONSTRUCTION PRACTICES	P	3	
6		1010234640	ESTIMATION AND COSTING	P	3	
7		1010234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

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Course Code		Course Name				Semester
1013		CIVIL AND ENVIRONMENTAL ENGINEERING (FULL TIME)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1010235110	DESIGN OF RCC STRUCTURES (LIMIT STATE METHOD)	T	4	
2	1	1010235211	MECHANICAL, ELECTRICAL AND PLUMBING SERVICES	T	3	
2	2	1010235212	IRRIGATION AND WATER RESOURCE ENGINEERING	T	3	
2	3	1010235213	DEFECTS IN BUILDING AND REMEDIES	T	3	
2	4	1010235214	URBAN PLANNING AND DEVELOPMENT	T	3	
2	5	1010235215	BUILDING BYE LAWS AND STATUTORY DRAWINGS	T	3	
3		1010235320	COMPUTER APPLICATIONS IN CIVIL ENGINEERING.	P	2	
4		1010235440	CONSTRUCTION MANAGEMENT AND SAFETY PRACTICE	P	3	
5		1013235540	ENVIRONMENTAL CHEMISTRY AND TESTING PRACTICES	P	2	
6		1010235654	INNOVATION AND STARTUP	P	2	
7		1010235773	INDUSTRIAL TRAINING	P	2	
8		1010235860	ADVANCED SKILLS CERTIFICATION - V	ASC	2	

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Course Code		Course Name				Semester
1013		CIVIL AND ENVIRONMENTAL ENGINEERING (FULL TIME)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	6000236111	ADVANCED ENGINEERING MATHEMATICS	T	3	
1	2	6000236112	ENTREPRENEURSHIP	T	3	
1	3	6000236113	PROJECT MANAGEMENT	T	3	
1	4	6000236114	FINANCE FUNDAMENTALS	T	3	
1	5	1010236115	ADVANCED ENVIRONMENTAL ENGINEERING	T	3	
1	6	1010236116	ADVANCED CONCRETE TECHNOLOGY	T	3	
1	7	1010236117	ADVANCED TRANSPORTATION ENGINEERING	T	3	
1	8	1010236118	ADVANCED SURVEYING	T	3	
2	1	1010236241	ARTIFICIAL INTELLIGENCE AND MACHINE LANGUAGE IN CONSTRUCTION MANAGEMENT	P	3	
2	2	1010236242	STRUCTURAL DETAILING FOR RCC ELEMENTS	P	3	
2	3	1010236243	DESIGN AND DRAWING OF STEEL ELEMENTS	P	3	
3	1	1010236351	INTERNSHIP	P	12	
3	2	1010236353	FELLOWSHIP	P	12	
3	3	1010236374	IN-HOUSE PROJECT	P	12	

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Course Code		Course Name				Semester
1014		INTERIOR DECORATION (FULL TIME)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

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1014		INTERIOR DECORATION (FULL TIME)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		AA232120	THEORY OF ARCHITECTURE	T	3	
3		MA232431	APPLIED MATHEMATICS - I	P	3	
4		AA232440	BASIC DESIGN & VISUAL ARTS	P	2	
5		AA232260	ARCHITECTURAL DRAWING - I	P	2	
6		DP232270	DRAFTING PRACTICES	P	2	
7		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
8		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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1014		INTERIOR DECORATION (FULL TIME)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1014233110	EVOLUTION OF INTERIOR DESIGN - I	T	3	
2		1014233210	THEORY OF INTERIOR DESIGN	T	3	
3		1014233330	INTERIOR SERVICES - I	T	3	
4		1014233420	FREE HAND SKETCHING	P	2	
5		1014233520	INTERIOR DESIGN STUDIO-I	P	2	
6		1014233620	COMPUTER APPLICATION IN	P	2	
7		1014233740	MATERIALS AND CONSTRUCTION - I	P	2	
8		1012233860	ADVANCED SKILLS CERTIFICATION - III	ASC	2	

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1014		INTERIOR DECORATION (FULL TIME)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1012234110	EVOLUTION OF INTERIOR DESIGN - II	T	3	
2		1012234210	HISTORY OF ARCHITECTURE - II	T	3	
3		1012234330	BUILDING SERVICES	PT	3	
4		1012234420	INTERIOR DESIGN STUDIO - II	P	3	
5		1012234520	COMPUTER STUDIO - II	P	2	
6		1012234640	ENVIRONMENTAL SCIENCE FOR ARCHITECTURE	P	2	
7		1012234740	BUILDING CONSTRUCTION AND DETAILING - II	P	3	
8		1012234860	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

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Course Code		Course Name				Semester
1014		INTERIOR DECORATION (FULL TIME)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1012235110	CREATIVTE ARTS AND CRAFTS	T	3	
2		1012235210	QUANTITY SURVEYING AND COST ESTIMATION	T	3	
3	1	1012235311	THEORY OF DESIGN	T	3	
3	2	1012235312	VERNACULAR ARCHITECTURE	T	3	
3	3	1012235313	PROFESSIONAL PRACTICE	T	3	
3	4	1012235314	TOWN PLANNING	T	3	
3	5	1012235315	HUMAN SETTLEMENT & PLANNING	T	3	
3	6	1014235311	INTERIOR LANDSCAPE	T	3	
3	7	1014235312	INTERIOR OF HERITAGE STRUCTURES	T	3	
3	8	1014235313	MODULAR DESIGN	T	3	
3	9	1014235314	TEXTILE DESIGN	T	3	
4		1012235420	INTERIOR DESIGN STUDIO - III	P	3	
5		1012235520	COMPUTER STUDIO-III	P	2	
6	1	1012235641	ARCHITECTURAL MODEL MAKING	P	3	
6	2	1012235642	FURNITURE DESIGN	P	3	
6	3	1012235643	SITE PLANNING	P	3	
6	4	1012235644	STRUCTURAL DETAILING AND DRAWING	P	3	
6	5	1012235645	SPACE PLANNING	P	3	

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1014		INTERIOR DECORATION (FULL TIME)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
6	6	1014235641	DESIGN CONCEPTS - FURNITURE AND FURNISHINGS	P	3	
6	7	1014235642	INTERIOR LANDSCAPE AND DETAILING	P	3	
6	8	1014235643	LIGHTING AND COLORS IN INTERIORS	P	3	
7		1012235740	INNOVATION & STARTUP	P	2	
8		1012235860	INDUSTRIAL TRAINING	P	2	
9		1012235960	ADVANCED SKILLS CERTIFICATION - V	ASC	2	

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Course Code		Course Name				Semester
1014		INTERIOR DECORATION (FULL TIME)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	1012236111	ELEMENTS OF INTERIOR DESIGN	T	3	
1	2	1012236112	MODERN ARCHITECTURE	T	3	
1	3	1012236113	DISASTER MITIGATION AND MANAGEMENT	T	3	
1	4	1012236114	ARCHITECTURAL ACOUSTICS	T	3	
1	5	1012236115	CONTEMPORARY ARCHITECTURE	T	3	
2	1	1012236241	INTERIOR DESIGN AND DETAILING	P	3	
2	2	1012236242	LANDSCAPE DESIGN AND DETAILING	P	3	
2	3	1012236243	LOW-COST BUILDING DESIGN AND TECHNIQUES	P	3	
2	4	1012236244	CONTEMPORARY BUILDING MATERIALS	P	3	
2	5	1012236245	GREEN BUILDINGS	P	3	
3		1014236374	PROJECT WORK	P	11	

GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester
1015		ARCHITECTURE (FULL TIME)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

**GOVERNMENT OF TAMIL NADU
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SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
1015		ARCHITECTURE (FULL TIME)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		AA232120	THEORY OF ARCHITECTURE	T	4	
3		MA232431	APPLIED MATHEMATICS - I	P	3	
4		AA232440	BASIC DESIGN & VISUAL ARTS	P	3	
5		AA232260	ARCHITECTURAL DRAWING - I	P	2	
6		DP232270	DRAFTING PRACTICES	P	2	
7		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
8		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

GOVERNMENT OF TAMIL NADU
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Course Code		Course Name				Semester
1015		ARCHITECTURE (FULL TIME)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1012233110	HISTORY OF ARCHITECTURE - I	T	3	
2		1012233210	BUILDING MATERIALS	T	3	
3		1012233330	SURVEYING	PT	3	
4		1012233420	ARCHITECTURAL DRAWING - II	P	2	
5		1012233520	ARCHITECTURAL DESIGN STUDIO - I	P	2	
6		1012233620	COMPUTER STUDIO - I	P	2	
7		1012233740	BUILDING CONSTRUCTION AND DETAILING - I	P	2	
8		1012233860	ADVANCED SKILLS CERTIFICATION - III	ASC	2	

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SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
1015		ARCHITECTURE (FULL TIME)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1012234110	EVOLUTION OF INTERIOR DESIGN - II	T	4	
2		1012234210	HISTORY OF ARCHITECTURE - II	T	3	
3		1012234330	BUILDING SERVICES	PT	3	
4		1012234420	INTERIOR DESIGN STUDIO - II	P	2	
5		1012234520	COMPUTER STUDIO - II	P	2	
6		1012234640	ENVIRONMENTAL SCIENCE FOR ARCHITECTURE	P	2	
7		1012234740	BUILDING CONSTRUCTION AND DETAILING - II	P	3	
8		1012234860	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

GOVERNMENT OF TAMIL NADU
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SUBJECT LIST (R2023)

Course Code		Course Name				Semester
1015		ARCHITECTURE (FULL TIME)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1012235110	CREATIVTE ARTS AND CRAFTS	T	4	
2		1012235210	QUANTITY SURVEYING AND COST ESTIMATION	T	3	
3	1	1012235311	THEORY OF DESIGN	T	3	
3	2	1012235312	VERNACULAR ARCHITECTURE	T	3	
3	3	1012235313	PROFESSIONAL PRACTICE	T	3	
3	4	1012235314	TOWN PLANNING	T	3	
3	5	1012235315	HUMAN SETTLEMENT & PLANNING	T	3	
4		1012235420	INTERIOR DESIGN STUDIO - III	P	2	
5		1012235520	COMPUTER STUDIO-III	P	2	
6	1	1012235641	ARCHITECTURAL MODEL MAKING	P	3	
6	2	1012235642	FURNITURE DESIGN	P	3	
6	3	1012235643	SITE PLANNING	P	3	
6	4	1012235644	STRUCTURAL DETAILING AND DRAWING	P	3	
6	5	1012235645	SPACE PLANNING	P	3	
7		1012235754	INNOVATION & STARTUP	P	2	
8		1012235873	INDUSTRIAL TRAINING	P	2	
9		1012235960	ADVANCED SKILLS CERTIFICATION - V	ASC	2	

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Course Code		Course Name				Semester
1015		ARCHITECTURE (FULL TIME)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	1012236111	ELEMENTS OF INTERIOR DESIGN	T	3	
1	2	1012236112	MODERN ARCHITECTURE	T	3	
1	3	1012236113	DISASTER MITIGATION AND MANAGEMENT	T	3	
1	4	1012236114	ARCHITECTURAL ACOUSTICS	T	3	
1	5	1012236115	CONTEMPORARY ARCHITECTURE	T	3	
2	1	1012236241	INTERIOR DESIGN AND DETAILING	P	3	
2	2	1012236242	LANDSCAPE DESIGN AND DETAILING	P	3	
2	3	1012236243	LOW-COST BUILDING DESIGN AND TECHNIQUES	P	3	
2	4	1012236244	CONTEMPORARY BUILDING MATERIALS	P	3	
2	5	1012236245	GREEN BUILDINGS	P	3	
3	1	1012236351	INTERNSHIP	P	11	
3	2	1012236353	FELLOWSHIP	P	11	
3	3	1012236374	IN-HOUSE PROJECT	P	11	

**GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
1020		MECHANICAL ENGINEERING (FULL TIME)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

**GOVERNMENT OF TAMIL NADU
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SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
1020		MECHANICAL ENGINEERING (FULL TIME)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		ME232120	BASICS OF MECHANICAL ENGINEERING	T	3	
3		MA232431	APPLIED MATHEMATICS - I	P	3	
4		PH232441	APPLIED PHYSICS - I	P	2	
5		CH232451	APPLIED CHEMISTRY - I	P	2	
6		EP232460	BASIC ENGINEERING PRACTICES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

GOVERNMENT OF TAMIL NADU
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SUBJECT LIST (R2023)

Course Code		Course Name				Semester
1020		MECHANICAL ENGINEERING (FULL TIME)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1020233110	MANUFACTURING PROCESS	T	3	
2		1020233230	STRENGTH OF MATERIALS	PT	4	
3		1020233320	WORKSHOP PRACTICES	P	2	
4		1020233440	INDUSTRIAL DRIVES AND CONTROL	P	3	
5		1020233540	PRODUCTION DRAWING AND MODELING	P	3	
6		1020233640	MACHINE TOOL TECHNOLOGY	P	3	
7		1020233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		1020233886	HEALTH & WELLNESS	HW	1	

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Course Code		Course Name				Semester
1020		MECHANICAL ENGINEERING (FULL TIME)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1020234110	ADVANCED MANUFACTURING TECHNOLOGY	T	3	
2		1020234230	FLUID MECHANICS	PT	3	
3		1020234320	ADVANCED MANUFACTURING TECHNOLOGY PRACTICAL	P	2	
4		1020234440	SENSORS AND ACTUATORS	P	3	
5		1020234540	HEAT POWER ENGINEERING	P	3	
6		1020234640	METROLOGY AND MEASUREMENTS	P	3	
7		1020234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

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Course Code		Course Name				Semester
1020		MECHANICAL ENGINEERING (FULL TIME)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1020235110	ELEMENTS OF MACHINE DESIGN	T	3	
2		1020235230	INDUSTRIAL ENGINEERING AND MANAGEMENT	PT	4	
3	1	1020235331	MODERN QC TOOLS	PT	3	
3	2	1020235332	COMPOSITE MATERIALS	PT	3	
3	3	1020235333	REFRIGERATION AND AIR-CONDITIONING	PT	3	
3	4	1020235334	VALUE ENGINEERING	PT	3	
3	5	1020235335	GREEN MANUFACTURING	PT	3	
3	6	1020235336	LEAN MANUFACTURING	PT	3	
4		1020235440	MAINTENANCE, REPAIRS & SERVICE	P	3	
5	1	1020235541	CNC PROGRAMMING	P	3	
5	2	1020235542	SYSTEMS APPLICATIONS AND PRODUCT (SAP)	P	3	
5	3	1020235543	INDUSTRIAL IOT	P	3	
5	4	1020235544	ADVANCED WELDING TECHNOLOGIES	P	3	
5	5	1020235545	INDUSTRIAL ROBOTICS	P	3	
5	6	1020235546	HVAC SYSTEMS AND COMPONENTS	P	3	
5	7	1020235547	AUTOMOBILE TECHNOLOGY	P	3	
6		1020235654	INNOVATION & STARTUP	P	2	
7		1020235773	INDUSTRIAL TRAINING	P	2	

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Course Code		Course Name				Semester	
1020		MECHANICAL ENGINEERING (FULL TIME)				5	
Column Number	Elec	Subject Code	Subject Name			Subject Type	Credits
8		1020235860	ADVANCED SKILLS CERTIFICATION - V			ASC	2

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Course Code		Course Name				Semester
1020		MECHANICAL ENGINEERING (FULL TIME)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	6000236111	ADVANCED ENGINEERING MATHEMATICS	T	3	
1	2	6000236112	ENTREPRENEURSHIP	T	3	
1	3	6000236113	PROJECT MANAGEMENT	T	3	
1	4	6000236114	FINANCE FUNDAMENTALS	T	3	
1	5	1020236115	INDUSTRY 4.0	T	3	
1	6	1020236116	ADDITIVE MANUFACTURING	T	3	
1	7	1020236117	POWER PLANT ENGINEERING	T	3	
2	1	1020236241	MEP EQUIPMENT SERVICING	P	3	
2	2	1020236242	MAINTENANCE OF MACHINE TOOLS	P	3	
2	3	1020236243	NON-DESTRUCTIVE TESTING	P	3	
2	4	1020236244	PROCESS AUTOMATION	P	3	
2	5	1020236245	PRODUCT DESIGN & DEVELOPMENT	P	3	
2	6	1020236246	ELECTRIC VEHICLE TECHNOLOGY	P	3	
2	7	1020236247	REVERSE ENGINEERING	P	3	
2	8	1020236248	GREEN ENERGY & ENGINEERING	P	3	
3	1	1020236351	INTERNSHIP	P	12	
3	2	1020236353	FELLOWSHIP	P	12	
3	3	1020236374	IN-HOUSE PROJECT	P	12	

GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
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Course Code		Course Name				Semester	
1020		MECHANICAL ENGINEERING (FULL TIME)				6	
Column Number	Elec	Subject Code	Subject Name			Subject Type	Credits
3	4	2020234274	INDUSTRIAL TRAINING (SW)			P	12

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GOVERNMENT OF TAMIL NADU
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SUBJECT LIST (R2023)

Course Code		Course Name				Semester
1021		AUTOMOBILE ENGINEERING (FULL TIME)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
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Course Code		Course Name				Semester
1021		AUTOMOBILE ENGINEERING (FULL TIME)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		ME232120	BASICS OF MECHANICAL ENGINEERING	T	3	
3		MA232431	APPLIED MATHEMATICS - I	P	3	
4		PH232441	APPLIED PHYSICS - I	P	2	
5		CH232451	APPLIED CHEMISTRY - I	P	2	
6		EP232460	BASIC ENGINEERING PRACTICES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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Course Code		Course Name				Semester
1021		AUTOMOBILE ENGINEERING (FULL TIME)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1021233110	MANUFACTURING TECHNOLOGY I	T	3	
2		1021233230	AUTOMOTIVE ENGINES	PT	3	
3		1021233340	MECHANICS OF MATERIALS	P	3	
4		1021233440	AUTOMOTIVE ELECTRICAL AND ELECTRONICS SYSTEMS	P	3	
5		1021233540	AUTOMOBILE ENGINEERING DRAWING	P	3	
6		1021233640	FLUID POWER SYSTEMS	P	3	
7		1021233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		1021233886	HEALTH & WELLNESS	HW	1	

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Course Code		Course Name				Semester
1021		AUTOMOBILE ENGINEERING (FULL TIME)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1021234110	POWER UNITS AND TRANSMISSION	T	3	
2		1021234230	FUELS, COMBUSTION AND EMISSION CONTROL	PT	3	
3		1021234340	MANUFACTURING TECHNOLOGY II	P	3	
4		1020234440	SENSORS AND ACTUATORS	P	3	
5		1021234540	AUTOMOBILE COMPONENT DESIGN	P	2	
6		1020234640	METROLOGY AND MEASUREMENTS	P	3	
7		1021234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

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Course Code		Course Name				Semester
1021		AUTOMOBILE ENGINEERING (FULL TIME)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1021235130	VEHICLE BODY ENGINEERING	PT	3	
2		1021235230	ELECTRIC & HYBRID VEHICLE TECHNOLOGY	PT	4	
3	1	1021235311	TRACTOR AND FARM EQUIPMENT	T	3	
3	2	1021235312	VEHICLE AERODYNAMICS AND DESIGN	T	3	
3	3	1021235313	HEAVY VEHICLE ENGINEERING	T	3	
3	4	1021235314	AUTOMOTIVE SAFETY SYSTEMS	T	3	
3	5	1021235315	ADVANCED AUTOMOTIVE SYSTEMS	T	3	
3	6	1021235316	ALTERNATIVE FUELS	T	3	
3	7	1021235317	ALTERNATIVE ENERGY SOURCES	T	3	
3	8	1021235318	SPECIAL PURPOSE VEHICLES	T	3	
4		1021235440	AUTOMOBILE SERVICING PRACTICAL	P	3	
5	1	1020235541	CNC PROGRAMMING	P	3	
5	2	1021235542	TWO-WHEELER AND THREE-WHEELER TECHNOLOGY	P	3	
5	3	1020235543	INDUSTRIAL IOT	P	3	
5	4	1020235544	ADVANCED WELDING TECHNOLOGIES	P	3	
5	5	1020235545	INDUSTRIAL ROBOTICS	P	3	
5	6	1020235546	HVAC SYSTEMS AND COMPONENTS	P	3	
5	7	1021235547	ENGINE TESTING	P	3	

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Course Code		Course Name				Semester	
1021		AUTOMOBILE ENGINEERING (FULL TIME)				5	
Column Number	Elec	Subject Code	Subject Name			Subject Type	Credits
6		1021235654	INNOVATION & STARTUP			P	2
7		1021235773	INDUSTRIAL TRAINING			P	2
8		1021235860	ADVANCED SKILLS CERTIFICATION - V			ASC	2

**GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
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Course Code		Course Name				Semester
1021		AUTOMOBILE ENGINEERING (FULL TIME)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	1021236110	INDUSTRIAL MANAGEMENT AND TRANSPORT ENGINEERING	T	3	
2	1	1021236241	VEHICLE TESTING	P	3	
2	2	1021236242	EARTHMOVINGEQUIPMENTS	P	3	
2	3	1020236243	NON-DESTRUCTIVE TESTING	P	3	
2	4	1020236244	PROCESS AUTOMATION	P	3	
2	5	1021236245	ADDITIVEMANUFACTURINGPRACTICAL	P	3	
2	6	1021236246	ELECTRICALVEHICLETECHNOLOGYPRACTICAL	P	3	
3	1	1021236351	INTERNSHIP	P	12	
3	2	1021236353	FELLOWSHIP	P	12	
3	3	1021236374	IN-HOUSEPROJECT	P	12	
3	4	2020234274	INDUSTRIAL TRAINING (SW)	P	12	

GOVERNMENT OF TAMIL NADU
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Course Code		Course Name				Semester
1023		AGRICULTURAL ENGINEERING (FULL TIME)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

GOVERNMENT OF TAMIL NADU
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Course Code		Course Name				Semester
1023		AGRICULTURAL ENGINEERING (FULL TIME)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		ME232120	BASICS OF MECHANICAL ENGINEERING	T	3	
3		MA232431	APPLIED MATHEMATICS - I	P	3	
4		PH232441	APPLIED PHYSICS - I	P	2	
5		CH232451	APPLIED CHEMISTRY - I	P	2	
6		EP232460	BASIC ENGINEERING PRACTICES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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Course Code		Course Name				Semester
1023		AGRICULTURAL ENGINEERING (FULL TIME)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1023233110	SOIL AND WATER CONSERVATION	T	3	
2		1023233230	ENGINEERING MECHANICS	PT	4	
3		1010233340	SURVEYING PRACTICE	P	3	
4		1020233440	INDUSTRIAL DRIVES AND CONTROL	P	3	
5		1023233540	MACHINE DRAWING & CAD	P	3	
6		1023233640	PRINCIPLES OF CROP PRODUCTION	P	3	
7		1023233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		1023233886	HEALTH & WELLNESS	HW	1	

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Course Code		Course Name				Semester
1023		AGRICULTURAL ENGINEERING (FULL TIME)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1023234110	IRRIGATION ENGINEERING	T	3	
2		1023234210	FLUID MECHANICS	T	3	
3		1023234330	POST HARVEST TECHNOLOGY	PT	4	
4		1023234520	FLUID MECHANICS PRACTICAL	P	2	
5		1023234620	FARM STRUCTURAL DRAWING	P	2	
6		1023234640	MACHINE SHOP PRACTICE	P	3	
7		1023234760	ADVANCED SKILL CERTIFICATION - IV	ASC	2	

GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester
1023		AGRICULTURAL ENGINEERING (FULL TIME)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1023235110	FARM TRACTOR THEORY	T	4	
2		1023235210	FARM MACHINERY THEORY	T	4	
3	1	1023235331	FOOD PROCESS ENGINEERING	PT	4	
3	2	1023235332	SUGARCANE CROP PRODUCTION	PT	4	
3	3	1023235333	GREEN ENERGY SOURCE	PT	4	
4		1023235420	FARM TRACTOR PRACTICAL	P	2	
5		1023235520	FARM MACHINERY PRACTICAL	P	2	
6		1023235654	INNOVATION & STARTUP	P	2	
7		1023235773	INDUSTRIAL TRAINING	P	2	
8		1023235860	ADVANCED SKILLS CERTIFICATION - V	ASC	2	

GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
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Course Code		Course Name				Semester
1023		AGRICULTURAL ENGINEERING (FULL TIME)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	6000236111	ADVANCED ENGINEERING MATHEMATICS	T	3	
1	2	6000236112	ENTREPRENEURSHIP	T	3	
1	3	6000236113	PROJECT MANAGEMENT	T	3	
1	4	6000236114	FINANCE FUNDAMENTALS	T	3	
1	5	1023236115	DAIRY ENGINEERING	T	3	
1	6	1023236116	MANUFACTURING ENGINEERING	T	3	
1	7	1023236117	REFRIGERATION & STORAGE	T	3	
2	1	1023236221	DAIRY ENGINEERING PRACTICAL	P	2	
2	2	1023236222	MANUFACTURING ENGINEERING PRACTICAL	P	2	
2	3	1023236223	REFRIGERATION & AIR CONDITIONING PRACTICAL	P	2	
3	1	1023236351	INTERNSHIP	P	12	
3	2	1023236353	FELLOWSHIP	P	12	
3	3	1023236374	IN-HOUSE PROJECT WORK	P	12	

**GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
1024		REFRIGERATION AND AIR-CONDITIONING (FULL TIME)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

**GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
1024		REFRIGERATION AND AIR-CONDITIONING (FULL TIME)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		ME232120	BASICS OF MECHANICAL ENGINEERING	T	3	
3		MA232431	APPLIED MATHEMATICS - I	P	3	
4		PH232441	APPLIED PHYSICS - I	P	2	
5		CH232451	APPLIED CHEMISTRY - I	P	2	
6		EP232460	BASIC ENGINEERING PRACTICES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
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Course Code		Course Name				Semester
1024		REFRIGERATION AND AIR-CONDITIONING (FULL TIME)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1221233110	BASIC MANUFACTURING TECHNOLOGY	T	3	
2		1221233230	ENGINEERING THERMODYNAMICS	PT	4	
3		1221233340	MECHANICS OF MATERIALS	P	3	
4		1020233440	INDUSTRIAL DRIVES AND CONTROL	P	3	
5		1221233540	R&A/C WORKSHOP	P	3	
6		1221233620	BASIC MANUFACTURING TECHNOLOGY PRACTICAL	P	2	
7		1020233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		1020233886	HEALTH & WELLNESS	HW	1	

GOVERNMENT OF TAMIL NADU
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Course Code		Course Name				Semester
1024		REFRIGERATION AND AIR-CONDITIONING (FULL TIME)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1221234110	REFRIGERATION	T	3	
2		1221234230	FLUID MECHANICS AND MACHINES	PT	3	
3		1221234340	HVAC CAD DRAWING	P	3	
4		1020234440	SENSORS AND ACTUATORS	P	3	
5		1221234520	REFRIGERATION PRACTICAL	P	2	
6		1020234640	METROLOGY AND MEASUREMENTS	P	3	
7		1020234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

GOVERNMENT OF TAMIL NADU
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Course Code		Course Name				Semester
1024		REFRIGERATION AND AIR-CONDITIONING (FULL TIME)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1221235130	AIR CONDITIONING	PT	4	
2		1020235230	INDUSTRIAL ENGINEERING AND MANAGEMENT	PT	4	
3	1	1221235311	HEATING SYSTEM	T	3	
3	2	1221235312	HVAC MACHINES	T	3	
3	3	1221235313	CRYOGENIC ENGINEERING	T	3	
3	4	1221235314	FOOD PROCESSING AND PRESERVATION	T	3	
3	5	1221235315	TRANSPORT AND SPECIAL APPLICATION OF HVAC	T	3	
4		1221235420	HVAC MACHINES PRACTICAL	P	2	
5	1	1221235541	HVAC MACHINE SERVICE PRACTICE	P	3	
5	2	1020235542	SYSTEMS APPLICATIONS AND PRODUCT (SAP)	P	3	
5	3	1020235543	INDUSTRIAL IOT	P	3	
5	4	1221235544	COMPUTER INTEGRATED MANUFACTURING	P	3	
5	5	1020235545	INDUSTRIAL ROBOTICS	P	3	
6		1020235654	INNOVATION & STARTUP	P	2	
7		1020235773	INDUSTRIAL TRAINING	P	2	
8		1020235860	ADVANCED SKILLS CERTIFICATION - V	ASC	2	

GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester
1024		REFRIGERATION AND AIR-CONDITIONING (FULL TIME)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	6000236111	ADVANCED ENGINEERING MATHEMATICS	T	3	
1	2	6000236112	ENTREPRENEURSHIP	T	3	
1	3	1221236113	APPLICATIONS OF HVAC SYSTEM	T	3	
1	4	6000236114	FINANCE FUNDAMENTALS	T	3	
1	5	1020236115	INDUSTRY 4.0	T	3	
1	6	1020236116	ADDITIVE MANUFACTURING	T	3	
1	7	1020236117	POWER PLANT ENGINEERING	T	3	
2	1	1020236241	MEP EQUIPMENT SERVICING	P	3	
2	2	1020236242	MAINTENANCE OF MACHINE TOOLS	P	3	
2	3	1020236243	NON-DESTRUCTIVE TESTING	P	3	
2	4	1221236244	AUTOMOBILE ENGINEERING	P	3	
2	5	1020236245	PRODUCT DESIGN & DEVELOPMENT	P	3	
2	6	1221236246	HEAT TRANSFER IN HVAC SYSTEM	P	3	
2	7	1020236247	REVERSE ENGINEERING	P	3	
2	8	1020236248	GREEN ENERGY & ENGINEERING	P	3	
3	1	1020236351	INTERNSHIP	P	12	
3	2	1020236353	FELLOWSHIP	P	12	
3	3	1020236374	IN-HOUSE PROJECT	P	12	

GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester
1025		PRODUCTION ENGINEERING (FULL TIME)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

GOVERNMENT OF TAMIL NADU
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SUBJECT LIST (R2023)

Course Code		Course Name				Semester
1025		PRODUCTION ENGINEERING (FULL TIME)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		ME232120	BASICS OF MECHANICAL ENGINEERING	T	3	
3		MA232431	APPLIED MATHEMATICS - I	P	3	
4		PH232441	APPLIED PHYSICS - I	P	2	
5		CH232451	APPLIED CHEMISTRY - I	P	2	
6		EP232460	BASIC ENGINEERING PRACTICES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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Course Code		Course Name				Semester
1025		PRODUCTION ENGINEERING (FULL TIME)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1025233110	PRODUCTION TECHNOLOGY	T	3	
2		1020233230	STRENGTH OF MATERIALS	PT	4	
3		1020233320	WORKSHOP PRACTICES	P	2	
4		1020233440	INDUSTRIAL DRIVES AND CONTROL	P	3	
5		1020233540	PRODUCTION DRAWING AND MODELING	P	3	
6		1025233640	METROLOGY AND METALLOGRAPHY	P	3	
7		1025233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		1025233886	HEALTH & WELLNESS	HW	1	

GOVERNMENT OF TAMIL NADU
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Course Code		Course Name				Semester
1025		PRODUCTION ENGINEERING (FULL TIME)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1020234110	ADVANCED MANUFACTURING TECHNOLOGY	T	3	
2		1020234230	FLUID MECHANICS	PT	3	
3		1025234320	METAL CUTTING, CNC MACHINES AND 3D PRINTING	P	2	
4		1025234440	MECHANICAL INSTRUMENTATION	P	3	
5		1025234540	THERMAL ENGINEERING AND AUTOMOBILE TECHNOLOGY	P	3	
6		1025234640	APPLIED HYDRAULICS AND PNEUMATICS	P	3	
7		1025234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

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Course Code		Course Name				Semester
1025		PRODUCTION ENGINEERING (FULL TIME)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1020235110	ELEMENTS OF MACHINE DESIGN	T	3	
2		1020235230	INDUSTRIAL ENGINEERING AND MANAGEMENT	PT	4	
3	1	1020235331	MODERN QC TOOLS	PT	3	
3	2	1020235332	COMPOSITE MATERIALS	PT	3	
3	3	1025235333	PROCESS PLANNING AND COST ESTIMATION	PT	3	
3	4	1020235334	VALUE ENGINEERING	PT	3	
3	5	1020235335	GREEN MANUFACTURING	PT	3	
3	6	1020235336	LEAN MANUFACTURING	PT	3	
4		1020235440	MAINTENANCE, REPAIRS & SERVICE	P	3	
5	1	1020235541	CNC PROGRAMMING	P	3	
5	2	1020235542	SYSTEMS APPLICATIONS AND PRODUCT (SAP)	P	3	
5	3	1020235543	INDUSTRIAL IOT	P	3	
5	4	1020235544	ADVANCED WELDING TECHNOLOGIES	P	3	
5	5	1020235545	INDUSTRIAL ROBOTICS	P	3	
5	6	1025235546	JIGS, FIXTURES AND PRESS TOOL DESIGN	P	3	
5	7	1020235547	AUTOMOBILE TECHNOLOGY	P	3	
6		1020235654	INNOVATION & STARTUP	P	2	
7		1025235773	INDUSTRIAL TRAINING	P	2	

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DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester	
1025		PRODUCTION ENGINEERING (FULL TIME)				5	
Column Number	Elec	Subject Code	Subject Name			Subject Type	Credits
8		1025235860	ADVANCED SKILLS CERTIFICATION - V			ASC	2

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GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester
1025		PRODUCTION ENGINEERING (FULL TIME)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	6000236111	ADVANCED ENGINEERING MATHEMATICS	T	3	
1	2	6000236112	ENTREPRENEURSHIP	T	3	
1	3	6000236113	PROJECT MANAGEMENT	T	3	
1	4	6000236114	FINANCE FUNDAMENTALS	T	3	
1	5	1020236115	INDUSTRY 4.0	T	3	
1	6	1020236116	ADDITIVE MANUFACTURING	T	3	
1	7	1020236117	POWER PLANT ENGINEERING	T	3	
2	1	1020236241	MEP EQUIPMENT SERVICING	P	3	
2	2	1020236242	MAINTENANCE OF MACHINE TOOLS	P	3	
2	3	1020236243	NON-DESTRUCTIVE TESTING	P	3	
2	4	1025235544	PRODUCTION AND OPERATIONS MANAGEMENT	P	3	
2	5	1020236245	PRODUCT DESIGN & DEVELOPMENT	P	3	
2	6	1020236246	ELECTRIC VEHICLE TECHNOLOGY	P	3	
2	7	1020236247	REVERSE ENGINEERING	P	3	
2	8	1020236248	GREEN ENERGY & ENGINEERING	P	3	
3	1	1025236351	INTERNSHIP	P	12	
3	2	1025236353	FELLOWSHIP	P	12	
3	3	1025236374	IN-HOUSEPROJECT	P	12	

**GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
1026		METALLURGY (FULL TIME)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

**GOVERNMENT OF TAMIL NADU
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SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
1026		METALLURGY (FULL TIME)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		MT232120	BASICS OF ALLIED ENGINEERING	T	3	
3		MA232431	APPLIED MATHEMATICS - I	P	3	
4		PH232441	APPLIED PHYSICS - I	P	2	
5		CH232451	APPLIED CHEMISTRY - I	P	2	
6		EP232460	BASIC ENGINEERING PRACTICES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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Course Code		Course Name				Semester
1026		METALLURGY (FULL TIME)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1026233110	ELEMENTS OF PHYSICAL METALLURGY	T	4	
2		1026233210	PRODUCTION OF IRON	T	4	
3		1026233320	FUEL TESTING PRACTICAL	P	2	
4		1026233420	FOUNDRY PRACTICAL	P	2	
5		1026233540	METAL JOINING	P	3	
6		1026233640	METALLOGRAPHY PRACTICAL	P	3	
7		1026233760	ADVANCED SKILLS CERTICATION - III	ASC	2	
8		1026233886	HEALTH & WELLNESS	HW	1	

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Course Code		Course Name				Semester
1026		METALLURGY (FULL TIME)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1026234110	HEAT TREATMENT OF METALS AND ALLOYS	T	3	
2		1026234210	PRODUCTION OF STEEL	T	4	
3		1026234310	METAL CASTING	T	3	
4		1026234440	HEAT TREATMENT PRACTICAL	P	3	
5		1026234540	WELDING METALLURGY PRACTICAL	P	3	
6		1026234640	METAL CASTING PRACTICAL	P	3	
7		1026234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

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Course Code		Course Name				Semester
1026		METALLURGY (FULL TIME)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1026235110	NON-FERROUS EXTRACTIVE METALLURGY	T	4	
2		1026235210	MECHANICAL METALLURGY	T	3	
3	1	1026235311	QUALITY MANAGEMENT SYSTEMS IN METALLURGICAL INDUSTRIES	T	3	
3	2	1026235312	NON - DESTRUCTIVE TESTING	T	3	
3	3	1026235313	MATERIALS TECHNOLOGY	T	3	
4		1026235440	MATERIALS AND MEASUREMENT	P	2	
5	1	1026235541	METAL TESTING	P	3	
5	2	1026235542	MINERAL DRESSING PRACTICAL	P	3	
5	3	1026235543	ADVANCED METALLOGRAPHY PRACTICAL	P	3	
6		1026235654	INNOVATION & START-UP	P	2	
7		1026235773	INDUSTRIAL TRAINING	P	2	
8		1026235860	ADVANCED SKILLS CERTIFICATION - V	ASC	2	

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SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
1026		METALLURGY (FULL TIME)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	1026236111	POWDER METALLURGY	T	3	
1	2	1026236112	SELECTION OF MATERIALS	T	3	
1	3	1026236113	CORROSION AND SURFACE ENGINEERING	T	3	
2	1	1026236221	NON-DESTRUCTIVE TESTING PRACTICAL	P	2	
2	2	1026236222	CASTING DESIGN AND SIMULATION PRACTICAL	P	2	
2	3	1026236223	CORROSION & POWDER METALLURGY PRACTICAL	P	2	
3	1	1026236351	INTERNSHIP	P	12	
3	2	1026236353	FELLOWSHIP	P	12	
3	3	1026236374	IN-HOUSE PROJECT	P	12	

**GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
1027		MARINE ENGINEERING (FULL TIME)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

**GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
1027		MARINE ENGINEERING (FULL TIME)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		MR232120	BASICS OF MARINE ENGINEERING	T	3	
3		MA232431	APPLIED MATHEMATICS - I	P	3	
4		PH232441	APPLIED PHYSICS - I	P	2	
5		CH232451	APPLIED CHEMISTRY - I	P	2	
6		EP232460	BASIC ENGINEERING PRACTICES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

GOVERNMENT OF TAMIL NADU
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Course Code		Course Name				Semester
1027		MARINE ENGINEERING (FULL TIME)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1027233110	SHIP CONSTRUCTION TECHNOLOGY	T	3	
2		1027233230	MARINE WORKSHOP TECHNOLOGY - I	PT	4	
3		1027233320	SHIP CONSTRUCTION TECHNOLOGY PRACTICAL - I	P	2	
4		1020233440	INDUSTRIAL DRIVES AND CONTROL	P	3	
5		1027233540	MARINE STRENGTH OF MATERIALS AND FLUID MECHANICS	P	3	
6		1027233640	MARINE WORKSHOP PRACTICE - I	P	3	
7		1027233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		1027233886	HEALTH & WELLNESS	HW	1	

**GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
1027		MARINE ENGINEERING (FULL TIME)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1027234110	MARINE DIESEL ENGINE AND POWER PLANT	T	3	
2		1027234230	MARINE WORKSHOP TECHNOLOGY - II	PT	3	
3		1027234320	SHIP CONSTRUCTION TECHNOLOGY PRACTICAL - II	P	2	
4		1027234440	MARINE ENGINE MECHANISM	P	3	
5		1027234540	SEAMANSHIP AND LIFE SAVING APPLIANCES	P	3	
6		1027234640	MARINE WORKSHOP PRACTICE - II	P	3	
7		1027234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester
1027		MARINE ENGINEERING (FULL TIME)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1027235110	FIRST AID AND FIRE SAFETY	T	3	
2		1027235230	MARINE AUXILIARY MACHINERY	PT	4	
3	1	1027235331	MARINE ENGINEERING DRAWING	PT	3	
3	2	1027235332	PERSONAL SAFETY AND SOCIAL RESPONSIBILITIES	PT	3	
3	3	1027235333	RULE OF THE ROAD	PT	3	
4		1027235440	FIRE FIGHTING	P	3	
5	1	1027235541	SHIP MACHINERY	P	3	
5	2	1027235542	COMPUTER AIDED MARINE ENGINEERING DRAWING	P	3	
5	3	1027235543	NAVIGATIONAL AND METEOROLOGICAL INSTRUMENTS	P	3	
6		1027235654	MARINE INNOVATION & STARTUP	P	2	
7		1027235773	INDUSTRIAL TRAINING	P	2	
8		1027235860	ADVANCEDSKILLSCERTIFICATION - V	ASC	2	

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Course Code		Course Name				Semester
1027		MARINE ENGINEERING (FULL TIME)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	1027236111	NAVAL ARCHITECTURE	T	3	
1	2	1027236112	SHIPPING PRACTICE	T	3	
1	3	1027236113	NAVIGATION	T	3	
2	1	1027236241	PERSONAL SURVIVAL TECHNIQUES	P	3	
2	2	1027236242	FISHING TECHNOLOGY	P	3	
2	3	1027236243	MARINE WELDING TECHNOLOGY	P	3	
3	1	1027236351	INTERNSHIP	P	12	
3	2	1027236353	FELLOWSHIP	P	12	
3	3	1027236374	IN-HOUSE PROJECT WORK	P	12	

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SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
1030		ELECTRICAL AND ELECTRONICS ENGINEERING (FULL TIME)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

GOVERNMENT OF TAMIL NADU
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SUBJECT LIST (R2023)

Course Code		Course Name				Semester
1030		ELECTRICAL AND ELECTRONICS ENGINEERING (FULL TIME)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		EE232120	BASICS OF ELECTRICAL AND ELECTRONICS ENGINEERING	T	3	
3		MA232432	APPLIED MATHEMATICS - II	P	3	
4		PH232442	APPLIED PHYSICS - II	P	2	
5		CH232452	APPLIED CHEMISTRY - II	P	2	
6		EP232460	BASIC ENGINEERING PRACTICES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

**GOVERNMENT OF TAMIL NADU
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SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
1030		ELECTRICAL AND ELECTRONICS ENGINEERING (FULL TIME)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1030233110	ELECTRICAL MACHINES I	T	4	
2		1030233210	ELECTRICAL CIRCUIT THEORY	T	4	
3		1030233340	SENSORS AND MEASUREMENT	P	3	
4		1030233440	ANALOG AND DIGITAL ELECTRONICS	P	3	
5		1030233540	PROGRAMMING IN C	P	2	
6		1030233620	ELECTRICAL MACHINES I PRACTICAL	P	2	
7		1030233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		1030233886	HEALTH & WELLNESS	ASC	1	

GOVERNMENT OF TAMIL NADU
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SUBJECT LIST (R2023)

Course Code		Course Name				Semester
1030		ELECTRICAL AND ELECTRONICS ENGINEERING (FULL TIME)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1030234110	ELECTRICAL MACHINES II	T	4	
2		1030234210	GENERATION, TRANSMISSION AND DISTRIBUTION	T	4	
3		1030234340	MICROCONTROLLER AND EMBEDDED SYSTEMS	P	3	
4		1030234440	ELECTRICAL CAD DESIGN	P	3	
5		1030234540	SERVICING OF ELECTRICAL APPLIANCES	P	2	
6		1030234620	ELECTRICAL MACHINES II PRACTICAL	P	2	
7		1030234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

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SUBJECT LIST (R2023)

Course Code		Course Name				Semester
1030		ELECTRICAL AND ELECTRONICS ENGINEERING (FULL TIME)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1030235110	POWER SYSTEM PROTECTION AND UTILIZATION	T	3	
2		1030235210	E-VEHICLE TECHNOLOGY	T	3	
3		1030235340	POWER ELECTRONICS	P	3	
4		1030235440	PLC AND AUTOMATION	P	3	
5	1	1030235541	IOT AND APPLICATION	P	3	
5	2	1030235542	COMPUTER HARDWARE AND NETWORKING	P	3	
5	3	1030235543	CONTROL OF ELECTRICAL MACHINES	P	3	
5	4	1030235544	AUTO MECHATRONICS	P	3	
5	5	1030235545	MECHANICAL ENGINEERING	P	3	
5	6	1030235546	ESTIMATION, STANDARDS AND REGULATIONS	P	3	
5	8	1030235548	ADVANCED MICROCONTROLLER	P	3	
6		1030235654	INNOVATION AND START-UPS	P	2	
7		1030235773	INDUSTRIAL TRAINING	P	2	
8		1030235860	ADVANCED SKILLS CERTIFICATION - V	ASC	2	

