

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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<b>1014</b>		<b>INTERIOR DECORATION (FULL TIME)</b>				<b>2</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>TA232110</b>	TAMILS AND TECHNOLOGY	T	2	
2		<b>AA232120</b>	THEORY OF ARCHITECTURE	T	3	
3		<b>MA232431</b>	APPLIED MATHEMATICS - I	P	3	
4		<b>AA232440</b>	BASIC DESIGN & VISUAL ARTS	P	2	
5		<b>AA232260</b>	ARCHITECTURAL DRAWING - I	P	2	
6		<b>DP232270</b>	DRAFTING PRACTICES	P	2	
7		<b>EN232480</b>	COMMUNICATIVE ENGLISH - II	P	2	
8		<b>BE232290</b>	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
<b>1014</b>		<b>INTERIOR DECORATION (FULL TIME)</b>				<b>3</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>1014233110</b>	EVOLUTION OF INTERIOR DESIGN - I	T	3	
2		<b>1014233210</b>	THEORY OF INTERIOR DESIGN	T	3	
3		<b>1014233330</b>	INTERIOR SERVICES - I	T	3	
4		<b>1014233420</b>	FREE HAND SKETCHING	P	2	
5		<b>1014233520</b>	INTERIOR DESIGN STUDIO-I	P	2	
6		<b>1014233620</b>	COMPUTER APPLICATION IN	P	2	
7		<b>1014233740</b>	MATERIALS AND CONSTRUCTION - I	P	2	
8		<b>1012233860</b>	ADVANCED SKILLS CERTIFICATION - III	ASC	2	

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

Course Code		Course Name				Semester
<b>1014</b>		<b>INTERIOR DECORATION (FULL TIME)</b>				<b>4</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>1012234110</b>	EVOLUTION OF INTERIOR DESIGN - II	T	3	
2		<b>1012234210</b>	HISTORY OF ARCHITECTURE - II	T	3	
3		<b>1012234330</b>	BUILDING SERVICES	PT	3	
4		<b>1012234420</b>	INTERIOR DESIGN STUDIO - II	P	3	
5		<b>1012234520</b>	COMPUTER STUDIO - II	P	2	
6		<b>1012234640</b>	ENVIRONMENTAL SCIENCE FOR ARCHITECTURE	P	2	
7		<b>1012234740</b>	BUILDING CONSTRUCTION AND DETAILING - II	P	3	
8		<b>1012234860</b>	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
<b>1014</b>		<b>INTERIOR DECORATION (FULL TIME)</b>				<b>5</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>1012235110</b>	CREATIVTE ARTS AND CRAFTS	T	3	
2		<b>1012235210</b>	QUANTITY SURVEYING AND COST ESTIMATION	T	3	
3	1	<b>1012235311</b>	THEORY OF DESIGN	T	3	
3	2	<b>1012235312</b>	VERNACULAR ARCHITECTURE	T	3	
3	3	<b>1012235313</b>	PROFESSIONAL PRACTICE	T	3	
3	4	<b>1012235314</b>	TOWN PLANNING	T	3	
3	5	<b>1012235315</b>	HUMAN SETTLEMENT & PLANNING	T	3	
3	6	<b>1014235311</b>	INTERIOR LANDSCAPE	T	3	
3	7	<b>1014235312</b>	INTERIOR OF HERITAGE STRUCTURES	T	3	
3	8	<b>1014235313</b>	MODULAR DESIGN	T	3	
3	9	<b>1014235314</b>	TEXTILE DESIGN	T	3	
4		<b>1012235420</b>	INTERIOR DESIGN STUDIO - III	P	3	
5		<b>1012235520</b>	COMPUTER STUDIO-III	P	2	
6	1	<b>1012235641</b>	ARCHITECTURAL MODEL MAKING	P	3	
6	2	<b>1012235642</b>	FURNITURE DESIGN	P	3	
6	3	<b>1012235643</b>	SITE PLANNING	P	3	
6	4	<b>1012235644</b>	STRUCTURAL DETAILING AND DRAWING	P	3	
6	5	<b>1012235645</b>	SPACE PLANNING	P	3	

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SUBJECT LIST (R2023)**

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

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

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

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Course Code		Course Name				Semester
<b>1015</b>		<b>ARCHITECTURE (FULL TIME)</b>				<b>1</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>TA231110</b>	TAMIL MARABU	T	2	
2		<b>MA231120</b>	BASIC MATHEMATICS	T	4	
3		<b>PH231330</b>	BASIC PHYSICS	T	3	
4		<b>CH231340</b>	BASIC CHEMISTRY	T	3	
5		<b>EN231350</b>	COMMUNICATIVE ENGLISH - I	P	2	
6		<b>WP231360</b>	BASIC WORKSHOP PRACTICES	P	2	
7		<b>DS231270</b>	DIGITAL WORKPLACE SKILLS	P	2	
8		<b>BE231280</b>	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
<b>1015</b>		<b>ARCHITECTURE (FULL TIME)</b>				<b>2</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>TA232110</b>	TAMILS AND TECHNOLOGY	T	2	
2		<b>AA232120</b>	THEORY OF ARCHITECTURE	T	4	
3		<b>MA232431</b>	APPLIED MATHEMATICS - I	P	3	
4		<b>AA232440</b>	BASIC DESIGN & VISUAL ARTS	P	3	
5		<b>AA232260</b>	ARCHITECTURAL DRAWING - I	P	2	
6		<b>DP232270</b>	DRAFTING PRACTICES	P	2	
7		<b>EN232480</b>	COMMUNICATIVE ENGLISH - II	P	2	
8		<b>BE232290</b>	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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SUBJECT LIST (R2023)**