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Course Code		Course Name				Semester
1030		ELECTRICAL AND ELECTRONICS ENGINEERING (FULL TIME)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	6000236111	ADVANCED ENGINEERING MATHEMATICS	T	3	
1	2	6000236112	ENTREPRENEURSHIP	T	3	
1	3	6000236113	PROJECT MANAGEMENT	T	3	
1	4	6000236114	FINANCE FUNDAMENTALS	T	3	
1	5	1030236115	INDUSTRIAL MANAGEMENT AND SAFETY	T	3	
1	6	1030236116	BATTERY MANAGEMENT SYSTEM	T	3	
1	7	1030236117	INDUSTRIAL AUTOMATION	T	3	
2	1	1030236231	HVAC (R & AC)	PT	3	
2	2	1030236232	PCB DESIGN AND ASSEMBLY	PT	3	
2	3	1030236233	ELECTRONICS PRODUCT DESIGN	PT	3	
2	4	1030236234	RENEWABLE ENERGY SYSTEMS	PT	3	
2	5	1030236235	ENERGY CONSERVATION AND AUDITING	PT	3	
2	6	1030236236	ELECTRICAL DRIVES AND CONTROLS	PT	3	
3	1	1030236351	INTERNSHIP	P	12	
3	2	1030236353	FELLOWSHIP	P	12	
3	3	1030236374	IN-HOUSE PROJECT	P	12	

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Course Code		Course Name				Semester
1032		ELECTRICAL ENGINEERING AND ELECTRIC VEHICLE TECHNOLOGY (FULL TIME)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

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Course Code		Course Name				Semester
1032		ELECTRICAL ENGINEERING AND ELECTRIC VEHICLE TECHNOLOGY (FULL TIME)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		EE232120	BASICS OF ELECTRICAL AND ELECTRONICS ENGINEERING	T	3	
3		MA232432	APPLIED MATHEMATICS - II	P	3	
4		PH232442	APPLIED PHYSICS - II	P	2	
5		CH232452	APPLIED CHEMISTRY - II	P	2	
6		EP232460	BASIC ENGINEERING PRACTICES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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Course Code		Course Name				Semester
1032		ELECTRICAL ENGINEERING AND ELECTRIC VEHICLE TECHNOLOGY (FULL TIME)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1032233110	FUNDAMENTALS OF ELECTRIC VEHICLE	T	4	
2		1030233210	ELECTRICAL CIRCUIT THEORY	T	4	
3		1030233340	SENSORS AND MEASUREMENT	P	3	
4		1030233440	ANALOG AND DIGITAL ELECTRONICS	P	3	
5		1032233540	BASIC MANUFACTURING PROCESS WITH WORKSHOP PRACTICE	P	2	
6		1021233440	AUTOMOTIVE ELECTRICAL AND ELECTRONICS SYSTEMS	P	3	
7		1032233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		1032233886	HEALTH & WELLNESS	HW	1	

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SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
1032		ELECTRICAL ENGINEERING AND ELECTRIC VEHICLE TECHNOLOGY (FULL TIME)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1032234110	ELECTRICAL POWER SYSTEM	T	4	
2		1032234210	MOTOR DRIVES AND CONTROL FOR ELECTRIC VEHICLES	T	4	
3		1030234340	MICROCONTROLLER AND EMBEDDED SYSTEMS	P	3	
4		1030234440	ELECTRICAL CAD DESIGN	P	3	
5		1032234540	VEHICLE CHASSIS, SUSPENSION, TRANSMISSION & GARAGE EQUIPMENT	P	2	
6		1032234620	MOTOR DRIVES AND CONTROL FOR ELECTRIC VEHICLES LAB	P	2	
7		1032234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

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Course Code		Course Name				Semester
1032		ELECTRICAL ENGINEERING AND ELECTRIC VEHICLE TECHNOLOGY (FULL TIME)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1032235110	MAINTENANCE AND SAFETY OF ELECTRIC VEHICLE	T	3	
2		1032235210	ENERGY STORAGE AND BATTERY MANAGEMENT SYSTEM	T	3	
3		1030235340	POWER ELECTRONICS	P	3	
4		1032235520	HYBRID ELECTRICAL VEHICLE LAB	P	3	
5	1	1030235541	IOT AND APPLICATION	P	3	
5	2	1030235542	COMPUTER HARDWARE AND NETWORKING	P	3	
5	3	1030235543	CONTROL OF ELECTRICAL MACHINES	P	3	
5	4	1030235544	AUTO MECHATRONICS	P	3	
5	5	1030235545	MECHANICAL ENGINEERING	P	3	
6		1032235654	INNOVATION AND START-UPS	P	2	
7		1032235773	INDUSTRIAL TRAINING	P	2	
8		1032235860	ADVANCED SKILLS CERTIFICATION - V	ASC	2	

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Course Code		Course Name				Semester
1032		ELECTRICAL ENGINEERING AND ELECTRIC VEHICLE TECHNOLOGY (FULL TIME)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	6000236111	ADVANCED ENGINEERING MATHEMATICS	T	3	
1	2	6000236112	ENTREPRENEURSHIP	T	3	
1	3	6000236113	PROJECT MANAGEMENT	T	3	
1	4	1032236114	ELECTRICAL VEHICLE CHARGING TECHNIQUES ELECTRICAL	T	3	
1	5	1032236115	ELECTRIC VEHICLE ARCHITECTURE	T	3	
1	6	1032236116	TESTING OF ELECTRICAL VEHICLE	T	3	
1	7	1032236117	FUEL CELL TESTING AND IC ENGINES	T	3	
1	8	1030236117	INDUSTRIAL AUTOMATION	T	3	
2	1	1030236232	PCB DESIGN AND ASSEMBLY	PT	3	
2	2	1030236233	ELECTRONICS PRODUCT DESIGN	PT	3	
2	3	1030236235	ENERGY CONSERVATION AND AUDITING	PT	3	
2	4	1020236244	PROCESS AUTOMATION	P	3	
2	5	1021236245	ADDITIVEMANUFACTURINGPRACTICAL	P	3	
3	1	1032236351	INTERNSHIP	P	12	
3	2	1032236353	FELLOWSHIP	P	12	
3	3	1032236374	IN-HOUSE PROJECT	P	12	

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Course Code		Course Name				Semester
1040		ELECTRONICS AND COMMUNICATION ENGINEERING (FULL TIME)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

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Course Code		Course Name				Semester
1040		ELECTRONICS AND COMMUNICATION ENGINEERING (FULL TIME)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		EE232120	BASICS OF ELECTRICAL AND ELECTRONICS ENGINEERING	T	3	
3		MA232432	APPLIED MATHEMATICS - II	P	3	
4		PH232442	APPLIED PHYSICS - II	P	2	
5		CH232452	APPLIED CHEMISTRY - II	P	2	
6		EP232460	BASIC ENGINEERING PRACTICES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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Course Code		Course Name				Semester
1040		ELECTRONICS AND COMMUNICATION ENGINEERING (FULL TIME)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1040233110	ELECTRONIC DEVICES AND CIRCUITS	T	4	
2		1040233210	DIGITAL ELECTRONICS	T	4	
3		1040233320	ELECTRONIC DEVICES AND CIRCUITS PRACTICAL	P	2	
4		1040233420	DIGITAL ELECTRONICS PRACTICAL	P	2	
5		1040233540	LINEAR INTEGRATED CIRCUITS	P	3	
6		1040233640	ELECTRICAL CIRCUITS AND MACHINES	P	2	
7		1040233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		1040233986	HEALTH & WELLNESS	HW	1	

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Course Code		Course Name				Semester
1040		ELECTRONICS AND COMMUNICATION ENGINEERING (FULL TIME)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1040234110	MICROCONTROLLER	T	4	
2		1040234210	DATA COMMUNICATION AND NETWORKING	T	3	
3		1040234340	BASICS OF COMMUNICATION ENGINEERING	P	3	
4		1040234440	MEASURING INSTRUMENTS AND SENSORS	P	3	
5		1040234540	PROGRAMMING IN C	P	3	
6		1040234652	MICROCONTROLLER PRACTICAL	P	2	
7		1040234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

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Course Code		Course Name				Semester
1040		ELECTRONICS AND COMMUNICATION ENGINEERING (FULL TIME)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1040235130	ADVANCED COMMUNICATION SYSTEMS	PT	3	
2		1040235230	MOBILE COMMUNICATION	PT	3	
3	1	1030235210	E-VEHICLE TECHNOLOGY	T	3	
3	2	1040235312	MEDICAL INSTRUMENTATION	T	3	
3	3	1040235313	DIGITAL COMMUNICATION	T	3	
3	4	1040235314	DIGITAL MANUFACTURING TECHNOLOGY	T	3	
3	5	1040235315	SIGNAL & IMAGE PROCESSING	T	3	
3	6	1040235316	ELECTRONIC SYSTEM DESIGN	T	3	
4		1040235440	EMBEDDED SYSTEMS	P	4	
5	1	1040235541	INDUSTRIAL AUTOMATION	P	3	
5	2	1040235542	ROBOTICS	P	3	
5	3	1040235543	COMPUTER HARDWARE SERVICING	P	3	
5	4	1040235544	PCB DESIGN & ASSEMBLY	P	3	
5	5	1040235545	INDUSTRIAL IOT	P	3	
5	6	1040235546	MULTIMEDIA SYSTEMS	P	3	
6		1040235652	INNOVATION & STARTUP	P	2	
7		1040235773	INDUSTRIAL TRAINING	P	2	
8		1040235860	ADVANCED SKILLS CERTIFICATION - V	ASC	2	

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Course Code		Course Name				Semester
1040		ELECTRONICS AND COMMUNICATION ENGINEERING (FULL TIME)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	6000236111	ADVANCED ENGINEERING MATHEMATICS	T	3	
1	2	6000236112	ENTREPRENEURSHIP	T	3	
1	3	6000236113	PROJECT MANAGEMENT	T	3	
1	4	6000236114	FINANCE FUNDAMENTALS	T	3	
1	5	1040236115	CONSUMER ELECTRONICS	T	3	
1	6	1040236116	ASIC DESIGN	T	3	
2	1	1040236241	POWER ELECTRONIC DEVICES	P	3	
2	2	1040236242	VLSI USING VERILOG	P	3	
2	3	1040236243	VIRTUAL INSTRUMENTATION [LAB VIEW]	P	3	
2	4	1040236244	ARTIFICIAL INTELLIGENCE	P	3	
2	5	1040236245	WIRELESS COMMUNICATION	P	3	
2	6	1040236246	VR AND AR	P	3	
3	1	1040236351	INTERNSHIP	P	12	
3	2	1040236353	FELLOWSHIP	P	12	
3	3	1040236374	IN-HOUSE PROJECT	P	12	
3	4	2040236374	INDUSTRIAL TRAINING (SW)	P	12	

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Course Code		Course Name				Semester
1042		INSTRUMENTATION AND CONTROL ENGINEERING (FULL TIME)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

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Course Code		Course Name				Semester
1042		INSTRUMENTATION AND CONTROL ENGINEERING (FULL TIME)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		IC232120	BASICS OF ELECTRONICS AND INSTRUMENTATION	T	4	
3		MA232432	APPLIED MATHEMATICS - II	P	3	
4		PH232442	APPLIED PHYSICS - II	P	2	
5		CH232452	APPLIED CHEMISTRY - II	P	2	
6		IC232260	BASICS OF ELECTRONICS AND INSTRUMENTATION PRACTICAL	P	1	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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Course Code		Course Name				Semester
1042		INSTRUMENTATION AND CONTROL ENGINEERING (FULL TIME)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1042233110	SENSORS AND TRANSDUCERS	T	3	
2		1042233230	MEASUREMENTS AND INSTRUMENTS	PT	4	
3		1042233320	SENSORS AND TRANSDUCERS PRACTICAL	P	2	
4		1042233440	CIRCUIT THEORY AND MACHINES	P	3	
5		1042233540	PRINCIPLES OF ELECTRONICS ENGINEERING	P	3	
6		1042233640	BASICS OF C PROGRAMMING	P	3	
7		1042233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		1042233886	HEALTH & WELLNESS	HW	1	

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Course Code		Course Name				Semester
1042		INSTRUMENTATION AND CONTROL ENGINEERING (FULL TIME)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1042234110	MEASUREMENT OF PROCESS VARIABLES	T	3	
2		1042234230	CONTROL ENGINEERING	PT	3	
3		1042234320	MEASUREMENT OF PROCESS VARIABLES PRACTICAL	P	2	
4		1042234440	VIRTUAL INSTRUMENTATION	P	2	
5		1042234540	ANALOG AND DIGITAL ELECTRONICS	P	3	
6		1042234640	8051 MICROCONTROLLER	P	3	
7		1042234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	3	

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Course Code		Course Name				Semester
1042		INSTRUMENTATION AND CONTROL ENGINEERING (FULL TIME)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1042235110	PROCESS CONTROL INSTRUMENTATION	T	5	
2	1	1042235311	INDUSTRIAL INSTRUMENTATION	T	4	
2	2	1042235312	FIBER OPTICS AND LASER INSTRUMENTATION	T	4	
2	3	1042235313	EMBEDDED SYSTEM DESIGN WITH ARDUINO	T	4	
2	4	1042235314	INDUSTRIAL POWER ELECTRONICS	T	4	
2	5	1042235315	ANALYTICAL INSTRUMENTATION	T	4	
3		1042235420	PROCESS CONTROL INSTRUMENTATION PRACTICAL	P	2	
4	1	1042235421	INDUSTRIAL INSTRUMENTATION PRACTICAL	P	2	
4	2	1042235422	P & ID USING CAD PRACTICAL	P	2	
4	3	1042235423	EMBEDDED SYSTEM DESIGN WITH ARDUINO PRACTICAL	P	2	
4	4	1042235424	INDUSTRIAL POWER ELECTRONICS PRACTICAL	P	2	
4	5	1042235525	AUTOMATED PNEUMATIC INSTRUMENTATION PRACTICAL	P	2	
5		1042235540	INDUSTRIAL AUTOMATION USING PLC	P	3	
6		1042235654	INNOVATION & STARTUP	P	2	
7		1042235773	INDUSTRIAL TRAINING	P	2	
8		1042235760	ADVANCED SKILLS CERTIFICATION - V	ASC	2	

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Course Code		Course Name				Semester
1042		INSTRUMENTATION AND CONTROL ENGINEERING (FULL TIME)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	6000236111	ADVANCED ENGINEERING MATHEMATICS	T	3	
1	2	6000236112	ENTREPRENEURSHIP	T	3	
1	3	6000236113	PROJECT MANAGEMENT	T	3	
1	4	6000236114	FINANCE FUNDAMENTALS	T	3	
1	5	1042236115	BIOMEDICAL INSTRUMENTATION	T	3	
1	6	1042236116	POWER PLANT INSTRUMENTATION	T	3	
1	7	1042236117	INDUSTRIAL PROCESS CONTROL INSTRUMENTATION	T	3	
2	1	1042236211	INDUSTRIAL AUTOMATION AND DRIVES	T	3	
2	2	1042236212	INSTRUMENTATION IN PAPER AND CEMENT INDUSTRIES	T	3	
2	3	1042236213	COMPUTER CONTROL OF PROCESS	T	3	
2	4	1042236214	INDUSTRIAL ROBOTICS	T	3	
3	1	1042236351	INTERNSHIP	P	12	
3	2	1042236353	FELLOW SHIP	P	12	
3	3	1042236374	IN-HOUSE PROJECT	P	12	

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Course Code		Course Name				Semester
1046		INFORMATION TECHNOLOGY (FULL TIME)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

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Course Code		Course Name				Semester
1046		INFORMATION TECHNOLOGY (FULL TIME)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		CS232120	BASICS OF COMPUTER ENGINEERING	T	3	
3		MA232432	APPLIED MATHEMATICS - II	P	3	
4		PH232442	APPLIED PHYSICS - II	P	2	
5		CH232452	APPLIED CHEMISTRY - II	P	2	
6		EP232460	BASIC ENGINEERING PRACTICES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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Course Code		Course Name				Semester
1046		INFORMATION TECHNOLOGY (FULL TIME)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1046233110	INFORMATION TECHNOLOGY ESSENTIALS	T	3	
2		1052233230	RDBMS	PT	4	
3		1046233340	BASICS OF DIGITAL LOGIC DESIGN	P	2	
4		1052233440	C PROGRAMMING	P	3	
5		1052233540	WEB DESIGNING	P	3	
6		1052233640	OPERATING SYSTEMS	P	2	
7		1046233760	ADVANCED SKILLS CERTIFICATIONS - III	ASC	2	
8		1046233886	HEALTH & WELLNESS	HW	1	
9		1046233886	HEALTH & WELLNESS	HW	1	

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Course Code		Course Name				Semester
1046		INFORMATION TECHNOLOGY (FULL TIME)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1046234110	SOFTWARE ENGINEERING	T	3	
2		1052234230	DATA STRUCTURES USING PYTHON	PT	4	
3		1052234340	JAVA PROGRAMMING	P	4	
4		1052234440	PYTHON PROGRAMMING	P	3	
5		1052234540	E-PUBLISHING TOOLS	P	3	
6		1052234640	SCRIPTING LANGUAGES	P	3	
7		1046234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

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Course Code		Course Name				Semester
1046		INFORMATION TECHNOLOGY (FULL TIME)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1046235110	SYSTEM ADMINISTRATION	T	3	
2	1	1046235211	COMPUTER NETWORKING AND CYBER SECURITY	T	3	
2	2	1052235212	DATA WARE HOUSING AND DATA MINING	T	3	
2	3	1052235213	ETHICAL HACKING	T	3	
2	4	1052235214	AGILE PRODUCT DEVELOPMENT	T	3	
2	5	1052235215	ARTIFICIAL INTELLIGENCE	T	3	
3		1052235320	INTERNET OF THINGS & DIGITAL TWINS	P	2	
4		1052235440	COMPUTER HARDWARE AND NETWORKING	P	3	
5	1	1046235541	CLOUDCOMPUTINGAND APPLICATIONS	P	3	
5	2	1052235542	MOBILECOMPUTING	P	3	
5	3	1052235543	COMPONENT BASED TECHNOLOGIES	P	3	
5	4	1052235544	MULTIMEDIASYSTEMS	P	3	
5	5	1052235545	FULLSTACKDEVELOPER	P	3	
5	6	1052235546	ROBOTICPROCESSAUTOMATION	P	3	
6		1052235654	INNOVATION & STARTUP	P	2	
7		1052235773	INDUSTRIAL TRAINING	P	2	
8		1046235860	ADVANCED SKILLS CERTIFICATION - V	ASC	2	

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Course Code		Course Name				Semester
1046		INFORMATION TECHNOLOGY (FULL TIME)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	6000236111	ADVANCED ENGINEERING MATHEMATICS	T	3	
1	2	6000236112	ENTREPRENEURSHIP	T	3	
1	3	6000236113	PROJECT MANAGEMENT	T	3	
1	4	6000236114	FINANCE FUNDAMENTALS	T	3	
1	5	1052236115	5G TECHNOLOGY	T	3	
1	6	1052236116	DEVOPS	T	3	
2	1	1052236241	DATA SCIENCE	P	3	
2	2	1046236242	SOFTWARE TESTING	P	3	
2	3	1052236243	DATA VISUALIZATION	P	3	
2	4	1052236244	ADVANCED DBMS	P	3	
2	5	1052236245	MOBILE APPLICATION DEVELOPMENT	P	3	
2	6	1052236246	UI & UX DESIGN	P	3	
3	1	1046236351	INTERNSHIP	P	12	
3	2	1046236353	FELLOWSHIP	P	12	
3	3	1046236374	IN-HOUSE PROJECT	P	12	

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Course Code		Course Name				Semester
1047		MECHATRONICS ENGINEERING (FULL TIME)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

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Course Code		Course Name				Semester
1047		MECHATRONICS ENGINEERING (FULL TIME)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		EE232120	BASICS OF ELECTRICAL AND ELECTRONICS ENGINEERING	T	3	
3		MA232432	APPLIED MATHEMATICS - II	P	3	
4		PH232442	APPLIED PHYSICS - II	P	2	
5		CH232452	APPLIED CHEMISTRY - II	P	2	
6		EP232460	BASIC ENGINEERING PRACTICES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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Course Code		Course Name				Semester
1047		MECHATRONICS ENGINEERING (FULL TIME)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1047233110	LINEAR AND DIGITAL INTEGRATED CIRCUITS	T	3	
2		1047233210	MEASURING INSTRUMENTS AND SENSORS	T	4	
3		1047233320	CAD FOR AUTOMATION	P	2	
4		1047233420	C AND PYTHON PROGRAMMING	P	2	
5		1047233540	MANUFACTURING TECHNOLOGY	P	3	
6		1047233640	INTRODUCTION TO MECHATRONICS SYSTEMS	P	3	
7		1047233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		1047233886	HEALTH & WELLNESS	HW	1	

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Course Code		Course Name				Semester
1047		MECHATRONICS ENGINEERING (FULL TIME)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1047234110	MICROCONTROLLER AND INTERFACING	T	4	
2		1047234230	LOW COST AUTOMATION	PT	4	
3		1047234320	EMBEDDED PROGRAMMING	P	2	
4		1047234440	MECHANICS OF MATERIALS.	P	3	
5		1047234540	INDUSTRIAL DRIVES AND CONTROL	P	3	
6		1047234640	FUNDAMENTALS OF INTERNET OF THINGS	P	3	
7		1047234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

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Course Code		Course Name				Semester
1047		MECHATRONICS ENGINEERING (FULL TIME)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1047235110	ROBOTICS	T	3	
2		1047235230	CONTROL SYSTEM FOR MECHATRONICS	PT	4	
3		1047235320	ROBOTICS PRACTICAL	P	3	
4		1047235440	CIM & CNC PROGRAMMING	P	3	
5	1	1047235531	PLCAND HMI	P	3	
5	2	1040235544	PCB DESIGN & ASSEMBLY	P	3	
5	3	1020236246	ELECTRIC VEHICLE TECHNOLOGY	P	3	
5	4	1020236247	REVERSE ENGINEERING	P	3	
5	5	1020236248	GREEN ENERGY & ENGINEERING	P	3	
6		1047235654	INNOVATION AND START-UPS	P	2	
7		1047235773	INDUSTRIAL TRAINING	P	2	
8		1047235860	ADVANCED SKILLS CERTIFICATION - V	ASC	2	

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Course Code		Course Name				Semester
1047		MECHATRONICS ENGINEERING (FULL TIME)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	6000236111	ADVANCED ENGINEERING MATHEMATICS	T	3	
1	2	6000236112	ENTREPRENEURSHIP	T	3	
1	3	6000236113	PROJECT MANAGEMENT	T	3	
1	4	6000236114	FINANCE FUNDAMENTALS	T	3	
1	5	1030236115	INDUSTRIAL MANAGEMENT AND SAFETY	T	3	
2	1	1030236116	BATTERY MANAGEMENT SYSTEM	T	3	
2	2	1020236115	INDUSTRY 4.0	T	3	
2	3	1020236116	ADDITIVE MANUFACTURING	T	3	
2	4	1042236115	BIOMEDICAL INSTRUMENTATION	T	3	
3	1	1047236351	INTERNSHIP	P	12	
3	2	1047236353	FELLOWSHIP	P	12	
3	3	1047236374	IN-HOUSEPROJECT	P	12	
3	4	2047234274	INDUSTRIAL TRAINING(SW) - I	P	12	

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Course Code		Course Name				Semester
1049		ELECTRONICS (ROBOTICS) (FULL TIME)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

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Course Code		Course Name				Semester
1049		ELECTRONICS (ROBOTICS) (FULL TIME)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		EE232120	BASICS OF ELECTRICAL AND ELECTRONICS ENGINEERING	T	3	
3		MA232432	APPLIED MATHEMATICS - II	P	3	
4		PH232442	APPLIED PHYSICS - II	P	2	
5		CH232452	APPLIED CHEMISTRY - II	P	2	
6		EP232460	BASIC ENGINEERING PRACTICES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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Course Code		Course Name				Semester
1049		ELECTRONICS (ROBOTICS) (FULL TIME)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1047233110	LINEAR AND DIGITAL INTEGRATED CIRCUITS	T	3	
2		1047233210	MEASURING INSTRUMENTS AND SENSORS	T	4	
3		1047233320	CAD FOR AUTOMATION	P	2	
4		1047233420	C AND PYTHON PROGRAMMING	P	2	
5		1047233540	MANUFACTURING TECHNOLOGY	P	3	
6		1047233640	INTRODUCTION TO MECHATRONICS SYSTEMS	P	3	
7		1047233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		1047233886	HEALTH & WELLNESS	HW	1	

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Course Code		Course Name				Semester
1049		ELECTRONICS (ROBOTICS) (FULL TIME)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1047234110	MICROCONTROLLER AND INTERFACING	T	4	
2		1047234230	LOW COST AUTOMATION	PT	4	
3		1047234320	EMBEDDED PROGRAMMING	P	2	
4		1047234440	MECHANICS OF MATERIALS.	P	3	
5		1047234540	INDUSTRIAL DRIVES AND CONTROL	P	3	
6		1047234640	FUNDAMENTALS OF INTERNET OF THINGS	P	3	
7		1047234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

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Course Code		Course Name				Semester
1049		ELECTRONICS (ROBOTICS) (FULL TIME)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1047235110	ROBOTICS	T	3	
2		1047235230	CONTROL SYSTEM FOR MECHATRONICS	PT	4	
3		1047235320	ROBOTICS PRACTICAL	P	3	
4		1047235440	CIM & CNC PROGRAMMING	P	3	
5	1	1047235531	PLCAND HMI	P	3	
5	2	1040235544	PCB DESIGN & ASSEMBLY	P	3	
5	3	1020236246	ELECTRIC VEHICLE TECHNOLOGY	P	3	
5	4	1020236247	REVERSE ENGINEERING	P	3	
5	5	1020236248	GREEN ENERGY & ENGINEERING	P	3	
6		1047235654	INNOVATION AND START-UPS	P	2	
7		1047235773	INDUSTRIAL TRAINING	P	2	
8		1047235860	ADVANCED SKILLS CERTIFICATION - V	ASC	2	

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Course Code		Course Name				Semester
1049		ELECTRONICS (ROBOTICS) (FULL TIME)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	6000236111	ADVANCED ENGINEERING MATHEMATICS	T	3	
1	2	6000236112	ENTREPRENEURSHIP	T	3	
1	3	6000236113	PROJECT MANAGEMENT	T	3	
1	4	6000236114	FINANCE FUNDAMENTALS	T	3	
1	5	1030236115	INDUSTRIAL MANAGEMENT AND SAFETY	T	3	
2	1	1030236116	BATTERY MANAGEMENT SYSTEM	T	3	
2	2	1020236115	INDUSTRY 4.0	T	3	
2	3	1020236116	ADDITIVE MANUFACTURING	T	3	
2	4	1042236115	BIOMEDICAL INSTRUMENTATION	T	3	
3	1	1047236351	INTERNSHIP	P	12	
3	2	1047236353	FELLOWSHIP	P	12	
3	3	1047236374	IN-HOUSEPROJECT	P	12	
3	4	2047234274	INDUSTRIAL TRAINING(SW) - I	P	12	

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Course Code		Course Name				Semester
1051		COMPUTER SCIENCE AND ENGINEERING (FULL TIME)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

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Course Code		Course Name				Semester
1051		COMPUTER SCIENCE AND ENGINEERING (FULL TIME)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		CS232120	BASICS OF COMPUTER ENGINEERING	T	3	
3		MA232432	APPLIED MATHEMATICS - II	P	3	
4		PH232442	APPLIED PHYSICS - II	P	2	
5		CH232452	APPLIED CHEMISTRY - II	P	2	
6		EP232460	BASIC ENGINEERING PRACTICES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester
1051		COMPUTER SCIENCE AND ENGINEERING (FULL TIME)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1052233110	DIGITAL LOGIC DESIGN	T	3	
2		1052233230	RDBMS	PT	4	
3		1052233320	DIGITAL LOGIC DESIGN LAB	P	2	
4		1052233440	C PROGRAMMING	P	3	
5		1052233540	WEB DESIGNING	P	3	
6		1052233640	OPERATING SYSTEMS	P	2	
7		1052233760	ADVANCED SKILLS CERTIFICATIONS - III	ASC	2	
8		1052233886	HEALTH & WELLNESS	HW	1	

GOVERNMENT OF TAMIL NADU
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SUBJECT LIST (R2023)

Course Code		Course Name				Semester
1051		COMPUTER SCIENCE AND ENGINEERING (FULL TIME)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1052234110	COMPUTER NETWORKS AND SECURITY	T	3	
2		1052234230	DATA STRUCTURES USING PYTHON	PT	4	
3		1052234340	JAVA PROGRAMMING	P	4	
4		1052234440	PYTHON PROGRAMMING	P	3	
5		1052234540	E-PUBLISHING TOOLS	P	3	
6		1052234640	SCRIPTING LANGUAGES	P	3	
7		1052234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

GOVERNMENT OF TAMIL NADU
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Course Code		Course Name				Semester
1051		COMPUTER SCIENCE AND ENGINEERING (FULL TIME)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1052235130	CLOUD COMPUTING	PT	3	
2	1	1052235211	MACHINE LEARNING	T	3	
2	2	1052235212	DATA WARE HOUSING AND DATA MINING	T	3	
2	3	1052235213	ETHICAL HACKING	T	3	
2	4	1052235214	AGILE PRODUCT DEVELOPMENT	T	3	
2	5	1052235215	ARTIFICIAL INTELLIGENCE	T	3	
3		1052235320	INTERNET OF THINGS & DIGITAL TWINS	P	2	
4		1052235440	COMPUTER HARDWARE AND NETWORKING	P	3	
5	1	1052235541	DATA ANALYTICS	P	3	
5	2	1052235542	MOBILECOMPUTING	P	3	
5	3	1052235543	COMPONENT BASED TECHNOLOGIES	P	3	
5	4	1052235544	MULTIMEDIASYSTEMS	P	3	
5	5	1052235545	FULLSTACKDEVELOPER	P	3	
5	6	1052235546	ROBOTICPROCESSAUTOMATION	P	3	
6		1052235654	INNOVATION & STARTUP	P	2	
7		1052235773	INDUSTRIAL TRAINING	P	2	
8		1052235860	ADVANCED SKILLS CERTIFICATION - V	ASC	2	

GOVERNMENT OF TAMIL NADU
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Course Code		Course Name				Semester
1051		COMPUTER SCIENCE AND ENGINEERING (FULL TIME)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	6000236111	ADVANCED ENGINEERING MATHEMATICS	T	3	
1	2	6000236112	ENTREPRENEURSHIP	T	3	
1	3	6000236113	PROJECT MANAGEMENT	T	3	
1	4	6000236114	FINANCE FUNDAMENTALS	T	3	
1	5	1052236115	5G TECHNOLOGY	T	3	
1	6	1052236116	DEVOPS	T	3	
2	1	1052236241	DATA SCIENCE	P	3	
2	2	1052236242	CLOUD PLAT FORM	P	3	
2	3	1052236243	DATAVISUALIZATION	P	3	
2	4	1052236244	ADVANCED DBMS	P	3	
2	5	1052236245	MOBILEAPPLICATION DEVELOPMENT	P	3	
2	6	1052236246	UI & UXDESIGN	P	3	
3	1	1052236351	INTERNSHIP	P	12	
3	2	1052236353	FELLOWSHIP	P	12	
3	3	1052236374	IN-HOUSEPROJECT	P	12	

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SUBJECT LIST (R2023)

Course Code		Course Name				Semester
1052		COMPUTER ENGINEERING (FULL TIME)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

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Course Code		Course Name				Semester
1052		COMPUTER ENGINEERING (FULL TIME)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		CS232120	BASICS OF COMPUTER ENGINEERING	T	3	
3		MA232432	APPLIED MATHEMATICS - II	P	3	
4		PH232442	APPLIED PHYSICS - II	P	2	
5		CH232452	APPLIED CHEMISTRY - II	P	2	
6		EP232460	BASIC ENGINEERING PRACTICES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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SUBJECT LIST (R2023)

Course Code		Course Name				Semester
1052		COMPUTER ENGINEERING (FULL TIME)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1052233110	DIGITAL LOGIC DESIGN	T	3	
2		1052233230	RDBMS	PT	4	
3		1052233320	DIGITAL LOGIC DESIGN LAB	P	2	
4		1052233440	C PROGRAMMING	P	3	
5		1052233540	WEB DESIGNING	P	3	
6		1052233640	OPERATING SYSTEMS	P	2	
7		1052233760	ADVANCED SKILLS CERTIFICATIONS - III	ASC	2	
8		1052233886	HEALTH & WELLNESS	HW	1	

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Course Code		Course Name				Semester
1052		COMPUTER ENGINEERING (FULL TIME)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1052234110	COMPUTER NETWORKS AND SECURITY	T	3	
2		1052234230	DATA STRUCTURES USING PYTHON	PT	4	
3		1052234340	JAVA PROGRAMMING	P	4	
4		1052234440	PYTHON PROGRAMMING	P	3	
5		1052234540	E-PUBLISHING TOOLS	P	3	
6		1052234640	SCRIPTING LANGUAGES	P	3	
7		1052234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

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SUBJECT LIST (R2023)

Course Code		Course Name				Semester
1052		COMPUTER ENGINEERING (FULL TIME)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1052235130	CLOUD COMPUTING	PT	3	
2	1	1052235211	MACHINE LEARNING	T	3	
2	2	1052235212	DATA WARE HOUSING AND DATA MINING	T	3	
2	3	1052235213	ETHICAL HACKING	T	3	
2	4	1052235214	AGILE PRODUCT DEVELOPMENT	T	3	
2	5	1052235215	ARTIFICIAL INTELLIGENCE	T	3	
3		1052235320	INTERNET OF THINGS & DIGITAL TWINS	P	2	
4		1052235440	COMPUTER HARDWARE AND NETWORKING	P	3	
5	1	1052235541	DATA ANALYTICS	P	3	
5	2	1052235542	MOBILECOMPUTING	P	3	
5	3	1052235543	COMPONENT BASED TECHNOLOGIES	P	3	
5	4	1052235544	MULTIMEDIASYSTEMS	P	3	
5	5	1052235545	FULLSTACKDEVELOPER	P	3	
5	6	1052235546	ROBOTICPROCESSAUTOMATION	P	3	
6		1052235654	INNOVATION & STARTUP	P	2	
7		1052235773	INDUSTRIAL TRAINING	P	2	
8		1052235860	ADVANCED SKILLS CERTIFICATION - V	ASC	2	

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Course Code		Course Name				Semester
1052		COMPUTER ENGINEERING (FULL TIME)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	6000236111	ADVANCED ENGINEERING MATHEMATICS	T	3	
1	2	6000236112	ENTREPRENEURSHIP	T	3	
1	3	6000236113	PROJECT MANAGEMENT	T	3	
1	4	6000236114	FINANCE FUNDAMENTALS	T	3	
1	5	1052236115	5G TECHNOLOGY	T	3	
1	6	1052236116	DEVOPS	T	3	
2	1	1052236241	DATA SCIENCE	P	3	
2	2	1052236242	CLOUD PLAT FORM	P	3	
2	3	1052236243	DATAVISUALIZATION	P	3	
2	4	1052236244	ADVANCED DBMS	P	3	
2	5	1052236245	MOBILEAPPLICATION DEVELOPMENT	P	3	
2	6	1052236246	UI & UXDESIGN	P	3	
3	1	1052236351	INTERNSHIP	P	12	
3	2	1052236353	FELLOWSHIP	P	12	
3	3	1052236374	IN-HOUSEPROJECT	P	12	

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Course Code		Course Name				Semester
1053		COMPUTER NETWORKING (FULL TIME)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1053233110	DIGITAL LOGIC DESIGN	T	3	
2		1053233230	COMPUTER NETWORKS	T	4	
3		1053233340	C PROGRAMMING	P	3	
4		1053233440	DIGITAL LOGIC DESIGN LAB	P	3	
5		1053233540	OPERATING SYSTEM	P	2	
6		1053233640	DATA COMMUNICATION AND NETWORKING	P	3	
7		1053233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	

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Course Code		Course Name				Semester
1053		COMPUTER NETWORKING (FULL TIME)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1053234110	TCP/IP NETWORKING	T	3	
2		1053234230	STORAGE MANAGEMENT	T	4	
3		1053234340	COMPUTER NETWORK AND SECURITY	P	3	
4		1053234440	COMPUTER HARDWARE TROUBLESHOOTING	P	3	
5		1053234540	E PUBLISHING TOOLS	P	3	
6		1053234640	SYSTEM ADMINISTRATION	P	3	
7		1053234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	1	

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Course Code		Course Name				Semester
1053		COMPUTER NETWORKING (FULL TIME)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1053235130	CLOUD COMPUTING	PT	3	
2	1	1053235211	WIRELESS NETWORKS	T	3	
2	2	1053235212	DATA WAREHOUSING AND DATA MINING	T	3	
2	3	1053235213	ETHICAL HACKING	T	3	
2	4	1053235214	INTRODUCTION TO ENTERPRISE NETWORKING	T	3	
2	5	1053235215	COMPLIANCE AND RISK MANAGEMENT	T	3	
3		1053235320	ADVANCED COMPUTER NETWORKING	P	3	
4	1	1053235441	MULTIMEDIA SYSTEM	P	3	
4	2	1053235442	FIBRE OPTICS COMMUNICATION	P	3	
4	3	1053235443	FREE AND OPEN SOURCE SOFTWARE	P	3	
4	4	1053235444	CLOUD PLATFORM (AWS, AZURE ..)	P	3	
4	5	1053235445	MOBILE APPLICATION DEVELOPMENT	P	3	
5		1053235540	LINUX ADMINISTRATION	P	2	
6		1053235640	INNOVATION & STARTUP	P	2	
7		1053235773	INDUSTRIAL TRAINING	P	2	
8		1053235860	ADVANCED SKILLS CERTIFICATION - V	ASC	2	

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Course Code		Course Name				Semester
1053		COMPUTER NETWORKING (FULL TIME)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	1053236111	TECHNICAL WRITING /KPO	T	3	
1	2	1053236112	ENTREPRENEURSHIP	T	3	
1	3	1053236113	PROJECT MANAGEMENT	T	3	
1	4	1053236114	FINANCE FUNDAMENTALS	T	3	
1	5	1053236115	IT SERVICE MANAGEMENT	T	3	
2	1	1053236241	UI AND UX DESIGN	P	3	
2	2	1053236242	SMART CITY TECHNOLOGIES	P	3	
2	3	1053236243	DATA SCIENCE	P	3	
2	4	1053236244	WIDE AREA NETWORKS	P	3	
2	5	1053236245	INTERNET OF THINGS AND DIGITAL TWINS	P	3	
3	1	1053236351	INTERNSHIP	P	12	
3	2	1053236353	FELLOWSHIP	P	12	
3	3	1053236374	IN-HOUSE PROJECT	P	12	

**GOVERNMENT OF TAMIL NADU
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Course Code		Course Name				Semester
1054		3D ANIMATION AND GRAPHICS (FULL TIME)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

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Course Code		Course Name				Semester
1054		3D ANIMATION AND GRAPHICS (FULL TIME)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		AN232120	BASICS OF 3D ANIMATION AND GRAPHICS ENGINEERING	T	3	
3		MA232432	APPLIED MATHEMATICS - II	P	3	
4		PH232442	APPLIED PHYSICS - II	P	2	
5		CH232452	APPLIED CHEMISTRY - II	P	2	
6		AN232460	ART & FOUNDATION - I PRACTICAL	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
1054		3D ANIMATION AND GRAPHICS (FULL TIME)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1054233110	GRAPHIC DESIGNING TECHNIQUES	T	4	
2		1054233210	FUNDAMENTALS OF PHOTOGRAPHIC TECHNIQUES	T	4	
3		1054233340	ART & FOUNDATION- II	P	2	
4		1054233440	TRADITIONAL 2D ANIMATION	P	3	
5		1054233520	DIGITAL PHOTOGRAPHY LAB	P	3	
6		1054233620	RASTER & VECTOR GRAPHICS LAB	P	3	
7		1054233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	

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Course Code		Course Name				Semester
1054		3D ANIMATION AND GRAPHICS (FULL TIME)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1054234110	ELEMENTS OF FILM MAKING	T	4	
2		1054234210	FUNDAMENTALS OF 3D GRAPHIC TECHNIQUES	T	4	
3		1054234340	UX DESIGNING AND E-PUBLISHING	P	2	
4		1054234440	DIGITAL VIDEO EDITING	P	3	
5		1054234550	2D DIGITAL ANIMATION	P	3	
6		1054234620	3D DESIGNING & ANIMATION	P	3	
7		1054234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

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Course Code		Course Name				Semester
1054		3D ANIMATION AND GRAPHICS (FULL TIME)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1054235110	ADVANCED 3D GRAPHICS TECHNIQUES CORE - I	T	4	
2		1054235210	ADVANCED 3D GRAPHICS TECHNIQUES CORE - II	T	3	
3		1054235320	3D MODELING& TEXTURING TECHNIQUES	P	2	
4		1054235420	3D RIGGING ANIMATION TECHNIQUES	P	3	
5		1054235520	3D LIGHTING RENDERING TECHNIQUES	P	3	
6		1054235654	INNOVATION & STARTUP	P	2	
7		1054235773	INDUSTRIAL TRAINING	P	2	
8		1054235960	ADVANCED SKILLS CERTIFICATION - V	ASC	2	

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Course Code		Course Name				Semester
1054		3D ANIMATION AND GRAPHICS (FULL TIME)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	1054236110	VISUAL EFX & COMPOSTING TECHNIQUES	P	4	
2	1	1054236220	ROSCOPIC & COMPOSTING	P	3	
3	1	1054236351	INTERNSHIP	P	10	
3	2	1054236353	FELLOWSHIP	P	10	
3	3	1054236374	IN-HOUSE PROJECT WORK	P	10	

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Course Code		Course Name				Semester
1055		COMMUNICATION AND COMPUTER NETWORKING (FULL TIME)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

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Course Code		Course Name				Semester
1055		COMMUNICATION AND COMPUTER NETWORKING (FULL TIME)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		CS232120	BASICS OF COMPUTER ENGINEERING	T	3	
3		MA232432	APPLIED MATHEMATICS - II	P	3	
4		PH232442	APPLIED PHYSICS - II	P	2	
5		CH232452	APPLIED CHEMISTRY - II	P	2	
6		EP232460	BASIC ENGINEERING PRACTICES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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Course Code		Course Name				Semester
1055		COMMUNICATION AND COMPUTER NETWORKING (FULL TIME)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1055233110	ANALOG AND DIGITAL ELECTRONICS	T	3	
2		1055233210	COMPUTER ARCHITECTURE	T	3	
3		1055233320	ANALOG AND DIGITAL ELECTRONICS LAB	P	2	
4		1055233440	C PROGRAMMING AND DATA STRUCTURES	P	4	
5		1055233540	ELECTRONICS DEVICES AND CIRCUITS	P	4	
6		1052233640	OPERATING SYSTEMS	P	2	
7		1055233760	ADVANCED SKILLS CERTIFICATIONS - III	ASC	2	
8		1055233886	HEALTH & WELLNESS	HW	1	

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Course Code		Course Name				Semester
1055		COMMUNICATION AND COMPUTER NETWORKING (FULL TIME)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1055234110	PRINCIPLES OF COMMUNICATION ENGINEERING	T	4	
2		1055234210	COMPUTER NETWORKS	T	4	
3		1052234340	JAVA PROGRAMMING	P	4	
4		1052234440	PYTHON PROGRAMMING	P	3	
5		1055234520	NETWORK LAB	P	3	
6		1055234620	SYSTEM ADMINISTRATION LAB	P	3	
7		1055234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

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Course Code		Course Name				Semester
1055		COMMUNICATION AND COMPUTER NETWORKING (FULL TIME)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1055235110	DIGITAL COMMUNICATION	P	3	
2	1	1055235211	WIRELESS COMMUNICATION AND STANDARDS	P	3	
2	2	1052235212	DATA WARE HOUSING AND DATA MINING	T	3	
2	3	1055235213	CRYPTOGRAPHY	P	3	
2	4	1055235214	NETWORK SECURITY	P	3	
2	5	1052235215	ARTIFICIAL INTELLIGENCE	T	3	
2	6	1055235216	CYBER SECURITY	P	3	
3		1055235340	ADVANCE COMPUTER NETWORKING	P	3	
4		1055235440	CLOUD COMPUTING	P	4	
5	1	1055235541	DATA ANALYTICS AND DATA ANALYSIS	P	2	
5	2	1055235542	CELLULAR COMMUNICATION AND MOBILE COMPUTING PLATFORM	P	2	
5	3	1055235543	MICROCONTROLLER AND ITS APPLICATIONS	P	2	
5	4	1055235544	INTERNET OF THINGS	P	2	
6		1055235640	INNOVATION & STARTUP	P	2	
7		1055235773	INDUSTRIAL TRAINING	P	2	
8		1055235860	ADVANCED SKILLS CERTIFICATION - V	ASC	2	

GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester
1055		COMMUNICATION AND COMPUTER NETWORKING (FULL TIME)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	6000236111	ADVANCED ENGINEERING MATHEMATICS	T	3	
1	2	6000236112	ENTREPRENEURSHIP	T	3	
1	3	6000236113	PROJECT MANAGEMENT	T	3	
1	4	6000236114	FINANCE FUNDAMENTALS	T	3	
1	5	1052236115	5G TECHNOLOGY	T	3	
1	6	1052236116	DEVOPS	T	3	
2	1	1052236241	DATA SCIENCE	P	3	
2	2	1052236242	CLOUD PLAT FORM	P	3	
2	3	1052236243	DATAVISUALIZATION	P	3	
2	4	1055236244	FIBRE OPTIC COMMUNICATION	P	3	
2	5	1052236245	MOBILEAPPLICATION DEVELOPMENT	P	3	
3	1	1055236351	INTERNSHIP	P	12	
3	2	1055236353	FELLOWSHIP	P	12	
3	3	1055236374	IN-HOUSEPROJECT	P	12	

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Course Code		Course Name				Semester
1056		ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING (FULL TIME)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

GOVERNMENT OF TAMIL NADU
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Course Code		Course Name				Semester
1056		ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING (FULL TIME)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		CS232120	BASICS OF COMPUTER ENGINEERING	T	3	
3		MA232432	APPLIED MATHEMATICS - II	P	3	
4		PH232442	APPLIED PHYSICS - II	P	2	
5		CH232452	APPLIED CHEMISTRY - II	P	2	
6		EP232460	BASIC ENGINEERING PRACTICES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
1056		ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING (FULL TIME)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1056233110	INTRODUCTION TO PYTHON PROGRAMMING	T	4	
2		1056233230	FUNDAMENTALS OF DATA SCIENCE	PT	4	
3		1056233320	PROGRAMMING PARADIGMS WITH PYTHON	P	2	
4		1056233440	OOPS WITH JAVA	P	3	
5		1056233540	INTRODUCTION TO DATABASE CONCEPTS	P	3	
6		1052233640	OPERATING SYSTEMS	P	2	
7		1056233760	ADVANCED SKILLS CERTICATION - III	ASC	2	
8		1056233886	HEALTH & WELLNESS	HW	1	

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Course Code		Course Name				Semester
1056		ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING (FULL TIME)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1056234110	PROBABILITY AND STATISTICS	T	3	
2		1052234230	DATA STRUCTURES USING PYTHON	PT	4	
3		1056234340	R PROGRAMMING	P	3	
4		1056234440	DATA EXPLORATION AND VISUALIZATION	P	3	
5		1056234540	EMBEDDED SYSTEMS AND IOT	P	2	
6		1056234640	REAL TIME MINI PROJECT	P	2	
7		1056234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

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Course Code		Course Name				Semester
1056		ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING (FULL TIME)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1056235110	INTRODUCTION TO AI	T	3	
2	1	1056235211	ESSENTIALS OF SOFTWARE ENGINEERING	T	3	
2	2	1056235212	DEEP LEARNING	T	3	
2	3	1056235213	DATA SCIENCE AND BIG DATA	T	3	
3		1056235320	ARTIFICIAL INTELLIGENCE LABORATORY	P	3	
4		1056235440	FUNDAMENTALS OF MACHINE LEARNING	P	3	
5	1	1056235541	WEB ANALYTICS	P	3	
5	2	1056235542	CLOUD COMPUTING & IOT	P	3	
5	3	1052235544	MULTIMEDIASYSTEMS	P	3	
5	4	1052235546	ROBOTICPROCESSAUTOMATION	P	3	
6		1056235654	INNOVATION & STARTUP	P	2	
7		1056235773	INDUSTRIAL TRAINING	P	2	
8		1056235860	ADVANCED SKILLS CERTIFICATION - V	ASC	2	

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SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
1056		ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING (FULL TIME)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1056236110	ARTIFICIAL INTELLIGENCE AND ROBOTICS	T	4	
2	1	1056236241	GAME DEVELOPMENT	P	3	
2	2	1056236242	APPLIED AI	P	3	
2	3	1052236245	MOBILEAPPLICATION DEVELOPMENT	P	3	
2	4	1052236246	UI & UXDESIGN	P	3	
3	1	1056236351	INTERNSHIP	P	12	
3	2	1056236353	FELLOWSHIP	P	12	
3	3	1056236374	IN-HOUSE PROJECT	P	12	

**GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
1057		WEB DESIGNING (FULL TIME)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

**GOVERNMENT OF TAMIL NADU
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SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
1057		WEB DESIGNING (FULL TIME)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		WD232320	BASICS OF PROGRAMMING LANGUAGE	T	2	
3		MA232432	APPLIED MATHEMATICS - II	P	3	
4		PH232442	APPLIED PHYSICS - II	P	2	
5		CH232452	APPLIED CHEMISTRY - II	P	2	
6		EP232460	BASIC ENGINEERING PRACTICES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
1057		WEB DESIGNING (FULL TIME)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1057233110	DATA STRUCTURES	T	4	
2		1057233210	WEB FUNDAMENTALS	T	4	
3		1057233320	DATA STRUCTURES USING C	P	2	
4		1057233420	WEB FUNDAMENTALS PRACTICAL	P	2	
5		1057233540	DESKTOP PUBLISHING	P	3	
6		1052233640	OPERATING SYSTEMS	P	2	
7		1057233780	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		1057233956	HEALTH & WELLNESS	HW	1	

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Course Code		Course Name				Semester
1057		WEB DESIGNING (FULL TIME)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1052234110	COMPUTER NETWORKS AND SECURITY	T	3	
2		1057234210	DATABASE TECHNOLOGY	T	3	
3		1057234320	DATABASE TECHNOLOGY PRACTICAL	P	2	
4		1052234440	PYTHON PROGRAMMING	P	3	
5		1057234540	CLIENT SIDE SCRIPTING	P	3	
6		1057234640	BACKEND TECHNOLOGIES	P	4	
7		1057234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

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Course Code		Course Name				Semester
1057		WEB DESIGNING (FULL TIME)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1057235110	WEB DEVELOPMENT USING FRAME WORKS	T	4	
2	1	1052235211	MACHINE LEARNING	T	3	
2	2	1052235212	DATA WARE HOUSING AND DATA MINING	T	3	
2	3	1052235213	ETHICAL HACKING	T	3	
2	4	1052235214	AGILE PRODUCT DEVELOPMENT	T	3	
3		1057235320	WEB DEVELOPMENT USING FRAME WORK PRACTICAL	P	2	
4		1057235440	OBJECT ORIENTED PROGRAMMING WITH JAVA	P	4	
5	1	1052235541	DATA ANALYTICS	P	3	
5	2	1052235542	MOBILECOMPUTING	P	3	
5	3	1052235543	COMPONENT BASED TECHNOLOGIES	P	3	
5	4	1052235544	MULTIMEDIASYSTEMS	P	3	
6		1052235654	INNOVATION & STARTUP	P	2	
7		1052235773	INDUSTRIAL TRAINING	P	2	
8		1057235880	ADVANCED SKILLS CERTIFICATION - V	ASC	2	

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SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
1057		WEB DESIGNING (FULL TIME)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	6000236111	ADVANCED ENGINEERING MATHEMATICS	T	3	
1	2	6000236112	ENTREPRENEURSHIP	T	3	
1	3	6000236113	PROJECT MANAGEMENT	T	3	
1	4	6000236114	FINANCE FUNDAMENTALS	T	3	
1	5	1052236115	5G TECHNOLOGY	T	3	
1	6	1052236116	DEVOPS	T	3	
2	1	1052236241	DATA SCIENCE	P	3	
2	2	1052236242	CLOUD PLAT FORM	P	3	
2	3	1057236243	WEB APPLICATION DEVELOPMENT	T	3	
2	4	1052236244	ADVANCED DBMS	P	3	
2	5	1052236245	MOBILEAPPLICATION DEVELOPMENT	P	3	
2	6	1052236246	UI & UXDESIGN	P	3	
3	1	1052236351	INTERNSHIP	P	12	
3	2	1052236353	FELLOWSHIP	P	12	
3	3	1052236374	IN-HOUSEPROJECT	P	12	

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SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
1058		COMPUTER ENGINEERING AND IOT (FULL TIME)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

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SUBJECT LIST (R2023)

Course Code		Course Name				Semester
1058		COMPUTER ENGINEERING AND IOT (FULL TIME)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		CS232120	BASICS OF COMPUTER ENGINEERING	T	3	
3		MA232432	APPLIED MATHEMATICS - II	P	3	
4		PH232442	APPLIED PHYSICS - II	P	2	
5		CH232452	APPLIED CHEMISTRY - II	P	2	
6		EP232460	BASIC ENGINEERING PRACTICES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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SUBJECT LIST (R2023)

Course Code		Course Name				Semester
1058		COMPUTER ENGINEERING AND IOT (FULL TIME)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1058233110	FUNDAMENTALS OF IOT	T	3	
2		1058233230	BASICS OF DIGITAL ELECTRONICS	PT	4	
3		1058233320	E-PUBLISHING PRACTICAL	P	2	
4		1052233440	C PROGRAMMING	P	3	
5		1052233540	WEB DESIGNING	P	3	
6		1052233640	OPERATING SYSTEMS	P	2	
7		1058233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	

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Course Code		Course Name				Semester
1058		COMPUTER ENGINEERING AND IOT (FULL TIME)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1058234110	MICROPROCESSORS & MICROCONTROLLERS	T	3	
2		1058234230	IOT SENSORS AND DEVICES	PT	4	
3		1058234340	DATA STRUCTURES USING C	P	4	
4		1058234440	OBJECT ORIENTED PROGRAMMING IN JAVA	P	3	
5		1058234540	DATABASE MANAGEMENT SYSTEM	P	3	
6		1058234652	MINI PROJECT USING IOT	P	3	
7		1058234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

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Course Code		Course Name				Semester
1058		COMPUTER ENGINEERING AND IOT (FULL TIME)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1058235110	ADVANCED INTERNET OF THINGS AND APPLICATION	T	3	
2	1	1058235211	EMBEDDED SYSTEMS	T	3	
2	2	1052235212	DATA WARE HOUSING AND DATA MINING	T	3	
2	3	1058235213	RFID AND WIRELESS NETWORKS	T	3	
2	4	1058235214	STORAGE TECHNOLOGIES	T	3	
2	5	1046234110	SOFTWARE ENGINEERING	T	3	
3		1058235320	INTERNET OF THINGS PRACTICAL	P	2	
4		1058235440	COMPUTER NETWORKS AND CLOUD COMPUTING	P	3	
5	1	1058235541	PYTHON PROGRAMMING	P	3	
5	2	1058235542	COMPUTER PRIVACY AND SECURITY	P	3	
5	3	1058235543	BASICS OF MACHINE LEARNING TECHNIQUES	P	3	
5	4	1058235544	OBJECT ORIENTED SYSTEM DESIGN	P	3	
5	5	1046236242	SOFTWARE TESTING	P	3	
6		1052235654	INNOVATION & STARTUP	P	2	
7		1052235773	INDUSTRIAL TRAINING	P	2	
8		1058235860	ADVANCED SKILLS CERTIFICATION	ASC	2	

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Course Code		Course Name				Semester
1058		COMPUTER ENGINEERING AND IOT (FULL TIME)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	6000236111	ADVANCED ENGINEERING MATHEMATICS	T	3	
1	2	6000236112	ENTREPRENEURSHIP	T	3	
1	3	6000236113	PROJECT MANAGEMENT	T	3	
1	4	6000236114	FINANCE FUNDAMENTALS	T	3	
1	5	1052236115	5G TECHNOLOGY	T	3	
1	6	1052236116	DEVOPS	T	3	
2	1	1058236231	FOUNDATION OF DATA SCICNCE	PT	3	
2	2	1058236232	ARTIFICIAL INTELLIGENCE	PT	3	
2	3	1058236233	VIRUTAL REALITY AUGMENTED REALITY	PT	3	
2	4	1058236234	OPEN SOURCE TECHNOLOGIES	PT	3	
2	5	1058236235	MOBILE APPLICATION DEVELOPMENT FOR IOT	PT	3	
3	1	1052236351	INTERNSHIP	P	12	
3	2	1052236353	FELLOWSHIP	P	12	
3	3	1052236374	IN-HOUSEPROJECT	P	12	

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Course Code		Course Name				Semester
1059		COMPUTER SCIENCE AND INFORMATION TECHNOLOGY (FULL TIME)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

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Course Code		Course Name				Semester
1059		COMPUTER SCIENCE AND INFORMATION TECHNOLOGY (FULL TIME)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		CS232120	BASICS OF COMPUTER ENGINEERING	T	3	
3		MA232432	APPLIED MATHEMATICS - II	P	3	
4		PH232442	APPLIED PHYSICS - II	P	2	
5		CH232452	APPLIED CHEMISTRY - II	P	2	
6		EP232460	BASIC ENGINEERING PRACTICES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
1059		COMPUTER SCIENCE AND INFORMATION TECHNOLOGY (FULL TIME)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1046233110	INFORMATION TECHNOLOGY ESSENTIALS	T	3	
2		1058233230	BASICS OF DIGITAL ELECTRONICS	PT	4	
3		1058233320	E-PUBLISHING PRACTICAL	P	2	
4		1052233440	C PROGRAMMING	P	3	
5		1052233540	WEB DESIGNING	P	3	
6		1052233640	OPERATING SYSTEMS	P	2	
7		1059233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		1059233886	HEALTH & WELLNESS	HW	1	

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Course Code		Course Name				Semester
1059		COMPUTER SCIENCE AND INFORMATION TECHNOLOGY (FULL TIME)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1046234110	SOFTWARE ENGINEERING	T	3	
2		1059234230	COMPUTER NETWORKS	PT	4	
3		1058234340	DATA STRUCTURES USING C	P	4	
4		1058234440	OBJECT ORIENTED PROGRAMMING IN JAVA	P	3	
5		1058234540	DATABASE MANAGEMENT SYSTEM	P	3	
6		1059234652	MINI PROJECT	P	3	
7		1059234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

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Course Code		Course Name				Semester
1059		COMPUTER SCIENCE AND INFORMATION TECHNOLOGY (FULL TIME)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1046235110	SYSTEM ADMINISTRATION	T	3	
2	1	1059235211	CYBER SECURITY	T	3	
2	2	1052235212	DATA WARE HOUSING AND DATA MINING	T	3	
2	3	1059235213	SERVICE ORIENTED ARCHITECTURE	T	3	
2	4	1058235214	STORAGE TECHNOLOGIES	T	3	
2	5	1052235215	ARTIFICIAL INTELLIGENCE	T	3	
3		1059235320	PYTHON PROGRAMMING PRACTICAL	P	2	
4		1052235440	COMPUTER HARDWARE AND NETWORKING	P	3	
5	1	1046235541	CLOUDCOMPUTINGAND APPLICATIONS	P	3	
5	2	1052235542	MOBILECOMPUTING	P	3	
5	3	1059235543	FOUNDATIONS OF DATA SCIENCE	P	3	
5	4	1052235544	MULTIMEDIASYSTEMS	P	3	
5	5	1046236242	SOFTWARETESTING	P	3	
6		1052235654	INNOVATION & STARTUP	P	2	
7		1052235773	INDUSTRIAL TRAINING	P	2	
8		1059235860	ADVANCED SKILLS CERTIFICATION - V	ASC	2	

GOVERNMENT OF TAMIL NADU
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SUBJECT LIST (R2023)

Course Code		Course Name				Semester
1059		COMPUTER SCIENCE AND INFORMATION TECHNOLOGY (FULL TIME)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	6000236111	ADVANCED ENGINEERING MATHEMATICS	T	3	
1	2	6000236112	ENTREPRENEURSHIP	T	3	
1	3	6000236113	PROJECT MANAGEMENT	T	3	
1	4	6000236114	FINANCE FUNDAMENTALS	T	3	
1	5	1052236115	5G TECHNOLOGY	T	3	
1	6	1052236116	DEVOPS	T	3	
2	1	1059236231	MACHINE LEARNING	PT	3	
2	2	1059236232	BIG DATA ANALYTICS	PT	3	
2	3	1059236233	FULL STACK DEVELOPMENT	PT	3	
2	4	1059236234	INTERNET OF THINGS	PT	3	
2	5	1059236235	BASICS OF IMAGE PROCESSING	PT	3	
3	1	1052236351	INTERNSHIP	P	12	
3	2	1052236353	FELLOWSHIP	P	12	
3	3	1052236374	IN-HOUSEPROJECT	P	12	

**GOVERNMENT OF TAMIL NADU
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Course Code		Course Name				Semester
1060		TEXTILE TECHNOLOGY (FULL TIME)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

**GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
1060		TEXTILE TECHNOLOGY (FULL TIME)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		TT232120	BASICS OF TEXTILE TECHNOLOGY	T	3	
3		MA232431	APPLIED MATHEMATICS - I	P	3	
4		PH232441	APPLIED PHYSICS - I	P	2	
5		CH232451	APPLIED CHEMISTRY - I	P	2	
6		TT232460	BASICS OF TEXTILE MACHINERIES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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Course Code		Course Name				Semester
1060		TEXTILE TECHNOLOGY (FULL TIME)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1060233110	FIBRE SCIENCE AND TECHNOLOGY	T	3	
2		1060233210	TECHNOLOGY OF YARN FORMATION	T	4	
3		1060233310	TECHNOLOGY OF FABRIC FORMATION	T	4	
4		1060233420	FIBRE IDENTIFICATION PRACTICAL	P	2	
5		1060233540	TECHNOLOGY OF SPINNING PROCESS - I	P	3	
6		1060233640	TECHNOLOGY OF WEAVING PROCESS - I	P	3	
7		1060233760	ADVANCED SKILLS CERTIFICATION - II	ASC	2	
8		1060233886	HEALTH & WELLNESS	HW	1	

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Course Code		Course Name				Semester
1060		TEXTILE TECHNOLOGY (FULL TIME)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1060234110	FABRIC STRUCTURE	T	3	
2		1060234210	TECHNOLOGY OF DYEING, PRINTING AND FINISHING	T	3	
3		1060234320	FABRIC STRUCTURE ANALYSIS	P	2	
4		1060234420	TEXTILE CHEMICAL PROCESSING	P	2	
5		1060234540	TECHNOLOGY OF SPINNING PROCESS-II	P	3	
6		1060234640	TECHNOLOGY OF WEAVING PROCESS -II	P	3	
7		1060234760	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
1060		TEXTILE TECHNOLOGY (FULL TIME)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1060235110	TEXTILE TESTING	T	3	
2	1	1060235211	TECHNICAL TEXTILES	T	4	
2	2	1060235212	MEDICAL TEXTILES	T	4	
2	3	1060235213	PROCESS CONTROL IN SPINNING	T	4	
3		1060235320	TEXTILE TESTING PRACTICAL	P	3	
4		1060235440	GARMENT MANUFACTURE TECHNOLOGY	P	4	
5		1060235540	KNITTING TECHNOLOGY	P	2	
6		1060235640	INNOVATION& STARTUP	P	2	
7		1060235773	INDUSTRIAL TRAINING	P	2	
8		1060235860	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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Course Code		Course Name				Semester
1060		TEXTILE TECHNOLOGY (FULL TIME)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	6000236111	ADVANCED ENGINEERING MATHEMATICS	T	3	
1	2	6000236112	ENTREPRENEURSHIP	T	3	
1	3	1060236113	TEXTILE MANAGEMENT AND INDUSTRIAL ENGINEERING	T	3	
2	1	1060236241	BASICS OF FASHION DESIGN	P	3	
2	2	1060236242	FASHION DRAPING AND TECHNIQUES	P	3	
2	3	1060236243	SURFACE ORNAMENTATION ON FABRICS	P	3	
3	1	1060236351	INTERNSHIP	P	12	
3	2	1060236353	FELLOWSHIP	P	12	
3	3	1060236374	IN HOUSE PROJECT WORK	P	12	

**GOVERNMENT OF TAMIL NADU
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SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
1061		TEXTILE PROCESSING (FULL TIME)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

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SUBJECT LIST (R2023)

Course Code		Course Name				Semester
1061		TEXTILE PROCESSING (FULL TIME)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		TT232120	BASICS OF TEXTILE TECHNOLOGY	T	3	
3		MA232431	APPLIED MATHEMATICS - I	P	3	
4		PH232441	APPLIED PHYSICS - I	P	2	
5		CH232451	APPLIED CHEMISTRY - I	P	2	
6		TT232460	BASICS OF TEXTILE MACHINERIES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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Course Code		Course Name				Semester
1061		TEXTILE PROCESSING (FULL TIME)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1060233110	FIBRE SCIENCE AND TECHNOLOGY	T	3	
2		1061233210	PRETREATMENT FOR TEXTILE COLOURATION	T	3	
3		1061233310	DYEING OF NATURAL FIBRES	T	4	
4		1061233420	FIBRE AND CHEMICAL ANALYSIS	P	2	
5		1061233520	CHEMICAL PREPARATORY PROCESSES FOR TEXTILES	P	3	
6		1061233620	TECHNOLOGY OF NATURAL FIBRE DYEING	P	3	
7		1061233760	ADVANCED SKILLS CERTIFICATION	ASC	2	
8		1061233886	HEALTH & WELLNESS	HW	1	

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Course Code		Course Name				Semester
1061		TEXTILE PROCESSING (FULL TIME)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1061234110	DYEING OF MAN MADE FIBRES AND BLENDS	T	4	
2		1061234210	TECHNOLOGY OF TEXTILE PRINTING	T	3	
3		1061234320	TECHNOLOGY OF MAN MADE FIBRES AND BLENDS DYEING	P	2	
4		1061234420	TEXTILE PRINTING TECHNIQUES	P	2	
5		1061234520	QUALITY ASSURANCE IN TEXTILE PROCESSING	P	3	
6		1061234640	TEXTILE MANUFACTURING TECHNOLOGY	P	3	
7		1061234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

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SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
1061		TEXTILE PROCESSING (FULL TIME)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1060235110	TEXTILE TESTING	T	3	
2		1061235210	TEXTILE EFFLUENT TREATMENT AND SUSTAINABILITY	T	4	
3		1061235320	PHYSICAL TESTING OF TEXTILES	P	3	
4	1	1061235441	CLOTHING TECHNOLOGY	P	3	
4	2	1064235442	FABRIC CARE AND MAINTENANCE @	P	3	
4	3	1061235443	KNITTING TECHNOLOGY AND KNIT STRUCTURES	P	3	
5	1	1061235441	CLOTHING TECHNOLOGY	P	3	
5	2	1061235542	ECO FRIENDLY TEXTILE PROCESSING	P	3	
5	3	1061235543	TEXTILE EFFLUENT ANALYSIS	P	3	
6		1061235654	INNOVATION & STARTUP	P	2	
7		1061235773	INDUSTRIAL TRAINING	P	2	
8		1061235860	ADVANCED SKILLS CERTIFICATION	ASC	2	

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Course Code		Course Name				Semester
1061		TEXTILE PROCESSING (FULL TIME)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	6000236111	ADVANCED ENGINEERING MATHEMATICS	T	3	
1	2	6000236112	ENTREPRENEURSHIP	T	3	
1	3	1060236113	TEXTILE MANAGEMENT AND INDUSTRIAL ENGINEERING	T	3	
2	1	1061236241	TECHNOLOGY OF TEXTILE FINISHING	P	3	
2	2	1061236242	ADVANCED TEXTILE PROCESSING	P	3	
2	3	1061236243	NON-WOVEN AND TECHNICAL TEXTILE	P	3	
3	1	1061236351	INTERNSHIP	P	12	
3	2	1061236353	FELLOWSHIP	P	12	
3	3	1061236374	IN-HOUSE PROJECT	P	12	

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SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
1064		TEXTILE MARKETING AND MANAGEMENT (FULL TIME)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

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Course Code		Course Name				Semester
1064		TEXTILE MARKETING AND MANAGEMENT (FULL TIME)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		TT232120	BASICS OF TEXTILE TECHNOLOGY	T	3	
3		MA232431	APPLIED MATHEMATICS - I	P	3	
4		PH232441	APPLIED PHYSICS - I	P	2	
5		CH232451	APPLIED CHEMISTRY - I	P	2	
6		TT232460	BASICS OF TEXTILE MACHINERIES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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Course Code		Course Name				Semester
1064		TEXTILE MARKETING AND MANAGEMENT (FULL TIME)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1060233110	FIBRE SCIENCE AND TECHNOLOGY	T	3	
2		1064233210	TEXTILE ORGANIZATIONAL MANAGEMENT	T	3	
3		1064233310	TEXTILE INFORMATION MANAGEMENT	T	4	
4		1064233420	IDENTIFICATION OF TEXTILE FIBRES	P	2	
5		1064233520	FASHION SKETCHING	P	3	
6		1064233620	TEXTILE MARKET DATABASE MANAGEMENT	P	3	
7		1064233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		1064233986	HEALTH & WELLNESS	HW	1	

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Course Code		Course Name				Semester
1064		TEXTILE MARKETING AND MANAGEMENT (FULL TIME)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1064234110	TEXTILE QUALITY MANAGEMENT	T	3	
2		1064234210	MODERN MARKETING MANAGEMENT	T	3	
3		1064234320	TEXTILE ADVERTISEMENT TECHNOLOGY	P	3	
4		1064234420	STATISTICAL QUALITY CONTROL	P	3	
5		1066234520	HOME TEXTILES	P	2	
6		1061234640	TEXTILE MANUFACTURING TECHNOLOGY	P	3	
7		1064234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

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Course Code		Course Name				Semester
1064		TEXTILE MARKETING AND MANAGEMENT (FULL TIME)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1066235110	APPAREL MERCHANDISING @	T	4	
2		1064235210	TEXTILE EXPORT MARKETING	T	4	
3		1064235320	BASICTESTING FOR TEXTILES	P	2	
4	1	1064235421	CHEMICAL PROCESSING OF TEXTILES	P	3	
4	2	1064235422	SEWING TECHNIQUES	P	3	
4	3	1064235423	HAND EMBROIDERY	P	3	
5	1	1061235441	CLOTHING TECHNOLOGY	P	3	
5	2	1064235542	FABRICCARE AND MAINTENANCE	P	3	
5	3	1064235543	INDUSTRIAL MANAGEMENT	P	3	
6		1064235654	INNOVATION & STARTUP	P	2	
7		1064235773	INDUSTRIAL TRAINING	P	2	
8		1064235860	ADVANCED SKILLS CERTIFICATION - V	ASC	2	

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Course Code		Course Name				Semester
1064		TEXTILE MARKETING AND MANAGEMENT (FULL TIME)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	6000236111	ADVANCED ENGINEERING MATHEMATICS	T	3	
1	2	6000236112	ENTREPRENEURSHIP	T	3	
1	3	6000236113	PROJECT MANAGEMENT	T	3	
1	4	6000236114	FINANCE FUNDAMENTALS	T	3	
1	5	1064236115	HUMAN RESOURCE MANAGEMENT	P	3	
2	1	1064236241	INFORMATION TECHNOLOGY IN TEXTILES	P	3	
2	2	1064236242	TEXTILE AND GARMENT COSTING	P	3	
2	3	1064236243	APPAREL PRODUCTION PLANNING AND CONTROL	P	3	
3	1	1064236351	INTERNSHIP	P	12	
3	2	1064236353	FELLOWSHIP	P	12	
3	3	1064236374	IN-HOUSE PROJECT	P	12	

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Course Code		Course Name				Semester
1066		GARMENT TECHNOLOGY (FULL TIME)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

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Course Code		Course Name				Semester
1066		GARMENT TECHNOLOGY (FULL TIME)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		TT232120	BASICS OF TEXTILE TECHNOLOGY	T	3	
3		MA232431	APPLIED MATHEMATICS - I	P	3	
4		PH232441	APPLIED PHYSICS - I	P	2	
5		CH232451	APPLIED CHEMISTRY - I	P	2	
6		GT232460	APPAREL MACHINERY ENGINEERING PRACTIE	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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Course Code		Course Name				Semester
1066		GARMENT TECHNOLOGY (FULL TIME)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1066233110	YARN AND FABRIC MANUFACTURE	T	3	
2		1066233210	FASHION DESIGNING	T	4	
3		1066233310	APPAREL DESIGNING	T	2	
4		1066233420	SURFACE ORNAMENTATION	P	3	
5		1066233520	FASHION ILLUSTRATION	P	3	
6		1066233620	BASIC GARMENT CONSTRUCTION	P	2	
7		1066233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		1066233956	HEALTH & WELLNESS	HW	1	

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Course Code		Course Name				Semester
1066		GARMENT TECHNOLOGY (FULL TIME)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1066234110	APPAREL QUALITY CONTROL	T	3	
2		1066234210	GARMENT MACHINERY AND EQUIPMENT	T	3	
3		1066234320	CHILDREN GARMENT CONSTRUCTION	P	3	
4		1066234420	GARMENT CONSTRUCTION OF BOYS & GIRLS	P	3	
5		1066234520	HOME TEXTILES	P	2	
6		1066234640	GARMENT PATTERN DRAFTING I	P	3	
7		1066234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

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Course Code		Course Name				Semester
1066		GARMENT TECHNOLOGY (FULL TIME)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1066235110	APPAREL MERCHANDISING @	T	4	
2		1066235210	APPAREL INDUSTRIAL ENGINEERING	T	4	
3		1066235320	GARMENT PATTERN DRAFTING	P	2	
4	1	1066235421	ADVANCED GARMENT CONSTRUCTION	P	3	
4	2	1066235422	HANDICRAFTS	P	3	
4	3	1066235423	GARMENT CAD	P	3	
5	1	1066235541	CHEMICAL PROCESSING AND TESTING OF TEXTILES	P	3	
5	2	1066235542	GARMENT LAUNDERING AND MAINTENANCE	P	3	
5	3	1066235543	INDIAN AND WESTERN COSTUME	P	3	
6		1066235654	INNOVATION & STARTUP	P	2	
7		1066235773	INDUSTRIAL TRAINING	P	2	
8		1066235860	ADVANCED SKILLS CERTIFICATION - V	ASC	2	

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Course Code		Course Name				Semester
1066		GARMENT TECHNOLOGY (FULL TIME)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	6000236111	ADVANCED ENGINEERING MATHEMATICS	T	3	
1	2	6000236112	ENTREPRENEURSHIP	T	3	
1	3	6000236113	PROJECT MANAGEMENT	T	3	
1	4	6000236114	FINANCE FUNDAMENTALS	T	3	
1	5	1066236115	GARMENT INDUSTRY MANAGEMENT	T	3	
2	1	1066236241	FASHION DRAPING	P	3	
2	2	1066236242	KNITWEAR TECHNOLOGY	P	3	
2	3	1066236243	PATTERN GRADING AND ALTERATION	P	3	
3	1	1066236351	INTERNSHIP	P	12	
3	2	1066236353	FELLOWSHIP	P	12	
3	3	1066236374	IN-HOUSE PROJECT	P	12	

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SUBJECT LIST (R2023)

Course Code		Course Name				Semester
1068		TEXTILE TECHNOLOGY (KNITTING) (FULL TIME)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

**GOVERNMENT OF TAMIL NADU
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SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
1068		TEXTILE TECHNOLOGY (KNITTING) (FULL TIME)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		TT232120	BASICS OF TEXTILE TECHNOLOGY	T	3	
3		MA232431	APPLIED MATHEMATICS - I	P	3	
4		PH232441	APPLIED PHYSICS - I	P	2	
5		CH232451	APPLIED CHEMISTRY - I	P	2	
6		GT232460	APPAREL MACHINERY ENGINEERING PRACTICE	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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Course Code		Course Name				Semester
1068		TEXTILE TECHNOLOGY (KNITTING) (FULL TIME)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1068233110	BASIC KNITTING TECHNOLOGY	T	4	
2		1066233210	FASHION DESIGNING	T	3	
3		1068233320	PATTERN DRAFTING & CONSTRUCTION OF KIDS AND WOMEN	P	3	
4		1068233420	FABRIC ORNAMENTATION	P	2	
5		1068233540	FASHION ART ILLUSTRATION	P	3	
6		1068233640	FUNDAMENTALS OF APPAREL CONSTRUCTION	P	3	
7		1068233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		1068233956	HEALTH & WELLNESS	HW	1	

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Course Code		Course Name				Semester
1068		TEXTILE TECHNOLOGY (KNITTING) (FULL TIME)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1066234110	APPAREL QUALITY CONTROL	T	3	
2		1066234210	GARMENT MACHINERY AND EQUIPMENT	T	3	
3		1068234320	PATTERN DRAFTING & CONSTRUCTION OF KID	P	3	
4		1068234420	PATTERN DRAFTING & CONSTRUCTION OF MEN	P	3	
5		1068234520	SPINNING AND WEAVING	P	2	
6		1068234640	ADVANCED KNITTING TECHNOLOGY	P	3	
7		1068234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

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SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
1068		TEXTILE TECHNOLOGY (KNITTING) (FULL TIME)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1066235110	APPAREL MERCHANDISING @	T	4	
2		1066235210	APPAREL INDUSTRIAL ENGINEERING	T	4	
3		1068235320	PATTERN DRAFTING AND CONSTRUCTION OF MEN	P	2	
4	1	1068235421	TEXTILE TESTING	P	3	
4	2	1066235422	HANDICRAFTS	P	3	
4	3	1066235423	GARMENT CAD	P	3	
5	1	1068235541	TEXTILE WET PROCESSING	P	3	
5	2	1066235542	GARMENT LAUNDERING AND MAINTENANCE	P	3	
5	3	1066235543	INDIAN AND WESTERN COSTUME	P	3	
6		1068235654	INNOVATION & STARTUP	P	2	
7		1068235773	INDUSTRIAL TRAINING	P	2	
8		1068235860	ADVANCED SKILLS CERTIFICATION - V	ASC	2	

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Course Code		Course Name				Semester
1068		TEXTILE TECHNOLOGY (KNITTING) (FULL TIME)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	6000236111	ADVANCED ENGINEERING MATHEMATICS	T	3	
1	2	6000236112	ENTREPRENEURSHIP	T	3	
1	3	6000236113	PROJECT MANAGEMENT	T	3	
1	4	6000236114	FINANCE FUNDAMENTALS	T	3	
1	5	1066236115	GARMENT INDUSTRY MANAGEMENT	T	3	
1	6	1068236116	APPAREL PRODUCTION PLANNING AND CONTROL	P	3	
2	1	1066236241	FASHION DRAPING	P	3	
2	2	1061236242	ADVANCED TEXTILE PROCESSING	P	3	
2	3	1066236243	PATTERN GRADING AND ALTERATION	P	3	
3	1	1068236351	INTERNSHIP	P	12	
3	2	1068236353	FELLOWSHIP	P	12	
3	3	1068236374	IN-HOUSE PROJECT	P	12	

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Course Code		Course Name				Semester
1069		APPAREL TECHNOLOGY (FULL TIME)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

GOVERNMENT OF TAMIL NADU
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SUBJECT LIST (R2023)

Course Code		Course Name				Semester
1069		APPAREL TECHNOLOGY (FULL TIME)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		TT232120	BASICS OF TEXTILE TECHNOLOGY	T	3	
3		MA232431	APPLIED MATHEMATICS - I	P	3	
4		PH232441	APPLIED PHYSICS - I	P	2	
5		CH232451	APPLIED CHEMISTRY - I	P	2	
6		GT232460	APPAREL MACHINERY ENGINEERING PRACTIE	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

**GOVERNMENT OF TAMIL NADU
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SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
1069		APPAREL TECHNOLOGY (FULL TIME)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1066233110	YARN AND FABRIC MANUFACTURE	T	4	
2		1066233210	FASHION DESIGNING	T	3	
3		1066233310	APPAREL DESIGNING	T	3	
4		1066233420	SURFACE ORNAMENTATION	P	3	
5		1066233520	FASHION ILLUSTRATION	P	2	
6		1066233620	BASIC GARMENT CONSTRUCTION	P	3	
7		1066233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		1066233956	HEALTH & WELLNESS	HW	1	

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Course Code		Course Name				Semester
1069		APPAREL TECHNOLOGY (FULL TIME)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1066234110	APPAREL QUALITY CONTROL	T	3	
2		1066234210	GARMENT MACHINERY AND EQUIPMENT	T	3	
3		1066234320	CHILDREN GARMENT CONSTRUCTION	P	3	
4		1066234420	GARMENT CONSTRUCTION OF BOYS & GIRLS	P	3	
5		1066234520	HOME TEXTILES	P	2	
6		1066234640	GARMENT PATTERN DRAFTING I	P	3	
7		1066234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

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SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
1069		APPAREL TECHNOLOGY (FULL TIME)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1066235110	APPAREL MERCHANDISING @	T	4	
2		1069235210	DESIGN OF INDIAN AND WESTERN COSTUME	T	4	
3		1066235320	GARMENT PATTERN DRAFTING	P	2	
4	1	1066235421	ADVANCED GARMENT CONSTRUCTION	P	3	
4	2	1066235422	HANDICRAFTS	P	3	
4	3	1066235423	GARMENT CAD	P	3	
5	1	1066235541	CHEMICAL PROCESSING AND TESTING OF TEXTILES	P	3	
5	2	1066235542	GARMENT LAUNDERING AND MAINTENANCE	P	3	
5	3	1069235543	SKETCHING AND DESIGN DEVELOPMENT	P	3	
6		1066235654	INNOVATION & STARTUP	P	2	
7		1066235773	INDUSTRIAL TRAINING	P	2	
8		1066235860	ADVANCED SKILLS CERTIFICATION - V	ASC	2	

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Course Code		Course Name				Semester
1069		APPAREL TECHNOLOGY (FULL TIME)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	6000236111	ADVANCED ENGINEERING MATHEMATICS	T	3	
1	2	6000236112	ENTREPRENEURSHIP	T	3	
1	3	6000236113	PROJECT MANAGEMENT	T	3	
1	4	6000236114	FINANCE FUNDAMENTALS	T	3	
1	5	1066236115	GARMENT INDUSTRY MANAGEMENT	T	3	
2	1	1066236241	FASHION DRAPING	P	3	
2	2	1066236242	KNITWEAR TECHNOLOGY	P	3	
2	3	1066236243	PATTERN GRADING AND ALTERATION	P	3	
3	1	1066236351	INTERNSHIP	P	12	
3	2	1066236353	FELLOWSHIP	P	12	
3	3	1066236374	IN-HOUSE PROJECT	P	12	

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Course Code		Course Name				Semester
1070		CHEMICAL TECHNOLOGY (FULL TIME)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

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Course Code		Course Name				Semester
1070		CHEMICAL TECHNOLOGY (FULL TIME)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		HE232120	INDUSTRIAL CHEMISTRY	T	3	
3		MA232431	APPLIED MATHEMATICS - I	P	3	
4		PH232441	APPLIED PHYSICS - I	P	2	
5		CH232451	APPLIED CHEMISTRY - I	P	2	
6		EP232460	BASIC ENGINEERING PRACTICES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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Course Code		Course Name				Semester
1070		CHEMICAL TECHNOLOGY (FULL TIME)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1076233110	BASIC CHEMICAL ENGINEERING	T	4	
2		1076233210	MOMENTUM TRANSFER	T	4	
3		1076233320	MOMENTUM TRANSFER PRACTICAL	P	2	
4		1076233420	CHEMICAL CAD PRACTICAL	P	2	
5		1076233520	TECHNICAL ANALYSIS PRACTICAL	P	2	
6		1076233640	GENERAL ENGINEERING	P	3	
7		1076233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	

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SUBJECT LIST (R2023)

Course Code		Course Name				Semester
1070		CHEMICAL TECHNOLOGY (FULL TIME)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1076234110	PROCESS HEAT TRANSFER	T	4	
2		1076234210	MECHANICAL OPERATIONS	T	4	
3		1076234310	CHEMICAL TECHNOLOGY	T	3	
4		1076234420	HEAT TRANSFER PRACTICAL	P	2	
5		1076234520	MECHANICAL OPERATIONS PRACTICAL	P	2	
6		1076234640	PROCESS INSTRUMENTATION AND CONTROL	P	3	
7		1076234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	
12		1076233886	HEALTH & WELLNESS	-	1	

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Course Code		Course Name				Semester
1070		CHEMICAL TECHNOLOGY (FULL TIME)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1076235110	CHEMICAL PROCESS CALCULATIONS	T	4	
2		1076235210	MASS TRANSFER - I	T	4	
3	1	1076235311	INDUSTRIAL SAFETY AND POLLUTION CONTROL	T	3	
3	2	1076235312	PLANT UTILITIES	T	3	
3	3	1076235313	RENEWABLE ENERGY ENGINEERING	T	3	
4		1076235420	MASS TRANSFER PRACTICAL	P	2	
5	1	1076235521	CHEMICAL PROCESS SIMULATION LAB	P	2	
5	2	1076235522	PETROLEUM TESTING LAB	P	2	
5	3	1076235523	ENVIRONMENTAL ENGINEERING LAB	P	2	
6		1076235654	INNOVATION & START UP	P	2	
7		1076235773	INDUSTRIAL TRAINING [SUMMER VACATION]	P	2	
8		1076235860	ADVANCED SKILLS CERTIFICATION	ASC	2	

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Course Code		Course Name				Semester
1070		CHEMICAL TECHNOLOGY (FULL TIME)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	1076236111	CHEMICAL ENGINEERING THERMODYNAMICS AND REACTION ENGINEERING	T	3	
1	2	1076236112	FERTILIZER TECHNOLOGY	T	3	
1	3	1076236113	PETROLEUM AND ENERGY ENGINEERING	T	3	
2	1	1076236211	MASS TRANSFER - II	T	4	
2	2	1076236212	NATURAL GAS ENGINEERING	T	4	
2	3	1076236213	ELECTROCHEMICAL ENGINEERING	T	4	
3		1076236374	IN-HOUSE PROJECT WORK	P	12	

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Course Code		Course Name				Semester
1074		SUGAR TECHNOLOGY (FULL TIME)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

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Course Code		Course Name				Semester
1074		SUGAR TECHNOLOGY (FULL TIME)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		SU232120	BASIC ENGINEERING FOR SUGAR INDUSTRY	T	3	
3		MA232431	APPLIED MATHEMATICS - I	P	3	
4		PH232441	APPLIED PHYSICS - I	P	2	
5		CH232451	APPLIED CHEMISTRY - I	P	2	
6		SU232460	BASIC ENGINEERING PRACTICAL FOR SUGAR INDUSTRY	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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SUBJECT LIST (R2023)

Course Code		Course Name				Semester
1074		SUGAR TECHNOLOGY (FULL TIME)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1074233110	SUGAR CANE AGRICULTURE	T	5	
2		1074233210	JUICE EXTRACTION	T	5	
3		1074233340	SUGAR CHEMISTRY	P	3	
4		1074233420	SUGAR TECHNOLOGY PRACTICAL-I	P	2	
5		1074233520	TECHNICAL ANALYSIS PRACTICAL	P	2	
6		1074233620	CHEMICAL CONTROL PRACTICAL	P	2	
7		1074233780	ADVANCED SKILLS CERTIFICATION - III	ASC	2	

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Course Code		Course Name				Semester
1074		SUGAR TECHNOLOGY (FULL TIME)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1074234110	PAN BOILING	T	5	
2		1074234210	CHEMICAL PROCESS INDUSTRIES	T	4	
3		1074234330	FLUID MECHANICS	PT	4	
4		1074234420	SUGAR TECHNOLOGY PRACTICAL-II	P	2	
5		1074234520	CAD PRACTICAL	P	2	
6		1074234620	BY PRODUCTS AND QUALITY CONTROL PRACTICAL	P	2	
7		1074234780	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