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

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SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
<b>1015</b>		<b>ARCHITECTURE (FULL TIME)</b>				<b>4</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>1012234110</b>	EVOLUTION OF INTERIOR DESIGN - II	T	4	
2		<b>1012234210</b>	HISTORY OF ARCHITECTURE - II	T	3	
3		<b>1012234330</b>	BUILDING SERVICES	PT	3	
4		<b>1012234420</b>	INTERIOR DESIGN STUDIO - II	P	2	
5		<b>1012234520</b>	COMPUTER STUDIO - II	P	2	
6		<b>1012234640</b>	ENVIRONMENTAL SCIENCE FOR ARCHITECTURE	P	2	
7		<b>1012234740</b>	BUILDING CONSTRUCTION AND DETAILING - II	P	3	
8		<b>1012234860</b>	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
<b>1015</b>		<b>ARCHITECTURE (FULL TIME)</b>				<b>5</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>1012235110</b>	CREATITVE ARTS AND CRAFTS	T	4	
2		<b>1012235210</b>	QUANTITY SURVEYING AND COST ESTIMATION	T	3	
3	1	<b>1012235311</b>	THEORY OF DESIGN	T	3	
3	2	<b>1012235312</b>	VERNACULAR ARCHITECTURE	T	3	
3	3	<b>1012235313</b>	PROFESSIONAL PRACTICE	T	3	
3	4	<b>1012235314</b>	TOWN PLANNING	T	3	
3	5	<b>1012235315</b>	HUMAN SETTLEMENT & PLANNING	T	3	
4		<b>1012235420</b>	INTERIOR DESIGN STUDIO - III	P	2	
5		<b>1012235520</b>	COMPUTER STUDIO-III	P	2	
6	1	<b>1012235641</b>	ARCHITECTURAL MODEL MAKING	P	3	
6	2	<b>1012235642</b>	FURNITURE DESIGN	P	3	
6	3	<b>1012235643</b>	SITE PLANNING	P	3	
6	4	<b>1012235644</b>	STRUCTURAL DETAILING AND DRAWING	P	3	
6	5	<b>1012235645</b>	SPACE PLANNING	P	3	
7		<b>1012235754</b>	INNOVATION & STARTUP	P	2	
8		<b>1012235873</b>	INDUSTRIAL TRAINING	P	2	
9		<b>1012235960</b>	ADVANCED SKILLS CERTIFICATION - V	ASC	2	

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

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

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**SUBJECT LIST (R2023)**

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

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Course Code		Course Name				Semester
<b>1020</b>		<b>MECHANICAL ENGINEERING (FULL TIME)</b>				<b>2</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>TA232110</b>	TAMILS AND TECHNOLOGY	T	2	
2		<b>ME232120</b>	BASICS OF MECHANICAL ENGINEERING	T	3	
3		<b>MA232431</b>	APPLIED MATHEMATICS - I	P	3	
4		<b>PH232441</b>	APPLIED PHYSICS - I	P	2	
5		<b>CH232451</b>	APPLIED CHEMISTRY - I	P	2	
6		<b>EP232460</b>	BASIC ENGINEERING PRACTICES	P	2	
7		<b>DP232270</b>	DRAFTING PRACTICES	P	2	
8		<b>EN232480</b>	COMMUNICATIVE ENGLISH - II	P	2	
9		<b>BE232290</b>	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
<b>1020</b>		<b>MECHANICAL ENGINEERING (FULL TIME)</b>				<b>3</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>1020233110</b>	MANUFACTURING PROCESS	T	3	
2		<b>1020233230</b>	STRENGTH OF MATERIALS	PT	4	
3		<b>1020233320</b>	WORKSHOP PRACTICES	P	2	
4		<b>1020233440</b>	INDUSTRIAL DRIVES AND CONTROL	P	3	
5		<b>1020233540</b>	PRODUCTION DRAWING AND MODELING	P	3	
6		<b>1020233640</b>	MACHINE TOOL TECHNOLOGY	P	3	
7		<b>1020233760</b>	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		<b>1020233886</b>	HEALTH & WELLNESS	HW	1	

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

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**SUBJECT LIST (R2023)**

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

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

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**SUBJECT LIST (R2023)**

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

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**SUBJECT LIST (R2023)**

Course Code		Course Name				Semester	
<b>1020</b>		<b>MECHANICAL ENGINEERING (FULL TIME)</b>				<b>6</b>	
Column Number	Elec	Subject Code	Subject Name			Subject Type	Credits
3	4	<b>2020234274</b>	INDUSTRIAL TRAINING (SW)			P	12

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Course Code		Course Name				Semester
<b>1021</b>		<b>AUTOMOBILE ENGINEERING (FULL TIME)</b>				<b>1</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>TA231110</b>	TAMIL MARABU	T	2	
2		<b>MA231120</b>	BASIC MATHEMATICS	T	4	
3		<b>PH231330</b>	BASIC PHYSICS	T	3	
4		<b>CH231340</b>	BASIC CHEMISTRY	T	3	
5		<b>EN231350</b>	COMMUNICATIVE ENGLISH - I	P	2	
6		<b>WP231360</b>	BASIC WORKSHOP PRACTICES	P	2	
7		<b>DS231270</b>	DIGITAL WORKPLACE SKILLS	P	2	
8		<b>BE231280</b>	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
<b>1021</b>		<b>AUTOMOBILE ENGINEERING (FULL TIME)</b>				<b>2</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>TA232110</b>	TAMILS AND TECHNOLOGY	T	2	
2		<b>ME232120</b>	BASICS OF MECHANICAL ENGINEERING	T	3	
3		<b>MA232431</b>	APPLIED MATHEMATICS - I	P	3	
4		<b>PH232441</b>	APPLIED PHYSICS - I	P	2	
5		<b>CH232451</b>	APPLIED CHEMISTRY - I	P	2	
6		<b>EP232460</b>	BASIC ENGINEERING PRACTICES	P	2	
7		<b>DP232270</b>	DRAFTING PRACTICES	P	2	
8		<b>EN232480</b>	COMMUNICATIVE ENGLISH - II	P	2	
9		<b>BE232290</b>	ADVANCED SKILLS CERTIFICATION - II	ASC	2	

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

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

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SUBJECT LIST (R2023)**

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

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

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

Course Code		Course Name				Semester
<b>1021</b>		<b>AUTOMOBILE ENGINEERING (FULL TIME)</b>				<b>6</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	<b>1021236110</b>	INDUSTRIAL MANAGEMENT AND TRANSPORT ENGINEERING	T	3	
2	1	<b>1021236241</b>	VEHICLE TESTING	P	3	
2	2	<b>1021236242</b>	EARTHMOVINGEQUIPMENTS	P	3	
2	3	<b>1020236243</b>	NON-DESTRUCTIVE TESTING	P	3	
2	4	<b>1020236244</b>	PROCESS AUTOMATION	P	3	
2	5	<b>1021236245</b>	ADDITIVEMANUFACTURINGPRACTICAL	P	3	
2	6	<b>1021236246</b>	ELECTRICALVEHICLETECHNOLOGYPRACTICAL	P	3	
3	1	<b>1021236351</b>	INTERNSHIP	P	12	
3	2	<b>1021236353</b>	FELLOWSHIP	P	12	
3	3	<b>1021236374</b>	IN-HOUSEPROJECT	P	12	
3	4	<b>2020234274</b>	INDUSTRIAL TRAINING (SW)	P	12	

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

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

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

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

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

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

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

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

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

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

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

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

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

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**SUBJECT LIST (R2023)**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Course Code		Course Name				Semester
<b>1030</b>		<b>ELECTRICAL AND ELECTRONICS ENGINEERING (FULL TIME)</b>				<b>4</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>1030234110</b>	ELECTRICAL MACHINES II	T	4	
2		<b>1030234210</b>	GENERATION, TRANSMISSION AND DISTRIBUTION	T	4	
3		<b>1030234340</b>	MICROCONTROLLER AND EMBEDDED SYSTEMS	P	3	
4		<b>1030234440</b>	ELECTRICAL CAD DESIGN	P	3	
5		<b>1030234540</b>	SERVICING OF ELECTRICAL APPLIANCES	P	2	
6		<b>1030234620</b>	ELECTRICAL MACHINES II PRACTICAL	P	2	
7		<b>1030234760</b>	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
<b>1030</b>		<b>ELECTRICAL AND ELECTRONICS ENGINEERING (FULL TIME)</b>				<b>5</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>1030235110</b>	POWER SYSTEM PROTECTION AND UTILIZATION	T	3	
2		<b>1030235210</b>	E-VEHICLE TECHNOLOGY	T	3	
3		<b>1030235340</b>	POWER ELECTRONICS	P	3	
4		<b>1030235440</b>	PLC AND AUTOMATION	P	3	
5	1	<b>1030235541</b>	IOT AND APPLICATION	P	3	
5	2	<b>1030235542</b>	COMPUTER HARDWARE AND NETWORKING	P	3	
5	3	<b>1030235543</b>	CONTROL OF ELECTRICAL MACHINES	P	3	
5	4	<b>1030235544</b>	AUTO MECHATRONICS	P	3	
5	5	<b>1030235545</b>	MECHANICAL ENGINEERING	P	3	
5	6	<b>1030235546</b>	ESTIMATION, STANDARDS AND REGULATIONS	P	3	
5	8	<b>1030235548</b>	ADVANCED MICROCONTROLLER	P	3	
6		<b>1030235654</b>	INNOVATION AND START-UPS	P	2	
7		<b>1030235773</b>	INDUSTRIAL TRAINING	P	2	
8		<b>1030235860</b>	ADVANCED SKILLS CERTIFICATION - V	ASC	2	

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

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

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**SUBJECT LIST (R2023)**

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

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**SUBJECT LIST (R2023)**

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

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

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**SUBJECT LIST (R2023)**

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

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

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

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**SUBJECT LIST (R2023)**

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

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**SUBJECT LIST (R2023)**

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

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

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

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

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

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

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

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

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

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

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

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

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**SUBJECT LIST (R2023)**

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

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

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

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

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

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

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

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

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SUBJECT LIST (R2023)**

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

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**SUBJECT LIST (R2023)**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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**SUBJECT LIST (R2023)**

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

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

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

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

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

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

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

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

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

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

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

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

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

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SUBJECT LIST (R2023)**

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

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SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
<b>1054</b>		<b>3D ANIMATION AND GRAPHICS (FULL TIME)</b>				<b>4</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>1054234110</b>	ELEMENTS OF FILM MAKING	T	4	
2		<b>1054234210</b>	FUNDAMENTALS OF 3D GRAPHIC TECHNIQUES	T	4	
3		<b>1054234340</b>	UX DESIGNING AND E-PUBLISHING	P	2	
4		<b>1054234440</b>	DIGITAL VIDEO EDITING	P	3	
5		<b>1054234550</b>	2D DIGITAL ANIMATION	P	3	
6		<b>1054234620</b>	3D DESIGNING & ANIMATION	P	3	
7		<b>1054234760</b>	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
<b>1054</b>		<b>3D ANIMATION AND GRAPHICS (FULL TIME)</b>				<b>5</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>1054235110</b>	ADVANCED 3D GRAPHICS TECHNIQUES CORE - I	T	4	
2		<b>1054235210</b>	ADVANCED 3D GRAPHICS TECHNIQUES CORE - II	T	3	
3		<b>1054235320</b>	3D MODELING& TEXTURING TECHNIQUES	P	2	
4		<b>1054235420</b>	3D RIGGING ANIMATION TECHNIQUES	P	3	
5		<b>1054235520</b>	3D LIGHTING RENDERING TECHNIQUES	P	3	
6		<b>1054235654</b>	INNOVATION & STARTUP	P	2	
7		<b>1054235773</b>	INDUSTRIAL TRAINING	P	2	
8		<b>1054235960</b>	ADVANCED SKILLS CERTIFICATION - V	ASC	2	

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

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

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

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**SUBJECT LIST (R2023)**

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

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

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

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

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**SUBJECT LIST (R2023)**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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**SUBJECT LIST (R2023)**

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

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SUBJECT LIST (R2023)**

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

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

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

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

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

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

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SUBJECT LIST (R2023)**

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

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

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

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**SUBJECT LIST (R2023)**

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

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

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

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

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

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Course Code		Course Name				Semester
<b>1060</b>		<b>TEXTILE TECHNOLOGY (FULL TIME)</b>				<b>5</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>1060235110</b>	TEXTILE TESTING	T	3	
2	1	<b>1060235211</b>	TECHNICAL TEXTILES	T	4	
2	2	<b>1060235212</b>	MEDICAL TEXTILES	T	4	
2	3	<b>1060235213</b>	PROCESS CONTROL IN SPINNING	T	4	
3		<b>1060235320</b>	TEXTILE TESTING PRACTICAL	P	3	
4		<b>1060235440</b>	GARMENT MANUFACTURE TECHNOLOGY	P	4	
5		<b>1060235540</b>	KNITTING TECHNOLOGY	P	2	
6		<b>1060235640</b>	INNOVATION& STARTUP	P	2	
7		<b>1060235773</b>	INDUSTRIAL TRAINING	P	2	
8		<b>1060235860</b>	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
<b>1060</b>		<b>TEXTILE TECHNOLOGY (FULL TIME)</b>				<b>6</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	<b>6000236111</b>	ADVANCED ENGINEERING MATHEMATICS	T	3	
1	2	<b>6000236112</b>	ENTREPRENEURSHIP	T	3	
1	3	<b>1060236113</b>	TEXTILE MANAGEMENT AND INDUSTRIAL ENGINEERING	T	3	
2	1	<b>1060236241</b>	BASICS OF FASHION DESIGN	P	3	
2	2	<b>1060236242</b>	FASHION DRAPING AND TECHNIQUES	P	3	
2	3	<b>1060236243</b>	SURFACE ORNAMENTATION ON FABRICS	P	3	
3	1	<b>1060236351</b>	INTERNSHIP	P	12	
3	2	<b>1060236353</b>	FELLOWSHIP	P	12	
3	3	<b>1060236374</b>	IN HOUSE PROJECT WORK	P	12	