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Course Code		Course Name				Semester
1074		SUGAR TECHNOLOGY (FULL TIME)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1074235110	CRYSTALLIZATION AND CENTRIFUGATION	T	5	
2	1	1074235211	PROCESS EQUIPMENT AND CAPACITIES	T	4	
2	2	1074235312	UNIT OPERATIONS	T	4	
3		1074235330	PROCESS INSTRUMENTATION AND CONTROL	PT	2	
4		1074235420	SUGAR TECHNOLOGY PRACTICAL - III	P	2	
5		1074235520	ENTREPRENEURSHIP AND STARTUPS	P	2	
6		1074235620	COMPUTER APPLICATION IN SUGAR INDUSTRY PRACTICAL	P	2	
7		1074235780	ADVANCED SKILLS CERTIFICATIONS - V	ASC	2	
8		1074235873	INDUSTRIAL TRAINING (SUMMER VACATION)	P	1	

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Course Code		Course Name				Semester
1074		SUGAR TECHNOLOGY (FULL TIME)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1074236110	MILLING AND CHEMICAL CONTROL	T	3	
2	1	1074236231	RAW SUGAR MANUFACTURING	PT	3	
2	2	1074236232	SUGAR BY PRODUCTS AND POLLUTION CONTROL	PT	3	
3		1074236373	PROJECT/ INTERNSHIP / FELLOWSHIP	P	12	

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Course Code		Course Name				Semester
1075		PETROCHEMICAL ENGINEERING (FULL TIME)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

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Course Code		Course Name				Semester
1075		PETROCHEMICAL ENGINEERING (FULL TIME)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		PC232120	BASICS OF PETROCHEMICAL ENGINEERING	T	3	
3		MA232431	APPLIED MATHEMATICS - I	P	3	
4		PH232441	APPLIED PHYSICS - I	P	2	
5		CH232451	APPLIED CHEMISTRY - I	P	2	
6		EP232460	BASIC ENGINEERING PRACTICES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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Course Code		Course Name				Semester
1075		PETROCHEMICAL ENGINEERING (FULL TIME)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1075233110	PETROLEUM REFINING	T	4	
2		1076233210	MOMENTUM TRANSFER	T	4	
3		1076233320	MOMENTUM TRANSFER PRACTICAL	P	2	
4		1076233420	CHEMICAL CAD PRACTICAL	P	2	
5		1075233520	DISTILLATE TESTING PRACTICAL	P	2	
6		1076233640	GENERAL ENGINEERING	P	3	
7		1075233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		1075233886	HEALTH & WELLNESS	-	1	

**GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
1075		PETROCHEMICAL ENGINEERING (FULL TIME)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1076234110	PROCESS HEAT TRANSFER	T	4	
2		1076234210	MECHANICAL OPERATIONS	T	4	
3		1075234310	PETROCHEMICAL TECHNOLOGY	T	3	
4		1076234420	HEAT TRANSFER PRACTICAL	P	2	
5		1076234520	MECHANICAL OPERATIONS PRACTICAL	P	2	
6		1076234640	PROCESS INSTRUMENTATION AND CONTROL	P	3	
7		1075234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	
12		1075233886	HEALTH & WELLNESS	-	1	

GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester
1075		PETROCHEMICAL ENGINEERING (FULL TIME)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1076235110	CHEMICAL PROCESS CALCULATIONS	T	4	
2		1075235210	REFINERY MASS TRANSFER	T	4	
3	1	1076235311	INDUSTRIAL SAFETY AND POLLUTION CONTROL	T	3	
3	2	1076235312	PLANT UTILITIES	T	3	
3	3	1075235313	DRILLINGENGINEERING	T	3	
4		1076235420	MASS TRANSFER PRACTICAL	P	2	
5	1	1076235521	CHEMICAL PROCESS SIMULATION LAB	P	2	
5	2	1075235522	ANALYTICAL LAB	P	2	
5	3	1076235523	ENVIRONMENTAL ENGINEERING LAB	P	2	
6		1075235654	INNOVATION & STARTUP	P	2	
7		1075235773	INDUSTRIAL TRAINING [SUMMER VACATION]	P	2	
8		1075235860	ADVANCED SKILLS CERTIFICATION	ASC	2	

GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
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Course Code		Course Name				Semester
1075		PETROCHEMICAL ENGINEERING (FULL TIME)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	1076236111	CHEMICAL ENGINEERING THERMODYNAMICS AND REACTION ENGINEERING	T	3	
1	2	1076236112	FERTILIZER TECHNOLOGY	T	3	
1	3	1075236113	ENERGY RESOURCES MANAGEMENT	T	3	
2	1	1075236211	PROCESSING OF CHEMICALS	T	4	
2	2	1076236212	NATURAL GAS ENGINEERING	T	4	
2	3	1076236213	ELECTROCHEMICAL ENGINEERING	T	4	
3		1075236374	IN-HOUSE PROJECT WORK	P	12	

GOVERNMENT OF TAMIL NADU
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Course Code		Course Name				Semester
1076		CHEMICAL ENGINEERING (FULL TIME)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

GOVERNMENT OF TAMIL NADU
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Course Code		Course Name				Semester
1076		CHEMICAL ENGINEERING (FULL TIME)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		HE232120	INDUSTRIAL CHEMISTRY	T	3	
3		MA232431	APPLIED MATHEMATICS - I	P	3	
4		PH232441	APPLIED PHYSICS - I	P	2	
5		CH232451	APPLIED CHEMISTRY - I	P	2	
6		EP232460	BASIC ENGINEERING PRACTICES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester
1076		CHEMICAL ENGINEERING (FULL TIME)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1076233110	BASIC CHEMICAL ENGINEERING	T	4	
2		1076233210	MOMENTUM TRANSFER	T	4	
3		1076233320	MOMENTUM TRANSFER PRACTICAL	P	2	
4		1076233420	CHEMICAL CAD PRACTICAL	P	2	
5		1076233520	TECHNICAL ANALYSIS PRACTICAL	P	2	
6		1076233640	GENERAL ENGINEERING	P	3	
7		1076233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		1076233886	HEALTH & WELLNESS	-	1	

GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester
1076		CHEMICAL ENGINEERING (FULL TIME)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1076234110	PROCESS HEAT TRANSFER	T	4	
2		1076234210	MECHANICAL OPERATIONS	T	4	
3		1076234310	CHEMICAL TECHNOLOGY	T	3	
4		1076234420	HEAT TRANSFER PRACTICAL	P	2	
5		1076234520	MECHANICAL OPERATIONS PRACTICAL	P	2	
6		1076234640	PROCESS INSTRUMENTATION AND CONTROL	P	3	
7		1076234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	
12		1076233886	HEALTH & WELLNESS	-	1	

GOVERNMENT OF TAMIL NADU
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SUBJECT LIST (R2023)

Course Code		Course Name				Semester
1076		CHEMICAL ENGINEERING (FULL TIME)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1076235110	CHEMICAL PROCESS CALCULATIONS	T	4	
2		1076235210	MASS TRANSFER - I	T	4	
3	1	1076235311	INDUSTRIAL SAFETY AND POLLUTION CONTROL	T	3	
3	2	1076235312	PLANT UTILITIES	T	3	
3	3	1076235313	RENEWABLE ENERGY ENGINEERING	T	3	
4		1076235420	MASS TRANSFER PRACTICAL	P	2	
5	1	1076235521	CHEMICAL PROCESS SIMULATION LAB	P	2	
5	2	1076235522	PETROLEUM TESTING LAB	P	2	
5	3	1076235523	ENVIRONMENTAL ENGINEERING LAB	P	2	
6		1076235654	INNOVATION & START UP	P	2	
7		1076235773	INDUSTRIAL TRAINING [SUMMER VACATION]	P	2	
8		1076235860	ADVANCED SKILLS CERTIFICATION	ASC	2	

**GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
1076		CHEMICAL ENGINEERING (FULL TIME)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	1076236111	CHEMICAL ENGINEERING THERMODYNAMICS AND REACTION ENGINEERING	T	3	
1	2	1076236112	FERTILIZER TECHNOLOGY	T	3	
1	3	1076236113	PETROLEUM AND ENERGY ENGINEERING	T	3	
2	1	1076236211	MASS TRANSFER - II	T	4	
2	2	1076236212	NATURAL GAS ENGINEERING	T	4	
2	3	1076236213	ELECTROCHEMICAL ENGINEERING	T	4	
3	1	1076236374	IN-HOUSE PROJECT WORK	P	12	

GOVERNMENT OF TAMIL NADU
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Course Code		Course Name				Semester
1078		FOOD PROCESSING AND PRESERVATION (FULL TIME)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1078233110	FOOD CHEMISRY	T	4	
2		1078233210	FOOD MICROBIOLOGY	T	4	
3		1078233330	FOOD ENGINEERING	PT	3	
4		1078233420	FOOD CHEMISTRY	P	2	
5		1078233520	FOOD MICROBIOLOGY	P	2	
6		1078233640	FUNDAMENTALS OF NUTRITION	P	2	
7		1078233740	FUNDAMENTALS OF FOOD SCIENCE	P	2	
8		1078233886	HEALTH & WELLNESS	HW	1	

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DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
1078		FOOD PROCESSING AND PRESERVATION (FULL TIME)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1078234110	FOOD PROCESSING TECHNOLOGY	T	4	
2		1078234210	FOOD PROCESSING EQUIPMENTS	T	4	
3		1078234330	FOOD SAFETY	PT	3	
4		1078234430	ELECTRICAL AND ELECTRONIC ENGINEERING	PT	3	
5		1078234520	FOOD PROCESSING TECHNOLOGY	P	2	
6		1078234620	FOOD ANALYSIS & QUALITY CONTROL	P	2	
7		1078234740	ELECTRICAL AND ELECTRONIC ENGINEERING	P	2	
8		1078234860	INNOVATIVE & CREATIVE SKILLS FOR EMPLOYABILITY	-	2	

GOVERNMENT OF TAMIL NADU
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SUBJECT LIST (R2023)

Course Code		Course Name				Semester
1078		FOOD PROCESSING AND PRESERVATION (FULL TIME)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1078235110	FOOD PRESERVATION	T	4	
2		1078235210	FOOD QUALITY & WASTE MANAGEMENT	T	4	
3		1078235330	DAIRY EQUIPMENT & UTILITIES	PT	3	
4	1	1078235411	DAIRY TECHNOLOGY	T	3	
4	2	1078235412	BIO CHEMISTRY & NUTRITION	T	3	
4	3	1078235413	AGRO PROCESSING	T	3	
5		1078235520	FOOD PRESERVATION	P	2	
6	1	1078235621	DAIRY TECHNOLOGY	P	2	
6	2	1078235622	BIO CHEMISTRY & NUTRITION	P	2	
6	3	1078235623	AGRO PROCESSING	P	2	
7		1078235740	ENTREPRENEURSHIP AND STARTUPS	P	2	

**GOVERNMENT OF TAMIL NADU
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SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
1078		FOOD PROCESSING AND PRESERVATION (FULL TIME)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	1078236110	QUALITY ASSURANCE	T	4	
1	2	1078236230	BAKERY & CONFECTIONARY	PT	4	
1	3	1078236330	FOOD PRODUCTION	PT	3	
2	1	1078236411	FOOD PACKING TECHNOLOGY	T	3	
2	2	1078236412	PROCESSING OF MEAT POULTRY & FISH PRODUCTS	T	3	
2	3	1078236413	TECHNOLOGY OF BEVERAGES	T	3	
5		1078236520	BAKERY & CONFECTIONARY	P	2	
6	1	1078236621	FOOD PACKING TECHNOLOGY	P	2	
6	2	1078236622	PROCESSING OF MEAT POULTRY & FISH PRODUCTS	P	2	
6	3	1078236623	TECHNOLOGY OF BEVERAGES	P	2	
7		1078236774	IN-HOUSE PROJECT WORK	P	2	
11		1078236886	HEALTH & WELLNESS	-	1	

**GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
1079		PAPER TECHNOLOGY (FULL TIME)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester
1079		PAPER TECHNOLOGY (FULL TIME)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		PT232120	BASICS OF PRINTING & PAPER TECHNOLOGY	T	3	
3		MA232431	APPLIED MATHEMATICS - I	P	3	
4		PH232441	APPLIED PHYSICS - I	P	2	
5		CH232451	APPLIED CHEMISTRY - I	P	2	
6		EP232460	BASIC ENGINEERING PRACTICES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester
1079		PAPER TECHNOLOGY (FULL TIME)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1079233110	PULPING TECHNOLOGY	T	3	
2		1079233230	INDUSTRIAL CHEMISTRY	PT	4	
3		1079233320	PULPING TECHNOLOGY PRACTICAL	P	2	
4		1079233440	UNIT OPERATIONS	P	3	
5		1079233540	FLUID MECHANICS	P	3	
6		1079233640	ELECTRICAL AND ELECTRONICS ENGINEERING	P	3	
7		1079233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		1079233886	HEALTH & WELLNESS	HW	1	

GOVERNMENT OF TAMIL NADU
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Course Code		Course Name				Semester
1079		PAPER TECHNOLOGY (FULL TIME)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1079234110	STOCK PREPARATION AND ALLIED CHEMICALS	T	3	
2		1079234230	CHEMICAL RECOVERY	PT	3	
3		1079234320	ADVANCED PULPING PROCESSES	P	3	
4		1079234440	HEAT AND MASS TRANSFER	P	2	
5		1079234540	CHEMICAL CAD PRACTICAL	P	3	
6		1079234640	CHEMICAL RECOVERY AND ANALYSIS PRACTICAL	P	3	
7		1079234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	3	
8		1079234882	I&E/ CLUB ACTIVITY/ COMMUNITY INITIATIVES	-	2	

GOVERNMENT OF TAMIL NADU
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SUBJECT LIST (R2023)

Course Code		Course Name				Semester
1079		PAPER TECHNOLOGY (FULL TIME)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1079235110	PROCESS PLANT OPERATIONS	T	3	
2		1079235230	ADVANCED PAPER TECHNOLOGY	PT	4	
3	1	1079235331	PROCESS INSTRUMENTATION AND CONTROL	PT	3	
3	2	1079235332	CHEMICAL TECHNOLOGY	PT	3	
3	3	1079235333	PROCESS AUTOMATION	PT	3	
3	4	1079235334	ADVANCED ANALYTICAL TECHNIQUES	PT	3	
3	5	1079235335	COMPUTER BASED CONTROL SYSTEM	PT	3	
3	6	1079235336	RENEWABLE ENERGY SOURCES	PT	3	
3	7	7			3	
4		1079235440	PAPER TESTING PRACTICAL	P	3	
5	1	1079235541	INDUSTRIAL SAFETY AND POLLUTION CONTROL	P	3	
5	2	1079235542	PAPER MAKING CHEMISTRY	P	3	
5	3	1079235543	DYEING TECHNOLOGY	P	3	
5	4	1079235544	PRINTING TECHNOLOGY	P	3	
5	5	1079235545	INDUSTRIAL PACKAGING	P	3	
5	6	1079235546	ELECTRO-KINETICS IN PAPERMAKING	P	3	
5	7	1079235547	CHEMISTRY OF FIBROUS RAW MATERIALS	P	3	
6		1079235654	INNOVATION & STARTUP	P	2	

GOVERNMENT OF TAMIL NADU
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Course Code		Course Name				Semester	
1079		PAPER TECHNOLOGY (FULL TIME)				5	
Column Number	Elec	Subject Code	Subject Name			Subject Type	Credits
7		1079235773	INDUSTRIAL TRAINING			P	2
8		1079235860	ADVANCED SKILLS CERTIFICATION - V			ASC	2

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GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
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Course Code		Course Name				Semester
1079		PAPER TECHNOLOGY (FULL TIME)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	6000236111	ADVANCED ENGINEERING MATHEMATICS	T	3	
1	2	6000236112	ENTREPRENEURSHIP	T	3	
1	3	6000236113	PROJECT MANAGEMENT	T	3	
1	4	6000236114	FINANCE FUNDAMENTALS	T	3	
1	5	1020236115	INDUSTRY 4.0	T	3	
1	6	1079236116	PROCESS DESIGN AND CONCEPT	T	3	
1	7	1079236117	MECHANICAL OPERATIONS & SOLID HANDLING	T	3	
2	1	1079236241	ENVIRONMENTAL ENGINEERING	P	3	
2	2	1079236242	TOTAL QUALITY MANAGEMENT	P	3	
2	3	1079236243	SALES AND MARKETING MANAGEMENT	P	3	
2	4	1079236244	PRODUCTION & QUALITY MANAGEMENT	P	3	
2	5	1079236245	INDUSTRIAL ENGINEERING	P	3	
2	6	1079236246	APPLIED ELECTRONICS IN PAPER INDUSTRY	P	3	
2	7	1079236247	AUTOMATICS PROCESS CONTROL	P	3	
2	8	1079236248	CHEMICAL REACTION ENGG & THERMODYNAMICS	P	3	
3	1	1079236351	INTERNSHIP	P	12	
3	2	1079236353	FELLOWSHIP	P	12	
3	3	1079236374	IN-HOUSE PROJECT	P	12	

GOVERNMENT OF TAMIL NADU
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Course Code		Course Name				Semester	
1079		PAPER TECHNOLOGY (FULL TIME)				6	
Column Number	Elec	Subject Code	Subject Name			Subject Type	Credits
3	4	2020234274	INDUSTRIAL TRAINING (SW)			P	12
3	5	2020237274	-			P	12

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**GOVERNMENT OF TAMIL NADU
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Course Code		Course Name				Semester
1080		COMMERCIAL PRACTICE (FULL TIME)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		1080231210	ELEMENTS OF COMMERCE	T	4	
3		1080231310	PRINCIPLES OF ACCOUNTANCY	T	4	
4		1080231440	TYPEWRITING ENGLISH BASIC LEVEL	P	2	
5		1080231520	PRACTICAL ACCOUNTING - I	P	1	
6		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
7		1080231720	OFFICE AUTOMATION LAB - I	P	3	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

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SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
1080		COMMERCIAL PRACTICE (FULL TIME)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		1080232210	BUSINESS ORGANISATION	T	3	
3		1080232310	FINANCIAL ACCOUNTING	T	3	
4		1080232440	TYPEWRITING GTE ENGLISH PRE-JUNIOR	P	2	
5		1080232540	COMMERCIAL PRACTICES	P	2	
6		1080232620	OFFICE AUTOMATION LAB - II	P	2	
7		1080232720	PRACTICAL ACCOUNTING - II	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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Course Code		Course Name				Semester
1080		COMMERCIAL PRACTICE (FULL TIME)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1080233140	ENGLISH	P	3	
2		1080233240	ADVANCED FINANCIAL ACCOUNTING	P	3	
3		1080233340	BUSINESS STATISTICS	P	3	
4		1080233440	TW GTE ENGLISH JUNIOR - SPEED	P	3	
5		1080233520	DESKTOP PUBLISHING LAB	P	2	
6	1	1080233611	BANKING	T	4	
6	2	1080233642	ELEMENTS OF SHORTHAND ENGLISH THEORY - I	P	4	
6	3	1080233643	TYPEWRITING GTE TAMIL JUNIOR SPEED	P	4	
7		1080233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	

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Course Code		Course Name				Semester
1080		COMMERCIAL PRACTICE (FULL TIME)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1080234110	PRINCIPLES OF MANAGEMENT	T	4	
2		1080234310	GST - I	T	2	
3		1080234240	PARTNERSHIP ACCOUNTING	P	3	
4		1080234440	TW GTE ENGLISH - SENIOR - SPEED	P	3	
5		1080234520	COMPUTERIZED ACCOUNTING LAB	P	2	
6	1	1080234611	MARKETING	T	4	
6	2	1080234642	ELEMENTS OF SHORTHAND - ENGLISH THEORY - II	P	4	
6	3	1080234643	TW GTE TAMIL - SENIOR - SPEED	P	4	
7		1080234760	ADVANCED SKILL CERTIFICATION - IV	ASC	2	

GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester
1081		MODERN OFFICE PRACTICE (FULL TIME)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		1080231210	ELEMENTS OF COMMERCE	T	4	
3		1080231310	PRINCIPLES OF ACCOUNTANCY	T	4	
4		1080231440	TYPEWRITING ENGLISH BASIC LEVEL	P	2	
5		1080231520	PRACTICAL ACCOUNTING - I	P	1	
7		1080231720	OFFICE AUTOMATION LAB - I	P	3	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

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DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester
1081		MODERN OFFICE PRACTICE (FULL TIME)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		1080232210	BUSINESS ORGANISATION	T	3	
3		1080232310	FINANCIAL ACCOUNTING	T	3	
4		1080232440	TYPEWRITING GTE ENGLISH PRE-JUNIOR	P	2	
5		1080232540	COMMERCIAL PRACTICES	P	2	
6		1080232620	OFFICE AUTOMATION LAB - II	P	2	
7		1080232720	PRACTICAL ACCOUNTING - II	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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Course Code		Course Name				Semester
1081		MODERN OFFICE PRACTICE (FULL TIME)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1080233140	ENGLISH	P	3	
2		1080233240	ADVANCED FINANCIAL ACCOUNTING	P	3	
3		1080233340	BUSINESS STATISTICS	P	3	
4		1080233440	TW GTE ENGLISH JUNIOR - SPEED	P	3	
5		1080233520	DESKTOP PUBLISHING LAB	P	2	
6	1	1080233611	BANKING	T	4	
6	2	1080233642	ELEMENTS OF SHORTHAND ENGLISH THEORY - I	P	4	
6	3	1080233643	TYPEWRITING GTE TAMIL JUNIOR SPEED	P	4	
7		1080233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	

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Course Code		Course Name				Semester
1081		MODERN OFFICE PRACTICE (FULL TIME)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1080234110	PRINCIPLES OF MANAGEMENT	T	4	
2		1080234310	GST - I	T	2	
3		1080234240	PARTNERSHIP ACCOUNTING	P	3	
4		1080234440	TW GTE ENGLISH - SENIOR - SPEED	P	3	
5		1080234520	COMPUTERIZED ACCOUNTING LAB	P	2	
6	1	1080234611	MARKETING	T	4	
6	2	1080234642	ELEMENTS OF SHORTHAND - ENGLISH THEORY - II	P	4	
6	3	1080234643	TW GTE TAMIL - SENIOR - SPEED	P	4	
7		1080234760	ADVANCED SKILL CERTIFICATION - IV	ASC	2	

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SUBJECT LIST (R2023)

Course Code		Course Name				Semester	
1082		OFFICE MANAGEMENT AND COMPUTER APPLICATIONS (FULL TIME)				1	
Column Number	Elec	Subject Code	Subject Name			Subject Type	Credits
1		TA231110	TAMIL MARABU			T	2
2		1080231210	ELEMENTS OF COMMERCE			T	4

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Course Code		Course Name				Semester	
1082		OFFICE MANAGEMENT AND COMPUTER APPLICATIONS (FULL TIME)				2	
Column Number	Elec	Subject Code	Subject Name			Subject Type	Credits
4		1080232440	TYPEWRITING GTE ENGLISH PRE-JUNIOR			P	2

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GOVERNMENT OF TAMIL NADU
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SUBJECT LIST (R2023)

Course Code		Course Name				Semester	
1082		OFFICE MANAGEMENT AND COMPUTER APPLICATIONS (FULL TIME)				3	
Column Number	Elec	Subject Code	Subject Name			Subject Type	Credits
4		1052233440	C PROGRAMMING			P	3

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Course Code		Course Name				Semester	
1082		OFFICE MANAGEMENT AND COMPUTER APPLICATIONS (FULL TIME)				4	
Column Number	Elec	Subject Code	Subject Name			Subject Type	Credits
2		1082234240	BUSINESS MATHEMATICS II			P	3
6	1	1082234641	RDBMS LAB			P	4

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**GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
1091		AIRCRAFT MAINTENANCE ENGINEERING (AVIONICS)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester
1091		AIRCRAFT MAINTENANCE ENGINEERING (AVIONICS)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		EE232120	BASICS OF ELECTRICAL AND ELECTRONICS ENGINEERING	T	3	
3		MA232432	APPLIED MATHEMATICS - II	P	3	
4		PH232442	APPLIED PHYSICS - II	P	2	
5		CH232452	APPLIED CHEMISTRY - II	P	2	
6		EP232460	BASIC ENGINEERING PRACTICES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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SUBJECT LIST (R2023)

Course Code		Course Name				Semester
1091		AIRCRAFT MAINTENANCE ENGINEERING (AVIONICS)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1091233110	COMPONENTS OF AIRCRAFT STRUCTURES	T	3	
2		1091233210	AVIONICS SYSTEM - I	T	3	
3		1091233310	FLIGHT MECHANICS	T	3	
4		1091233420	COMPONENTS OF AIRCRAFT STRUCTURES PRACTICAL	P	3	
5		1091233520	AVIONICS SYSTEM	P	3	
6		1091233620	FLIGHT MECHANICS PRACTICAL	P	3	
7		1091233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		1091233886	HEALTH & WELLNESS	HW	1	

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Course Code		Course Name				Semester
1091		AIRCRAFT MAINTENANCE ENGINEERING (AVIONICS)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1091234110	AIRCRAFT SYSTEM	T	3	
2		1091234210	AVIONICS SYSTEMS - II	T	3	
3		1091234320	AIRCRAFT SYSTEM PRACTICAL	P	3	
4		1091234420	AVIONICS SYSTEMS	P	3	
5		1091234520	AERO MODELING PRACTICAL USING CAD	P	2	
6		1091234640	FUNDAMENTALS OF CONTROL SYSTEMS	P	3	
7		1091234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

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Course Code		Course Name				Semester
1091		AIRCRAFT MAINTENANCE ENGINEERING (AVIONICS)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1091235110	UAV SYSTEM DESIGN	T	4	
2		1091235210	AIRCRAFT GROUND HANDLING	T	3	
3		1091235320	AIRCRAFT GROUND HANDLING PRACTICAL	P	3	
4		1091235420	UAV SYSTEM DESIGN PRACTICAL	P	3	
5		1091235540	AIRCRAFT NAVIGATION SYSTEM	P	3	
6		1091235654	INNOVATION & STARTUP	P	2	
7		1091235773	INDUSTRIAL TRAINING	P	2	
8		1091235860	ADVANCED SKILLS CERTIFICATION - V	ASC	2	

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Course Code		Course Name				Semester
1091		AIRCRAFT MAINTENANCE ENGINEERING (AVIONICS)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	1091236111	CIVIL AVIATION REQUIREMENTS	T	3	
1	2	6000236112	ENTREPRENEURSHIP	T	3	
1	3	1091236113	AIRWORTHINESS REQUIREMENTS	T	3	
2	1	1091236241	HELICOPTER MODELING	P	3	
2	2	1091236242	ROCKET MODELING	P	3	
2	3	1091236243	2 SEATER FLIGHT MODELING	P	3	
3	1	1091236351	INTERNSHIP	P	12	
3	2	1091236353	FELLOWSHIP	P	12	
3	3	1091236374	IN-HOUSE PROJECT	P	12	

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Course Code		Course Name				Semester
1092		AERONAUTICAL ENGINEERING				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

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SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
1092		AERONAUTICAL ENGINEERING				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		ME232120	BASICS OF MECHANICAL ENGINEERING	T	3	
3		MA232431	APPLIED MATHEMATICS - I	P	3	
4		PH232441	APPLIED PHYSICS - I	P	2	
5		CH232451	APPLIED CHEMISTRY - I	P	2	
6		EP232460	BASIC ENGINEERING PRACTICES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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Course Code		Course Name				Semester
1092		AERONAUTICAL ENGINEERING				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1091233110	COMPONENTS OF AIRCRAFT STRUCTURES	T	3	
2		1092233210	MATERIAL AND TESTING PROCESSES	T	3	
3		1092233310	AERODYNAMICS	T	3	
4		1091233420	COMPONENTS OF AIRCRAFT STRUCTURES PRACTICAL	P	3	
5		1092233520	MATERIAL AND TESTING PROCESSES PRACTICAL	P	3	
6		1092233620	AERODYNAMICS PRACTICAL	P	3	
7		1092233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		1092233886	HEALTH & WELLNESS	HW	1	

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Course Code		Course Name				Semester
1092		AERONAUTICAL ENGINEERING				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1091234110	AIRCRAFT SYSTEM	T	3	
2		1092234210	AIRCRAFT ENGINE PROPULSION	T	3	
3		1091234320	AIRCRAFT SYSTEM PRACTICAL	P	3	
4		1092234420	AIRCRAFT ENGINE PROPULSION PRACTICAL	P	3	
5		1091234520	AERO MODELING PRACTICAL USING CAD	P	2	
6		1092234640	AIRCRAFT STRUCTURAL REPAIR	P	3	
7		1092234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

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DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
1092		AERONAUTICAL ENGINEERING				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1091235110	UAV SYSTEM DESIGN	T	3	
2		1092235210	AIRCRAFT MAINTENANCE ENGINEERING	T	4	
3		1092235320	AIRCRAFT MAINTENANCE ENGINEERING PRACTICAL	P	3	
4		1092235440	ADVANCED AIRFRAME STRUCTURE	P	3	
5		1091235540	AIRCRAFT NAVIGATION SYSTEM	P	3	
6		1092235654	INNOVATION & STARTUP	P	2	
7		1092235773	INDUSTRIAL TRAINING	P	2	
8		1092235860	ADVANCED SKILLS CERTIFICATION - V	ASC	2	

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SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
1092		AERONAUTICAL ENGINEERING				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	1091236111	CIVIL AVIATION REQUIREMENTS	T	3	
1	2	6000236112	ENTREPRENEURSHIP	T	3	
1	3	1091236113	AIRWORTHINESS REQUIREMENTS	T	3	
2	1	1091236241	HELICOPTER MODELING	P	3	
2	2	1091236242	ROCKET MODELING	P	3	
2	3	1091236243	2 SEATER FLIGHT MODELING	P	3	
3	1	1092236351	INTERNSHIP	P	12	
3	2	1092236353	FELLOWSHIP	P	12	
3	3	1092236374	IN-HOUSE PROJECT	P	12	

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Course Code		Course Name				Semester
1093		BIOMEDICAL ENGINEERING				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

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Course Code		Course Name				Semester
1093		BIOMEDICAL ENGINEERING				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		BM232120	BASICS OF ANATOMY & PHYSIOLOGY	T	3	
3		MA232432	APPLIED MATHEMATICS - II	P	3	
4		PH232442	APPLIED PHYSICS - II	P	2	
5		CH232452	APPLIED CHEMISTRY - II	P	2	
6		BM232460	ANATOMY PRACTICES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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Course Code		Course Name				Semester
1093		BIOMEDICAL ENGINEERING				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
0		1093233886	HEALTH & WELLNESS	HW	1	
1		1145233110	BASICS OF BIOSCIENCE	T	3	
2		1146233210	FUNDAMENTALS OF ELECTRIC CIRCUITS	T	3	
3		1145233320	BASICS OF BIOSCIENCE PRACTICE	P	2	
4		1040233420	DIGITAL ELECTRONICS PRACTICAL	P	2	
5		1146233540	ELECTRONIC CIRCUITS	P	4	
6		1146233640	SENSORS AND SIGNAL CONDITIONING	P	3	
7		1093233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	

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Course Code		Course Name				Semester
1093		BIOMEDICAL ENGINEERING				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1093234110	MEDICAL PHYSICS	T	3	
2		1093234210	BASICS OF COMMUNICATION SYSTEMS	T	3	
3		1093234340	MEDICAL LABORATORY INSTRUMENTS	P	3	
4		1146234440	MICROCONTROLLER AND ITS APPLICATIONS	P	3	
5		1040234540	PROGRAMMING IN C	P	3	
6		1093234640	LINEAR IC DESIGN	P	3	
7		1093234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

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Course Code		Course Name				Semester
1093		BIOMEDICAL ENGINEERING				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1093235110	RADIOLOGICAL EQUIPMENT	T	4	
2	1	1093235211	NEURAL ENGINEERING	T	3	
2	2	1146235212	MEDICAL INFORMATICS	T	3	
2	3	1146235213	ASSIST DEVICES	T	3	
2	4	1093235214	BASICS OF REHABILITATION ENGINEERING	T	3	
2	5	1146235215	BASICS OF TELE HEALTH TECHNOLOGY	T	3	
2	6	1146235216	BASICS OF BIOMECHANICS	T	3	
3		1146235340	DIAGNOSTIC AND THERAPEUTIC EQUIPMENTS	P	3	
4		1145235440	BIO SIGNAL PROCESSING	P	3	
5	1	1145235541	FIBER OPTICS AND LASER IN MEDICINE	P	3	
5	2	1145235542	INSTALLATION, MAINTENANCE AND SAFETY HANDLING OF MEDICAL EQUIPMENT	P	3	
5	3	1093235543	BIOMATERIALS SCIENCE AND TECHNOLOGY	P	3	
5	4	1146235544	MEDICAL IMAGING TECHNIQUES	P	3	
5	5	1146235545	BASICS OF VLSI DESIGN	P	3	
5	6	1146235546	FUNDAMENTALS OF EMBEDDED SYSTEMS	P	3	
6		1093235652	INNOVATION & STARTUP	P	2	
7		1093235773	HOSPITAL TRAINING / INDUSTRIAL TRAINING [SUMMERS VACATION-90 HOURS]	P	2	
8		1093235860	ADVANCED SKILLS CERTIFICATION - V	ASC	2	

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Course Code		Course Name				Semester
1093		BIOMEDICAL ENGINEERING				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	6000236111	ADVANCED ENGINEERING MATHEMATICS	T	3	
1	2	6000236112	ENTREPRENEURSHIP	T	3	
1	3	1146236113	HOSPITAL MANAGEMENT	T	3	
1	4	6000236114	FINANCE FUNDAMENTALS	T	3	
1	5	1146236115	IOT IN HEALTH CARE	T	3	
1	6	1146236116	MEDICAL INSTRUMENTATION	T	3	
2	1	1093236231	PHYSIOTHERAPY AND OPERATION THEATRE EQUIPMENT	PT	3	
2	2	1093236232	BASICS OF MEDICAL COMPUTING	PT	3	
2	3	1146236233	MEDICAL DEVICE DESIGN	PT	3	
2	4	1093236234	FUNDAMENTALS OF MICRO BIOLOGY	PT	3	
2	5	1146236235	BLOOD BANKING TECHNIQUES	PT	3	
2	6	1093236236	BIO STATICS	PT	3	
3	1	1093236351	INTERNSHIP	P	12	
3	2	1093236353	FELLOW SHIP	P	12	
3	3	1093236374	IN-HOUSE PROJECT	P	12	

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Course Code		Course Name				Semester
1094		LOGISTICS TECHNOLOGY				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

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Course Code		Course Name				Semester
1094		LOGISTICS TECHNOLOGY				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		ME232120	BASICS OF MECHANICAL ENGINEERING	T	3	
3		MA232431	APPLIED MATHEMATICS - I	P	3	
4		PH232441	APPLIED PHYSICS - I	P	2	
5		CH232451	APPLIED CHEMISTRY - I	P	2	
6		EP232460	BASIC ENGINEERING PRACTICES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester
1094		LOGISTICS TECHNOLOGY				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1094233110	FUNDAMENTALS OF LOGISTICS AND WAREHOUSING	T	4	
2		1094233210	DOCUMENTATION IN LOGISTICS	T	3	
3		1094233330	LOGISTICS IN MANUFACTURING, SUPPLY CHAIN AND DISTRIBUTION	PT	3	
4		1094233420	DOCUMENTATION IN LOGISTICS PRACTICAL	P	2	
5		1094233540	CONTAINER LOGISTICS - CARGO MOVEMENT VISIBILITY, TRACKING AND TRACING	P	3	
6		1094233640	BASIC ACCOUNTING	P	3	
7		1094233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	

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Course Code		Course Name				Semester
1094		LOGISTICS TECHNOLOGY				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1094234110	MATERIAL HANDLING EQUIPMENTS	T	3	
2		1094234230	E- COMMERCE	PT	3	
3		1094234320	MATERIAL HANDLING EQUIPMENTS AND MAINTENANCE PRACTICAL	P	2	
4		1094234440	LOGISTICS INFORMATICS	P	3	
5		1094234540	COLD CHAIN-LOGISTICS AND MAINTENANCE OF COLD STORAGES	P	3	
6		1094234640	PORT TERMINAL EQUIPMENT AND CONVEYOR MAINTENANCE	P	3	
7		1020234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

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Course Code		Course Name				Semester
1094		LOGISTICS TECHNOLOGY				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	1094235141	COMPLIANCE – INSURANCE, REGULATIONS AND LOSS PREVENTION.	P	4	
1	2	1094235142	DANGEROUS GOODS MANAGEMENT	P	4	
2		1094235230	MATERIAL HANDLING PRACTICAL	P	2	
3		1094235351	INTERNSHIP	P	16	

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Course Code		Course Name				Semester	
1094		LOGISTICS TECHNOLOGY				6	
Column Number	Elec	Subject Code	Subject Name			Subject Type	Credits
1		1094236120	WARE HOUSING PRACTICAL			P	2
2		1094236252	INTERNSHIP			P	8
3		1094236374	PROJECT WORK			P	12

**GOVERNMENT OF TAMIL NADU
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Course Code		Course Name				Semester
1121		MINING ENGINEERING (FULL TIME)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

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SUBJECT LIST (R2023)

Course Code		Course Name				Semester
1121		MINING ENGINEERING (FULL TIME)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		ME232120	BASICS OF MECHANICAL ENGINEERING	T	3	
3		MA232431	APPLIED MATHEMATICS - I	P	3	
4		PH232441	APPLIED PHYSICS - I	P	2	
5		CH232451	APPLIED CHEMISTRY - I	P	2	
6		EP232460	BASIC ENGINEERING PRACTICES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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Course Code		Course Name				Semester
1121		MINING ENGINEERING (FULL TIME)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1121233110	MINE DEVELOPMENT	T	3	
2		1020233230	STRENGTH OF MATERIALS	PT	4	
3		1020233320	WORKSHOP PRACTICES	P	2	
4		1020233440	INDUSTRIAL DRIVES AND CONTROL	P	3	
5		1020233540	PRODUCTION DRAWING AND MODELING	P	3	
6		1121233640	MINING ENVIRONMENTAL ENGINEERING	P	3	
7		1121233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		1121233886	HEALTH & WELLNESS	HW	1	

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Course Code		Course Name				Semester
1121		MINING ENGINEERING (FULL TIME)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1121234110	MINE HAZARD AND SAFETY	T	3	
2		1121234210	MINE MANAGEMENT	T	3	
3		1121234330	MINING GEOLOGY	PT	3	
4		1020234440	SENSORS AND ACTUATORS	P	3	
5		1121234540	MINE SURVEYING	P	3	
6		1121234640	MINING MACHINERY & MECHANIZATION	P	3	
7		1121234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

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Course Code		Course Name				Semester
1121		MINING ENGINEERING (FULL TIME)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1121235110	UNDER GROUND COAL MINING METHODS	T	3	
2		1121235210	DRILLING AND BLASTING	T	3	
3	1	1121235331	MINERAL PROCESSING	PT	3	
3	2	1020235332	COMPOSITE MATERIALS	PT	3	
3	3	1020235333	REFRIGERATION AND AIR-CONDITIONING	PT	3	
3	4	1121235334	ROCK MECHANICS AND GROUND CONTROL	PT	3	
3	5	1020235335	GREEN MANUFACTURING	PT	3	
3	6	1121235336	UNDER GROUND METAL MINING METHODS	PT	3	
4		1020235440	MAINTENANCE, REPAIRS & SERVICE	P	3	
5	1	1121235541	MATERIALS AND METALLURGY PRACTICE	P	3	
5	2	1121235542	SURFACE MINING	P	3	
5	3	1020235543	INDUSTRIAL IOT	P	3	
5	4	1121235544	MINE VENTILATION	P	3	
5	5	1020235545	INDUSTRIAL ROBOTICS	P	3	
5	6	1020235546	HVAC SYSTEMS AND COMPONENTS	P	3	
5	7	1020235547	AUTOMOBILE TECHNOLOGY	P	3	
6		1121235654	INNOVATION & STARTUP	P	2	
7		1121235773	INDUSTRIAL TRAINING	P	2	

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Course Code		Course Name				Semester	
1121		MINING ENGINEERING (FULL TIME)				5	
Column Number	Elec	Subject Code	Subject Name			Subject Type	Credits
8		1121235860	ADVANCED SKILLS CERTIFICATION - V			ASC	2

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SUBJECT LIST (R2023)

Course Code		Course Name				Semester
1121		MINING ENGINEERING (FULL TIME)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	6000236111	ADVANCED ENGINEERING MATHEMATICS	T	3	
1	2	6000236112	ENTREPRENEURSHIP	T	3	
1	3	6000236113	PROJECT MANAGEMENT	T	3	
1	4	6000236114	FINANCE FUNDAMENTALS	T	3	
1	5	1020236115	INDUSTRY 4.0	T	3	
1	6	1020236116	ADDITIVE MANUFACTURING	T	3	
1	7	1020236117	POWER PLANT ENGINEERING	T	3	
2	1	1121236241	MINE PLANNING AND DESIGN	T	3	
2	2	1121236242	STARA CONTROL	P	3	
2	3	1121236243	DIMENSIONAL STONE TECHNOLOGY	T	3	
2	4	1020235544	ADVANCED WELDING TECHNOLOGIES	P	3	
2	5	1020235545	INDUSTRIAL ROBOTICS	P	3	
2	6	1121236246	ENVIRONMENTAL MANAGEMENT IN SURFACE MINES	T	3	
2	7	1121236247	MINE AND MINERAL ECONOMICS	T	3	
2	8	1020236248	GREEN ENERGY & ENGINEERING	P	3	
3	1	1121236351	INTERNSHIP	P	12	
3	2	1121236353	FELLOWSHIP	P	12	
3	3	1121236374	IN-HOUSEPROJECT	P	12	

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Course Code		Course Name				Semester
1122		FIRE TECHNOLOGY AND SAFETY				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

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Course Code		Course Name				Semester
1122		FIRE TECHNOLOGY AND SAFETY				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		FS232120	BASICS OF FIRE TECHNOLOGY AND SAFETY	T	3	
3		MA232431	APPLIED MATHEMATICS - I	P	3	
4		PH232441	APPLIED PHYSICS - I	P	2	
5		CH232451	APPLIED CHEMISTRY - I	P	2	
6		EP232460	BASIC ENGINEERING PRACTICES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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Course Code		Course Name				Semester
1122		FIRE TECHNOLOGY AND SAFETY				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1122233110	FIRE ENGINEERING	T	3	
2		1122233210	INDUSTRIAL SAFETY ENGINEERING	T	4	
3		1122233340	CHEMICAL SAFETY	P	3	
4		1122233440	SAFETY ENGINEERING	P	3	
5		1122233540	BASIC FIRST AID	P	3	
6		1122233640	PERSONAL PROTECTIVE EQUIPMENT	P	3	
7		1122233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		1122233886	HEALTH & WELLNESS	HW	1	

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Course Code		Course Name				Semester
1122		FIRE TECHNOLOGY AND SAFETY				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1122234110	FIRE CONTROL TECHNOLOGY	T	3	
2		1122234210	OCCUPATIONAL HEALTH AND SAFETY	T	3	
3		1122234320	ENVIRONMENTAL HAZARD ASSESSMENT	P	2	
4		1122234440	ELECTRICAL SAFETY	P	3	
5		1122234540	FIRE SAFETY AND FIGHTING	P	3	
6		1122234640	INDUSTRIAL HYGIENE	P	3	
7		1122234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

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Course Code		Course Name				Semester
1122		FIRE TECHNOLOGY AND SAFETY				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1122235110	ENVIRONMENTAL SAFETY	T	3	
2	1	1122235211	SAFETY IN ENGINEERING INDUSTRIES	T	3	
2	2	1122235212	SAFETY IN PROCESS INDUSTRIES AND POWDER HANDLING	T	3	
2	3	1122235213	SAFETY IN OIL AND GAS INDUSTRIES	T	3	
3		1122235340	HAZARD IDENTIFICATION AND RISK MANAGEMENT	P	3	
4		1122235440	MANUFACTURING SAFETY	P	3	
5	1	1122235541	COMPUTER AIDED RISK ANALYSIS	P	3	
5	2	1122235542	SAFETY AND REGULATIONS AUDIT	P	3	
5	3	1122235543	EXPLOSION THEORY AND CONTROL	P	3	
6		1122235654	INNOVATION & STARTUP	P	2	
7		1122235773	INDUSTRIAL TRAINING	P	2	
8		1122235860	ADVANCED SKILLS CERTIFICATION - V	ASC	2	