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**SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
<b>1061</b>		<b>TEXTILE PROCESSING (FULL TIME)</b>				<b>1</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>TA231110</b>	TAMIL MARABU	T	2	
2		<b>MA231120</b>	BASIC MATHEMATICS	T	4	
3		<b>PH231330</b>	BASIC PHYSICS	T	3	
4		<b>CH231340</b>	BASIC CHEMISTRY	T	3	
5		<b>EN231350</b>	COMMUNICATIVE ENGLISH - I	P	2	
6		<b>WP231360</b>	BASIC WORKSHOP PRACTICES	P	2	
7		<b>DS231270</b>	DIGITAL WORKPLACE SKILLS	P	2	
8		<b>BE231280</b>	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
<b>1061</b>		<b>TEXTILE PROCESSING (FULL TIME)</b>				<b>2</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>TA232110</b>	TAMILS AND TECHNOLOGY	T	2	
2		<b>TT232120</b>	BASICS OF TEXTILE TECHNOLOGY	T	3	
3		<b>MA232431</b>	APPLIED MATHEMATICS - I	P	3	
4		<b>PH232441</b>	APPLIED PHYSICS - I	P	2	
5		<b>CH232451</b>	APPLIED CHEMISTRY - I	P	2	
6		<b>TT232460</b>	BASICS OF TEXTILE MACHINERIES	P	2	
7		<b>DP232270</b>	DRAFTING PRACTICES	P	2	
8		<b>EN232480</b>	COMMUNICATIVE ENGLISH - II	P	2	
9		<b>BE232290</b>	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
<b>1061</b>		<b>TEXTILE PROCESSING (FULL TIME)</b>				<b>3</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>1060233110</b>	FIBRE SCIENCE AND TECHNOLOGY	T	3	
2		<b>1061233210</b>	PRETREATMENT FOR TEXTILE COLOURATION	T	3	
3		<b>1061233310</b>	DYEING OF NATURAL FIBRES	T	4	
4		<b>1061233420</b>	FIBRE AND CHEMICAL ANALYSIS	P	2	
5		<b>1061233520</b>	CHEMICAL PREPARATORY PROCESSES FOR TEXTILES	P	3	
6		<b>1061233620</b>	TECHNOLOGY OF NATURAL FIBRE DYEING	P	3	
7		<b>1061233760</b>	ADVANCED SKILLS CERTIFICATION	ASC	2	
8		<b>1061233886</b>	HEALTH & WELLNESS	HW	1	

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Course Code		Course Name				Semester
<b>1061</b>		<b>TEXTILE PROCESSING (FULL TIME)</b>				<b>4</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>1061234110</b>	DYEING OF MAN MADE FIBRES AND BLENDS	T	4	
2		<b>1061234210</b>	TECHNOLOGY OF TEXTILE PRINTING	T	3	
3		<b>1061234320</b>	TECHNOLOGY OF MAN MADE FIBRES AND BLENDS DYEING	P	2	
4		<b>1061234420</b>	TEXTILE PRINTING TECHNIQUES	P	2	
5		<b>1061234520</b>	QUALITY ASSURANCE IN TEXTILE PROCESSING	P	3	
6		<b>1061234640</b>	TEXTILE MANUFACTURING TECHNOLOGY	P	3	
7		<b>1061234760</b>	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
<b>1061</b>		<b>TEXTILE PROCESSING (FULL TIME)</b>				<b>5</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>1060235110</b>	TEXTILE TESTING	T	3	
2		<b>1061235210</b>	TEXTILE EFFLUENT TREATMENT AND SUSTAINABILITY	T	4	
3		<b>1061235320</b>	PHYSICAL TESTING OF TEXTILES	P	3	
4	1	<b>1061235441</b>	CLOTHING TECHNOLOGY	P	3	
4	2	<b>1064235442</b>	FABRIC CARE AND MAINTENANCE @	P	3	
4	3	<b>1061235443</b>	KNITTING TECHNOLOGY AND KNIT STRUCTURES	P	3	
5	1	<b>1061235441</b>	CLOTHING TECHNOLOGY	P	3	
5	2	<b>1061235542</b>	ECO FRIENDLY TEXTILE PROCESSING	P	3	
5	3	<b>1061235543</b>	TEXTILE EFFLUENT ANALYSIS	P	3	
6		<b>1061235654</b>	INNOVATION & STARTUP	P	2	
7		<b>1061235773</b>	INDUSTRIAL TRAINING	P	2	
8		<b>1061235860</b>	ADVANCED SKILLS CERTIFICATION	ASC	2	

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

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

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**SUBJECT LIST (R2023)**

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

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**SUBJECT LIST (R2023)**

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

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

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

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**SUBJECT LIST (R2023)**

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

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

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

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

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

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

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

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

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

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

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**SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
<b>1068</b>		<b>TEXTILE TECHNOLOGY (KNITTING) (FULL TIME)</b>				<b>2</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>TA232110</b>	TAMILS AND TECHNOLOGY	T	2	
2		<b>TT232120</b>	BASICS OF TEXTILE TECHNOLOGY	T	3	
3		<b>MA232431</b>	APPLIED MATHEMATICS - I	P	3	
4		<b>PH232441</b>	APPLIED PHYSICS - I	P	2	
5		<b>CH232451</b>	APPLIED CHEMISTRY - I	P	2	
6		<b>GT232460</b>	APPAREL MACHINERY ENGINEERING PRACTIE	P	2	
7		<b>DP232270</b>	DRAFTING PRACTICES	P	2	
8		<b>EN232480</b>	COMMUNICATIVE ENGLISH - II	P	2	
9		<b>BE232290</b>	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
<b>1068</b>		<b>TEXTILE TECHNOLOGY (KNITTING) (FULL TIME)</b>				<b>3</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>1068233110</b>	BASIC KNITTING TECHNOLOGY	T	4	
2		<b>1066233210</b>	FASHION DESIGNING	T	3	
3		<b>1068233320</b>	PATTERN DRAFTING & CONSTRUCTION OF KIDS AND WOMEN	P	3	
4		<b>1068233420</b>	FABRIC ORNAMENTATION	P	2	
5		<b>1068233540</b>	FASHION ART ILLUSTRATION	P	3	
6		<b>1068233640</b>	FUNDAMENTALS OF APPAREL CONSTRUCTION	P	3	
7		<b>1068233760</b>	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		<b>1068233956</b>	HEALTH & WELLNESS	HW	1	

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Course Code		Course Name				Semester
<b>1068</b>		<b>TEXTILE TECHNOLOGY (KNITTING) (FULL TIME)</b>				<b>4</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>1066234110</b>	APPAREL QUALITY CONTROL	T	3	
2		<b>1066234210</b>	GARMENT MACHINERY AND EQUIPMENT	T	3	
3		<b>1068234320</b>	PATTERN DRAFTING & CONSTRUCTION OF KID	P	3	
4		<b>1068234420</b>	PATTERN DRAFTING & CONSTRUCTION OF MEN	P	3	
5		<b>1068234520</b>	SPINNING AND WEAVING	P	2	
6		<b>1068234640</b>	ADVANCED KNITTING TECHNOLOGY	P	3	
7		<b>1068234760</b>	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
<b>1068</b>		<b>TEXTILE TECHNOLOGY (KNITTING) (FULL TIME)</b>				<b>5</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>1066235110</b>	APPAREL MERCHANDISING @	T	4	
2		<b>1066235210</b>	APPAREL INDUSTRIAL ENGINEERING	T	4	
3		<b>1068235320</b>	PATTERN DRAFTING AND CONSTRUCTION OF MEN	P	2	
4	1	<b>1068235421</b>	TEXTILE TESTING	P	3	
4	2	<b>1066235422</b>	HANDICRAFTS	P	3	
4	3	<b>1066235423</b>	GARMENT CAD	P	3	
5	1	<b>1068235541</b>	TEXTILE WET PROCESSING	P	3	
5	2	<b>1066235542</b>	GARMENT LAUNDERING AND MAINTENANCE	P	3	
5	3	<b>1066235543</b>	INDIAN AND WESTERN COSTUME	P	3	
6		<b>1068235654</b>	INNOVATION & STARTUP	P	2	
7		<b>1068235773</b>	INDUSTRIAL TRAINING	P	2	
8		<b>1068235860</b>	ADVANCED SKILLS CERTIFICATION - V	ASC	2	

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

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

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

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SUBJECT LIST (R2023)**

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

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**SUBJECT LIST (R2023)**

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

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

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

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

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

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**SUBJECT LIST (R2023)**

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

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SUBJECT LIST (R2023)**

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

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

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

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

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

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SUBJECT LIST (R2023)**

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

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

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Course Code		Course Name				Semester
<b>1074</b>		<b>SUGAR TECHNOLOGY (FULL TIME)</b>				<b>4</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>1074234110</b>	PAN BOILING	T	5	
2		<b>1074234210</b>	CHEMICAL PROCESS INDUSTRIES	T	4	
3		<b>1074234330</b>	FLUID MECHANICS	PT	4	
4		<b>1074234420</b>	SUGAR TECHNOLOGY PRACTICAL-II	P	2	
5		<b>1074234520</b>	CAD PRACTICAL	P	2	
6		<b>1074234620</b>	BY PRODUCTS AND QUALITY CONTROL PRACTICAL	P	2	
7		<b>1074234780</b>	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
<b>1074</b>		<b>SUGAR TECHNOLOGY (FULL TIME)</b>				<b>5</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>1074235110</b>	CRYSTALLIZATION AND CENTRIFUGATION	T	5	
2	1	<b>1074235211</b>	PROCESS EQUIPMENT AND CAPACITIES	T	4	
2	2	<b>1074235312</b>	UNIT OPERATIONS	T	4	
3		<b>1074235330</b>	PROCESS INSTRUMENTATION AND CONTROL	PT	2	
4		<b>1074235420</b>	SUGAR TECHNOLOGY PRACTICAL - III	P	2	
5		<b>1074235520</b>	ENTREPRENEURSHIP AND STARTUPS	P	2	
6		<b>1074235620</b>	COMPUTER APPLICATION IN SUGAR INDUSTRY PRACTICAL	P	2	
7		<b>1074235780</b>	ADVANCED SKILLS CERTIFICATIONS - V	ASC	2	
8		<b>1074235873</b>	INDUSTRIAL TRAINING (SUMMER VACATION)	P	1	

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

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

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

Course Code		Course Name				Semester
<b>1075</b>		<b>PETROCHEMICAL ENGINEERING (FULL TIME)</b>				<b>1</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>TA231110</b>	TAMIL MARABU	T	2	
2		<b>MA231120</b>	BASIC MATHEMATICS	T	4	
3		<b>PH231330</b>	BASIC PHYSICS	T	3	
4		<b>CH231340</b>	BASIC CHEMISTRY	T	3	
5		<b>EN231350</b>	COMMUNICATIVE ENGLISH - I	P	2	
6		<b>WP231360</b>	BASIC WORKSHOP PRACTICES	P	2	
7		<b>DS231270</b>	DIGITAL WORKPLACE SKILLS	P	2	
8		<b>BE231280</b>	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
<b>1075</b>		<b>PETROCHEMICAL ENGINEERING (FULL TIME)</b>				<b>2</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>TA232110</b>	TAMILS AND TECHNOLOGY	T	2	
2		<b>PC232120</b>	BASICS OF PETROCHEMICAL ENGINEERING	T	3	
3		<b>MA232431</b>	APPLIED MATHEMATICS - I	P	3	
4		<b>PH232441</b>	APPLIED PHYSICS - I	P	2	
5		<b>CH232451</b>	APPLIED CHEMISTRY - I	P	2	
6		<b>EP232460</b>	BASIC ENGINEERING PRACTICES	P	2	
7		<b>DP232270</b>	DRAFTING PRACTICES	P	2	
8		<b>EN232480</b>	COMMUNICATIVE ENGLISH - II	P	2	
9		<b>BE232290</b>	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
<b>1075</b>		<b>PETROCHEMICAL ENGINEERING (FULL TIME)</b>				<b>3</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>1075233110</b>	PETROLEUM REFINING	T	4	
2		<b>1076233210</b>	MOMENTUM TRANSFER	T	4	
3		<b>1076233320</b>	MOMENTUM TRANSFER PRACTICAL	P	2	
4		<b>1076233420</b>	CHEMICAL CAD PRACTICAL	P	2	
5		<b>1075233520</b>	DISTILLATE TESTING PRACTICAL	P	2	
6		<b>1076233640</b>	GENERAL ENGINEERING	P	3	
7		<b>1075233760</b>	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		<b>1075233886</b>	HEALTH & WELLNESS	-	1	