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SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
1122		FIRE TECHNOLOGY AND SAFETY				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	1122236111	REGULATIONS FOR SAFETY, HEALTH AND ENVIRONMENT	T	3	
1	2	1122236112	DISASTER MANAGEMENT	T	3	
1	3	1122236113	SAFETY IN MATERIAL HANDLING	T	3	
2	1	1122236241	EMERGENCY PREPAREDNESS	P	3	
2	2	1122236242	TRANSPORT AND ROAD SAFETY	P	3	
2	3	1122236243	CONSTRUCTION AND MATERIAL HANDLING	P	3	
3	1	1122236351	INTERNSHIP /	P	12	
3	2	1122236353	FELLOWSHIP /	P	12	
3	3	1122236374	IN-HOUSE PROJECT	P	12	

GOVERNMENT OF TAMIL NADU
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SUBJECT LIST (R2023)

Course Code		Course Name				Semester
1123		MECHANICAL ENGINEERING (CAD)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

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Course Code		Course Name				Semester
1123		MECHANICAL ENGINEERING (CAD)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		ME232120	BASICS OF MECHANICAL ENGINEERING	T	3	
3		MA232431	APPLIED MATHEMATICS - I	P	3	
4		PH232441	APPLIED PHYSICS - I	P	2	
5		CH232451	APPLIED CHEMISTRY - I	P	2	
6		EP232460	BASIC ENGINEERING PRACTICES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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Course Code		Course Name				Semester
1123		MECHANICAL ENGINEERING (CAD)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1123233110	MANUFACTURING TECHNOLOGY I	T	3	
2		1020233230	STRENGTH OF MATERIALS	PT	4	
3		1123233320	MANUFACTURING TECHNOLOGY I PRACTICAL	P	2	
4		1123233440	MECHANICAL MEASUREMENTS AND METROLOGY	P	3	
5		1123233540	PRODUCTION DRAWING PRACTICES	P	3	
6		1123233640	THERMAL ENGINEERING	P	3	
7		1123233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	

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Course Code		Course Name				Semester
1123		MECHANICAL ENGINEERING (CAD)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1123234110	GEOMETRIC MODELLING AND FEA	T	3	
2		1020234230	FLUID MECHANICS	PT	3	
3		1123234320	SOLID MODELLING AND 3D PRINTING	P	2	
4		1020234440	SENSORS AND ACTUATORS	P	3	
5		1123234540	ELECTRICAL DRIVES AND CONTROL	P	3	
6		1123234640	MANUFACTURING TECHNOLOGY II	P	3	
7		1123234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

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Course Code		Course Name				Semester
1123		MECHANICAL ENGINEERING (CAD)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1123235110	COMPUTER AIDED DESIGN AND MANUFACTURING	T	3	
2	1	1123235211	MACHINE DESIGN	T	4	
2	2	1123235212	INDUSTRIAL ENGINEERING AND PRINCIPLES OF MANAGEMENT	T	4	
2	3	1123235213	DESIGN FOR MANUFACTURE AND ASSEMBLY	T	4	
2	4	1123235214	THEORY OF MACHINES	T	4	
2	5	1123235215	COMPOSITE MATERIALS AND SMART MATERIALS	T	4	
3		1123235340	CNC PART PROGRAMING	P	3	
4		1123235440	COMPUTER AIDED INSPECTION & FEA SIMULATION	P	3	
5	1	1123235541	AUTOMOBILE ENGINEERING	P	3	
5	2	1123235542	INDUSTRIAL ROBOTICS AND AUTOMATION	P	3	
5	3	1020235543	INDUSTRIAL IOT	P	3	
5	4	1020235544	ADVANCED WELDING TECHNOLOGIES	P	3	
5	5	1123235545	JIGS, FIXTURES &PRESS TOOLS	P	3	
6		1123235654	INNOVATION & STARTUP	P	2	
7		1123235773	INDUSTRIAL TRAINING	P	2	
8		1123235860	ADVANCED SKILLS CERTIFICATION - V	ASC	2	

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Course Code		Course Name				Semester	
1123		MECHANICAL ENGINEERING (CAD)				6	
Column Number	Elec	Subject Code	Subject Name			Subject Type	Credits
1	1	6000236111	ADVANCED ENGINEERING MATHEMATICS			T	3
1	2	6000236112	ENTREPRENEURSHIP			T	3
1	3	1123236113	PROFESSIONAL ETHICS			T	3
1	4	1123236114	ENGINEERING ECONOMICS			T	3
1	5	1020236115	INDUSTRY 4.0			T	3
1	6	1020236116	ADDITIVE MANUFACTURING			T	3
1	7	1123236117	TOTAL QUALITY MANAGEMENT			T	3
1	8	1123236118	PRODUCT LIFE CYCLE MANAGEMENT			T	3
1	9	1123236119	MODERN MANUFACTURING SYSTEMS			T	3
2	1	1020236241	MEP EQUIPMENT SERVICING			P	3
2	2	1020236242	MAINTENANCE OF MACHINE TOOLS			P	3
2	3	1020236243	NON-DESTRUCTIVE TESTING			P	3
2	4	1020236244	PROCESS AUTOMATION			P	3
2	5	1020236245	PRODUCT DESIGN & DEVELOPMENT			P	3
2	6	1020236246	ELECTRIC VEHICLE TECHNOLOGY			P	3
2	7	1020236247	REVERSE ENGINEERING			P	3
2	8	1020236248	GREEN ENERGY & ENGINEERING			P	3
3	1	1123236351	INTERNSHIP			P	12

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Course Code		Course Name				Semester	
1123		MECHANICAL ENGINEERING (CAD)				6	
Column Number	Elec	Subject Code	Subject Name			Subject Type	Credits
3	2	1123236353	FELLOWSHIP			P	12
3	3	1123236374	IN-HOUSEPROJECT			P	12

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Course Code		Course Name				Semester
1124		RENEWABLE ENERGY				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

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Course Code		Course Name				Semester
1124		RENEWABLE ENERGY				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		EE232120	BASICS OF ELECTRICAL AND ELECTRONICS ENGINEERING	T	3	
3		MA232432	APPLIED MATHEMATICS - II	P	3	
4		PH232442	APPLIED PHYSICS - II	P	2	
5		CH232452	APPLIED CHEMISTRY - II	P	2	
6		EP232460	BASIC ENGINEERING PRACTICES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		1124232840	FUNCTIONAL ENGLISH FOR TECHNICIANS	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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Course Code		Course Name				Semester
1141		MEDICAL ELECTRONICS				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

**GOVERNMENT OF TAMIL NADU
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Course Code		Course Name				Semester
1141		MEDICAL ELECTRONICS				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		ML232120	BASICS OF MEDICAL ELECTRONICS	T	3	
3		MA232432	APPLIED MATHEMATICS - II	P	3	
4		PH232442	APPLIED PHYSICS - II	P	2	
5		CH232452	APPLIED CHEMISTRY - II	P	2	
6		ML232260	BASICS OF MEDICAL ELECTRONICS PRACTICAL	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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Course Code		Course Name				Semester
1141		MEDICAL ELECTRONICS				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1141233110	HUMAN ANATOMY AND PHYSIOLOGY	T	3	
2		1141233210	BASICS OF ELECTRICAL AND ELECTRONICS ENGINEERING	T	3	
3		1141233320	HUMAN ANATOMY AND PHYSIOLOGY PRACTICAL	P	2	
4		1141233420	BASICS OF ELECTRICAL AND ELECTRONICS ENGINEERING PRACTICAL	P	2	
5		1141233540	BIOSCIENCE	P	4	
6		1141233640	BIOSENSORS AND MEASUREMENT DEVICES	P	4	
7		1141233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		1141233886	HEALTH & WELLNESS	HW	1	

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Course Code		Course Name				Semester
1141		MEDICAL ELECTRONICS				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1141234110	BIOMATERIALS AND ARTIFICIAL ORGANS	T	4	
2		1141234210	REHABILITATION ENGINEERING	T	3	
3		1141234340	PATHOLOGY AND MICROBIOLOGY	P	3	
4		1141234440	ANALOG AND DIGITAL ELECTRONICS	P	3	
5		1141234540	MICROCONTROLLER	P	3	
6		1141234651	HOSPITAL TRAINING	P	2	
7		1141234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

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Course Code		Course Name				Semester
1141		MEDICAL ELECTRONICS				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1141235110	RADIOLOGICAL EQUIPMENT	T	3	
2		1141235210	DIAGNOSTIC AND THERAPEUTIC EQUIPMENT	T	3	
3	1	1141235311	MEDICAL INFORMATICS	T	3	
3	2	1141235312	MEDICAL PHYSICS	T	3	
3	3	1141235313	HUMAN ASSIST DEVICES	T	3	
4		1141235420	DIAGNOSTIC AND THERAPEUTIC EQUIPMENT PRACTICAL	P	2	
5		1141235540	MEDICAL EXPERT SYSTEMS	P	3	
6	1	1141235641	INSTALLATION, MAINTENANCE AND SAFETY HANDLING OF MEDICAL EQUIPMENT.	P	3	
6	2	1141235642	VERY LARGE SCALE INTEGRATION	P	3	
6	3	1141235643	EMBEDDED CONTROLLER PROGRAMMING	P	3	
7		1141235773	INDUSTRIAL TRAINING	P	2	
8		1141235860	ADVANCED SKILLS CERTIFICATION - V	ASC	2	

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Course Code		Course Name				Semester
1141		MEDICAL ELECTRONICS				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	1141236111	ELECTRICAL SAFETY AND QUALITY ASSURANCE IN HOSPITAL	T	3	
1	2	1141236112	HOSPITAL MANAGEMENT	T	3	
1	3	1141236113	PHYSIOTHERAPY AND OPERATION THEATRE EQUIPMENT	T	3	
2	1	1141236231	MEDICAL LABORATORY INSTRUMENTS	PT	3	
2	2	1141236232	HEMATOLOGY	PT	3	
2	3	1141236233	BASICS OF DIGITAL SIGNALS AND IMAGE PROCESSING	PT	3	
3	1	1141236351	INTERNSHIP /	P	12	
3	2	1141236353	FELLOWSHIP /	P	12	
3	3	1141236374	IN-HOUSE PROJECT	P	12	

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Course Code		Course Name				Semester
1142		MEDICAL LABORATORY TECHNOLOGY				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

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Course Code		Course Name				Semester
1142		MEDICAL LABORATORY TECHNOLOGY				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		EE232120	BASICS OF ELECTRICAL AND ELECTRONICS ENGINEERING	T	3	
3		MA232432	APPLIED MATHEMATICS - II	P	3	
4		PH232442	APPLIED PHYSICS - II	P	2	
5		CH232452	APPLIED CHEMISTRY - II	P	2	
6		EP232460	BASIC ENGINEERING PRACTICES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
1142		MEDICAL LABORATORY TECHNOLOGY				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1040233110	ELECTRONIC DEVICES AND CIRCUITS	T	4	
2		1141233110	HUMAN ANATOMY AND PHYSIOLOGY	T	3	
3		1142233320	ELECTRONIC DEVICES & CIRCUITS	P	2	
4		1141233320	HUMAN ANATOMY AND PHYSIOLOGY PRACTICAL	P	2	
5		1142233540	ELECTRICAL CIRCUITS AND MACHINES	P	3	
6		1142233640	FUNDAMENTALS OF MEDICAL LABORATORY TECHNOLOGY	P	3	
7		1142233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		1142233886	HEALTH & WELLNESS	HW	1	

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Course Code		Course Name				Semester
1142		MEDICAL LABORATORY TECHNOLOGY				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1142234110	ANALOG AND DIGITAL ELECTRONICS	T	4	
2		1142234210	MEASUREMENTS AND INSTRUMENTS	T	4	
3		1142234320	ANALOG AND DIGITAL ELECTRONICS	P	2	
4		1142234420	MEASUREMENTS AND INSTRUMENTS	P	2	
5		1142234540	SENSORS AND TRANSDUCER	P	3	
6		1142234541	CLINICAL PATHOLOGY	P	3	
7		1142234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

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Course Code		Course Name				Semester
1142		MEDICAL LABORATORY TECHNOLOGY				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1142235110	BASICS OF BIOCHEMISTRY	T	5	
2	1	1142235311	BLOOD BANKING TECHNOLOGY	T	4	
2	2	1093235110	RADIOLOGICAL EQUIPMENT	T	4	
2	3	1042235313	EMBEDDED SYSTEM DESIGN WITH ARDUINO	T	4	
2	4	1142235312	MEDICAL IMAGE PROCESSING	T	4	
3		1142235320	BASICS OF BIOCHEMISTRY	P	2	
4		1142235420	IMMUNOLOGY	P	2	
5	1	1142235621	BLOOD BANKING TECHNOLOGY	P	2	
5	2	1141235420	DIAGNOSTIC AND THERAPEUTIC EQUIPMENT PRACTICAL	P	2	
5	3	1042235423	EMBEDDED SYSTEM DESIGN WITH ARDUINO PRACTICAL	P	2	
5	4	1142235623	MEDICAL IMAGE PROCESSING	P	2	
6		1145235652	INNOVATION & STARTUP@	P	2	
7		1093235773	HOSPITAL TRAINING / INDUSTRIAL TRAINING [SUMMERS VACATION-90 HOURS]	P	2	
8		1142235860	ADVANCED SKILLS CERTIFICATION - V	ASC	2	

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Course Code		Course Name				Semester
1142		MEDICAL LABORATORY TECHNOLOGY				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	6000236111	ADVANCED ENGINEERING MATHEMATICS	T	3	
1	2	6000236112	ENTREPRENEURSHIP	T	3	
1	3	1146236113	HOSPITAL MANAGEMENT	T	3	
1	4	6000236114	FINANCE FUNDAMENTALS	T	3	
1	5	1146236116	MEDICAL INSTRUMENTATION	T	3	
1	6	1141235312	MEDICAL PHYSICS	T	3	
2	1	1142236311	MICRO BIOLOGY	T	3	
2	2	1142236312	INSTALLATION, MAINTENANCE AND SAFETY HANDLING OF MEDICAL EQUIPMENT	T	3	
2	3	1142236313	HEALTHCARE INFORMATICS	T	3	
2	4	1142236314	MEDICAL EXPERT SYSTEMS	T	3	
3		1142236651	IN-HOUSE PROJECT/INTERNSHIP/ FELLOWSHIP	P	12	

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Course Code		Course Name				Semester
1143		TECHNICIAN X-RAY TECHNOLOGY				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

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Course Code		Course Name				Semester
1143		TECHNICIAN X-RAY TECHNOLOGY				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		ME232120	BASICS OF MECHANICAL ENGINEERING	T	3	
3		MA232431	APPLIED MATHEMATICS - I	P	3	
4		PH232441	APPLIED PHYSICS - I	P	2	
5		CH232451	APPLIED CHEMISTRY - I	P	2	
6		EP232460	BASIC ENGINEERING PRACTICES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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Course Code		Course Name				Semester
1143		TECHNICIAN X-RAY TECHNOLOGY				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1143233110	RADIATION PHYSICS	T	4	
2		1143233240	MANUFACTURING TECHNOLOGY	P	3	
4		1143233430	MATERIAL SCIENCE	PT	3	
5		1143233540	RADIATION PHYSICS PRACTICAL	P	2	
6		1143233620	HUMAN ANATOMY PHYSIOLOGY AND ORTHOPEDIC RELATED TO X-RAY PRACTICAL	P	2	
7		1143233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	

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Course Code		Course Name				Semester
1143		TECHNICIAN X-RAY TECHNOLOGY				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1143234110	X-RAY MACHINES AND ACCESSORIES, INSTALLATION, SERVICE AND MAINTENANCE	T	3	
2		1143234210	RADIOGRAPHY TECHNIQUES	T	3	
3		1143234340	WELDING TECHNIQUES	P	3	
4		1143234410	INDUSTRIAL APPLICATION OF X-RAY	T	3	
5		1143234520	X-RAY MACHINES AND ACCESSORIES, INSTALLATION, SERVICE AND MAINTENANCE	P	2	
6		1143234620	RADIOGRAPHY TECHNIQUES	P	2	
7		1143234740	CLINICAL RADIOGRAPHY	P	3	
8		1143234860	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

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Course Code		Course Name				Semester
1143		TECHNICIAN X-RAY TECHNOLOGY				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1143235110	RADIOLOGICAL EQUIPMENTS	T	3	
2		1143235210	NON DESTRUCTIVE TESTING - I	T	3	
3		1143235341	METROLOGY , MEASUREMENTS & METALLOGRAPHY	P	3	
4		1143235420	NON DESTRUCTIVE TESTING	P	3	
5		1143235721	RADIOLOGICAL EQUIPMENTS PRACTICAL	P	2	
6		1143235854	INNOVATION & STARTUP	P	3	
7		1143235973	INDUSTRIAL TRAINING	P	3	
8		1143235960	ADVANCED SKILLS CERTIFICATION - V	ASC	2	

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Course Code		Course Name				Semester
1143		TECHNICIAN X-RAY TECHNOLOGY				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	1143236111	RADIATION SAFETY & STANDARDS(PATHWAY)	T	3	
1	2	1143236112	INDUSTRIAL ENGINEERING AND MANAGEMENT	T	3	
1	3	1143236113	FINANCE FUNDAMENTALS THEORY	T	3	
2	1	1143236241	NON-DESTRUCTIVE TESTING-II(SPECIALIZATION)	P	3	
2	2	1143236242	ADVANCED RADIOLOGICAL EQUIPMENTS	P	3	
2	3	1143236243	ENTREPRENEUR SHIP & START-UPS	P	3	
3		1143236374	IN-HOUSE PROJECT WORK	P	12	

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Course Code		Course Name				Semester
1144		AUTOMATION AND ROBOTICS				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

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Course Code		Course Name				Semester
1144		AUTOMATION AND ROBOTICS				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		EE232120	BASICS OF ELECTRICAL AND ELECTRONICS ENGINEERING	T	3	
3		MA232432	APPLIED MATHEMATICS - II	P	3	
4		PH232442	APPLIED PHYSICS - II	P	2	
5		CH232452	APPLIED CHEMISTRY - II	P	2	
6		EP232460	BASIC ENGINEERING PRACTICES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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Course Code		Course Name				Semester
1144		AUTOMATION AND ROBOTICS				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		2049233130	ELECTRONIC CIRCUIT APPLICATIONS	PT	3	
2		2049233230	PRODUCTION TECHNOLOGY	PT	3	
3		2049233320	PROGRAMMING IN C	P	2	
4		2049233440	ELEMENTS OF ELECTRICAL ENGINEERING	P	3	
5		2049233540	MACHINE ELEMENT DESIGN	P	3	
6		2049233640	ANALOG AND DIGITAL CIRCUITS	P	3	
7		2049233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		2049233886	HEALTH & WELLNESS	HW	1	

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Course Code		Course Name				Semester
1144		AUTOMATION AND ROBOTICS				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		2049234110	ELECTRONIC MEASUREMENTS AND INSTRUMENTATION	T	4	
2		2049234230	FUNDAMENTALS OF ROBOTICS	PT	3	
3		2049234320	CAD FOR ROBOTICS AND AUTOMATION	P	2	
4		2049234420	PYTHON PROGRAMMING FOR ROBOTICS	P	2	
5		2049234540	FLUID POWER AUTOMATION	P	4	
6		2049234640	MICROCONTROLLERS AND APPLICATIONS	P	4	
7		2049234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

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Course Code		Course Name				Semester
1144		AUTOMATION AND ROBOTICS				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		2049235110	SENSORS, ACTUATORS AND FABRICATION OF ROBOT COMPONENTS	T	3	
2		2049235210	INDUSTRIAL INTERNET OF THINGS	T	3	
3	1	2049235341	APPLIED ROBOTICS	P	3	
3	2	2049235342	BIG DATA AND ANALYTICS	P	3	
3	3	1020235542	SYSTEMS APPLICATIONS AND PRODUCT (SAP)	P	3	
4		2049235440	PLC AND HMI	P	3	
5		2049235540	CIM & CNC PROGRAMMING	P	3	
6		2049235654	INNOVATION AND START-UPS	P	2	
7		2049235773	INDUSTRIAL TRAINING	P	2	
8		2049235860	ADVANCED SKILLS CERTIFICATION-V	ASC	2	

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Course Code		Course Name				Semester
1144		AUTOMATION AND ROBOTICS				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	6000236111	ADVANCED ENGINEERING MATHEMATICS	T	3	
1	2	6000236112	ENTREPRENEURSHIP	T	3	
1	3	6000236113	PROJECT MANAGEMENT	T	3	
1	4	6000236114	FINANCE FUNDAMENTALS	T	3	
1	5	2049236111	INDUSTRIA LENGINEERING	T	3	
2	1	2049236241	ADVANCED AUTOMATION	P	3	
2	2	2049236242	AUTOMATION SYSTEM DESIGN	P	3	
2	3	1020236116	ADDITIVE MANUFACTURING	T	3	
3		2049236351	IN-HOUSEPROJECT/INTERNSHIP/ FELLOWSHIP /INDUSTRIALTRAINING(SW)	P	12	
3	1	2049236353	INTERNSHIP	P	12	
3	2	2049236374	IN-HOUSE PROJECT WORK	P	12	
3	3	2149234274	INDUSTRIAL TRAINING (SW) - I	P	12	
3	4	2149237274	INDUSTRIALTRAINING(SW)	P	12	

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Course Code		Course Name				Semester
1145		BIOMEDICAL ELECTRONICS				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

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Course Code		Course Name				Semester
1145		BIOMEDICAL ELECTRONICS				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		BM232120	BASICS OF ANATOMY & PHYSIOLOGY	T	3	
3		MA232432	APPLIED MATHEMATICS - II	P	3	
4		PH232442	APPLIED PHYSICS - II	P	2	
5		CH232452	APPLIED CHEMISTRY - II	P	2	
6		BM232460	ANATOMY PRACTICES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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Course Code		Course Name				Semester
1145		BIOMEDICAL ELECTRONICS				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1145233110	BASICS OF BIOSCIENCE	T	3	
2		1146233210	FUNDAMENTALS OF ELECTRIC CIRCUITS	T	3	
3		1145233320	BASICS OF BIOSCIENCE PRACTICE	P	2	
4		1040233420	DIGITAL ELECTRONICS PRACTICAL	P	2	
5		1146233540	ELECTRONIC CIRCUITS	P	4	
6		1146233640	SENSORS AND SIGNAL CONDITIONING	P	3	
7		1145233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		1145233886	HEALTH & WELLNESS	HW	1	

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Course Code		Course Name				Semester
1145		BIOMEDICAL ELECTRONICS				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1146234110	BIO-MATERIALS AND ARTIFICIAL ORGANS	T	3	
2		1146234210	OPERATIONAL AMPLIFIER AND LINEAR INTEGRATED CIRCUITS	T	3	
3		1145234340	BIO PHOTONICS	P	3	
4		1146234440	MICROCONTROLLER AND ITS APPLICATIONS	P	3	
5		1040234540	PROGRAMMING IN C	P	3	
6		1146234640	BASICS OF SIGNALS AND SYSTEMS	P	3	
7		1145234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

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Course Code		Course Name				Semester
1145		BIOMEDICAL ELECTRONICS				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1145235110	MODERN COMMUNICATION SYSTEMS	T	4	
2	1	1145235211	WEARABLE SYSTEMS	T	3	
2	2	1146235212	MEDICAL INFORMATICS	T	3	
2	3	1146235213	ASSIST DEVICES	T	3	
2	4	1145235214	BASICS OF MICROBIOLOGY	T	3	
2	5	1146235215	BASICS OF TELE HEALTH TECHNOLOGY	T	3	
2	6	1146235216	BASICS OF BIOMECHANICS	T	3	
3		1146235340	DIAGNOSTIC AND THERAPEUTIC EQUIPMENTS	P	3	
4		1145235440	BIO SIGNAL PROCESSING	P	3	
5	1	1145235541	FIBER OPTICS AND LASER IN MEDICINE	P	3	
5	2	1145235542	INSTALLATION, MAINTENANCE AND SAFETY HANDLING OF MEDICAL EQUIPMENT	P	3	
5	3	1146235543	CLINICAL PATHOLOGY	P	3	
5	4	1145235544	MEDICAL COMPUTING	P	3	
5	5	1040235545	INDUSTRIAL IOT	P	3	
5	6	1146235546	FUNDAMENTALS OF EMBEDDED SYSTEMS	P	3	
6		1145235652	INNOVATION & STARTUP@	P	2	
7		1145235773	HOSPITAL TRAINING / INDUSTRIAL TRAINING [SUMMER VACATION - 90 HOURS]	P	2	
8		1145235860	ADVANCED SKILLS CERTIFICATION - V	ASC	2	

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Course Code		Course Name				Semester
1145		BIOMEDICAL ELECTRONICS				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	6000236111	ADVANCED ENGINEERING MATHEMATICS	T	3	
1	2	6000236112	ENTREPRENEURSHIP	T	3	
1	3	1146236113	HOSPITAL MANAGEMENT	T	3	
1	4	6000236114	FINANCE FUNDAMENTALS	T	3	
1	5	1146236115	IOT IN HEALTH CARE	T	3	
1	6	1146236116	MEDICAL INSTRUMENTATION	T	3	
2	1	1145236231	FUNDAMENTALS OF WIRELESS COMMUNICATION	PT	3	
2	2	1146236232	RADIOLOGY	PT	3	
2	3	1146236233	MEDICAL DEVICE DESIGN	PT	3	
2	4	1145236234	FUNDAMENTALS OF MEDICAL LABORATORY INSTRUMENTS	PT	3	
2	5	1145236235	DIGITAL DESIGN USING VERILOG HDL	PT	3	
2	6	1146236236	CARDIOVASCULAR INVESTIGATION	PT	3	
3	1	1145236351	INTERNSHIP	P	12	
3	2	1145236353	FELLOWSHIP	P	12	
3	3	1145236374	IN-HOUSE PROJECT	P	12	

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Course Code		Course Name				Semester
1146		ECG TECHNOLOGY				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

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Course Code		Course Name				Semester
1146		ECG TECHNOLOGY				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		BM232120	BASICS OF ANATOMY & PHYSIOLOGY	T	3	
3		MA232432	APPLIED MATHEMATICS - II	P	3	
4		PH232442	APPLIED PHYSICS - II	P	2	
5		CH232452	APPLIED CHEMISTRY - II	P	2	
6		BM232460	ANATOMY PRACTICES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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Course Code		Course Name				Semester
1146		ECG TECHNOLOGY				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1146233110	HUMAN PHYSIOLOGY	T	3	
2		1146233210	FUNDAMENTALS OF ELECTRIC CIRCUITS	T	3	
3		1146233320	HUMAN PHYSIOLOGY PRACTICAL	P	2	
4		1040233420	DIGITAL ELECTRONICS PRACTICAL	P	2	
5		1146233540	ELECTRONIC CIRCUITS	P	4	
6		1146233640	SENSORS AND SIGNAL CONDITIONING	P	3	
7		1146233760			2	
8		1146233886	HEALTH & WELLNESS	HW	1	

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Course Code		Course Name				Semester
1146		ECG TECHNOLOGY				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1146234110	BIO-MATERIALS AND ARTIFICIAL ORGANS	T	3	
2		1146234210	OPERATIONAL AMPLIFIER AND LINEAR INTEGRATED CIRCUITS	T	3	
3		1146234340	MICROBIOLOGY	P	3	
4		1146234440	MICROCONTROLLER AND ITS APPLICATIONS	P	3	
5		1040234540	PROGRAMMING IN C	P	3	
6		1146234640	BASICS OF SIGNALS AND SYSTEMS	P	3	
7		1146234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

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Course Code		Course Name				Semester
1146		ECG TECHNOLOGY				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1146235110	MEDICAL ASSIST DEVICES	T	4	
2	1	1146235211	MEDICAL CODING	T	3	
2	2	1146235212	MEDICAL INFORMATICS	T	3	
2	3	1146235213	ASSIST DEVICES	T	3	
2	4	1146235214	BASICS OF CARDIAC TECHNOLOGY AND ECG	T	3	
2	5	1146235215	BASICS OF TELE HEALTH TECHNOLOGY	T	3	
2	6	1146235216	BASICS OF BIOMECHANICS	T	3	
3		1146235340	DIAGNOSTIC AND THERAPEUTIC EQUIPMENTS	P	3	
4		1146235440	CLINICAL CARDIOLOGY	P	3	
5	1	1146235541	FIBER OPTICS AND LASER IN CARDIOLOGY	P	3	
5	2	1146235542	INSTALLATION, SERVICING AND TROUBLESHOOTING OF ECG MACHINE	P	3	
5	3	1146235543	CLINICAL PATHOLOGY	P	3	
5	4	1146235544	MEDICAL IMAGING TECHNIQUES	P	3	
5	5	1146235545	BASICS OF VLSI DESIGN	P	3	
5	6	1146235546	FUNDAMENTALS OF EMBEDDED SYSTEMS	P	3	
6		1146235652	INNOVATION & STARTUP	P	2	
7		1146235773	HOSPITAL TRAINING/ INDUSTRIAL TRAINING	P	2	
8		1146235860	ADVANCED SKILLS CERTIFICATION - V	ASC	2	

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Course Code		Course Name				Semester
1146		ECG TECHNOLOGY				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	6000236111	ADVANCED ENGINEERING MATHEMATICS	T	3	
1	2	6000236112	ENTREPRENEURSHIP	T	3	
1	3	1146236113	HOSPITAL MANAGEMENT	T	3	
1	4	6000236114	FINANCE FUNDAMENTALS	T	3	
1	5	1146236115	IOT IN HEALTH CARE	T	3	
1	6	1146236116	MEDICAL INSTRUMENTATION	T	3	
2	1	1146236231	INTERPRETATION OF ECG	PT	3	
2	2	1146236232	RADIOLOGY	PT	3	
2	3	1146236233	MEDICAL DEVICE DESIGN	PT	3	
2	4	1146236234	BASICS OF BIO-CHEMISTRY	PT	3	
2	5	1146236235	BLOOD BANKING TECHNIQUES	PT	3	
2	6	1146236236	CARDIOVASCULAR INVESTIGATION	PT	3	
3	1	1146236351	INTERNSHIP	P	12	
3	2	1146236353	FELLOWSHIP	P	12	
3	3	1146236374	IN-HOUSE PROJECT	P	12	

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Course Code		Course Name				Semester
1147		DIGITAL MANUFACTURING TECHNOLOGIES (FULL TIME)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

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Course Code		Course Name				Semester
1147		DIGITAL MANUFACTURING TECHNOLOGIES (FULL TIME)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		DM232120	BASICS OF DIGITAL MANUFACTURING	T	3	
3		MA232431	APPLIED MATHEMATICS - I	P	3	
4		PH232441	APPLIED PHYSICS - I	P	2	
5		CH232451	APPLIED CHEMISTRY - I	P	2	
6		EP232460	BASIC ENGINEERING PRACTICES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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Course Code		Course Name				Semester
1147		DIGITAL MANUFACTURING TECHNOLOGIES (FULL TIME)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1020233110	MANUFACTURING PROCESS	T	3	
2		1147233210	INDUSTRIAL SAFETY AND ENVIRONMENTAL MANAGEMENT	T	3	
3		1147233340	MANUFACTURING PRACTICES	P	3	
4		1020233440	INDUSTRIAL DRIVES AND CONTROL	P	3	
5		1147233540	COMPUTER AIDED MACHINE DRAWING	P	3	
6		1147233674	PLANT INTERNSHIP - 7 QC TOOLS	P	2	
7		1147233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		1147233886	HEALTH & WELLNESS	HW	1	

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Course Code		Course Name				Semester
1147		DIGITAL MANUFACTURING TECHNOLOGIES (FULL TIME)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1020234110	ADVANCED MANUFACTURING TECHNOLOGY	T	3	
2		1147234210	BASICS OF MECHATRONICS ENGINEERING	T	3	
3		1147234340	INDUSTRY 4.0	P	3	
4		1020234440	SENSORS AND ACTUATORS	P	3	
5		1147234574	PLANT INTERNSHIP - LEAN MANUFACTURING	P	3	
6		1020234640	METROLOGY AND MEASUREMENTS	P	3	
7		1147234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

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Course Code		Course Name				Semester
1147		DIGITAL MANUFACTURING TECHNOLOGIES (FULL TIME)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1147235110	STATISTICAL QUALITY CONTROL	T	3	
2		1147235210	COMPUTER INTEGRATED MANUFACTURING	T	4	
3	1	1020235332	COMPOSITE MATERIALS	PT	3	
3	2	1020235335	GREEN MANUFACTURING	PT	3	
3	3	1020235336	LEAN MANUFACTURING	PT	3	
3	4	1147235331	TOTAL PRODUCTIVE MAINTENANCE	PT	3	
4		1147235440	COMPUTER INTEGRATED MANUFACTURING PRACTICAL	P	3	
5	1	1020235543	INDUSTRIAL IOT	P	3	
5	2	1020235545	INDUSTRIAL ROBOTICS	P	3	
5	3	1147235541	INDUSTRIAL AUTOMATION	P	3	
5	4	1147235542	DESIGN OF JIGS & FIXTURES	P	3	
6		1147235654	INNOVATION & STARTUP	P	2	
7		1147235773	INDUSTRIAL TRAINING	P	2	
8		1147235860	ADVANCED SKILLS CERTIFICATION - V	ASC	2	

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Course Code		Course Name				Semester
1147		DIGITAL MANUFACTURING TECHNOLOGIES (FULL TIME)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	6000236111	ADVANCED ENGINEERING MATHEMATICS	T	3	
1	2	6000236112	ENTREPRENEURSHIP	T	3	
1	3	6000236113	PROJECT MANAGEMENT	T	3	
1	4	6000236114	FINANCE FUNDAMENTALS	T	3	
1	5	1147236115			3	
1	6	1020236116	ADDITIVE MANUFACTURING	T	3	
1	7	1147236117			3	
2	1	1147236241			3	
2	2	1020236242	MAINTENANCE OF MACHINE TOOLS	P	3	
2	3	1020236243	NON-DESTRUCTIVE TESTING	P	3	
2	4	1020236245	PRODUCT DESIGN & DEVELOPMENT	P	3	
2	5	1020236247	REVERSE ENGINEERING	P	3	
3	1	1147236351	INTERNSHIP	P	12	
3	2	1147236353	FELLOWSHIP	P	12	
3	3	1147236374	IN-HOUSE PROJECT WORK	P	12	

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Course Code		Course Name				Semester
1202		PRINTING TECHNOLOGY (FULL TIME)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

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Course Code		Course Name				Semester
1202		PRINTING TECHNOLOGY (FULL TIME)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		PT232120	BASICS OF PRINTING & PAPER TECHNOLOGY	T	3	
3		MA232431	APPLIED MATHEMATICS - I	P	3	
4		PH232441	APPLIED PHYSICS - I	P	2	
5		CH232451	APPLIED CHEMISTRY - I	P	2	
6		EP232460	BASIC ENGINEERING PRACTICES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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Course Code		Course Name				Semester
1202		PRINTING TECHNOLOGY (FULL TIME)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1202233110	PRINTING PROCESSES	T	3	
2		1202233230	DIGITAL PREPRESS	PT	4	
3		1202233320	IMAGE MANIPULATION	P	2	
4		1202233440	DESKTOP PUBLISHING FOR PRINT PRODUCTION	P	3	
5		1202233540	PRINT FINISHING	P	3	
6		1202233640	GRAPHIC DESIGN	P	3	
7		1202233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		1202233886	HEALTH & WELLNESS	HW	1	

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Course Code		Course Name				Semester
1202		PRINTING TECHNOLOGY (FULL TIME)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1202234110	GRAVURE, FLEXOGRAPHY AND SCREEN PRINTING	T	4	
2		1202234230	OFFSET PRINTING AND CONVERTING OPERATIONS	PT	4	
3		1202234320	VISUAL COMMUNICATION DESIGN	P	2	
4		1202234440	PRINTED PRODUCTS DESIGN	P	3	
5		1202234540	DIGITAL PRINTING	P	3	
6		1202234640	PRINTING MATERIALS TESTING	P	3	
7		1202234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	
12		1202234886	HEALTH & WELLNESS	-	30	

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Course Code		Course Name				Semester
1202		PRINTING TECHNOLOGY (FULL TIME)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1202235110	ADVANCED PRINTING TECHNOLOGIES	T	3	
2		1202235230	PACKAGING TECHNOLOGY	PT	4	
3	1	1202235331	CROSS MEDIA PUBLISHING	PT	3	
3	2	1202235332	PAPER TECHNOLOGY	PT	3	
3	3	1202235333	PRINT FINISHING AND CONVERTING	PT	3	
3	4	1202235334	COLOR MANAGEMENT	PT	3	
3	5	1202235335	NEWSPAPER PUBLISHING	PT	3	
3	6	1202235336	COLOR AND ITS REPRODUCTION	PT	3	
4		1202235440	PACKAGING DESIGN	P	3	
5	1	1202235541	PRINT QUALITY CONTROL AND TESTING	P	3	
5	2	1202235542	WEB OFFSET PRINTING	P	3	
5	3	1202235543	SECURITY PRINTING	P	3	
5	4	1202235544	COLOR AND ITS REPRODUCTION	P	3	
5	5	1202235545	FOOD PACKAGING	P	3	
5	6	1202235546	CORRUGATED PACKAGING AND TESTING	P	3	
5	7	1202235547	INK KITCHEN MANAGEMENT	P	3	
6		1202235654	INNOVATION & STARTUP	P	2	
7		1202235773	INDUSTRIAL TRAINING	P	2	

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Course Code		Course Name				Semester	
1202		PRINTING TECHNOLOGY (FULL TIME)				5	
Column Number	Elec	Subject Code	Subject Name			Subject Type	Credits
8		1202235860	ADVANCED SKILLS CERTIFICATION - 5			ASC	2

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Course Code		Course Name				Semester
1202		PRINTING TECHNOLOGY (FULL TIME)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	6000236111	ADVANCED ENGINEERING MATHEMATICS	T	3	
1	2	6000236112	ENTREPRENEURSHIP	T	3	
1	3	6000236113	PROJECT MANAGEMENT	T	3	
1	4	6000236114	FINANCE FUNDAMENTALS	T	3	
1	5	1020236115	INDUSTRY 4.0	T	3	
1	6	1202236116	TOTAL QUALITY MANAGEMENT	T	3	
1	7	1202236117	PRINTING PRESS MANAGEMENT	T	3	
1	8	1202236241	PRINTING MACHINERY MAINTENANCE	P	3	
2	1	1202236242	PRINTING MACHINERY MAINTENANCE	P	3	
2	2	1202236243	SALES AND MARKETING MANAGEMENT	P	3	
2	3	1202236244	RIGID PACKAGING	P	3	
2	4	1202236245	INK TECHNOLOGY	P	3	
2	5	1202236246	PRINT PRODUCTION PLANNING AND CONTROL	P	3	
2	6	1202236247	PRINT PRODUCTION PLANNING AND CONTROL	P	3	
2	7	1202236248	PRINTING INDUSTRIAL ENGINEERING	P	3	
3	1	1202236351	INTERNSHIP	P	12	
3	2	1202236353	INTERNSHIP	P	12	
3	3	1202236374	IN-HOUSE PROJECT WORK	P	12	

GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester	
1202		PRINTING TECHNOLOGY (FULL TIME)				6	
Column Number	Elec	Subject Code	Subject Name			Subject Type	Credits
3	4	2020234274	INDUSTRIAL TRAINING (SW)			P	12
3	5	2020237274	-			P	12

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GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester
1214		HOTEL MANAGEMENT AND CATERING TECHNOLOGY (FULL TIME)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		1214231210	ACCOMMODATION OPERATION	T	4	
3		1214231330	FRONT OFFICE OPERATION	PT	4	
4		1214231430	HOSPITALITY ACCOUNTS	PT	2	
5		1214231520	ACCOMMODATION OPERATION	P	2	
6		1214231620	FRONT OFFICE OPERATION	P	2	
7		1214231740	HOSPITALITY COMMUNICATION	P	2	
8		1214231840	FUNDAMENTALS OF COMPUTERS	P	2	

GOVERNMENT OF TAMIL NADU
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SUBJECT LIST (R2023)

Course Code		Course Name				Semester
1214		HOTEL MANAGEMENT AND CATERING TECHNOLOGY (FULL TIME)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		1214232210	FOOD PRODUCTION AND PÂTISSERIE	T	4	
3		1214232310	FOOD BEVERAGE AND SERVICE	T	4	
4		1214232430	FOOD SAFETY AND NUTRITION	PT	2	
5		1214232530	PERSONALITY DEVELOPMENT	PT	2	
6		1214232620	FOOD PRODUCTION AND PÂTISSERIE PRACTICAL	P	2	
7		1214232720	FOOD AND BEVERAGE SERVICE	P	2	
8		1214232840	PROPERTY MANAGEMENT SYSTEM	P	2	
9		1214232860	DIGITAL SKILLS FOR EMPLOYABILITY	ASC	2	

GOVERNMENT OF TAMIL NADU
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SUBJECT LIST (R2023)

Course Code		Course Name				Semester
1214		HOTEL MANAGEMENT AND CATERING TECHNOLOGY (FULL TIME)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1214233110	QUANTITY FOOD PRODUCTION	T	4	
2		1214233210	BEVERAGE SERVICE	T	4	
3		1214233330	ADVANCED ACCOMMODATION OPERATION	PT	2	
4		1214233430	ADVANCED FRONT OFFICE OPERATION	PT	2	
5		1214233520	QUANTITY FOOD PRODUCTION	P	2	
6		1214233620	BEVERAGE SERVICE	P	2	
7		1214233740	ADVANCED ACCOMMODATION OPERATION	P	2	
8		1214233820	ADVANCED FRONT OFFICE OPERATION	P	2	
9		1214233920	ENGLISH COMMUNICATION	P	2	

GOVERNMENT OF TAMIL NADU
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Course Code		Course Name				Semester	
1214		HOTEL MANAGEMENT AND CATERING TECHNOLOGY (FULL TIME)				4	
Column Number	Elec	Subject Code	Subject Name			Subject Type	Credits
1		1214234173	INDUSTRIAL TRAINING			P	17

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GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester
1214		HOTEL MANAGEMENT AND CATERING TECHNOLOGY (FULL TIME)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1214235110	ADVANCED CULINARY ARTS	T	4	
2		1214235210	FOOD & BEVERAGE MANAGEMENT	T	4	
3		1214235330	ACCOMMODATION MANAGEMENT	T	2	
4	1	1214235411	GARDEMANGER	T	3	
4	2	1214235412	BAR MANAGEMENT	T	3	
4	3	1214235413	MARKETING AND SALES	T	3	
5		1214235520	ADVANCED CULINARY ARTS	P	2	
6		1214235620	FOOD & BEVERAGE MANAGEMENT	P	2	
7		1214235720	ENTREPRENEURSHIP AND STARTUPS	P	2	
8		1214235820	FRENCH & HINDI COMMUNICATION	P	2	

GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester
1214		HOTEL MANAGEMENT AND CATERING TECHNOLOGY (FULL TIME)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
0	1	1214236110	FRONT OFFICE MANAGEMENT	T	4	
0	2	1214236210	PRINCIPLES OF MANAGEMENT	T	4	
0	3	1214236330	TOURISM MANAGEMENT	T	2	
4	1	1214236411	SPECIALIZED CULINARY SKILLS & MANAGEMENT	T	3	
4	2	1214236412	SPECIALIZED SERVICE SKILLS & MANAGEMENT	T	3	
4	3	1214236413	E-II SPECIALIZED ACCOMMODATION MANAGEMENT		3	
5		1214236520	FRONT OFFICE MANAGEMENT	P	2	
6	1	1214236621	E-II SPECIALIZED CULINARY SKILLS & MANAGEMENT	P	2	
6	2	1214236622	E-II SPECIALIZED SERVICE SKILLS & MANAGEMENT	P	2	
6	3	1214236623	E-II SPECIALIZED ACCOMMODATION MANAGEMENT	P	2	
7		1214236720	PROJECT WORK AND INTERNSHIP	P	2	
8		1214236840	ENGLISH COMMUNICATION	P	2	

GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester
1220		MECHANICAL ENGINEERING (TOOL AND DIE) (FULL TIME)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

**GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
1220		MECHANICAL ENGINEERING (TOOL AND DIE) (FULL TIME)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		ME232120	BASICS OF MECHANICAL ENGINEERING	T	3	
3		MA232431	APPLIED MATHEMATICS - I	P	3	
4		PH232441	APPLIED PHYSICS - I	P	2	
5		CH232451	APPLIED CHEMISTRY - I	P	2	
6		EP232460	BASIC ENGINEERING PRACTICES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester	
1220		MECHANICAL ENGINEERING (TOOL AND DIE) (FULL TIME)				3	
Column Number	Elec	Subject Code	Subject Name			Subject Type	Credits
2		1020233230	STRENGTH OF MATERIALS			PT	4