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

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

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

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

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SUBJECT LIST (R2023)**

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

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

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SUBJECT LIST (R2023)**

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

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**SUBJECT LIST (R2023)**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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**SUBJECT LIST (R2023)**

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

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

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

Course Code		Course Name				Semester	
<b>1079</b>		<b>PAPER TECHNOLOGY (FULL TIME)</b>				<b>6</b>	
Column Number	Elec	Subject Code	Subject Name			Subject Type	Credits
3	4	<b>2020234274</b>	INDUSTRIAL TRAINING (SW)			P	12
3	5	<b>2020237274</b>	-			P	12

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**SUBJECT LIST (R2023)**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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**SUBJECT LIST (R2023)**

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

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

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SUBJECT LIST (R2023)**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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**DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025**  
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Course Code		Course Name				Semester
<b>1141</b>		<b>MEDICAL ELECTRONICS</b>				<b>3</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>1141233110</b>	HUMAN ANATOMY AND PHYSIOLOGY	T	3	
2		<b>1141233210</b>	BASICS OF ELECTRICAL AND ELECTRONICS ENGINEERING	T	3	
3		<b>1141233320</b>	HUMAN ANATOMY AND PHYSIOLOGY PRACTICAL	P	2	
4		<b>1141233420</b>	BASICS OF ELECTRICAL AND ELECTRONICS ENGINEERING PRACTICAL	P	2	
5		<b>1141233540</b>	BIOSCIENCE	P	4	
6		<b>1141233640</b>	BIOSENSORS AND MEASUREMENT DEVICES	P	4	
7		<b>1141233760</b>	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		<b>1141233886</b>	HEALTH & WELLNESS	HW	1	

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

Course Code		Course Name				Semester
<b>1141</b>		<b>MEDICAL ELECTRONICS</b>				<b>4</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>1141234110</b>	BIOMATERIALS AND ARTIFICIAL ORGANS	T	4	
2		<b>1141234210</b>	REHABILITATION ENGINEERING	T	3	
3		<b>1141234340</b>	PATHOLOGY AND MICROBIOLOGY	P	3	
4		<b>1141234440</b>	ANALOG AND DIGITAL ELECTRONICS	P	3	
5		<b>1141234540</b>	MICROCONTROLLER	P	3	
6		<b>1141234651</b>	HOSPITAL TRAINING	P	2	
7		<b>1141234760</b>	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
<b>1141</b>		<b>MEDICAL ELECTRONICS</b>				<b>5</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>1141235110</b>	RADIOLOGICAL EQUIPMENT	T	3	
2		<b>1141235210</b>	DIAGNOSTIC AND THERAPEUTIC EQUIPMENT	T	3	
3	1	<b>1141235311</b>	MEDICAL INFORMATICS	T	3	
3	2	<b>1141235312</b>	MEDICAL PHYSICS	T	3	
3	3	<b>1141235313</b>	HUMAN ASSIST DEVICES	T	3	
4		<b>1141235420</b>	DIAGNOSTIC AND THERAPEUTIC EQUIPMENT PRACTICAL	P	2	
5		<b>1141235540</b>	MEDICAL EXPERT SYSTEMS	P	3	
6	1	<b>1141235641</b>	INSTALLATION, MAINTENANCE AND SAFETY HANDLING OF MEDICAL EQUIPMENT.	P	3	
6	2	<b>1141235642</b>	VERY LARGE SCALE INTEGRATION	P	3	
6	3	<b>1141235643</b>	EMBEDDED CONTROLLER PROGRAMMING	P	3	
7		<b>1141235773</b>	INDUSTRIAL TRAINING	P	2	
8		<b>1141235860</b>	ADVANCED SKILLS CERTIFICATION - V	ASC	2	

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**SUBJECT LIST (R2023)**

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

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

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**SUBJECT LIST (R2023)**

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

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**SUBJECT LIST (R2023)**

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

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

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

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SUBJECT LIST (R2023)**

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

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

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

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SUBJECT LIST (R2023)**

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

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

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

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

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

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

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

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

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Course Code		Course Name				Semester
<b>1144</b>		<b>AUTOMATION AND ROBOTICS</b>				<b>5</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>2049235110</b>	SENSORS, ACTUATORS AND FABRICATION OF ROBOT COMPONENTS	T	3	
2		<b>2049235210</b>	INDUSTRIAL INTERNET OF THINGS	T	3	
3	1	<b>2049235341</b>	APPLIED ROBOTICS	P	3	
3	2	<b>2049235342</b>	BIG DATA AND ANALYTICS	P	3	
3	3	<b>1020235542</b>	SYSTEMS APPLICATIONS AND PRODUCT (SAP)	P	3	
4		<b>2049235440</b>	PLC AND HMI	P	3	
5		<b>2049235540</b>	CIM & CNC PROGRAMMING	P	3	
6		<b>2049235654</b>	INNOVATION AND START-UPS	P	2	
7		<b>2049235773</b>	INDUSTRIAL TRAINING	P	2	
8		<b>2049235860</b>	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
<b>1144</b>		<b>AUTOMATION AND ROBOTICS</b>				<b>6</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	<b>6000236111</b>	ADVANCED ENGINEERING MATHEMATICS	T	3	
1	2	<b>6000236112</b>	ENTREPRENEURSHIP	T	3	
1	3	<b>6000236113</b>	PROJECT MANAGEMENT	T	3	
1	4	<b>6000236114</b>	FINANCE FUNDAMENTALS	T	3	
1	5	<b>2049236111</b>	INDUSTRIA LENGINEERING	T	3	
2	1	<b>2049236241</b>	ADVANCED AUTOMATION	P	3	
2	2	<b>2049236242</b>	AUTOMATION SYSTEM DESIGN	P	3	
2	3	<b>1020236116</b>	ADDITIVE MANUFACTURING	T	3	
3		<b>2049236351</b>	IN-HOUSEPROJECT/INTERNSHIP/ FELLOWSHIP /INDUSTRIALTRAINING(SW)	P	12	
3	1	<b>2049236353</b>	INTERNSHIP	P	12	
3	2	<b>2049236374</b>	IN-HOUSE PROJECT WORK	P	12	
3	3	<b>2149234274</b>	INDUSTRIAL TRAINING (SW) - I	P	12	
3	4	<b>2149237274</b>	INDUSTRIALTRAINING(SW)	P	12	

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

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

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

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

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

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**SUBJECT LIST (R2023)**

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

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

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

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

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

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

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

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

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

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

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

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

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Course Code		Course Name				Semester
<b>1147</b>		<b>DIGITAL MANUFACTURING TECHNOLOGIES (FULL TIME)</b>				<b>6</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	<b>6000236111</b>	ADVANCED ENGINEERING MATHEMATICS	T	3	
1	2	<b>6000236112</b>	ENTREPRENEURSHIP	T	3	
1	3	<b>6000236113</b>	PROJECT MANAGEMENT	T	3	
1	4	<b>6000236114</b>	FINANCE FUNDAMENTALS	T	3	
1	5	<b>1147236115</b>			3	
1	6	<b>1020236116</b>	ADDITIVE MANUFACTURING	T	3	
1	7	<b>1147236117</b>			3	
2	1	<b>1147236241</b>			3	
2	2	<b>1020236242</b>	MAINTENANCE OF MACHINE TOOLS	P	3	
2	3	<b>1020236243</b>	NON-DESTRUCTIVE TESTING	P	3	
2	4	<b>1020236245</b>	PRODUCT DESIGN & DEVELOPMENT	P	3	
2	5	<b>1020236247</b>	REVERSE ENGINEERING	P	3	
3	1	<b>1147236351</b>	INTERNSHIP	P	12	
3	2	<b>1147236353</b>	FELLOWSHIP	P	12	
3	3	<b>1147236374</b>	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
<b>1202</b>		<b>PRINTING TECHNOLOGY (FULL TIME)</b>				<b>1</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>TA231110</b>	TAMIL MARABU	T	2	
2		<b>MA231120</b>	BASIC MATHEMATICS	T	4	
3		<b>PH231330</b>	BASIC PHYSICS	T	3	
4		<b>CH231340</b>	BASIC CHEMISTRY	T	3	
5		<b>EN231350</b>	COMMUNICATIVE ENGLISH - I	P	2	
6		<b>WP231360</b>	BASIC WORKSHOP PRACTICES	P	2	
7		<b>DS231270</b>	DIGITAL WORKPLACE SKILLS	P	2	
8		<b>BE231280</b>	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
<b>1202</b>		<b>PRINTING TECHNOLOGY (FULL TIME)</b>				<b>2</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>TA232110</b>	TAMILS AND TECHNOLOGY	T	2	
2		<b>PT232120</b>	BASICS OF PRINTING & PAPER TECHNOLOGY	T	3	
3		<b>MA232431</b>	APPLIED MATHEMATICS - I	P	3	
4		<b>PH232441</b>	APPLIED PHYSICS - I	P	2	
5		<b>CH232451</b>	APPLIED CHEMISTRY - I	P	2	
6		<b>EP232460</b>	BASIC ENGINEERING PRACTICES	P	2	
7		<b>DP232270</b>	DRAFTING PRACTICES	P	2	
8		<b>EN232480</b>	COMMUNICATIVE ENGLISH - II	P	2	
9		<b>BE232290</b>	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
<b>1202</b>		<b>PRINTING TECHNOLOGY (FULL TIME)</b>				<b>3</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>1202233110</b>	PRINTING PROCESSES	T	3	
2		<b>1202233230</b>	DIGITAL PREPRESS	PT	4	
3		<b>1202233320</b>	IMAGE MANIPULATION	P	2	
4		<b>1202233440</b>	DESKTOP PUBLISHING FOR PRINT PRODUCTION	P	3	
5		<b>1202233540</b>	PRINT FINISHING	P	3	
6		<b>1202233640</b>	GRAPHIC DESIGN	P	3	
7		<b>1202233760</b>	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		<b>1202233886</b>	HEALTH & WELLNESS	HW	1	

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

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

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

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

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

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**SUBJECT LIST (R2023)**

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

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**SUBJECT LIST (R2023)**

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

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**SUBJECT LIST (R2023)**

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

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SUBJECT LIST (R2023)**

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

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**SUBJECT LIST (R2023)**

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

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**SUBJECT LIST (R2023)**

Course Code		Course Name				Semester	
<b>1214</b>		<b>HOTEL MANAGEMENT AND CATERING TECHNOLOGY (FULL TIME)</b>				<b>4</b>	
Column Number	Elec	Subject Code	Subject Name			Subject Type	Credits
1		<b>1214234173</b>	INDUSTRIAL TRAINING			P	17