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GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester
1220		MECHANICAL ENGINEERING (TOOL AND DIE) (FULL TIME)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1220234110	TOOM ROOM SPECIAL MACHINES	T	3	
2		1220234210	PRESS TOOL	T	3	
3		1220234340	FLUID POWER & THERMAL ENGINEERING	P	4	
4		1220234420	SPECIAL MACHINES PRACTICAL	P	2	
5		1220234520	PRESS TOOL MAKING PRACTICAL	P	3	
6	1	1220234641	INDUSTRIAL AUTOMATION	P	3	
6	2	1020234440	SENSORS AND ACTUATORS	P	3	
6	3	1020234540	HEAT POWER ENGINEERING	P	3	
7		1220234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

GOVERNMENT OF TAMIL NADU
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Course Code		Course Name				Semester
1220		MECHANICAL ENGINEERING (TOOL AND DIE) (FULL TIME)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1220235130	JIG, FIXTURE & GAUGES	PT	4	
2		1220235210	PLASTIC MOULDING TECHNOLOGY	T	3	
3		1220235330	TOOL DESIGN & DRAWING	PT	3	
4		1220235420	PLASTIC MOULD MAKING PRACTICAL	P	2	
5	1	1020235541	CNC PROGRAMMING	P	3	
5	2	1020235543	INDUSTRIAL IOT	P	3	
5	3	1020235544	ADVANCED WELDING TECHNOLOGIES	P	3	
5	4	1020235545	INDUSTRIAL ROBOTICS	P	3	
5	5	1020235546	HVAC SYSTEMS AND COMPONENTS	P	3	
6		1220235654	INNOVATION AND STARTUP	P	2	
7		1220235773	INDUSTRIAL TRAINING	P	2	
8		1220235860	ADVANCED SKILLS CERTIFICATION	ASC	2	

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Course Code		Course Name				Semester
1220		MECHANICAL ENGINEERING (TOOL AND DIE) (FULL TIME)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1220236110	FORGING DIES, DIE CASTING DIES & DIE MAINTENANCE	T	3	
1	1	6000236111	ADVANCED ENGINEERING MATHEMATICS	T	3	
1	2	6000236112	ENTREPRENEURSHIP	T	3	
1	3	1221236113	APPLICATIONS OF HVAC SYSTEM	T	3	
1	4	6000236114	FINANCE FUNDAMENTALS	T	3	
1	5	1020236115	INDUSTRY 4.0	T	3	
1	6	1020236116	ADDITIVE MANUFACTURING	T	3	
1	7	1020236117	POWER PLANT ENGINEERING	T	3	
2	1	1220236211	INDUSTRIAL ENGINEERING	T	3	
2	2	1220236212	TOTAL QUALITY MANAGEMENT	T	3	
2	3	6000236112	ENTREPRENEURSHIP	T	3	
2	4	6000236113	PROJECT MANAGEMENT	T	3	
2	5	1020236115	INDUSTRY 4.0	T	3	
3	1	1220236351	INTERNSHIP	P	12	
3	2	1220236353	FELLOWSHIP	P	12	
3	3	1220236374	IN-HOUSEPROJECT	P	12	

GOVERNMENT OF TAMIL NADU
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Course Code		Course Name				Semester
1221		MECHANICAL ENGINEERING (REFRIGERATION & AIR-CONDITIONING) (FT)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester
1221		MECHANICAL ENGINEERING (REFRIGERATION & AIR-CONDITIONING) (FT)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		ME232120	BASICS OF MECHANICAL ENGINEERING	T	3	
3		MA232431	APPLIED MATHEMATICS - I	P	3	
4		PH232441	APPLIED PHYSICS - I	P	2	
5		CH232451	APPLIED CHEMISTRY - I	P	2	
6		EP232460	BASIC ENGINEERING PRACTICES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

**GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
1221		MECHANICAL ENGINEERING (REFRIGERATION & AIR-CONDITIONING) (FT)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1221233110	BASIC MANUFACTURING TECHNOLOGY	T	3	
2		1221233230	ENGINEERING THERMODYNAMICS	PT	4	
3		1221233340	MECHANICS OF MATERIALS	P	3	
4		1020233440	INDUSTRIAL DRIVES AND CONTROL	P	3	
5		1221233540	R&A/C WORKSHOP	P	3	
6		1221233620	BASIC MANUFACTURING TECHNOLOGY PRACTICAL	P	2	
7		1020233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		1020233886	HEALTH & WELLNESS	HW	1	

GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester
1221		MECHANICAL ENGINEERING (REFRIGERATION & AIR-CONDITIONING) (FT)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1221234110	REFRIGERATION	T	3	
2		1221234230	FLUID MECHANICS AND MACHINES	PT	3	
3		1221234340	HVAC CAD DRAWING	P	3	
4		1020234440	SENSORS AND ACTUATORS	P	3	
5		1221234520	REFRIGERATION PRACTICAL	P	2	
6		1020234640	METROLOGY AND MEASUREMENTS	P	3	
7		1020234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester
1221		MECHANICAL ENGINEERING (REFRIGERATION & AIR-CONDITIONING) (FT)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1221235130	AIR CONDITIONING	PT	4	
2		1020235230	INDUSTRIAL ENGINEERING AND MANAGEMENT	PT	4	
3	1	1221235311	HEATING SYSTEM	T	3	
3	2	1221235312	HVAC MACHINES	T	3	
3	3	1221235313	CRYOGENIC ENGINEERING	T	3	
3	4	1221235314	FOOD PROCESSING AND PRESERVATION	T	3	
3	5	1221235315	TRANSPORT AND SPECIAL APPLICATION OF HVAC	T	3	
4		1221235420	HVAC MACHINES PRACTICAL	P	2	
5	1	1221235541	HVAC MACHINE SERVICE PRACTICE	P	3	
5	2	1020235542	SYSTEMS APPLICATIONS AND PRODUCT (SAP)	P	3	
5	3	1020235543	INDUSTRIAL IOT	P	3	
5	4	1221235544	COMPUTER INTEGRATED MANUFACTURING	P	3	
5	5	1020235545	INDUSTRIAL ROBOTICS	P	3	
6		1020235654	INNOVATION & STARTUP	P	2	
7		1020235773	INDUSTRIAL TRAINING	P	2	
8		1020235860	ADVANCED SKILLS CERTIFICATION - V	ASC	2	

GOVERNMENT OF TAMIL NADU
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SUBJECT LIST (R2023)

Course Code		Course Name				Semester
1221		MECHANICAL ENGINEERING (REFRIGERATION & AIR-CONDITIONING) (FT)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	6000236111	ADVANCED ENGINEERING MATHEMATICS	T	3	
1	2	6000236112	ENTREPRENEURSHIP	T	3	
1	3	1221236113	APPLICATIONS OF HVAC SYSTEM	T	3	
1	4	6000236114	FINANCE FUNDAMENTALS	T	3	
1	5	1020236115	INDUSTRY 4.0	T	3	
1	6	1020236116	ADDITIVE MANUFACTURING	T	3	
1	7	1020236117	POWER PLANT ENGINEERING	T	3	
2	1	1020236241	MEP EQUIPMENT SERVICING	P	3	
2	2	1020236242	MAINTENANCE OF MACHINE TOOLS	P	3	
2	3	1020236243	NON-DESTRUCTIVE TESTING	P	3	
2	4	1221236244	AUTOMOBILE ENGINEERING	P	3	
2	5	1020236245	PRODUCT DESIGN & DEVELOPMENT	P	3	
2	6	1221236246	HEAT TRANSFER IN HVAC SYSTEM	P	3	
2	7	1020236247	REVERSE ENGINEERING	P	3	
2	8	1020236248	GREEN ENERGY & ENGINEERING	P	3	
3	1	1221236351	INTERNSHIP	P	12	
3	2	1221236353	FELLOWSHIP	P	12	
3	3	1221236374	IN-HOUSE PROJECT WORK	P	12	

GOVERNMENT OF TAMIL NADU
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Course Code		Course Name				Semester	
1221		MECHANICAL ENGINEERING (REFRIGERATION & AIR-CONDITIONING) (FT)				6	
Column Number	Elec	Subject Code	Subject Name			Subject Type	Credits
6		1020236116	ADDITIVE MANUFACTURING			T	3

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GOVERNMENT OF TAMIL NADU
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SUBJECT LIST (R2023)

Course Code		Course Name				Semester
1222		AGRICULTURAL TECHNOLOGY (FULL TIME)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

GOVERNMENT OF TAMIL NADU
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Course Code		Course Name				Semester
1222		AGRICULTURAL TECHNOLOGY (FULL TIME)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		ME232120	BASICS OF MECHANICAL ENGINEERING	T	3	
3		MA232431	APPLIED MATHEMATICS - I	P	3	
4		PH232441	APPLIED PHYSICS - I	P	2	
5		CH232451	APPLIED CHEMISTRY - I	P	2	
6		EP232460	BASIC ENGINEERING PRACTICES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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Course Code		Course Name				Semester
1222		AGRICULTURAL TECHNOLOGY (FULL TIME)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1023233110	SOIL AND WATER CONSERVATION	T	3	
2		1023233230	ENGINEERING MECHANICS	PT	4	
3		1010233340	SURVEYING PRACTICE	P	3	
4		1020233440	INDUSTRIAL DRIVES AND CONTROL	P	3	
5		1023233540	MACHINE DRAWING & CAD	P	3	
6		1023233640	PRINCIPLES OF CROP PRODUCTION	P	3	
7		1023233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		1023233886	HEALTH & WELLNESS	HW	1	

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Course Code		Course Name				Semester
1222		AGRICULTURAL TECHNOLOGY (FULL TIME)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1023234110	IRRIGATION ENGINEERING	T	3	
2		1023234210	FLUID MECHANICS	T	3	
3		1023234330	POST HARVEST TECHNOLOGY	PT	4	
4		1023234520	FLUID MECHANICS PRACTICAL	P	2	
5		1023234620	FARM STRUCTURAL DRAWING	P	2	
6		1023234640	MACHINE SHOP PRACTICE	P	3	
7		1023234760	ADVANCED SKILL CERTIFICATION - IV	ASC	2	
12		1023233886	HEALTH & WELLNESS	HW	1	

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Course Code		Course Name				Semester
1222		AGRICULTURAL TECHNOLOGY (FULL TIME)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1023235110	FARM TRACTOR THEORY	T	4	
2		1023235210	FARM MACHINERY THEORY	T	4	
3	1	1023235331	FOOD PROCESS ENGINEERING	PT	4	
3	2	1023235332	SUGARCANE CROP PRODUCTION	PT	4	
3	3	1023235333	GREEN ENERGY SOURCE	PT	4	
4		1023235420	FARM TRACTOR PRACTICAL	P	2	
5		1023235520	FARM MACHINERY PRACTICAL	P	2	
6		1023235654	INNOVATION & STARTUP	P	2	
7		1023235773	INDUSTRIAL TRAINING	P	2	
8		1023235860	ADVANCED SKILLS CERTIFICATION - V	ASC	2	

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SUBJECT LIST (R2023)

Course Code		Course Name				Semester
1222		AGRICULTURAL TECHNOLOGY (FULL TIME)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	6000236111	ADVANCED ENGINEERING MATHEMATICS	T	3	
1	2	6000236112	ENTREPRENEURSHIP	T	3	
1	3	6000236113	PROJECT MANAGEMENT	T	3	
1	4	6000236114	FINANCE FUNDAMENTALS	T	3	
1	5	1023236115	DAIRY ENGINEERING	T	3	
1	6	1023236116	MANUFACTURING ENGINEERING	T	3	
1	7	1023236117	REFRIGERATION & STORAGE	T	3	
2	1	1023236221	DAIRY ENGINEERING PRACTICAL	P	2	
2	2	1023236222	MANUFACTURING ENGINEERING PRACTICAL	P	2	
2	3	1023236223	REFRIGERATION & AIR CONDITIONING PRACTICAL	P	2	
3	1	1023236351	INTERNSHIP	P	12	
3	2	1023236352	FELLOWSHIP	P	12	
3	3	1023236374	IN-HOUSE PROJECT WORK	P	12	

**GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
1223		FASHION TECHNOLOGY (FULL TIME)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

GOVERNMENT OF TAMIL NADU
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Course Code		Course Name				Semester
1223		FASHION TECHNOLOGY (FULL TIME)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		TT232120	BASICS OF TEXTILE TECHNOLOGY	T	3	
3		MA232431	APPLIED MATHEMATICS - I	P	3	
4		PH232441	APPLIED PHYSICS - I	P	2	
5		CH232451	APPLIED CHEMISTRY - I	P	2	
6		GT232460	APPAREL MACHINERY ENGINEERING PRACTIE	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
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Course Code		Course Name				Semester
1223		FASHION TECHNOLOGY (FULL TIME)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1226233110	ARTS OF SKETCHING AND DRAWING	T	4	
2		1066233210	FASHION DESIGNING	T	3	
3		1066233310	APPAREL DESIGNING	T	3	
4		1066233420	SURFACE ORNAMENTATION	P	3	
5		1066233520	FASHION ILLUSTRATION	P	2	
6		1066233620	BASIC GARMENT CONSTRUCTION	P	3	
7		1223233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		1223233956	HEALTH & WELLNESS	HW	1	

GOVERNMENT OF TAMIL NADU
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Course Code		Course Name				Semester
1223		FASHION TECHNOLOGY (FULL TIME)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1066234110	APPAREL QUALITY CONTROL	T	3	
2		1066234210	GARMENT MACHINERY AND EQUIPMENT	T	3	
3		1066234320	CHILDREN GARMENT CONSTRUCTION	P	3	
4		1066234420	GARMENT CONSTRUCTION OF BOYS & GIRLS	P	3	
5		1223234520	FASHION CAD	P	2	
6		1066234640	GARMENT PATTERN DRAFTING I	P	3	
7		1223234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

GOVERNMENT OF TAMIL NADU
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SUBJECT LIST (R2023)

Course Code		Course Name				Semester
1223		FASHION TECHNOLOGY (FULL TIME)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1066235110	APPAREL MERCHANDISING @	T	4	
2		1226235210	FASHION CONCEPTS AND DESIGN TECHNIQUE	T	4	
3		1066235320	GARMENT PATTERN DRAFTING	P	2	
4	1	1066235421	ADVANCED GARMENT CONSTRUCTION	P	3	
4	2	1226235422	DESIGNING OF HOME TEXTILES	P	3	
4	3	1066235423	GARMENT CAD	P	3	
5	1	1066235541	CHEMICAL PROCESSING AND TESTING OF TEXTILES	P	3	
5	2	1066235542	GARMENT LAUNDERING AND MAINTENANCE	P	3	
5	3	1066235543	INDIAN AND WESTERN COSTUME	P	3	
6		1223235654	INNOVATION & STARTUP	P	2	
7		1223235773	INDUSTRIAL TRAINING	P	2	
8		1223235860	ADVANCED SKILLS CERTIFICATION-5	ASC	2	
12		1223235957	SPECIAL INTEREST GROUPS (PLACEMENT TRAINING)	-	2	

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Course Code		Course Name				Semester
1223		FASHION TECHNOLOGY (FULL TIME)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	6000236111	ADVANCED ENGINEERING MATHEMATICS	T	3	
1	2	6000236112	ENTREPRENEURSHIP	T	3	
1	3	6000236113	PROJECT MANAGEMENT	T	3	
1	4	6000236114	FINANCE FUNDAMENTALS	T	3	
1	5	1066236115	GARMENT INDUSTRY MANAGEMENT	T	3	
2	1	1066236241	FASHION DRAPING	P	3	
2	2	1066236242	KNITWEAR TECHNOLOGY	P	3	
2	3	1066236243	PATTERN GRADING AND ALTERATION	P	3	
3	1	1223236351	INTERNSHIP	P	12	
3	2	1223236353	FELLOWSHIP	P	12	
3	3	1223236374	IN-HOUSEPROJECT	P	12	

**GOVERNMENT OF TAMIL NADU
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SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
1224		TEXTILE TECHNOLOGY (TEXTILE DESIGN AND WEAVING)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

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Course Code		Course Name				Semester
1224		TEXTILE TECHNOLOGY (TEXTILE DESIGN AND WEAVING)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		TT232120	BASICS OF TEXTILE TECHNOLOGY	T	3	
3		MA232431	APPLIED MATHEMATICS - I	P	3	
4		PH232441	APPLIED PHYSICS - I	P	2	
5		CH232451	APPLIED CHEMISTRY - I	P	2	
6		TT232460	BASICS OF TEXTILE MACHINERIES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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SUBJECT LIST (R2023)

Course Code		Course Name				Semester
1224		TEXTILE TECHNOLOGY (TEXTILE DESIGN AND WEAVING)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1224233110	FIBRE SCIENCE AND YARN MANUFACTURE	T	3	
2		1224233210	WOVEN FABRIC MANUFACTURE - I	T	3	
3		1224233310	BASICS OF TEXTILE DESIGNS	T	4	
4		1224233420	FIBRE IDENTIFICATION	P	2	
5		1224233520	FABRIC MANUFACTURE - I	P	3	
6		1224233620	FUNDAMENTALS OF TEXTILE DESIGNS	P	3	
7		1224233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		1224233886	HEALTH & WELLNESS	HW	1	

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Course Code		Course Name				Semester
1224		TEXTILE TECHNOLOGY (TEXTILE DESIGN AND WEAVING)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1060234110	FABRIC STRUCTURE	T	4	
2		1224234210	WOVEN FABRIC MANUFACTURE - II	T	4	
3		1224234320	FABRIC ANALYSIS	P	2	
4		1224234420	FABRIC MANUFACTURE	P	3	
5		1224234520	FASHION DESIGN AND HOME TEXTILE	P	3	
6		1224234640	COLOUR AND WEAVE EFFECTS	P	3	
7		1224234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

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Course Code		Course Name				Semester
1224		TEXTILE TECHNOLOGY (TEXTILE DESIGN AND WEAVING)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1060235110	TEXTILE TESTING	T	3	
2		1224235210	MODERN WEAVING TECHNOLOGY	T	4	
3		1061235320	PHYSICAL TESTING OF TEXTILES	P	3	
4	1	1224235421	TEXTILE WET PROCESSING	P	3	
4	2	1224235422	PRINTED TEXTILE DESIGNS	P	3	
4	3	1224235423	SHUTTLE LESS WEAVING	P	3	
5	1	1224235541	GARMENT MANUFACTURE	P	3	
5	2	1224235542	KNITTED FABRIC ANALYSIS	P	3	
5	3	1224235543	TEXTILE CAD	P	3	
6		1224235654	INNOVATION & STARTUP	P	2	
7		1224235773	INDUSTRIAL TRAINING	P	2	
8		1224235860	ADVANCED SKILLS CERTIFICATION - 5	ASC	2	

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Course Code		Course Name				Semester
1224		TEXTILE TECHNOLOGY (TEXTILE DESIGN AND WEAVING)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	6000236111	ADVANCED ENGINEERING MATHEMATICS	T	3	
1	2	6000236112	ENTREPRENEURSHIP	T	3	
1	3	1060236113	TEXTILE MANAGEMENT AND INDUSTRIAL ENGINEERING	T	3	
2	1	1066236241	FASHION DRAPING	P	3	
2	2	1224236242	PROCESS CONTROL IN WEAVING	P	3	
2	3	1224236243	JACQUARD DESIGNS	P	3	
3	1	1224236351	INTERNSHIP	P	12	
3	2	1224236353	FELLOWSHIP	P	12	
3	3	1224236374	IN-HOUSE PROJECT	P	12	

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Course Code		Course Name				Semester
1225		TEXTILE TECHNOLOGY (MAN MADE FIBRE)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

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SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
1225		TEXTILE TECHNOLOGY (MAN MADE FIBRE)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		TT232120	BASICS OF TEXTILE TECHNOLOGY	T	3	
3		MA232431	APPLIED MATHEMATICS - I	P	3	
4		PH232441	APPLIED PHYSICS - I	P	2	
5		CH232451	APPLIED CHEMISTRY - I	P	2	
6		TT232460	BASICS OF TEXTILE MACHINERIES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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Course Code		Course Name				Semester
1225		TEXTILE TECHNOLOGY (MAN MADE FIBRE)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1225233110	TEXTILE NATURAL FIBRES	T	4	
2		1061233210	PRETREATMENT FOR TEXTILE COLOURATION	T	3	
3		1225233310	BASICS OF GARMENT DESIGNING	T	3	
4		1225233420	ANALYSIS OF TEXTILE NATURAL FIBRES	P	2	
5		1061233520	CHEMICAL PREPARATORY PROCESSES FOR TEXTILES	P	3	
6		1225233620	BASIC SEWING TECHNIQUE	P	3	
7		1225233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		1225233886	HEALTH & WELLNESS	HW	1	

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Course Code		Course Name				Semester
1225		TEXTILE TECHNOLOGY (MAN MADE FIBRE)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1225234110	TEXTILE SYNTHETIC FIBRES	T	4	
2		1225234210	COLOURATION OF MAN-MADE TEXTILES	T	4	
3		1225234320	ANALYSIS OF TEXTILE SYNTHETIC FIBRE	P	2	
4		1061234420	TEXTILE PRINTING TECHNIQUES	P	3	
5		1225234520	DYEING OF MANMADE TEXTILES	P	3	
6		1061234640	TEXTILE MANUFACTURING TECHNOLOGY	P	3	
7		1225234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

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Course Code		Course Name				Semester
1225		TEXTILE TECHNOLOGY (MAN MADE FIBRE)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1060235110	TEXTILE TESTING	T	3	
2		1225235210	APPAREL PRODUCTION AND QUALITY CONTROL	T	4	
3		1061235320	PHYSICAL TESTING OF TEXTILES	P	3	
4	1	1225235441	TEXTILE FINISHING FOR NATURAL AND MAN MADE TEXTILES	P	3	
4	2	1064235442	FABRIC CARE AND MAINTENANCE @	P	3	
4	3	1225235443	QUALITY ASSURANCE IN MAN MADE TEXTILE PROCESSING	P	3	
5	1	1225235541	FASHION DRAPING TECHNIQUES	P	3	
5	2	1225235542	GARMENT PATTERN ENGINEERING	P	3	
5	3	1225235543	HOME FURNISHING	P	3	
6		1225235654	INNOVATION & STARTUP	P	2	
7		1225235773	INDUSTRIAL TRAINING	P	2	
8		1225235860	ADVANCED SKILLS CERTIFICATION - 5	ASC	2	

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Course Code		Course Name				Semester
1225		TEXTILE TECHNOLOGY (MAN MADE FIBRE)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	6000236111	ADVANCED ENGINEERING MATHEMATICS	T	3	
1	2	6000236112	ENTREPRENEURSHIP	T	3	
1	3	1060236113	TEXTILE MANAGEMENT AND INDUSTRIAL ENGINEERING	T	3	
2	1	1225236241	GARMENT CONSTRUCTION	P	3	
2	2	1061236242	ADVANCED TEXTILE PROCESSING	P	3	
2	3	1061236243	NON-WOVEN AND TECHNICAL TEXTILE	P	3	
3	1	1225236351	INTERNSHIP	P	12	
3	2	1225236353	FELLOWSHIP	P	12	
3	3	1225236374	IN-HOUSEPROJECT	P	12	

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Course Code		Course Name				Semester
1226		APPLIED ARTS AND CRAFTS (FASHION AND APPAREL DESIGN)(FULL TIME)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

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Course Code		Course Name				Semester
1226		APPLIED ARTS AND CRAFTS (FASHION AND APPAREL DESIGN)(FULL TIME)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		TT232120	BASICS OF TEXTILE TECHNOLOGY	T	3	
3		MA232431	APPLIED MATHEMATICS - I	P	3	
4		PH232441	APPLIED PHYSICS - I	P	2	
5		CH232451	APPLIED CHEMISTRY - I	P	2	
6		GT232460	APPAREL MACHINERY ENGINEERING PRACTIE	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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Course Code		Course Name				Semester
1226		APPLIED ARTS AND CRAFTS (FASHION AND APPAREL DESIGN)(FULL TIME)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1226233110	ARTS OF SKETCHING AND DRAWING	T	4	
2		1066233210	FASHION DESIGNING	T	3	
3		1066233310	APPAREL DESIGNING	T	3	
4		1066233420	SURFACE ORNAMENTATION	P	3	
5		1066233520	FASHION ILLUSTRATION	P	2	
6		1066233620	BASIC GARMENT CONSTRUCTION	P	3	
7		1226233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		1226233956	HEALTH & WELLNESS	HW	1	

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Course Code		Course Name				Semester
1226		APPLIED ARTS AND CRAFTS (FASHION AND APPAREL DESIGN)(FULL TIME)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1066234110	APPAREL QUALITY CONTROL	T	4	
2		1066234210	GARMENT MACHINERY AND EQUIPMENT	T	4	
3		1066234320	CHILDREN GARMENT CONSTRUCTION	P	3	
4		1066234420	GARMENT CONSTRUCTION OF BOYS & GIRLS	P	3	
5		1226234520	HANDICRAFTS AND APPLICATIONS	P	3	
6		1066234640	GARMENT PATTERN DRAFTING I	P	3	
7		1226234760	ADVANCED SKILLS CERTIFICATION-4	ASC	2	

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Course Code		Course Name				Semester
1226		APPLIED ARTS AND CRAFTS (FASHION AND APPAREL DESIGN)(FULL TIME)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1066235110	APPAREL MERCHANDISING @	T	4	
2		1226235210	FASHION CONCEPTS AND DESIGN TECHNIQUE	T	4	
3		1066235320	GARMENT PATTERN DRAFTING	P	2	
4	1	1066235421	ADVANCED GARMENT CONSTRUCTION	P	3	
4	2	1226235422	DESIGNING OF HOME TEXTILES	P	3	
4	3	1066235423	GARMENT CAD	P	3	
5	1	1066235541	CHEMICAL PROCESSING AND TESTING OF TEXTILES	P	3	
5	2	1066235542	GARMENT LAUNDERING AND MAINTENANCE	P	3	
5	3	1066235543	INDIAN AND WESTERN COSTUME	P	3	
6		1226235654	INNOVATION & STARTUP	P	2	
7		1226235773	INDUSTRIAL TRAINING	P	2	
8		1226235860	ADVANCED SKILLS CERTIFICATION - 5	ASC	2	

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Course Code		Course Name				Semester
1226		APPLIED ARTS AND CRAFTS (FASHION AND APPAREL DESIGN)(FULL TIME)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	6000236111	ADVANCED ENGINEERING MATHEMATICS	T	3	
1	2	6000236112	ENTREPRENEURSHIP	T	3	
1	3	6000236113	PROJECT MANAGEMENT	T	3	
1	4	6000236114	FINANCE FUNDAMENTALS	T	3	
1	5	1066236115	GARMENT INDUSTRY MANAGEMENT	T	3	
2	1	1066236241	FASHION DRAPING	P	3	
2	2	1066236242	KNITWEAR TECHNOLOGY	P	3	
2	3	1066236243	PATTERN GRADING AND ALTERATION	P	3	
3	1	1226236351	INTERNSHIP	P	12	
3	2	1226236353	FELLOWSHIP	P	12	
3	3	1226236374	IN-HOUSEPROJECT	P	12	

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Course Code		Course Name				Semester
1231		FASHION AND CLOTHING TECHNOLOGY				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

GOVERNMENT OF TAMIL NADU
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Course Code		Course Name				Semester
1231		FASHION AND CLOTHING TECHNOLOGY				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		TT232120	BASICS OF TEXTILE TECHNOLOGY	T	3	
3		MA232431	APPLIED MATHEMATICS - I	P	3	
4		PH232441	APPLIED PHYSICS - I	P	2	
5		CH232451	APPLIED CHEMISTRY - I	P	2	
6		GT232460	APPAREL MACHINERY ENGINEERING PRACTIE	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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Course Code		Course Name				Semester
1232		LEATHER AND FASHION TECHNOLOGY				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

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Course Code		Course Name				Semester
1232		LEATHER AND FASHION TECHNOLOGY				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		LT232120	INTRODUCTION TO LEATHER AND LEATHER PRODUCTS	T	4	
3		MA232433	APPLIED MATHEMATICS	P	2	
4		PH232441	APPLIED PHYSICS - I	P	2	
5		CH232451	APPLIED CHEMISTRY - I	P	2	
6		EP232460	BASIC ENGINEERING PRACTICES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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Course Code		Course Name				Semester
1233		PACKAGING TECHNOLOGY				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

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Course Code		Course Name				Semester
1233		PACKAGING TECHNOLOGY				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		PT232120	BASICS OF PRINTING & PAPER TECHNOLOGY	T	3	
3		MA232431	APPLIED MATHEMATICS - I	P	3	
4		PH232441	APPLIED PHYSICS - I	P	2	
5		CH232451	APPLIED CHEMISTRY - I	P	2	
6		EP232460	BASIC ENGINEERING PRACTICES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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Course Code		Course Name				Semester
1234		FOOTWEAR TECHNOLOGY				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

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Course Code		Course Name				Semester
1234		FOOTWEAR TECHNOLOGY				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		LT232120	INTRODUCTION TO LEATHER AND LEATHER PRODUCTS	T	4	
3		MA232433	APPLIED MATHEMATICS	P	2	
4		PH232441	APPLIED PHYSICS - I	P	2	
5		CH232451	APPLIED CHEMISTRY - I	P	2	
6		EP232460	BASIC ENGINEERING PRACTICES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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Course Code		Course Name				Semester
1235		FOOD TECHNOLOGY				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

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Course Code		Course Name				Semester
1235		FOOD TECHNOLOGY				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		FT232120	INTRODUCTION TO FOOD TECHNOLOGY	T	4	
3		MA232431	APPLIED MATHEMATICS - I	P	3	
4		PH232441	APPLIED PHYSICS - I	P	2	
5		FN232451	BIOCHEMISTRY OF FOOD AND NUTRITION	P	2	
6		EP232460	BASIC ENGINEERING PRACTICES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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Course Code		Course Name				Semester
1513		GAMING AND ANIMATION (FULL TIME)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

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Course Code		Course Name				Semester
1513		GAMING AND ANIMATION (FULL TIME)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		GA232120	BASICS OF GAMING AND ANIMATION ENGINEERING	T	3	
3		MA232432	APPLIED MATHEMATICS - II	P	3	
4		PH232442	APPLIED PHYSICS - II	P	2	
5		CH232452	APPLIED CHEMISTRY - II	P	2	
6		AN232460	ART & FOUNDATION - I PRACTICAL	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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Course Code		Course Name				Semester	
1513		GAMING AND ANIMATION (FULL TIME)				3	
Column Number	Elec	Subject Code	Subject Name			Subject Type	Credits
5		1052233440	C PROGRAMMING			P	3

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Course Code		Course Name				Semester
1513		GAMING AND ANIMATION (FULL TIME)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1513234110	COMPUTER GRAPHICS	T	4	
2		1513234210	GAMING PRINCIPLES AND TECHNIQUES	T	4	
3		1052236246	UI & UXDESIGN	P	2	
4		1513234340	SCRIPTING AND STORY BOARDING FOR ANIMATION AND GAMES	P	2	
5		1513234440	PYTHON PROGRAMMING (GAME DESIGNING)	P	2	
6		1513234540	3D MODELING	P	2	

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Course Code		Course Name				Semester
1513		GAMING AND ANIMATION (FULL TIME)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1513235110	AR & VR TECHNIQUES	T	4	
2	1	1513235211	MEDIA AESTHETICS	T	3	
2	2	1513235212	MOTION CAPTURING	T	3	
2	3	1513235213	DIGITAL ADVERTISEMENT PRODUCTION	T	3	
3		1513235320	3D ANIMATION	P	2	
4		1513235440	DATA ANALYTICS	P	2	
5		1513235552	INNOVATION AND STARTUP	T	2	
6	1	1513235611	GAME DESIGNING AND DEVELOPMENT (GAME ENGINE & WEB HOSTING)	P	3	
6	2	1513235612	ANIMATION FILM PRODUCTION	P	3	
6	3	1513235613	INTRODUCTION TO IMMERSIVE TECHNOLOGY	P	3	
7		1513235773	INDUSTRIAL TRAINING	P	2	
8		1513235860	ADVANCED SKILLS CERTIFICATION - V	ASC	2	

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Course Code		Course Name				Semester
1513		GAMING AND ANIMATION (FULL TIME)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	6000236111	ADVANCED ENGINEERING MATHEMATICS	T	3	
1	2	6000236112	ENTREPRENEURSHIP	T	3	
1	3	6000236113	PROJECT MANAGEMENT	T	3	
1	4	6000236114	FINANCE FUNDAMENTALS	T	3	
1	5	6000236115	INDUSTRY 4.0	T	3	
1	6	6000236116	ADDITIVE MANUFACTURING	T	3	
2	1	1513236241	STOP MOTION PRACTICAL	P	3	
2	2	1513236242	ROTOSCOPIC & COMPOSTING LAB	P	3	
2	3	1513236243	VIDEOGRAPHY & PHOTOGRAPHY	P	3	
2	4	1513236244	OPERATING SYSTEM	P	3	
3	1	1513236351	INTERNSHIP	P	12	
3	2	1513236353	FELLOWSHIP	P	12	
3	3	1513236374	IN-HOUSE PROJECT	P	12	

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Course Code		Course Name				Semester
1515		CYBER SYSTEM AND INFORMATION SECURITY				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

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Course Code		Course Name				Semester
1515		CYBER SYSTEM AND INFORMATION SECURITY				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		CS232120	BASICS OF COMPUTER ENGINEERING	T	3	
3		MA232432	APPLIED MATHEMATICS - II	P	3	
4		PH232442	APPLIED PHYSICS - II	P	2	
5		CH232452	APPLIED CHEMISTRY - II	P	2	
6		EP232460	BASIC ENGINEERING PRACTICES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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Course Code		Course Name				Semester
2010		CIVIL ENGINEERING (SANDWICH)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

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Course Code		Course Name				Semester
2010		CIVIL ENGINEERING (SANDWICH)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		CE232120	BASICS OF CIVIL ENGINEERING	T	3	
3		MA232431	APPLIED MATHEMATICS - I	P	3	
4		PH232441	APPLIED PHYSICS - I	P	2	
5		CH232451	APPLIED CHEMISTRY - I	P	2	
6		EP232460	BASIC ENGINEERING PRACTICES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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Course Code		Course Name				Semester
2010		CIVIL ENGINEERING (SANDWICH)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1010233110	MECHANICS OF MATERIALS	T	3	
2		1010233210	CONSTRUCTION MATERIALS	T	3	
3		1010233340	SURVEYING PRACTICE	P	3	
4		1010233440	BUILDING PLANNING AND DRAWING	P	3	
5		1010233540	HYDRAULICS LAB	P	3	
6		1010233640	MATERIAL TESTING LAB	P	3	
7		1010233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		1010233886	HEALTH & WELLNESS	HW	1	

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Course Code		Course Name			Semester	
2010		CIVIL ENGINEERING (SANDWICH)			4	
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1010234210	TRANSPORTATION ENGINEERING	T	3	
2		2010234274	INDUSTRIAL TRAINING (SW)	P	12	

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Course Code		Course Name				Semester
2010		CIVIL ENGINEERING (SANDWICH)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1010234110	MECHANICS OF STRUCTURES	T	3	
2		1010234330	SOIL MECHANICS AND FOUNDATION ENGINEERING	PT	3	
3	1	1010235211	MECHANICAL, ELECTRICAL AND PLUMBING SERVICES	T	3	
3	2	1010235212	IRRIGATION AND WATER RESOURCE ENGINEERING	T	3	
3	3	1010235213	DEFECTS IN BUILDING AND REMEDIES	T	3	
3	4	1010235214	URBAN PLANNING AND DEVELOPMENT	T	3	
3	5	1010235215	BUILDING BYE LAWS AND STATUTORY DRAWINGS	T	3	
4		1010234440	CONCRETE TECHNOLOGY	P	3	
5		1010234540	CONSTRUCTION PRACTICES	P	3	
6		1010234640	ESTIMATION AND COSTING	P	3	
7		1010234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

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Course Code		Course Name				Semester
2010		CIVIL ENGINEERING (SANDWICH)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1010235110	DESIGN OF RCC STRUCTURES (LIMIT STATE METHOD)	T	4	
2	1	1010236111	ADVANCED ENGINEERING MATHEMATICS	T	3	
2	2	1010236112	ENTREPRENEURSHIP	T	3	
2	3	1010236113	PROJECT MANAGEMENT	T	3	
2	4	1010236114	FINANCE FUNDAMENTALS	T	3	
2	5	1010236115	ADVANCED ENVIRONMENTAL ENGINEERING	T	3	
2	6	1010236116	ADVANCED CONCRETE TECHNOLOGY	T	3	
2	7	1010236117	ADVANCED TRANSPORTATION ENGINEERING	T	3	
2	8	1010236118	ADVANCED SURVEYING	T	3	
3		1010235320	COMPUTER APPLICATIONS IN CIVIL ENGINEERING.	P	2	
4		1010235440	CONSTRUCTION MANAGEMENT AND SAFETY PRACTICE	P	3	
5		1010235540	ENVIRONMENTAL ENGINEERING	P	3	
6		1010235654	INNOVATION AND STARTUP	P	2	
7	1	1010236241	ARTIFICIAL INTELLIGENCE AND MACHINE LANGUAGE IN CONSTRUCTION MANAGEMENT	P	3	
7	2	1010236242	STRUCTURAL DETAILING FOR RCC ELEMENTS	P	3	
7	3	1010236243	DESIGN AND DRAWING OF STEEL ELEMENTS	P	3	
8		1010235860	ADVANCED SKILLS CERTIFICATION - V	ASC	2	

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Course Code		Course Name				Semester
2010		CIVIL ENGINEERING (SANDWICH)				7
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	1010236351	INTERNSHIP	P	12	
1	2	1010236353	FELLOWSHIP	P	12	
1	3	1010236374	IN-HOUSE PROJECT	P	12	
2		2010237274	INDUSTRIAL TRAINING (SW)	P	12	

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Course Code		Course Name				Semester
2020		MECHANICAL ENGINEERING (SANDWICH)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

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Course Code		Course Name				Semester
2020		MECHANICAL ENGINEERING (SANDWICH)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		ME232120	BASICS OF MECHANICAL ENGINEERING	T	3	
3		MA232431	APPLIED MATHEMATICS - I	P	3	
4		PH232441	APPLIED PHYSICS - I	P	2	
5		CH232451	APPLIED CHEMISTRY - I	P	2	
6		EP232460	BASIC ENGINEERING PRACTICES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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Course Code		Course Name				Semester
2020		MECHANICAL ENGINEERING (SANDWICH)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1020233110	MANUFACTURING PROCESS	T	3	
2		1020233230	STRENGTH OF MATERIALS	PT	4	
3		1020233320	WORKSHOP PRACTICES	P	2	
4		1020233440	INDUSTRIAL DRIVES AND CONTROL	P	3	
5		1020233540	PRODUCTION DRAWING AND MODELING	P	3	
6		1020233640	MACHINE TOOL TECHNOLOGY	P	3	
7		1020233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		1020233886	HEALTH & WELLNESS	HW	1	

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SUBJECT LIST (R2023)

Course Code		Course Name			Semester	
2020		MECHANICAL ENGINEERING (SANDWICH)			4	
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1020234110	ADVANCED MANUFACTURING TECHNOLOGY	T	3	
2		2020234274	INDUSTRIAL TRAINING (SW)	P	12	

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GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester
2020		MECHANICAL ENGINEERING (SANDWICH)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1020234230	FLUID MECHANICS	PT	3	
2		1020235110	ELEMENTS OF MACHINE DESIGN	T	3	
3	1	1020235331	MODERN QC TOOLS	PT	3	
3	2	1020235332	COMPOSITE MATERIALS	PT	3	
3	3	1020235333	REFRIGERATION AND AIR-CONDITIONING	PT	3	
3	4	1020235334	VALUE ENGINEERING	PT	3	
3	5	1020235335	GREEN MANUFACTURING	PT	3	
3	6	1020235336	LEAN MANUFACTURING	PT	3	
4		1020234320	ADVANCED MANUFACTURING TECHNOLOGY PRACTICAL	P	2	
5		1020234440	SENSORS AND ACTUATORS	P	3	
6		1020234540	HEAT POWER ENGINEERING	P	3	
7		1020234640	METROLOGY AND MEASUREMENTS	P	3	
8		1020234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

**GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
2020		MECHANICAL ENGINEERING (SANDWICH)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1020235230	INDUSTRIAL ENGINEERING AND MANAGEMENT	PT	4	
2	1	6000236111	ADVANCED ENGINEERING MATHEMATICS	T	3	
2	2	6000236112	ENTREPRENEURSHIP	T	3	
2	3	6000236113	PROJECT MANAGEMENT	T	3	
2	4	6000236114	FINANCE FUNDAMENTALS	T	3	
2	5	1020236115	INDUSTRY 4.0	T	3	
2	6	1020236116	ADDITIVE MANUFACTURING	T	3	
2	7	1020236117	POWER PLANT ENGINEERING	T	3	
3	1	1020235541	CNC PROGRAMMING	P	3	
3	2	1020235542	SYSTEMS APPLICATIONS AND PRODUCT (SAP)	P	3	
3	3	1020235543	INDUSTRIAL IOT	P	3	
3	4	1020235544	ADVANCED WELDING TECHNOLOGIES	P	3	
3	5	1020235545	INDUSTRIAL ROBOTICS	P	3	
3	6	1020235546	HVAC SYSTEMS AND COMPONENTS	P	3	
3	7	1020235547	AUTOMOBILE TECHNOLOGY	P	3	
4		1020235440	MAINTENANCE, REPAIRS & SERVICE	P	3	
5	1	1020236241	MEP EQUIPMENT SERVICING	P	3	
5	2	1020236242	MAINTENANCE OF MACHINE TOOLS	P	3	

**GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
2020		MECHANICAL ENGINEERING (SANDWICH)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
5	3	1020236243	NON-DESTRUCTIVE TESTING	P	3	
5	4	1020236244	PROCESS AUTOMATION	P	3	
5	5	1020236245	PRODUCT DESIGN & DEVELOPMENT	P	3	
5	6	1020236246	ELECTRIC VEHICLE TECHNOLOGY	P	3	
5	7	1020236247	REVERSE ENGINEERING	P	3	
5	8	1020236248	GREEN ENERGY & ENGINEERING	P	3	
6		1020235654	INNOVATION & STARTUP	P	2	
7		1020235860	ADVANCED SKILLS CERTIFICATION - V	ASC	2	

**GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
2020		MECHANICAL ENGINEERING (SANDWICH)				7
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	1020235331	MODERN QC TOOLS	PT	3	
1	2	1020235332	COMPOSITE MATERIALS	PT	3	
1	3	1020235333	REFRIGERATION AND AIR-CONDITIONING	PT	3	
1	4	1020235334	VALUE ENGINEERING	PT	3	
1	5	1020235335	GREEN MANUFACTURING	PT	3	
1	6	1020235336	LEAN MANUFACTURING	PT	3	
2		2020237274	-	P	12	

GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester	
2021		MECHANICAL ENGINEERING (FOUNDRY) (SANDWICH)				4	
Column Number	Elec	Subject Code	Subject Name			Subject Type	Credits
1		2021234120	FOUNDRY PRACTICAL			P	2
2		2021234240	METROLOGY AND MEASUREMENTS			P	3
3		2021234373	INDUSTRIAL TRAINING			P	12

GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester
2021		MECHANICAL ENGINEERING (FOUNDARY) (SANDWICH)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		2021235110	INDUSTRIAL PRODUCTION TECHNOLOGY II	T	3	
2	1	2021235211	PRODUCTION OF IRON	T	3	
2	2	2021235212	PRODUCTION OF STEEL	T	3	
2	3	2021235213	HEAT TREATMENT OF METALS AND ALLOYS	T	3	
3	1	2021235341	SAND TESTING LABORATORY	P	3	
3	2	2021235342	CNC SIMULATION	P	3	
3	3	2021235343	INDUSTRIAL ROBOTICS	P	3	
4		2021235440	HEAT TREATMENT PRACTICAL	P	3	
5		2021235540	INDUSTRIAL DRIVES AND CONTROL	P	3	
6		2021235640	METALLOGRAPHY PRACTICAL	P	3	
7		2021235760	ADVANCED SKILLS CERTIFICATION - 4	ASC	2	

**GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
2021		MECHANICAL ENGINEERING (FOUNDARY) (SANDWICH)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	2021236431	QUALITY MANAGEMENT SYSTEMS IN METALLURGICAL INDUSTRIES	T	3	
1	2	2021236432	ENTREPRENEURSHIP	T	3	
1	3	2021236433	ELEMENTS OF MACHINE DESIGN	T	3	
2		2021236220	INDUSTRIAL PRODUCTION TECHNOLOGY II PRACTICAL	P	2	
3		2021236330	INDUSTRIAL ENGINEERING AND MANAGEMENT	T	4	
4	1	2021236111	METAL CASTING	T	3	
4	2	2021236112	SENSORS AND ACTUATORS	T	3	
4	3	2021236113	PROCESS AUTOMATION	T	3	
5		2021236540	HEAT POWER ENGINEERING	P	3	
6		2021236680	INNOVATION & STARTUP	P	2	
7		2021236760	ADVANCED SKILLS CERTIFICATION - 5	ASC	2	

GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester	
2021		MECHANICAL ENGINEERING (FOUNDRY) (SANDWICH)				7	
Column Number	Elec	Subject Code	Subject Name			Subject Type	Credits
1		2021237152	INDUSTRIAL TRAINING			ASC	2
2		2021237251	IN-HOUSE PROJECT/ INTERNSHIP/FELLOWSHIP			P	12

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GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester
2022		MECHANICAL ENGINEERING (MACHINE TOOL MAINTENANCE & REPAIRS) (SWC)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester
2022		MECHANICAL ENGINEERING (MACHINE TOOL MAINTENANCE & REPAIRS) (SWC)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		ME232120	BASICS OF MECHANICAL ENGINEERING	T	3	
3		MA232431	APPLIED MATHEMATICS - I	P	3	
4		PH232441	APPLIED PHYSICS - I	P	2	
5		CH232451	APPLIED CHEMISTRY - I	P	2	
6		EP232460	BASIC ENGINEERING PRACTICES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester
2022		MECHANICAL ENGINEERING (MACHINE TOOL MAINTENANCE & REPAIRS) (SWC)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		2022233110	INDUSTRIAL PRODUCTION TECHNOLOGY - I	T	3	
2		2022233230	STRENGTH OF MATERIALS AND FLUID MECHANICS	PT	4	
3		2022233310	LUBRICATION ENGINEERING	T	3	
4		1020233440	INDUSTRIAL DRIVES AND CONTROL	P	3	
5		1020233540	PRODUCTION DRAWING AND MODELING	P	3	
6		2022233620	INDUSTRIAL PRODUCTION TECHNOLOGY	P	2	
7		1020233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		1020233886	HEALTH & WELLNESS	HW	1	

GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name			Semester	
2022		MECHANICAL ENGINEERING (MACHINE TOOL MAINTENANCE & REPAIRS) (SWC)			4	
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1020234440	SENSORS AND ACTUATORS	P	3	
2		2022234220	ENGINEERING METROLOGY LAB	P	2	
3		2020234274	INDUSTRIAL TRAINING (SW)	P	12	

**GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
2022		MECHANICAL ENGINEERING (MACHINE TOOL MAINTENANCE & REPAIRS) (SWC)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		2022235110	INDUSTRIAL AUTOMATION	T	3	
2		2022235210	HYDRAULICS AND PNEUMATICS	T	3	
3		2022235310	INDUSTRIAL PRODUCTION TECHNOLOGY - II	T	3	
4		2022235440	CNC SIMULATION LAB	P	3	
5		2022235540	HYDRAULICS AND PNEUMATICS SIMULATION PRACTICAL	P	3	
6		2022235620	INDUSTRIAL PRODUCTION TECHNOLOGY II PRACTICAL	P	2	
7		1020235860	ADVANCED SKILLS CERTIFICATION - V	ASC	2	

GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester
2022		MECHANICAL ENGINEERING (MACHINE TOOL MAINTENANCE & REPAIRS) (SWC)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		2022236110	MAINTENANCE OF MACHINE DRIVE ELEMENTS	T	4	
2		2022236230	ENGINEERING MANAGEMENT	PT	4	
3		2022236310	TOTAL QUALITY MANAGEMENT AND TOTAL PRODUCTIVE MAINTENANCE	T	3	
4		2022236430	MACHINE TOOL RECONDITIONING AND OVERHAULING	PT	3	
5		2022236540	MAINTENANCE LAB	P	3	
6		1020235654	INNOVATION & STARTUP	P	2	
7		1020235860	ADVANCED SKILLS CERTIFICATION - V	ASC	2	

GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name			Semester	
2022		MECHANICAL ENGINEERING (MACHINE TOOL MAINTENANCE & REPAIRS) (SWC)			7	
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		2020235773			2	
2		2020237274	-	P	12	

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**GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
2023		AUTOMOBILE ENGINEERING (SANDWICH)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester
2023		AUTOMOBILE ENGINEERING (SANDWICH)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		ME232120	BASICS OF MECHANICAL ENGINEERING	T	3	
3		MA232431	APPLIED MATHEMATICS - I	P	3	
4		PH232441	APPLIED PHYSICS - I	P	2	
5		CH232451	APPLIED CHEMISTRY - I	P	2	
6		EP232460	BASIC ENGINEERING PRACTICES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester
2023		AUTOMOBILE ENGINEERING (SANDWICH)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1021233110	MANUFACTURING TECHNOLOGY I	T	3	
2		1021233230	AUTOMOTIVE ENGINES	PT	3	
3		1021233340	MECHANICS OF MATERIALS	P	3	
4		1021233440	AUTOMOTIVE ELECTRICAL AND ELECTRONICS SYSTEMS	P	3	
5		1021233540	AUTOMOBILE ENGINEERING DRAWING	P	3	
6		1021233640	FLUID POWER SYSTEMS	P	3	
7		1021233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		1021233886	HEALTH & WELLNESS	HW	1	

GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester
2023		AUTOMOBILE ENGINEERING (SANDWICH)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1021234110	POWER UNITS AND TRANSMISSION	T	3	
2		2023234274	INDUSTRIAL TRAINING - I	P	12	

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GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester
2023		AUTOMOBILE ENGINEERING (SANDWICH)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1021234230	FUELS, COMBUSTION AND EMISSION CONTROL	PT	3	
2		1021235130	VEHICLE BODY ENGINEERING	PT	3	
3	1	1021235311	TRACTOR AND FARM EQUIPMENT	T	3	
3	2	1021235312	VEHICLE AERODYNAMICS AND DESIGN	T	3	
3	3	1021235313	HEAVY VEHICLE ENGINEERING	T	3	
3	4	1021235314	AUTOMOTIVE SAFETY SYSTEMS	T	3	
3	5	1021235315	ADVANCED AUTOMOTIVE SYSTEMS	T	3	
3	6	1021235316	ALTERNATIVE FUELS	T	3	
3	7	1021235317	ALTERNATIVE ENERGY SOURCES	T	3	
3	8	1021235318	SPECIAL PURPOSE VEHICLES	T	3	
4		1021234340	MANUFACTURING TECHNOLOGY II	P	3	
5		1020234440	SENSORS AND ACTUATORS	P	3	
6		1021234540	AUTOMOBILE COMPONENT DESIGN	P	2	
7		1020234640	METROLOGY AND MEASUREMENTS	P	3	
8		1021235860	ADVANCED SKILLS CERTIFICATION - V	ASC	2	

GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester
2023		AUTOMOBILE ENGINEERING (SANDWICH)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1021235230	ELECTRIC & HYBRID VEHICLE TECHNOLOGY	PT	4	
2		1021236110	INDUSTRIAL MANAGEMENT AND TRANSPORT ENGINEERING	T	3	
3		1021235440	AUTOMOBILE SERVICING PRACTICAL	P	3	
4	1	1020235541	CNC PROGRAMMING	P	3	
4	2	1020235542	SYSTEMS APPLICATIONS AND PRODUCT (SAP)	P	3	
4	3	1020235543	INDUSTRIAL IOT	P	3	
4	4	1021235542	TWO-WHEELER AND THREE-WHEELER TECHNOLOGY	P	3	
4	5	1020235545	INDUSTRIAL ROBOTICS	P	3	
4	6	1021235546			3	
5	1	1021236241	VEHICLE TESTING	P	3	
5	2	1021236242	EARTHMOVINGEQUIPMENTS	P	3	
5	3	1021236243			3	
5	4	1021236244			3	
5	5	1020235545	INDUSTRIAL ROBOTICS	P	3	
6		1021235654	INNOVATION & STARTUP	P	2	
7		1021234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester
2024		MECHANICAL ENGINEERING (AUTOMOBILE) (SANDWICH)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester
2024		MECHANICAL ENGINEERING (AUTOMOBILE) (SANDWICH)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		ME232120	BASICS OF MECHANICAL ENGINEERING	T	3	
3		MA232431	APPLIED MATHEMATICS - I	P	3	
4		PH232441	APPLIED PHYSICS - I	P	2	
5		CH232451	APPLIED CHEMISTRY - I	P	2	
6		EP232460	BASIC ENGINEERING PRACTICES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester
2024		MECHANICAL ENGINEERING (AUTOMOBILE) (SANDWICH)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1021233110	MANUFACTURING TECHNOLOGY I	T	3	
2		1021233230	AUTOMOTIVE ENGINES	PT	3	
3		1021233340	MECHANICS OF MATERIALS	P	3	
4		1021233440	AUTOMOTIVE ELECTRICAL AND ELECTRONICS SYSTEMS	P	3	
5		1020233540	PRODUCTION DRAWING AND MODELING	P	3	
6		1021233640	FLUID POWER SYSTEMS	P	3	
7		1021233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		1021233886	HEALTH & WELLNESS	HW	1	

GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester	
2024		MECHANICAL ENGINEERING (AUTOMOBILE) (SANDWICH)				4	
Column Number	Elec	Subject Code	Subject Name			Subject Type	Credits
1		1021234110	POWER UNITS AND TRANSMISSION			T	3
2		2024234274	INDUSTRIAL TRAINING (SW)			P	12

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GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester
2024		MECHANICAL ENGINEERING (AUTOMOBILE) (SANDWICH)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1021234230	FUELS, COMBUSTION AND EMISSION CONTROL	PT	3	
2		1021235130	VEHICLE BODY ENGINEERING	PT	3	
3	1	1020235331	MODERN QC TOOLS	PT	3	
3	2	1020235332	COMPOSITE MATERIALS	PT	3	
3	3	1020235333	REFRIGERATION AND AIR-CONDITIONING	PT	3	
3	4	1020235334	VALUE ENGINEERING	PT	3	
3	5	1020235335	GREEN MANUFACTURING	PT	3	
3	6	1020235336	LEAN MANUFACTURING	PT	3	
4		1021234340	MANUFACTURING TECHNOLOGY II	P	3	
5		1020234440	SENSORS AND ACTUATORS	P	3	
6		1020234540	HEAT POWER ENGINEERING	P	3	
7		1020234640	METROLOGY AND MEASUREMENTS	P	3	
8		2024234760	ADVANCED SKILLS CERTIFICATION-IV	ASC	2	

GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester
2024		MECHANICAL ENGINEERING (AUTOMOBILE) (SANDWICH)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1021236110	INDUSTRIAL MANAGEMENT AND TRANSPORT ENGINEERING	T	3	
2		1020235440	MAINTENANCE, REPAIRS & SERVICE	P	3	
3	1	1020235541	CNC PROGRAMMING	P	3	
3	2	1020235542	SYSTEMS APPLICATIONS AND PRODUCT (SAP)	P	3	
3	3	1020235543	INDUSTRIAL IOT	P	3	
3	4	1020235544	ADVANCED WELDING TECHNOLOGIES	P	3	
3	5	1020235545	INDUSTRIAL ROBOTICS	P	3	
3	6	1020235546	HVAC SYSTEMS AND COMPONENTS	P	3	
3	7	1020235547	AUTOMOBILE TECHNOLOGY	P	3	
4	1	6000236111	ADVANCED ENGINEERING MATHEMATICS	T	3	
4	2	6000236112	ENTREPRENEURSHIP	T	3	
4	3	6000236113	PROJECT MANAGEMENT	T	3	
4	4	6000236114	FINANCE FUNDAMENTALS	T	3	
4	5	1020236115	INDUSTRY 4.0	T	3	
4	6	1020236116	ADDITIVE MANUFACTURING	T	3	
4	7	1020236117	POWER PLANT ENGINEERING	T	3	
5	1	1020236241	MEP EQUIPMENT SERVICING	P	3	
5	2	1020236242	MAINTENANCE OF MACHINE TOOLS	P	3	

GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester
2024		MECHANICAL ENGINEERING (AUTOMOBILE) (SANDWICH)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
5	3	1020236243	NON-DESTRUCTIVE TESTING	P	3	
5	4	1020236244	PROCESS AUTOMATION	P	3	
5	5	1020236245	PRODUCT DESIGN & DEVELOPMENT	P	3	
5	6	1020236246	ELECTRIC VEHICLE TECHNOLOGY	P	3	
5	7	1020236247	REVERSE ENGINEERING	P	3	
5	8	1020236248	GREEN ENERGY & ENGINEERING	P	3	
6		2024235654	INNOVATION & STARTUP	P	2	
7		2024235860	ADVANCED SKILLS CERTIFICATION-V	ASC	2	

**GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
2024		MECHANICAL ENGINEERING (AUTOMOBILE) (SANDWICH)				7
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	2024235773	MINIPROJECT(SW)		2	
1	2	1020235332	COMPOSITE MATERIALS	PT	3	
1	3	1020235333	REFRIGERATION AND AIR-CONDITIONING	PT	3	
1	4	1020235334	VALUE ENGINEERING	PT	3	
1	5	1020235335	GREEN MANUFACTURING	PT	3	
1	6	1020235336	LEAN MANUFACTURING	PT	3	
2		2024237274	INDUSTRIAL TRAINING(SW)	P	12	

**GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
2030		ELECTRICAL AND ELECTRONICS ENGINEERING(SANDWICH)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1030233110	ELECTRICAL MACHINES I	T	4	
2		1030233210	ELECTRICAL CIRCUIT THEORY	T	4	
3		1030233340	SENSORS AND MEASUREMENT	P	3	
4		1030233440	ANALOG AND DIGITAL ELECTRONICS	P	3	
5		1030233540	PROGRAMMING IN C	P	2	
6		1030233620	ELECTRICAL MACHINES I PRACTICAL	P	2	
7		1030233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		1030233886	HEALTH & WELLNESS	ASC	1	

GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name			Semester	
2030		ELECTRICAL AND ELECTRONICS ENGINEERING(SANDWICH)			4	
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1030234210	GENERATION, TRANSMISSION AND DISTRIBUTION	T	4	
2		2030234274	INDUSTRIAL TRAINING	P	12	

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GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester
2030		ELECTRICAL AND ELECTRONICS ENGINEERING(SANDWICH)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1030234110	ELECTRICAL MACHINES II	T	4	
2		1030235210	E-VEHICLE TECHNOLOGY	T	3	
3		1030234340	MICROCONTROLLER AND EMBEDDED SYSTEMS	P	3	
4		1030234540	SERVICING OF ELECTRICAL APPLIANCES	P	2	
5		1030234620	ELECTRICAL MACHINES II PRACTICAL	P	2	
6	1	1030235541	IOT AND APPLICATION	P	3	
6	2	1030235542	COMPUTER HARDWARE AND NETWORKING	P	3	
6	3	1030235543	CONTROL OF ELECTRICAL MACHINES	P	3	
6	4	1030235544	AUTO MECHATRONICS	P	3	
6	5	1030235545	MECHANICAL ENGINEERING	P	3	
6	6	1030235546	ESTIMATION, STANDARDS AND REGULATIONS	P	3	
6	7	1030235547	INTER DISCIPLINE COURSE #	P	3	
7		1030234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester
2030		ELECTRICAL AND ELECTRONICS ENGINEERING(SANDWICH)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	6000236111	ADVANCED ENGINEERING MATHEMATICS	T	3	
1	2	6000236112	ENTREPRENEURSHIP	T	3	
1	3	6000236113	PROJECT MANAGEMENT	T	3	
1	4	6000236114	FINANCE FUNDAMENTALS	T	3	
1	5	1030236115	INDUSTRIAL MANAGEMENT AND SAFETY	T	3	
1	6	1030236116	BATTERY MANAGEMENT SYSTEM	T	3	
1	7	1030236117	INDUSTRIAL AUTOMATION	T	3	
2	1	1030236231	HVAC (R & AC)	PT	3	
2	2	1030236232	PCB DESIGN AND ASSEMBLY	PT	3	
2	3	1030236233	ELECTRONICS PRODUCT DESIGN	PT	3	
2	4	1030236234	RENEWABLE ENERGY SYSTEMS	PT	3	
2	5	1030236235	ENERGY CONSERVATION AND AUDITING	PT	3	
2	6	1030236236	ELECTRICAL DRIVES AND CONTROLS	PT	3	
3	1	1030236351	INTERNSHIP	P	12	
3	2	1030236353	FELLOWSHIP	P	12	
3	3	1030236374	IN-HOUSE PROJECT	P	12	

**GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
2030		ELECTRICAL AND ELECTRONICS ENGINEERING(SANDWICH)				7
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		2030237274	INDUSTRIAL TRAINING	P	2	
2	1	1030236351	INTERNSHIP	P	12	
2	2	1030236353	FELLOWSHIP	P	12	
2	3	1030236374	IN-HOUSE PROJECT	P	12	

**GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
2040		ELECTRONICS AND COMMUNICATION ENGINEERING (SANDWICH)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

**GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
2040		ELECTRONICS AND COMMUNICATION ENGINEERING (SANDWICH)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		EE232120	BASICS OF ELECTRICAL AND ELECTRONICS ENGINEERING	T	3	
3		MA232432	APPLIED MATHEMATICS - II	P	3	
4		PH232442	APPLIED PHYSICS - II	P	2	
5		CH232452	APPLIED CHEMISTRY - II	P	2	
6		EP232460	BASIC ENGINEERING PRACTICES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester
2040		ELECTRONICS AND COMMUNICATION ENGINEERING (SANDWICH)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1040233110	ELECTRONIC DEVICES AND CIRCUITS	T	4	
2		1040233210	DIGITAL ELECTRONICS	T	4	
3		1040233320	ELECTRONIC DEVICES AND CIRCUITS PRACTICAL	P	2	
4		1040233420	DIGITAL ELECTRONICS PRACTICAL	P	2	
5		1040233540	LINEAR INTEGRATED CIRCUITS	P	3	
6		1040233640	ELECTRICAL CIRCUITS AND MACHINES	P	2	
7		1040233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		1040233986	HEALTH & WELLNESS	HW	1	

GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester	
2040		ELECTRONICS AND COMMUNICATION ENGINEERING (SANDWICH)				4	
Column Number	Elec	Subject Code	Subject Name			Subject Type	Credits
1		1040234210	DATA COMMUNICATION AND NETWORKING			T	3
2		2040234274	INDUSTRIAL TRAINING			P	12

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DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester
2040		ELECTRONICS AND COMMUNICATION ENGINEERING (SANDWICH)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1040234110	MICROCONTROLLER	T	4	
2	1	1030235210	E-VEHICLE TECHNOLOGY	T	3	
2	2	1040235312	MEDICAL INSTRUMENTATION	T	3	
2	3	1040235313	DIGITAL COMMUNICATION	T	3	
2	4	1040235314	DIGITAL MANUFACTURING TECHNOLOGY	T	3	
2	5	1040235315	SIGNAL & IMAGE PROCESSING	T	3	
2	6	1040235316	ELECTRONIC SYSTEM DESIGN	T	3	
3		1040234340	BASICS OF COMMUNICATION ENGINEERING	P	3	
4		1040234440	MEASURING INSTRUMENTS AND SENSORS	P	3	
5		1040234540	PROGRAMMING IN C	P	3	
6		1040235652	INNOVATION & STARTUP	P	2	
7		1040234652	MICROCONTROLLER PRACTICAL	P	2	
8		1040234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

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DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester
2040		ELECTRONICS AND COMMUNICATION ENGINEERING (SANDWICH)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1040235130	ADVANCED COMMUNICATION SYSTEMS	PT	3	
2		1040235230	MOBILE COMMUNICATION	PT	3	
3	1	6000236111	ADVANCED ENGINEERING MATHEMATICS	T	3	
3	2	6000236112	ENTREPRENEURSHIP	T	3	
3	3	6000236113	PROJECT MANAGEMENT	T	3	
3	4	6000236114	FINANCE FUNDAMENTALS	T	3	
3	5	1040236115	CONSUMER ELECTRONICS	T	3	
3	6	1040236116	ASIC DESIGN	T	3	
4	1	1040235541	INDUSTRIAL AUTOMATION	P	3	
4	2	1040235542	ROBOTICS	P	3	
4	3	1040235543	COMPUTER HARDWARE SERVICING	P	3	
4	4	1040235544	PCB DESIGN & ASSEMBLY	P	3	
4	5	1040235545	INDUSTRIAL IOT	P	3	
4	6	1040235546	MULTIMEDIA SYSTEMS	P	3	
5	1	1040236241	POWER ELECTRONIC DEVICES	P	3	
5	2	1040236242	VLSI USING VERILOG	P	3	
5	3	1040236243	VIRTUAL INSTRUMENTATION [LAB VIEW]	P	3	
5	4	1040236244	ARTIFICIAL INTELLIGENCE	P	3	

GOVERNMENT OF TAMIL NADU
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SUBJECT LIST (R2023)

Course Code		Course Name				Semester	
2040		ELECTRONICS AND COMMUNICATION ENGINEERING (SANDWICH)				6	
Column Number	Elec	Subject Code	Subject Name			Subject Type	Credits
5	5	1040236245	WIRELESS COMMUNICATION			P	3
5	6	1040236246	VR AND AR			P	3
6		1040235440	EMBEDDED SYSTEMS			P	4
7		1040235860	ADVANCED SKILLS CERTIFICATION - V			ASC	2

GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester	
2040		ELECTRONICS AND COMMUNICATION ENGINEERING (SANDWICH)				7	
Column Number	Elec	Subject Code	Subject Name			Subject Type	Credits
1		1040235773	INDUSTRIAL TRAINING			P	2
2		2040237274	INDUSTRIAL TRAINING			P	12

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**GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
2047		MECHATRONICS ENGINEERING (SANDWICH)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester
2047		MECHATRONICS ENGINEERING (SANDWICH)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		EE232120	BASICS OF ELECTRICAL AND ELECTRONICS ENGINEERING	T	3	
3		MA232432	APPLIED MATHEMATICS - II	P	3	
4		PH232442	APPLIED PHYSICS - II	P	2	
5		CH232452	APPLIED CHEMISTRY - II	P	2	
6		EP232460	BASIC ENGINEERING PRACTICES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

**GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
2047		MECHATRONICS ENGINEERING (SANDWICH)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1047233110	LINEAR AND DIGITAL INTEGRATED CIRCUITS	T	3	
2		1047233210	MEASURING INSTRUMENTS AND SENSORS	T	4	
3		1047233320	CAD FOR AUTOMATION	P	2	
4		1047233420	C AND PYTHON PROGRAMMING	P	2	
5		1047233540	MANUFACTURING TECHNOLOGY	P	3	
6		1047233640	INTRODUCTION TO MECHATRONICS SYSTEMS	P	3	
7		1047233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		1047233886	HEALTH & WELLNESS	HW	1	

GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name			Semester	
2047		MECHATRONICS ENGINEERING (SANDWICH)			4	
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1047234640	FUNDAMENTALS OF INTERNET OF THINGS	P	3	
2		2047234274	INDUSTRIAL TRAINING(SW) - I	P	12	

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**GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
2047		MECHATRONICS ENGINEERING (SANDWICH)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1047234110	MICROCONTROLLER AND INTERFACING	T	4	
2		1047234230	LOW COST AUTOMATION	PT	4	
3		1047234320	EMBEDDED PROGRAMMING	P	2	
4		1047234440	MECHANICS OF MATERIALS.	P	3	
5		1047235230	CONTROL SYSTEM FOR MECHATRONICS	PT	4	
6	1	1047235531	PLCAND HMI	P	3	
6	2	1040235544	PCB DESIGN & ASSEMBLY	P	3	
6	3	1020236246	ELECTRIC VEHICLE TECHNOLOGY	P	3	
6	4	1020236247	REVERSE ENGINEERING	P	3	
6	5	1020236248	GREEN ENERGY & ENGINEERING	P	3	
7		1047235654	INNOVATION AND START-UPS	P	2	
8		1047234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

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SUBJECT LIST (R2023)

Course Code		Course Name				Semester
2047		MECHATRONICS ENGINEERING (SANDWICH)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1047235110	ROBOTICS	T	4	
2	1	6000236111	ADVANCED ENGINEERING MATHEMATICS	T	3	
2	2	6000236112	ENTREPRENEURSHIP	T	3	
2	3	6000236113	PROJECT MANAGEMENT	T	3	
2	4	6000236114	FINANCE FUNDAMENTALS	T	3	
2	5	1030236115	INDUSTRIAL MANAGEMENT AND SAFETY	T	3	
3	1	1030236116	BATTERY MANAGEMENT SYSTEM	T	3	
3	2	1020236115	INDUSTRY 4.0	T	3	
3	3	1020236116	ADDITIVE MANUFACTURING	T	3	
3	4	1042236115	BIOMEDICAL INSTRUMENTATION	T	3	
4		1047234540	INDUSTRIAL DRIVES AND CONTROL	P	3	
5		1047235320	ROBOTICS PRACTICAL	P	2	
6		1047235440	CIM & CNC PROGRAMMING	P	3	
7		1047235860	ADVANCED SKILLS CERTIFICATION - V	ASC	2	

**GOVERNMENT OF TAMIL NADU
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SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
2047		MECHATRONICS ENGINEERING (SANDWICH)				7
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		2047237173	MINIPROJECT (SW)	P	2	
2		2047237274	INDUSTRIALTRAINING(SW)	P	12	

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SUBJECT LIST (R2023)

Course Code		Course Name				Semester
2049						4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		2049234110	ELECTRONIC MEASUREMENTS AND INSTRUMENTATION	T	4	
2		2049234230	FUNDAMENTALS OF ROBOTICS	PT	3	
3		2049234320	CAD FOR ROBOTICS AND AUTOMATION	P	2	
4		2049234420	PYTHON PROGRAMMING FOR ROBOTICS	P	2	
5		2049234540	FLUID POWER AUTOMATION	P	4	
6		2049234640	MICROCONTROLLERS AND APPLICATIONS	P	4	
7		2049234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

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SUBJECT LIST (R2023)

Course Code		Course Name				Semester
2049						5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		2049235110	SENSORS, ACTUATORS AND FABRICATION OF ROBOT COMPONENTS	T	3	
2		2049235210	INDUSTRIAL INTERNET OF THINGS	T	3	
3	1	2049235341	APPLIED ROBOTICS	P	3	
3	2	2049235342	BIG DATA AND ANALYTICS	P	3	
3	3	1020235542	SYSTEMS APPLICATIONS AND PRODUCT (SAP)	P	3	
4		2049235440	PLC AND HMI	P	3	
5		2049235540	CIM & CNC PROGRAMMING	P	3	
6		2049235654	INNOVATION AND START-UPS	P	2	
7		2049235773	INDUSTRIAL TRAINING	P	2	
8		2049235860	ADVANCED SKILLS CERTIFICATION-V	ASC	2	

GOVERNMENT OF TAMIL NADU
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SUBJECT LIST (R2023)

Course Code		Course Name				Semester
2049						6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	6000236111	ADVANCED ENGINEERING MATHEMATICS	T	3	
1	2	6000236112	ENTREPRENEURSHIP	T	3	
1	3	6000236113	PROJECT MANAGEMENT	T	3	
1	4	6000236114	FINANCE FUNDAMENTALS	T	3	
1	5	2049236111	INDUSTRIA LENGINEERING	T	3	
2	1	2049236241	ADVANCED AUTOMATION	P	3	
2	2	2049236242	AUTOMATION SYSTEM DESIGN	P	3	
2	3	1020236116	ADDITIVE MANUFACTURING	T	3	
3	1	2049236351	IN-HOUSEPROJECT/INTERNSHIP/ FELLOWSHIP /INDUSTRIALTRAINING(SW)	P	12	
3	2	2049236353	INTERNSHIP	P	12	
3	3	2049236374	IN-HOUSE PROJECT WORK	P	12	
3	4	2149234274	INDUSTRIAL TRAINING (SW) - I	P	12	

GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name			Semester	
2049					7	
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		2049235773	INDUSTRIAL TRAINING	P	2	
2		2149237274	INDUSTRIALTRAINING(SW)	P	12	

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**GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
2050		COMPUTER TECHNOLOGY (SANDWICH)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester
2050		COMPUTER TECHNOLOGY (SANDWICH)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		CS232120	BASICS OF COMPUTER ENGINEERING	T	3	
3		MA232432	APPLIED MATHEMATICS - II	P	3	
4		PH232442	APPLIED PHYSICS - II	P	2	
5		CH232452	APPLIED CHEMISTRY - II	P	2	
6		EP232460	BASIC ENGINEERING PRACTICES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester
2050		COMPUTER TECHNOLOGY (SANDWICH)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1052233110	DIGITAL LOGIC DESIGN	T	3	
2		1052233230	RDBMS	PT	4	
3		1052233320	DIGITAL LOGIC DESIGN LAB	P	2	
4		1052233440	C PROGRAMMING	P	3	
5		1052233540	WEB DESIGNING	P	3	
6		1052233640	OPERATING SYSTEMS	P	2	
7		2050233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		2050233886	HEALTH & WELLNESS	HW	1	

GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name			Semester	
2050		COMPUTER TECHNOLOGY (SANDWICH)			4	
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1052234110	COMPUTER NETWORKS AND SECURITY	T	3	
2		2050234273	INDUSTRIAL TRAINING	P	12	

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GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester
2050		COMPUTER TECHNOLOGY (SANDWICH)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		2050235130	INTRODUCTION TO PYTHON PROGRAMMING	PT	4	
2	1	1052235211	MACHINE LEARNING	T	3	
2	2	1052235212	DATA WARE HOUSING AND DATA MINING	T	3	
2	3	1052235213	ETHICAL HACKING	T	3	
2	4	1052235214	AGILE PRODUCT DEVELOPMENT	T	3	
2	5	1052235215	ARTIFICIAL INTELLIGENCE	T	3	
3		2050235340	OBJECT ORIENTED PROGRAMMING WITH JAVA	P	4	
4		2050235440	INTRODUCTION TO E-PUBLISHING TOOLS	P	2	
5	1	1052235541	DATA ANALYTICS	P	3	
5	2	1052235542	MOBILECOMPUTING	P	3	
5	3	1052235543	COMPONENT BASED TECHNOLOGIES	P	3	
5	4	1052235544	MULTIMEDIASYSTEMS	P	3	
5	5	1052235545	FULLSTACKDEVELOPER	P	3	
5	6	1052235546	ROBOTICPROCESSAUTOMATION	P	3	
6		2050235640	INTRODUCTION TO SCRIPTING LANGUAGES	P	2	
7		2050235760	ADVANCED SKILLS CERTIFICATION-4	ASC	2	

GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester
2050		COMPUTER TECHNOLOGY (SANDWICH)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	6000236111	ADVANCED ENGINEERING MATHEMATICS	T	3	
1	2	6000236112	ENTREPRENEURSHIP	T	3	
1	3	6000236113	PROJECT MANAGEMENT	T	3	
1	4	6000236114	FINANCE FUNDAMENTALS	T	3	
1	5	1052236115	5G TECHNOLOGY	T	3	
1	6	1052236116	DEVOPS	T	3	
2	1	1052236241	DATA SCIENCE	P	3	
2	2	1052236242	CLOUD PLAT FORM	P	3	
2	3	1052236243	DATAVISUALIZATION	P	3	
2	4	1052236244	ADVANCED DBMS	P	3	
2	5	1052236245	MOBILEAPPLICATION DEVELOPMENT	P	3	
2	6	1052236246	UI & UXDESIGN	P	3	
3		2050236330	FUNDAMENTALS OF CLOUD COMPUTING	PT	3	
4		2050236440	BASICS OF DATA STRUCTURES USING PYTHON	P	3	
5		2050236520	BASICS OF INTERNET OF & DIGITAL TWINS	P	2	
6		1052235654	INNOVATION & STARTUP	P	2	
7		1052236773	INDUSTRIAL TRAINING	P	2	
8		2050236860	ADVANCED SKILLS CERTIFICATION - 5	ASC	2	

GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester	
2050		COMPUTER TECHNOLOGY (SANDWICH)				7	
Column Number	Elec	Subject Code	Subject Name			Subject Type	Credits
1		2050237130	FUNDAMENTALS OF COMPUTER HARDWARE AND NETWORKING.			T	3
2		2050237274	MINI PROJECT			P	2
3		2050237373	INDUSTRIAL TRAININGINDUSTRIAL TRAINING			P	12

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DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
2060		TEXTILE TECHNOLOGY (SANDWICH)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1060233110	FIBRE SCIENCE AND TECHNOLOGY	T	3	
2		1060233210	TECHNOLOGY OF YARN FORMATION	T	4	
3		1060233310	TECHNOLOGY OF FABRIC FORMATION	T	4	
4		1060233420	FIBRE IDENTIFICATION PRACTICAL	P	2	
5		1060233540	TECHNOLOGY OF SPINNING PROCESS - I	P	3	
6		1060233640	TECHNOLOGY OF WEAVING PROCESS - I	P	3	
7		1060233760	ADVANCED SKILLS CERTIFICATION - II	ASC	2	
8		1060233886	HEALTH & WELLNESS	HW	1	

GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester
2060		TEXTILE TECHNOLOGY (SANDWICH)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1060234110	FABRIC STRUCTURE	T	3	
2		1060234210	TECHNOLOGY OF DYEING, PRINTING AND FINISHING	T	3	
3		1060234320	FABRIC STRUCTURE ANALYSIS	P	2	
4		1060234420	TEXTILE CHEMICAL PROCESSING	P	2	
5		1060234540	TECHNOLOGY OF SPINNING PROCESS-II	P	3	
6		1060234640	TECHNOLOGY OF WEAVING PROCESS -II	P	3	
7		2060234760	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
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Course Code		Course Name				Semester	
2060		TEXTILE TECHNOLOGY (SANDWICH)				5	
Column Number	Elec	Subject Code	Subject Name			Subject Type	Credits
1		2060235173	INDUSTRIAL TRAINING			P	12

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SUBJECT LIST (R2023)

Course Code		Course Name				Semester
2060		TEXTILE TECHNOLOGY (SANDWICH)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	2060236110	TEXTILE TESTING	T	3	
2	1	2060236211	TECHNICAL TEXTILES	T	4	
2	2	2060236212	MEDICAL TEXTILES	T	4	
2	3	2060236213	PROCESS CONTROL IN SPINNING	T	4	
3		2060236320	TEXTILE TESTING PRACTICAL	P	3	
4		2060236440	GARMENT MANUFACTURE TECHNOLOGY	P	4	
5		2060236540	KNITTING TECHNOLOGY	P	2	
6		2060236640	INNOVATION & STARTUP	P	2	
7		2060236773	INDUSTRIAL TRAINING	P	2	
8		2060236860	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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Course Code		Course Name				Semester
2060		TEXTILE TECHNOLOGY (SANDWICH)				7
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	6000237111	ADVANCED ENGINEERING MATHEMATICS	T	3	
1	2	6000237112	ENTREPRENEURSHIP	T	3	
1	3	2060237113	TEXTILE MANAGEMENT AND INDUSTRIAL ENGINEERING	T	3	
2	1	2060237241	BASICS OF FASHION DESIGN	P	3	
2	2	2060237242	FASHION DRAPING AND TECHNIQUES	P	3	
2	3	2060237243	SURFACE ORNAMENTATION ON FABRICS	P	3	
3	1	2060237351	INTERNSHIP	P	12	
3	2	2060237353	FELLOWSHIP	P	12	
3	3	2060237374	INHOUSE PROJECT	P	12	

**GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
2074		POLYMER TECHNOLOGY (SANDWICH)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester
2074		POLYMER TECHNOLOGY (SANDWICH)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		PL232120	BASIC ORGANIC CHEMISTRY	T	3	
3		MA232431	APPLIED MATHEMATICS - I	P	3	
4		PH232441	APPLIED PHYSICS - I	P	2	
5		CH232451	APPLIED CHEMISTRY - I	P	2	
6		EP232460	BASIC ENGINEERING PRACTICES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
2074		POLYMER TECHNOLOGY (SANDWICH)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		2074233110	POLYMER SCIENCE	T	3	
2		2074233210	POLYMER ADDITIVES AND COMPOUNDING MACHINERIES	T	3	
3		2074233320	POLYMER SCIENCE PRACTICAL	P	2	
4		2074233420	POLYMER ENGINEERING DRAWING PRACTICAL	P	3	
5		2074233540	RUBBER MATERIALS	P	3	
6		2074233640	PLASTICS MATERIALS	P	3	
7		2074233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		2074233886	HEALTH & WELLNESS	HW	1	

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SUBJECT LIST (R2023)

Course Code		Course Name				Semester
2074		POLYMER TECHNOLOGY (SANDWICH)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		2074234110	RUBBER PRODUCTS MANUFACTURE	T	3	
2		2074234210	POLYMER COMPOSITES	T	3	
3		2074234320	RUBBER COMPOUNDING PRACTICAL	P	3	
4		2074234420	POLYMER PROCESSING PRACTICAL	P	3	
5		2074234540	PLASTICS PROCESSING	P	3	
6		2074234640	ANALYSIS OF POLYMERS	P	3	
7		2074234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

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DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
2074		POLYMER TECHNOLOGY (SANDWICH)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	2074235111	CHEMICAL ENGINEERING	T	3	
1	2	2074235112	PROCESS CONTROL AND MEASUREMENT	T	3	
1	3	2074235113	POLYMER PACKAGING TECHNOLOGY	T	3	
2	1	2074235211	POLYMER BLENDS AND ALLOYS	T	3	
2	2	2074235212	BIO POLYMERS	T	3	
2	3	2074235213	FUNDAMENTALS OF NANO SCIENCE	T	3	
3		2074235340	LATEX TECHNOLOGY	P	3	
4		2074235440	POLYMER TESTING	P	4	
5		2074235540	POLYMER MOULD DESIGN	P	3	
6		2074235620	INNOVATION & STARTUP	P	2	
7		2074235760	ADVANCED SKILLS CERTIFICATION	ASC	2	

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SUBJECT LIST (R2023)

Course Code		Course Name				Semester
2074		POLYMER TECHNOLOGY (SANDWICH)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	2074236111	ADVANCED ELASTOMERIC TECHNOLOGY	T	4	
1	2	2074236112	ENTREPRENEURSHIP AND BUSINESS MANAGEMENT	T	4	
1	3	2074236113	INDUSTRIAL MANAGEMENT	T	4	
1	4	2074236114	ONLINE ELECTIVE COURSE#	T	4	
2	1	2074236211	POLYMER RECYCLING AND WASTE MANAGEMENT	T	4	
2	2	2074236212	ADHESIVE TECHNOLOGY	T	4	
2	3	2074236213	ADVANCED POLYMER PROCESSING	T	4	
3	1	2074236320	IN-HOUSE PROJECT / INTERNSHIP / FELLOWSHIP	P	12	

GOVERNMENT OF TAMIL NADU
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Course Code		Course Name				Semester	
2074		POLYMER TECHNOLOGY (SANDWICH)				7	
Column Number	Elec	Subject Code	Subject Name			Subject Type	Credits
1		2074237120	INDUSTRIAL TRAINING REPORT AND VIVA-VOCE			P	12

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**GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
2079		CHEMICAL ENGINEERING (SANDWICH)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

**GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
2079		CHEMICAL ENGINEERING (SANDWICH)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		HE232120	INDUSTRIAL CHEMISTRY	T	3	
3		MA232431	APPLIED MATHEMATICS - I	P	3	
4		PH232441	APPLIED PHYSICS - I	P	2	
5		CH232451	APPLIED CHEMISTRY - I	P	2	
6		EP232460	BASIC ENGINEERING PRACTICES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

**GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
2079		CHEMICAL ENGINEERING (SANDWICH)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1076233110	BASIC CHEMICAL ENGINEERING	T	4	
2		1076233210	MOMENTUM TRANSFER	T	4	
3		1076233320	MOMENTUM TRANSFER PRACTICAL	P	2	
4		1076233420	CHEMICAL CAD PRACTICAL	P	2	
5		1076233520	TECHNICAL ANALYSIS PRACTICAL	P	2	
6		1076233640	GENERAL ENGINEERING	P	3	
7		1076233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		1076233886	HEALTH & WELLNESS	-	1	

GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester
2079		CHEMICAL ENGINEERING (SANDWICH)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1076234110	PROCESS HEAT TRANSFER	T	4	
2		1076234210	MECHANICAL OPERATIONS	T	4	
3		1076234310	CHEMICAL TECHNOLOGY	T	3	
4		1076234420	HEAT TRANSFER PRACTICAL	P	2	
5		1076234520	MECHANICAL OPERATIONS PRACTICAL	P	2	
6		1076234640	PROCESS INSTRUMENTATION AND CONTROL	P	3	
7		1076234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	
12		1076233886	HEALTH & WELLNESS	-	1	

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Course Code		Course Name				Semester
2079		CHEMICAL ENGINEERING (SANDWICH)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1076235110	CHEMICAL PROCESS CALCULATIONS	T	4	
2		1076235210	MASS TRANSFER - I	T	4	
3	1	1076235311	INDUSTRIAL SAFETY AND POLLUTION CONTROL	T	4	
3	2	1076235312	PLANT UTILITIES	T	4	
3	3	1076235313	RENEWABLE ENERGY ENGINEERING	T	4	
4		1076235420	MASS TRANSFER PRACTICAL	P	2	
5	1	1076235521	CHEMICAL PROCESS SIMULATION LAB	P	2	
5	2	1076235522	PETROLEUM TESTING LAB	P	2	
5	3	1076235523	ENVIRONMENTAL ENGINEERING LAB	P	2	
6		1076235654	INNOVATION & START UP	P	2	
7		1076235860	ADVANCED SKILLS CERTIFICATION	ASC	2	

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Course Code		Course Name				Semester
2079		CHEMICAL ENGINEERING (SANDWICH)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	1076236111	CHEMICAL ENGINEERING THERMODYNAMICS AND REACTION ENGINEERING	T	3	
1	2	1076236112	FERTILIZER TECHNOLOGY	T	3	
1	3	1076236113	PETROLEUM AND ENERGY ENGINEERING	T	3	
2	1	1076236211	MASS TRANSFER - II	T	4	
2	2	1076236212	NATURAL GAS ENGINEERING	T	4	
2	3	1076236213	ELECTROCHEMICAL ENGINEERING	T	4	
3	1	2079236374	IN-HOUSE PROJECT WORK	P	12	

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Course Code		Course Name				Semester	
2079		CHEMICAL ENGINEERING (SANDWICH)				7	
Column Number	Elec	Subject Code	Subject Name			Subject Type	Credits
1		2079237120	INDUSTRIAL TRAINING REPORT AND VIVA-VOCE			P	12

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SUBJECT LIST (R2023)

Course Code		Course Name				Semester	
2080		CERAMIC TECHNOLOGY(SANDWICH)				0	
Column Number	Elec	Subject Code	Subject Name			Subject Type	Credits
0	2	2080236112	ENTREPRENEURSHIP AND START-UPS			T	4
0	3	2080236113	INDUSTRIAL ORGANIZATION AND MANAGEMENT			T	4

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**GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
2080		CERAMIC TECHNOLOGY(SANDWICH)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

GOVERNMENT OF TAMIL NADU
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Course Code		Course Name				Semester
2080		CERAMIC TECHNOLOGY(SANDWICH)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		CR232120	BASICS OF CERAMIC ENGINEERING	T	3	
3		MA232431	APPLIED MATHEMATICS - I	P	3	
4		PH232441	APPLIED PHYSICS - I	P	2	
5		CH232451	APPLIED CHEMISTRY - I	P	2	
6		CR232460	BASIC CERAMIC ENGINEERING PRACTICES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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Course Code		Course Name				Semester
2080		CERAMIC TECHNOLOGY(SANDWICH)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		2080233110	GENERAL ENGINEERING	T	3	
2		2080233120	GEOLOGY	T	3	
3		2080233130	CERAMIC RAW MATERIALS	T	3	
4		2080233240	GEOLOGY LABORATORY	P	3	
5		2080233450	CERAMIC RAW MATERIALS ANALYSIS LABORATORY	P	3	
6		2080233260	CERAMIC TESTING LABORATORY	P	2	
7		2080233270	ADVANCED SKILLS CERTIFICATION - III	ASC	2	

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Course Code		Course Name				Semester
2080		CERAMIC TECHNOLOGY(SANDWICH)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		2080234110	UNIT OPERATIONS	T	4	
2		2080234120	ABRASIVES	T	3	
3		2080234330	WHITE WARE AND HEAVY CLAY WARE	PT	3	
4		2080234440	CERAMIC FABRICATION LABORATORY	P	3	
5		2080234250	CERAMIC PRODUCT ANALYSIS LABORATORY	P	3	
6		2080234260	CERAMIC MOULDING LABORATORY	P	2	
7		2080234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

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Course Code		Course Name				Semester
2080		CERAMIC TECHNOLOGY(SANDWICH)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		2080235110	REFRACTORIES	T	3	
2	1	2080235211	PROPERTIES OF CERAMICS	T	3	
2	2	2080235212	MATERIALS SCIENCE	T	3	
2	3	2080235213	GLASS TECHNOLOGY	T	3	
3		2080235430	CERAMIC COATING LABORATORY	P	3	
4		2080235240	REFRACTORIES LABORATORY	P	3	
5	1	2080235251	CERAMIC BODY PREPARATION LABORATORY	P	3	
5	2	2080235252	SLIP TESTING LABORATORY	P	3	
5	3	2080235253	ENAMEL LABORATORY	P	3	
6		2080235460	INNOVATION & STARTUP	P	2	
7		2080235270	INDUSTRIAL TRAINING	P	2	
8		2080235280	ADVANCED SKILLS CERTIFICATION - 5	ASC	1	

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Course Code		Course Name				Semester	
2080		CERAMIC TECHNOLOGY(SANDWICH)				6	
Column Number	Elec	Subject Code	Subject Name			Subject Type	Credits
1	1	2080236111	FURNACE TECHNOLOGY			T	4
2	1	2080236211	SPECIAL CERAMICS			T	4
3		2080236230	IN-HOUSE PROJECT / INTERNSHIP / FELLOWSHIP			P	12

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Course Code		Course Name				Semester	
2080		CERAMIC TECHNOLOGY(SANDWICH)				7	
Column Number	Elec	Subject Code	Subject Name			Subject Type	Credits
1		2080237210	INDUSTRIAL TRAINING REPORT AND VIVA VOCE			P	20

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Course Code		Course Name				Semester
2101		LEATHER TECHNOLOGY (SANDWICH)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

**GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
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Course Code		Course Name				Semester
2101		LEATHER TECHNOLOGY (SANDWICH)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		LT232120	INTRODUCTION TO LEATHER AND LEATHER PRODUCTS	T	4	
3		MA232433	APPLIED MATHEMATICS	P	2	
4		PH232441	APPLIED PHYSICS - I	P	2	
5		CH232451	APPLIED CHEMISTRY - I	P	2	
6		EP232460	BASIC ENGINEERING PRACTICES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

**GOVERNMENT OF TAMIL NADU
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Course Code		Course Name				Semester
2101		LEATHER TECHNOLOGY (SANDWICH)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		2101233110	BASICS OF LEATHER MANUFACTURE	T	3	
2		2101233210	THEORY OF INORGANIC AND ORGANIC TANNAGES	T	3	
3		2101233340	APPLIED LEATHER CHEMISTRY	P	4	
4		2101233420	PRE TANNING PROCESS PRACTICAL	P	3	
5		2101233540	PROCESS OF HEAVY AND SPORTS LEATHER	P	3	
6		2101233620	LEATHER PRODUCTS PRE CLOSING PRACTICAL	P	2	
8		2101233886	HEALTH & WELLNESS	HW	1	

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Course Code		Course Name				Semester
2101		LEATHER TECHNOLOGY (SANDWICH)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		2101234110	THEORY OF POST TANNING AND FINISHING	T	3	
2		2101234210	PROCESS OF LIGHT LEATHER MANUFACTURE	T	3	
3		2101234340	BASICS OF MICROSCOPY AND MICROBIOLOGY	P	3	
4		2101234420	LIGHT LEATHER MANUFACTURE PRACTICAL	P	3	
5		2101234520	LEATHER MACHINES BASIC OPERATION PRACTICAL	P	2	
6		2101234640	LEATHER GOODS AND GARMENT TECHNOLOGY	P	3	
7		2101234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

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Course Code		Course Name				Semester	
2101		LEATHER TECHNOLOGY (SANDWICH)				5	
Column Number	Elec	Subject Code	Subject Name			Subject Type	Credits
1		2101235120	INDUSTRIAL TRAINING			P	12

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Course Code		Course Name				Semester
2101		LEATHER TECHNOLOGY (SANDWICH)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		2101236110	LEATHER CHEMICALS & AUXILIARIES	T	3	
2		2101236210	OCCUPATIONAL SAFETY IN LEATHER AND ALLIED INDUSTRY	T	3	
3		2101236340	FOOTWEAR FABRICATION TECHNOLOGY I	P	4	
4		2101236440	CHEMICAL TESTING OF LEATHER	P	3	
5		2101236540	TANNERY LAYOUT AND LEATHER MACHINES	P	3	
6		2101236620	LEATHER FINISHING PRACTICAL	P	3	
7		2101236881	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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Course Code		Course Name				Semester
2101		LEATHER TECHNOLOGY (SANDWICH)				7
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		2101237110	INDUSTRIAL MANAGEMENT & ENTREPRENEURSHIP DEVELOPMENT	T	3	
2		2101237210	TANNERY EFFLUENT TREATMENT & WASTE MANAGEMENT	T	3	
3		2101237340	FOOTWEAR FABRICATION TECHNOLOGY II	P	3	
4		2101237440	PHYSICAL TESTING OF LEATHER	P	4	
5		2101237520	CLEANER LEATHER PRODUCTION PRACTICAL	P	3	
6		2101237620	PROJECT WORK ASSESSMENT	P	2	
7		2101237881	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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Course Code		Course Name				Semester
2149		ROBOTICS AND AUTOMATION ENGINEERING (SANDWICH)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

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Course Code		Course Name				Semester
2149		ROBOTICS AND AUTOMATION ENGINEERING (SANDWICH)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		EE232120	BASICS OF ELECTRICAL AND ELECTRONICS ENGINEERING	T	3	
3		MA232432	APPLIED MATHEMATICS - II	P	3	
4		PH232442	APPLIED PHYSICS - II	P	2	
5		CH232452	APPLIED CHEMISTRY - II	P	2	
6		EP232460	BASIC ENGINEERING PRACTICES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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Course Code		Course Name				Semester
2149		ROBOTICS AND AUTOMATION ENGINEERING (SANDWICH)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		2049233130	ELECTRONIC CIRCUIT APPLICATIONS	PT	3	
2		2049233230	PRODUCTION TECHNOLOGY	PT	3	
3		2049233320	PROGRAMMING IN C	P	2	
4		2049233440	ELEMENTS OF ELECTRICAL ENGINEERING	P	3	
5		2049233540	MACHINE ELEMENT DESIGN	P	3	
6		2049233640	ANALOG AND DIGITAL CIRCUITS	P	3	
7		2049233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		2049233886	HEALTH & WELLNESS	HW	1	

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Course Code		Course Name				Semester	
2149		ROBOTICS AND AUTOMATION ENGINEERING (SANDWICH)				4	
Column Number	Elec	Subject Code	Subject Name			Subject Type	Credits
1		2049234230	FUNDAMENTALS OF ROBOTICS			PT	3
2		2149234274	INDUSTRIAL TRAINING (SW) - I			P	12

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Course Code		Course Name				Semester
2149		ROBOTICS AND AUTOMATION ENGINEERING (SANDWICH)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		2049234110	ELECTRONIC MEASUREMENTS AND INSTRUMENTATION	T	4	
2		2049235110	SENSORS, ACTUATORS AND FABRICATION OF ROBOT COMPONENTS	T	3	
3		2049234320	CAD FOR ROBOTICS AND AUTOMATION	P	2	
4		2049234420	PYTHON PROGRAMMING FOR ROBOTICS	P	2	
5		2049234540	FLUID POWER AUTOMATION	P	4	
6		2049234640	MICROCONTROLLERS AND APPLICATIONS	P	4	
7	1	2049235341	APPLIED ROBOTICS	P	3	
7	2	2049235342	BIG DATA AND ANALYTICS	P	3	
7	3	1020235542	SYSTEMS APPLICATIONS AND PRODUCT (SAP)	P	3	
8		2049234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

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Course Code		Course Name				Semester
2149		ROBOTICS AND AUTOMATION ENGINEERING (SANDWICH)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		2049235210	INDUSTRIAL INTERNET OF THINGS	T	3	
2	1	6000236111	ADVANCED ENGINEERING MATHEMATICS	T	3	
2	2	6000236112	ENTREPRENEURSHIP	T	3	
2	3	6000236113	PROJECT MANAGEMENT	T	3	
2	4	6000236114	FINANCE FUNDAMENTALS	T	3	
2	5	2049236111	INDUSTRIA LENGINEERING	T	3	
3		2049235440	PLC AND HMI	P	3	
4		2049235540	CIM & CNC PROGRAMMING	P	3	
5	1	2049236241	ADVANCED AUTOMATION	P	3	
5	2	2049236242	AUTOMATION SYSTEM DESIGN	P	3	
5	3	1020236116	ADDITIVE MANUFACTURING	T	3	
6		2049235654	INNOVATION AND START-UPS	P	2	
7		2049235860	ADVANCED SKILLS CERTIFICATION-V	ASC	2	

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Course Code		Course Name				Semester	
2149		ROBOTICS AND AUTOMATION ENGINEERING (SANDWICH)				7	
Column Number	Elec	Subject Code	Subject Name			Subject Type	Credits
1		2049235773	INDUSTRIAL TRAINING			P	2
2		2149237274	INDUSTRIALTRAINING(SW)			P	12

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Course Code		Course Name				Semester
3010		CIVIL ENGINEERING (PART TIME)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		CH231340	BASIC CHEMISTRY	T	3	
4		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
5		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
6		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

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Course Code		Course Name				Semester
3010		CIVIL ENGINEERING (PART TIME)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		PH231330	BASIC PHYSICS	T	3	
3		CE232120	BASICS OF CIVIL ENGINEERING	T	3	
4		MA232431	APPLIED MATHEMATICS - I	P	3	
5		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	

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Course Code		Course Name				Semester
3010		CIVIL ENGINEERING (PART TIME)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1010233110	MECHANICS OF MATERIALS	T	3	
2		1010233210	CONSTRUCTION MATERIALS	T	3	
3		DP232270	DRAFTING PRACTICES	P	2	
4		PH232441	APPLIED PHYSICS - I	P	2	
5		CH232451	APPLIED CHEMISTRY - I	P	2	
6		EP232460	BASIC ENGINEERING PRACTICES	P	2	
7		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

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Course Code		Course Name				Semester
3010		CIVIL ENGINEERING (PART TIME)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1010234110	MECHANICS OF STRUCTURES	T	3	
2		1010233340	SURVEYING PRACTICE	P	3	
3		1010233440	BUILDING PLANNING AND DRAWING	P	3	
4		1010233540	HYDRAULICS LAB	P	3	
5		1010233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	

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Course Code		Course Name				Semester
3010		CIVIL ENGINEERING (PART TIME)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1010234210	TRANSPORTATION ENGINEERING	T	3	
2		1010234330	SOIL MECHANICS AND FOUNDATION ENGINEERING	PT	3	
3		1010233640	MATERIAL TESTING LAB	P	3	
4		1010234540	CONSTRUCTION PRACTICES	P	3	
5		1010234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	
6		1010233886	HEALTH & WELLNESS	HW	1	

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Course Code		Course Name				Semester
3010		CIVIL ENGINEERING (PART TIME)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	1010235211	MECHANICAL, ELECTRICAL AND PLUMBING SERVICES	T	3	
1	2	1010235212	IRRIGATION AND WATER RESOURCE ENGINEERING	T	3	
1	3	1010235213	DEFECTS IN BUILDING AND REMEDIES	T	3	
1	4	1010235214	URBAN PLANNING AND DEVELOPMENT	T	3	
1	5	1010235215	BUILDING BYE LAWS AND STATUTORY DRAWINGS	T	3	
2		1010234440	CONCRETE TECHNOLOGY	P	3	
3		1010235320	COMPUTER APPLICATIONS IN CIVIL ENGINEERING.	P	2	
4		1010234640	ESTIMATION AND COSTING	P	3	
5		1010235860	ADVANCED SKILLS CERTIFICATION - V	ASC	2	

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Course Code		Course Name				Semester
3010		CIVIL ENGINEERING (PART TIME)				7
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1010235110	DESIGN OF RCC STRUCTURES (LIMIT STATE METHOD)	T	4	
2	1	1010236111	ADVANCED ENGINEERING MATHEMATICS	T	3	
2	2	1010236112	ENTREPRENEURSHIP	T	3	
2	3	1010236113	PROJECT MANAGEMENT	T	3	
2	4	1010236114	FINANCE FUNDAMENTALS	T	3	
2	5	1010236115	ADVANCED ENVIRONMENTAL ENGINEERING	T	3	
2	6	1010236116	ADVANCED CONCRETE TECHNOLOGY	T	3	
2	7	1010236117	ADVANCED TRANSPORTATION ENGINEERING	T	3	
2	8	1010236118	ADVANCED SURVEYING	T	3	
3		1010235440	CONSTRUCTION MANAGEMENT AND SAFETY PRACTICE	P	3	
4		1010235540	ENVIRONMENTAL ENGINEERING	P	3	
5		1010235654	INNOVATION AND STARTUP	P	2	
6		1010235773	INDUSTRIAL TRAINING	P	2	

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Course Code		Course Name				Semester
3010		CIVIL ENGINEERING (PART TIME)				8
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	1010236241	ARTIFICIAL INTELLIGENCE AND MACHINE LANGUAGE IN CONSTRUCTION MANAGEMENT	P	3	
1	2	1010236242	STRUCTURAL DETAILING FOR RCC ELEMENTS	P	3	
1	3	1010236243	DESIGN AND DRAWING OF STEEL ELEMENTS	P	3	
2	1	1010236351	INTERNSHIP	P	12	
2	2	1010236353	FELLOWSHIP	P	12	
2	3	1010236374	IN-HOUSE PROJECT	P	12	

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Course Code		Course Name				Semester
3020		MECHANICAL ENGINEERING (PART TIME)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		CH231340	BASIC CHEMISTRY	T	3	
4		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
5		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
6		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

**GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
3020		MECHANICAL ENGINEERING (PART TIME)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		PH231330	BASIC PHYSICS	T	3	
3		ME232120	BASICS OF MECHANICAL ENGINEERING	T	3	
4		MA232431	APPLIED MATHEMATICS - I	P	3	
5		WP231360	BASIC WORKSHOP PRACTICES	P	2	
6		EN232480	COMMUNICATIVE ENGLISH - II	P	2	

**GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
3020		MECHANICAL ENGINEERING (PART TIME)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		DP232270	DRAFTING PRACTICES	P	2	
2		PH232441	APPLIED PHYSICS - I	P	2	
3		CH232451	APPLIED CHEMISTRY - I	P	2	
4		EP232460	BASIC ENGINEERING PRACTICES	P	2	
5		1020233110	MANUFACTURING PROCESS	T	3	
6		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	
7		1020233886	HEALTH & WELLNESS	HW	1	

**GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
3020		MECHANICAL ENGINEERING (PART TIME)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1020233230	STRENGTH OF MATERIALS	PT	4	
2		1020233320	WORKSHOP PRACTICES	P	2	
3		1020233440	INDUSTRIAL DRIVES AND CONTROL	P	3	
4		1020233540	PRODUCTION DRAWING AND MODELING	P	3	
5		1020233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	

GOVERNMENT OF TAMIL NADU
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SUBJECT LIST (R2023)

Course Code		Course Name				Semester
3020		MECHANICAL ENGINEERING (PART TIME)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1020234110	ADVANCED MANUFACTURING TECHNOLOGY	T	3	
2		1020234230	FLUID MECHANICS	PT	3	
3		1020233640	MACHINE TOOL TECHNOLOGY	P	3	
4		1020234440	SENSORS AND ACTUATORS	P	3	
5		1020234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

**GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
3020		MECHANICAL ENGINEERING (PART TIME)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1020235110	ELEMENTS OF MACHINE DESIGN	T	3	
2		1020234540	HEAT POWER ENGINEERING	P	3	
3		1020234640	METROLOGY AND MEASUREMENTS	P	3	
4		1020234320	ADVANCED MANUFACTURING TECHNOLOGY PRACTICAL	P	2	
5		1020235860	ADVANCED SKILLS CERTIFICATION - V	ASC	2	

GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester
3020		MECHANICAL ENGINEERING (PART TIME)				7
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1020235230	INDUSTRIAL ENGINEERING AND MANAGEMENT	PT	4	
2	1	1020235331	MODERN QC TOOLS	PT	3	
2	2	1020235332	COMPOSITE MATERIALS	PT	3	
2	3	1020235333	REFRIGERATION AND AIR-CONDITIONING	PT	3	
2	4	1020235334	VALUE ENGINEERING	PT	3	
2	5	1020235335	GREEN MANUFACTURING	PT	3	
2	6	1020235336	LEAN MANUFACTURING	PT	3	
3		1020235440	MAINTENANCE, REPAIRS & SERVICE	P	3	
4	1	1020235541	CNC PROGRAMMING	P	3	
4	2	1020235542	SYSTEMS APPLICATIONS AND PRODUCT (SAP)	P	3	
4	3	1020235543	INDUSTRIAL IOT	P	3	
4	4	1020235544	ADVANCED WELDING TECHNOLOGIES	P	3	
4	5	1020235545	INDUSTRIAL ROBOTICS	P	3	
4	6	1020235546	HVAC SYSTEMS AND COMPONENTS	P	3	
4	7	1020235547	AUTOMOBILE TECHNOLOGY	P	3	
5		1020235654	INNOVATION & STARTUP	P	2	
6		1020235773	INDUSTRIAL TRAINING	P	2	

GOVERNMENT OF TAMIL NADU
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Course Code		Course Name				Semester
3020		MECHANICAL ENGINEERING (PART TIME)				8
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	6000236111	ADVANCED ENGINEERING MATHEMATICS	T	3	
1	2	6000236112	ENTREPRENEURSHIP	T	3	
1	3	6000236113	PROJECT MANAGEMENT	T	3	
1	4	6000236114	FINANCE FUNDAMENTALS	T	3	
1	5	6000236115	INDUSTRY 4.0	T	3	
1	6	6000236116	ADDITIVE MANUFACTURING	T	3	
1	7	6000236117	POWER PLANT ENGINEERING	T	3	
2	1	1020236241	MEP EQUIPMENT SERVICING	P	3	
2	2	1020236242	MAINTENANCE OF MACHINE TOOLS	P	3	
2	3	1020236243	NON-DESTRUCTIVE TESTING	P	3	
2	4	1020236244	PROCESS AUTOMATION	P	3	
2	5	1020236245	PRODUCT DESIGN & DEVELOPMENT	P	3	
2	6	1020236246	ELECTRIC VEHICLE TECHNOLOGY	P	3	
2	7	1020236247	REVERSE ENGINEERING	P	3	
2	8	1020236248	GREEN ENERGY & ENGINEERING	P	3	
3	1	1020236351	INTERNSHIP	P	12	
3	2	1020236353	FELLOWSHIP	P	12	
3	3	1020236374	IN-HOUSE PROJECT	P	12	

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SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
3030		ELECTRICAL AND ELECTRONICS ENGINEERING (PART TIME)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		CH231340	BASIC CHEMISTRY	T	3	
4		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
5		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
6		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

GOVERNMENT OF TAMIL NADU
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SUBJECT LIST (R2023)

Course Code		Course Name				Semester
3030		ELECTRICAL AND ELECTRONICS ENGINEERING (PART TIME)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		PH231330	BASIC PHYSICS	T	3	
3		EE232120	BASICS OF ELECTRICAL AND ELECTRONICS ENGINEERING	T	3	
4		MA232432	APPLIED MATHEMATICS - II	P	3	
5		WP231360	BASIC WORKSHOP PRACTICES	P	2	
6		EN232480	COMMUNICATIVE ENGLISH - II	P	2	

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Course Code		Course Name				Semester
3030		ELECTRICAL AND ELECTRONICS ENGINEERING (PART TIME)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1030233210	ELECTRICAL CIRCUIT THEORY	T	4	
2		PH232442	APPLIED PHYSICS - II	P	2	
3		CH232452	APPLIED CHEMISTRY - II	P	2	
4		EP232460	BASIC ENGINEERING PRACTICES	P	2	
5		DP232270	DRAFTING PRACTICES	P	2	
6		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

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SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
3030		ELECTRICAL AND ELECTRONICS ENGINEERING (PART TIME)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1030233110	ELECTRICAL MACHINES I	T	4	
2		1030233440	ANALOG AND DIGITAL ELECTRONICS	P	3	
3		1030233620	ELECTRICAL MACHINES I PRACTICAL	P	2	
4		1030233540	PROGRAMMING IN C	P	2	
5		1030233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
6		1030233886	HEALTH & WELLNESS	ASC	1	

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Course Code		Course Name				Semester
3030		ELECTRICAL AND ELECTRONICS ENGINEERING (PART TIME)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1030234110	ELECTRICAL MACHINES II	T	4	
2		1030234210	GENERATION, TRANSMISSION AND DISTRIBUTION	T	4	
3		1030233340	SENSORS AND MEASUREMENT	P	3	
4		1030234620	ELECTRICAL MACHINES II PRACTICAL	P	2	
5		1030234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

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SUBJECT LIST (R2023)

Course Code		Course Name				Semester
3030		ELECTRICAL AND ELECTRONICS ENGINEERING (PART TIME)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1030235210	E-VEHICLE TECHNOLOGY	T	3	
2		1030234340	MICROCONTROLLER AND EMBEDDED SYSTEMS	P	3	
3		1030234540	SERVICING OF ELECTRICAL APPLIANCES	P	2	
4	1	1030235541	IOT AND APPLICATION	P	3	
4	2	1030235542	COMPUTER HARDWARE AND NETWORKING	P	3	
4	3	1030235543	CONTROL OF ELECTRICAL MACHINES	P	3	
4	4	1030235544	AUTO MECHATRONICS	P	3	
4	5	1030235545	MECHANICAL ENGINEERING	P	3	
4	6	1030235546	ESTIMATION, STANDARDS AND REGULATIONS	P	3	
4	7	1030235547	INTER DISCIPLINE COURSE #	P	3	
5		1030235760	ADVANCED SKILLS CERTIFICATION - V	ASC	2	

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Course Code		Course Name				Semester
3030		ELECTRICAL AND ELECTRONICS ENGINEERING (PART TIME)				7
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1030235110	POWER SYSTEM PROTECTION AND UTILIZATION	T	3	
2		1030234440	ELECTRICAL CAD DESIGN	P	3	
3		1030235340	POWER ELECTRONICS	P	3	
4		1030235440	PLC AND AUTOMATION	P	3	
5		1030235654	INNOVATION AND START-UPS	P	2	
6		1030235773	INDUSTRIAL TRAINING	P	2	

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Course Code		Course Name				Semester
3030		ELECTRICAL AND ELECTRONICS ENGINEERING (PART TIME)				8
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	6000236111	ADVANCED ENGINEERING MATHEMATICS	T	3	
1	2	6000236112	ENTREPRENEURSHIP	T	3	
1	3	6000236113	PROJECT MANAGEMENT	T	3	
1	4	6000236114	FINANCE FUNDAMENTALS	T	3	
1	5	6000236115	INDUSTRY 4.0	T	3	
1	6	6000236116	ADDITIVE MANUFACTURING	T	3	
1	7	6000236117	POWER PLANT ENGINEERING	T	3	
2	1	1030236231	HVAC (R & AC)	PT	3	
2	2	1030236232	PCB DESIGN AND ASSEMBLY	PT	3	
2	3	1030236233	ELECTRONICS PRODUCT DESIGN	PT	3	
2	4	1030236234	RENEWABLE ENERGY SYSTEMS	PT	3	
2	5	1030236235	ENERGY CONSERVATION AND AUDITING	PT	3	
2	6	1030236236	ELECTRICAL DRIVES AND CONTROLS	PT	3	
3	1	1030236351	INTERNSHIP	P	12	
3	2	1030236353	FELLOWSHIP	P	12	
3	3	1030236374	IN-HOUSE PROJECT	P	12	

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Course Code		Course Name				Semester
3040		ELECTRONICS AND COMMUNICATION ENGINEERING (PART TIME)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		PH231330	BASIC PHYSICS	T	3	
3		EE232120	BASICS OF ELECTRICAL AND ELECTRONICS ENGINEERING	T	3	
4		MA232432	APPLIED MATHEMATICS - II	P	3	
5		WP231360	BASIC WORKSHOP PRACTICES	P	2	
6		EN232480	COMMUNICATIVE ENGLISH - II	P	2	

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Course Code		Course Name				Semester
3040		ELECTRONICS AND COMMUNICATION ENGINEERING (PART TIME)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1040233210	DIGITAL ELECTRONICS	T	4	
2		1040233420	DIGITAL ELECTRONICS PRACTICAL	P	2	
3		1040233540	LINEAR INTEGRATED CIRCUITS	P	3	
4		DP232270	DRAFTING PRACTICES	P	2	
5		1040233986	HEALTH & WELLNESS	HW	1	
6		1040233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	

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Course Code		Course Name				Semester
3040		ELECTRONICS AND COMMUNICATION ENGINEERING (PART TIME)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1040234110	MICROCONTROLLER	T	4	
2		1040234210	DATA COMMUNICATION AND NETWORKING	T	3	
3		1040234340	BASICS OF COMMUNICATION ENGINEERING	P	3	
4		1040233640	ELECTRICAL CIRCUITS AND MACHINES	P	2	
5		1040234652	MICROCONTROLLER PRACTICAL	P	2	
6		1040234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

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Course Code		Course Name				Semester
3040		ELECTRONICS AND COMMUNICATION ENGINEERING (PART TIME)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1040235130	ADVANCED COMMUNICATION SYSTEMS	PT	3	
2	1	1030235210	E-VEHICLE TECHNOLOGY	T	3	
2	2	1040235312	MEDICAL INSTRUMENTATION	T	3	
2	3	1040235313	DIGITAL COMMUNICATION	T	3	
2	4	1040235314	DIGITAL MANUFACTURING TECHNOLOGY	T	3	
2	5	1040235315	SIGNAL & IMAGE PROCESSING	T	3	
2	6	1040235316	ELECTRONIC SYSTEM DESIGN	T	3	
3		1040234440	MEASURING INSTRUMENTS AND SENSORS	P	3	
4	1	1040235541	INDUSTRIAL AUTOMATION	P	3	
4	2	1040235542	ROBOTICS	P	3	
4	3	1040235543	COMPUTER HARDWARE SERVICING	P	3	
4	4	1040235544	PCB DESIGN & ASSEMBLY	P	3	
4	5	1040235545	INDUSTRIAL IOT	P	3	
4	6	1040235546	MULTIMEDIA SYSTEMS	P	3	
5		1040235860	ADVANCED SKILLS CERTIFICATION - V	ASC	2	

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Course Code		Course Name				Semester
3040		ELECTRONICS AND COMMUNICATION ENGINEERING (PART TIME)				7
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	2	6000236112	ENTREPRENEURSHIP	T	3	
1	3	6000236113	PROJECT MANAGEMENT	T	3	
1	4	6000236114	FINANCE FUNDAMENTALS	T	3	
1	5	1040236115	CONSUMER ELECTRONICS	T	3	
1	6	1040236116	ASIC DESIGN	T	3	
2		1040235230	MOBILE COMMUNICATION	PT	3	
3		1040234540	PROGRAMMING IN C	P	3	
4		1040235440	EMBEDDED SYSTEMS	P	4	
5		1040235652	INNOVATION & STARTUP	P	2	
6		1040235773	INDUSTRIAL TRAINING	P	2	

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Course Code		Course Name				Semester
3040		ELECTRONICS AND COMMUNICATION ENGINEERING (PART TIME)				8
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	1040236241	POWER ELECTRONIC DEVICES	P	3	
1	2	1040236242	VLSI USING VERILOG	P	3	
1	3	1040236243	VIRTUAL INSTRUMENTATION [LAB VIEW]	P	3	
1	4	1040236244	ARTIFICIAL INTELLIGENCE	P	3	
1	5	1040236245	WIRELESS COMMUNICATION	P	3	
1	6	1040236246	VR AND AR	P	3	
2	1	1040236351	INTERNSHIP	P	12	
2	2	1040236353	FELLOWSHIP	P	12	
2	3	1040236374	IN-HOUSE PROJECT	P	12	

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Course Code		Course Name				Semester	
7010		CIVIL ENGINEERNG (TAMIL MEDIUM)				1	
Column Number	Elec	Subject Code	Subject Name			Subject Type	Credits
1		TA231110	TAMIL MARABU			T	2
2		MA231120	BASIC MATHEMATICS			T	4
3		PH231330	BASIC PHYSICS			T	3
4		CH231340	BASIC CHEMISTRY			T	3
5		EN231350	COMMUNICATIVE ENGLISH - I			P	2
6		WP231360	BASIC WORKSHOP PRACTICES			P	2
7		DS231270	DIGITAL WORKPLACE SKILLS			P	2
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY			ASC	2

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Course Code		Course Name				Semester
7010		CIVIL ENGINEERNG (TAMIL MEDIUM)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		CET232120	BASICS OF CIVIL ENGINEERING (TAMIL)	T	3	
3		MA232431	APPLIED MATHEMATICS - I	P	3	
4		PH232441	APPLIED PHYSICS - I	P	2	
5		CH232451	APPLIED CHEMISTRY - I	P	2	
6		EP232460	BASIC ENGINEERING PRACTICES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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Course Code		Course Name				Semester
7010		CIVIL ENGINEERNG (TAMIL MEDIUM)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
3		1010233340	SURVEYING PRACTICE	P	3	
4		1010233440	BUILDING PLANNING AND DRAWING	P	3	
5		1010233540	HYDRAULICS LAB	P	3	
6		1010233640	MATERIAL TESTING LAB	P	3	
7		1010233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		1010233886	HEALTH & WELLNESS	HW	1	

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Course Code		Course Name				Semester
7010		CIVIL ENGINEERNG (TAMIL MEDIUM)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		7010234110	MECHANICS OF STRUCTURES (TAMIL)	T	3	
2		7010234210	TRANSPORTATION ENGINEERING (TAMIL)	T	3	
3		7010234330	SOIL MECHANICS AND FOUNDATION ENGINEERING (TAMIL)	PT	3	
4		1010234440	CONCRETE TECHNOLOGY	P	3	
5		1010234540	CONSTRUCTION PRACTICES	P	3	
6		1010234640	ESTIMATION AND COSTING	P	3	
7		1010234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

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Course Code		Course Name				Semester
7010		CIVIL ENGINEERNG (TAMIL MEDIUM)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		7010235110	DESIGN OF RCC STRUCTURES (LIMIT STATE METHOD) (TAMIL)	T	4	
2	1	7010235211	MECHANICAL, ELECTRICAL, AND PLUMBING SERVICES (TAMIL)	T	3	
2	2	7010235212	IRRIGATION AND WATER RESOURCE ENGINEERING (TAMIL)	T	3	
2	3	7010235213	DEFECTS IN BUILDING AND REMEDIES (TAMIL)	T	3	
2	4	7010235214	URBAN PLANNING AND DEVELOPMENT (TAMIL)	T	3	
2	5	7010235215	BUILDING BYE LAWS AND STATUTORY DRAWINGS (TAMIL)	T	3	
3		1010235320	COMPUTER APPLICATIONS IN CIVIL ENGINEERING.	P	2	
4		1010235440	CONSTRUCTION MANAGEMENT AND SAFETY PRACTICE	P	3	
5		1010235540	ENVIRONMENTAL ENGINEERING	P	3	
6		1010235654	INNOVATION AND STARTUP	P	2	
7		1010235773	INDUSTRIAL TRAINING	P	2	
8		1010235860	ADVANCED SKILLS CERTIFICATION - V	ASC	2	

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Course Code		Course Name				Semester
7010		CIVIL ENGINEERNG (TAMIL MEDIUM)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	6000236111	ADVANCED ENGINEERING MATHEMATICS	T	3	
1	2	6000236112	ENTREPRENEURSHIP	T	3	
1	3	6000236113	PROJECT MANAGEMENT	T	3	
1	4	6000236114	FINANCE FUNDAMENTALS	T	3	
1	5	1010236115	ADVANCED ENVIRONMENTAL ENGINEERING	T	3	
1	6	1010236116	ADVANCED CONCRETE TECHNOLOGY	T	3	
1	7	1010236117	ADVANCED TRANSPORTATION ENGINEERING	T	3	
1	8	1010236118	ADVANCED SURVEYING	T	3	
2	1	1010236241	ARTIFICIAL INTELLIGENCE AND MACHINE LANGUAGE IN CONSTRUCTION MANAGEMENT	P	3	
2	2	1010236242	STRUCTURAL DETAILING FOR RCC ELEMENTS	P	3	
2	3	1010236243	DESIGN AND DRAWING OF STEEL ELEMENTS	P	3	
3	1	1010236351	INTERNSHIP	P	12	
3	2	1010236353	FELLOWSHIP	P	12	
3	3	1010236374	IN-HOUSE PROJECT	P	12	

GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester
7020		MECHANICAL ENGINEERING (TAMIL MEDIUM)				1
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA231110	TAMIL MARABU	T	2	
2		MA231120	BASIC MATHEMATICS	T	4	
3		PH231330	BASIC PHYSICS	T	3	
4		CH231340	BASIC CHEMISTRY	T	3	
5		EN231350	COMMUNICATIVE ENGLISH - I	P	2	
6		WP231360	BASIC WORKSHOP PRACTICES	P	2	
7		DS231270	DIGITAL WORKPLACE SKILLS	P	2	
8		BE231280	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

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Course Code		Course Name				Semester
7020		MECHANICAL ENGINEERING (TAMIL MEDIUM)				2
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		TA232110	TAMILS AND TECHNOLOGY	T	2	
2		MET232120	BASICS OF MECHANICAL ENGINEERING (TAMIL)	T	3	
3		MA232431	APPLIED MATHEMATICS - I	P	3	
4		PH232441	APPLIED PHYSICS - I	P	2	
5		CH232451	APPLIED CHEMISTRY - I	P	2	
6		EP232460	BASIC ENGINEERING PRACTICES	P	2	
7		DP232270	DRAFTING PRACTICES	P	2	
8		EN232480	COMMUNICATIVE ENGLISH - II	P	2	
9		BE232290	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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Course Code		Course Name				Semester
7020		MECHANICAL ENGINEERING (TAMIL MEDIUM)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
3		1020233320	WORKSHOP PRACTICES	P	2	
4		1020233440	INDUSTRIAL DRIVES AND CONTROL	P	3	
5		1020233540	PRODUCTION DRAWING AND MODELING	P	3	
6		1020233640	MACHINE TOOL TECHNOLOGY	P	3	
7		1020233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		1020233886	HEALTH & WELLNESS	HW	1	

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SUBJECT LIST (R2023)

Course Code		Course Name				Semester
7020		MECHANICAL ENGINEERING (TAMIL MEDIUM)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		7020234110	ADVANCED MANUFACTURING TECHNOLOGY (TAMIL)	T	3	
2		7020234230	FLUID MECHANICS (TAMIL)	PT	3	
3		1020234320	ADVANCED MANUFACTURING TECHNOLOGY PRACTICAL	P	2	
4		1020234440	SENSORS AND ACTUATORS	P	3	
5		1020234540	HEAT POWER ENGINEERING	P	3	
6		1020234640	METROLOGY AND MEASUREMENTS	P	3	
7		1020234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

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SUBJECT LIST (R2023)

Course Code		Course Name				Semester
7020		MECHANICAL ENGINEERING (TAMIL MEDIUM)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		7020235110	ELEMENTS OF MACHINE DESIGN (TAMIL)	T	3	
2		7020235230	INDUSTRIAL ENGINEERING AND MANAGEMENT (TAMIL)	PT	4	
3	1	7020235331	MODERN QC TOOLS (TAMIL)	PT	3	
3	2	7020235332	COMPOSITE MATERIALS (TAMIL)	PT	3	
3	3	7020235333	REFRIGERATION AND AIR-CONDITIONING (TAMIL)	PT	3	
3	4	7020235334	VALUE ENGINEERING (TAMIL)	PT	3	
3	5	7020235335	GREEN MANUFACTURING (TAMIL)	PT	3	
3	6	7020235336	LEAN MANUFACTURING (TAMIL)	PT	3	
4		1020235440	MAINTENANCE, REPAIRS & SERVICE	P	3	
5	1	1020235541	CNC PROGRAMMING	P	3	
5	2	1020235542	SYSTEMS APPLICATIONS AND PRODUCT (SAP)	P	3	
5	3	1020235543	INDUSTRIAL IOT	P	3	
5	4	1020235544	ADVANCED WELDING TECHNOLOGIES	P	3	
5	5	1020235545	INDUSTRIAL ROBOTICS	P	3	
5	6	1020235546	HVAC SYSTEMS AND COMPONENTS	P	3	
5	7	1020235547	AUTOMOBILE TECHNOLOGY	P	3	
6		1020235654	INNOVATION & STARTUP	P	2	
7		1020235773	INDUSTRIAL TRAINING	P	2	

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SUBJECT LIST (R2023)

Course Code		Course Name				Semester	
7020		MECHANICAL ENGINEERING (TAMIL MEDIUM)				5	
Column Number	Elec	Subject Code	Subject Name			Subject Type	Credits
8		1020235860	ADVANCED SKILLS CERTIFICATION - V			ASC	2

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Course Code		Course Name				Semester
7020		MECHANICAL ENGINEERING (TAMIL MEDIUM)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	6001236111			3	
1	2	6001236112	ENTREPRENEURSHIP (TAMIL)	T	3	
1	3	6000236113	PROJECT MANAGEMENT	T	3	
1	4	6000236114	FINANCE FUNDAMENTALS	T	3	
1	5	1020236115	INDUSTRY 4.0	T	3	
1	6	1020236116	ADDITIVE MANUFACTURING	T	3	
1	7	1020236117	POWER PLANT ENGINEERING	T	3	
2	1	1020236241	MEP EQUIPMENT SERVICING	P	3	
2	2	1020236242	MAINTENANCE OF MACHINE TOOLS	P	3	
2	3	1020236243	NON-DESTRUCTIVE TESTING	P	3	
2	4	1020236244	PROCESS AUTOMATION	P	3	
2	5	1020236245	PRODUCT DESIGN & DEVELOPMENT	P	3	
2	6	1020236246	ELECTRIC VEHICLE TECHNOLOGY	P	3	
2	7	1020236247	REVERSE ENGINEERING	P	3	
2	8	1020236248	GREEN ENERGY & ENGINEERING	P	3	
3	1	1020236351	INTERNSHIP	P	12	
3	2	1020236353	FELLOWSHIP	P	12	
3	3	1020236374	IN-HOUSE PROJECT	P	12	

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Course Code		Course Name				Semester	
7020		MECHANICAL ENGINEERING (TAMIL MEDIUM)				6	
Column Number	Elec	Subject Code	Subject Name			Subject Type	Credits
3	4	2020234274	INDUSTRIAL TRAINING (SW)			P	12

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SUBJECT LIST (R2023)

Course Code		Course Name				Semester
8020		MECHANICAL ENGINEERING (WORKING PROFESSIONALS)				3
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1020233110	MANUFACTURING PROCESS	T	3	
2		1020233230	STRENGTH OF MATERIALS	PT	4	
3		1020233320	WORKSHOP PRACTICES	P	2	
4		1020233440	INDUSTRIAL DRIVES AND CONTROL	P	3	
5		1020233540	PRODUCTION DRAWING AND MODELING	P	3	
6		1020233640	MACHINE TOOL TECHNOLOGY	P	3	
7		1020233760	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		1020233886	HEALTH & WELLNESS	HW	1	

**GOVERNMENT OF TAMIL NADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
8020		MECHANICAL ENGINEERING (WORKING PROFESSIONALS)				4
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1020234110	ADVANCED MANUFACTURING TECHNOLOGY	T	3	
2		1020234230	FLUID MECHANICS	PT	3	
3		1020234320	ADVANCED MANUFACTURING TECHNOLOGY PRACTICAL	P	2	
4		1020234440	SENSORS AND ACTUATORS	P	3	
5		1020234540	HEAT POWER ENGINEERING	P	3	
6		1020234640	METROLOGY AND MEASUREMENTS	P	3	
7		1020234760	ADVANCED SKILLS CERTIFICATION - IV	ASC	2	

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Course Code		Course Name				Semester
8020		MECHANICAL ENGINEERING (WORKING PROFESSIONALS)				5
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		1020235110	ELEMENTS OF MACHINE DESIGN	T	3	
2		1020235230	INDUSTRIAL ENGINEERING AND MANAGEMENT	PT	4	
3	1	1020235331	MODERN QC TOOLS	PT	3	
3	2	1020235332	COMPOSITE MATERIALS	PT	3	
3	3	1020235333	REFRIGERATION AND AIR-CONDITIONING	PT	3	
3	4	1020235334	VALUE ENGINEERING	PT	3	
3	5	1020235335	GREEN MANUFACTURING	PT	3	
3	6	1020235336	LEAN MANUFACTURING	PT	3	
3	7	7			3	
4		1020235440	MAINTENANCE, REPAIRS & SERVICE	P	3	
5	1	1020235541	CNC PROGRAMMING	P	3	
5	2	1020235542	SYSTEMS APPLICATIONS AND PRODUCT (SAP)	P	3	
5	3	1020235543	INDUSTRIAL IOT	P	3	
5	4	1020235544	ADVANCED WELDING TECHNOLOGIES	P	3	
5	5	1020235545	INDUSTRIAL ROBOTICS	P	3	
5	6	1020235546	HVAC SYSTEMS AND COMPONENTS	P	3	
5	7	1020235547	AUTOMOBILE TECHNOLOGY	P	3	
6		1020235654	INNOVATION & STARTUP	P	2	

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SUBJECT LIST (R2023)

Course Code		Course Name				Semester	
8020		MECHANICAL ENGINEERING (WORKING PROFESSIONALS)				5	
Column Number	Elec	Subject Code	Subject Name			Subject Type	Credits
7		1020235773	INDUSTRIAL TRAINING			P	2
8		1020235860	ADVANCED SKILLS CERTIFICATION - V			ASC	2

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SUBJECT LIST (R2023)

Course Code		Course Name				Semester
8020		MECHANICAL ENGINEERING (WORKING PROFESSIONALS)				6
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	6000236111	ADVANCED ENGINEERING MATHEMATICS	T	3	
1	2	6000236112	ENTREPRENEURSHIP	T	3	
1	3	6000236113	PROJECT MANAGEMENT	T	3	
1	4	6000236114	FINANCE FUNDAMENTALS	T	3	
1	5	1020236115	INDUSTRY 4.0	T	3	
1	6	1020236116	ADDITIVE MANUFACTURING	T	3	
1	7	1020236117	POWER PLANT ENGINEERING	T	3	
2	1	1020236241	MEP EQUIPMENT SERVICING	P	3	
2	2	1020236242	MAINTENANCE OF MACHINE TOOLS	P	3	
2	3	1020236243	NON-DESTRUCTIVE TESTING	P	3	
2	4	1020236244	PROCESS AUTOMATION	P	3	
2	5	1020236245	PRODUCT DESIGN & DEVELOPMENT	P	3	
2	6	1020236246	ELECTRIC VEHICLE TECHNOLOGY	P	3	
2	7	1020236247	REVERSE ENGINEERING	P	3	
2	8	1020236248	GREEN ENERGY & ENGINEERING	P	3	
3	1	1020236351	INTERNSHIP	P	12	
3	2	1020236353	FELLOWSHIP	P	12	
3	3	1020236374	IN-HOUSE PROJECT	P	12	

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DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025
SUBJECT LIST (R2023)

Course Code		Course Name				Semester	
8020		MECHANICAL ENGINEERING (WORKING PROFESSIONALS)				6	
Column Number	Elec	Subject Code	Subject Name			Subject Type	Credits
3	4	2020234274	INDUSTRIAL TRAINING (SW)			P	12

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