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**SUBJECT LIST (R2023)**

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

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

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**SUBJECT LIST (R2023)**

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

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

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**SUBJECT LIST (R2023)**

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

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**SUBJECT LIST (R2023)**

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

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

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

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

Course Code		Course Name				Semester
<b>1221</b>		<b>MECHANICAL ENGINEERING (REFRIGERATION &amp; AIR-CONDITIONING) (FT)</b>				<b>1</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>TA231110</b>	TAMIL MARABU	T	2	
2		<b>MA231120</b>	BASIC MATHEMATICS	T	4	
3		<b>PH231330</b>	BASIC PHYSICS	T	3	
4		<b>CH231340</b>	BASIC CHEMISTRY	T	3	
5		<b>EN231350</b>	COMMUNICATIVE ENGLISH - I	P	2	
6		<b>WP231360</b>	BASIC WORKSHOP PRACTICES	P	2	
7		<b>DS231270</b>	DIGITAL WORKPLACE SKILLS	P	2	
8		<b>BE231280</b>	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
<b>1221</b>		<b>MECHANICAL ENGINEERING (REFRIGERATION &amp; AIR-CONDITIONING) (FT)</b>				<b>2</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>TA232110</b>	TAMILS AND TECHNOLOGY	T	2	
2		<b>ME232120</b>	BASICS OF MECHANICAL ENGINEERING	T	3	
3		<b>MA232431</b>	APPLIED MATHEMATICS - I	P	3	
4		<b>PH232441</b>	APPLIED PHYSICS - I	P	2	
5		<b>CH232451</b>	APPLIED CHEMISTRY - I	P	2	
6		<b>EP232460</b>	BASIC ENGINEERING PRACTICES	P	2	
7		<b>DP232270</b>	DRAFTING PRACTICES	P	2	
8		<b>EN232480</b>	COMMUNICATIVE ENGLISH - II	P	2	
9		<b>BE232290</b>	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
<b>1221</b>		<b>MECHANICAL ENGINEERING (REFRIGERATION &amp; AIR-CONDITIONING) (FT)</b>				<b>3</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>1221233110</b>	BASIC MANUFACTURING TECHNOLOGY	T	3	
2		<b>1221233230</b>	ENGINEERING THERMODYNAMICS	PT	4	
3		<b>1221233340</b>	MECHANICS OF MATERIALS	P	3	
4		<b>1020233440</b>	INDUSTRIAL DRIVES AND CONTROL	P	3	
5		<b>1221233540</b>	R&A/C WORKSHOP	P	3	
6		<b>1221233620</b>	BASIC MANUFACTURING TECHNOLOGY PRACTICAL	P	2	
7		<b>1020233760</b>	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		<b>1020233886</b>	HEALTH & WELLNESS	HW	1	

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

Course Code		Course Name				Semester
<b>1221</b>		<b>MECHANICAL ENGINEERING (REFRIGERATION &amp; AIR-CONDITIONING) (FT)</b>				<b>4</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>1221234110</b>	REFRIGERATION	T	3	
2		<b>1221234230</b>	FLUID MECHANICS AND MACHINES	PT	3	
3		<b>1221234340</b>	HVAC CAD DRAWING	P	3	
4		<b>1020234440</b>	SENSORS AND ACTUATORS	P	3	
5		<b>1221234520</b>	REFRIGERATION PRACTICAL	P	2	
6		<b>1020234640</b>	METROLOGY AND MEASUREMENTS	P	3	
7		<b>1020234760</b>	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
<b>1221</b>		<b>MECHANICAL ENGINEERING (REFRIGERATION &amp; AIR-CONDITIONING) (FT)</b>				<b>5</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>1221235130</b>	AIR CONDITIONING	PT	4	
2		<b>1020235230</b>	INDUSTRIAL ENGINEERING AND MANAGEMENT	PT	4	
3	1	<b>1221235311</b>	HEATING SYSTEM	T	3	
3	2	<b>1221235312</b>	HVAC MACHINES	T	3	
3	3	<b>1221235313</b>	CRYOGENIC ENGINEERING	T	3	
3	4	<b>1221235314</b>	FOOD PROCESSING AND PRESERVATION	T	3	
3	5	<b>1221235315</b>	TRANSPORT AND SPECIAL APPLICATION OF HVAC	T	3	
4		<b>1221235420</b>	HVAC MACHINES PRACTICAL	P	2	
5	1	<b>1221235541</b>	HVAC MACHINE SERVICE PRACTICE	P	3	
5	2	<b>1020235542</b>	SYSTEMS APPLICATIONS AND PRODUCT (SAP)	P	3	
5	3	<b>1020235543</b>	INDUSTRIAL IOT	P	3	
5	4	<b>1221235544</b>	COMPUTER INTEGRATED MANUFACTURING	P	3	
5	5	<b>1020235545</b>	INDUSTRIAL ROBOTICS	P	3	
6		<b>1020235654</b>	INNOVATION & STARTUP	P	2	
7		<b>1020235773</b>	INDUSTRIAL TRAINING	P	2	
8		<b>1020235860</b>	ADVANCED SKILLS CERTIFICATION - V	ASC	2	

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**SUBJECT LIST (R2023)**

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

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Course Code		Course Name				Semester	
<b>1221</b>		<b>MECHANICAL ENGINEERING (REFRIGERATION &amp; AIR-CONDITIONING) (FT)</b>				<b>6</b>	
Column Number	Elec	Subject Code	Subject Name			Subject Type	Credits
6		<b>1020236116</b>	ADDITIVE MANUFACTURING			T	3

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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**SUBJECT LIST (R2023)**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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**SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
<b>2020</b>		<b>MECHANICAL ENGINEERING (SANDWICH)</b>				<b>1</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>TA231110</b>	TAMIL MARABU	T	2	
2		<b>MA231120</b>	BASIC MATHEMATICS	T	4	
3		<b>PH231330</b>	BASIC PHYSICS	T	3	
4		<b>CH231340</b>	BASIC CHEMISTRY	T	3	
5		<b>EN231350</b>	COMMUNICATIVE ENGLISH - I	P	2	
6		<b>WP231360</b>	BASIC WORKSHOP PRACTICES	P	2	
7		<b>DS231270</b>	DIGITAL WORKPLACE SKILLS	P	2	
8		<b>BE231280</b>	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
<b>2020</b>		<b>MECHANICAL ENGINEERING (SANDWICH)</b>				<b>2</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>TA232110</b>	TAMILS AND TECHNOLOGY	T	2	
2		<b>ME232120</b>	BASICS OF MECHANICAL ENGINEERING	T	3	
3		<b>MA232431</b>	APPLIED MATHEMATICS - I	P	3	
4		<b>PH232441</b>	APPLIED PHYSICS - I	P	2	
5		<b>CH232451</b>	APPLIED CHEMISTRY - I	P	2	
6		<b>EP232460</b>	BASIC ENGINEERING PRACTICES	P	2	
7		<b>DP232270</b>	DRAFTING PRACTICES	P	2	
8		<b>EN232480</b>	COMMUNICATIVE ENGLISH - II	P	2	
9		<b>BE232290</b>	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
<b>2020</b>		<b>MECHANICAL ENGINEERING (SANDWICH)</b>				<b>3</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>1020233110</b>	MANUFACTURING PROCESS	T	3	
2		<b>1020233230</b>	STRENGTH OF MATERIALS	PT	4	
3		<b>1020233320</b>	WORKSHOP PRACTICES	P	2	
4		<b>1020233440</b>	INDUSTRIAL DRIVES AND CONTROL	P	3	
5		<b>1020233540</b>	PRODUCTION DRAWING AND MODELING	P	3	
6		<b>1020233640</b>	MACHINE TOOL TECHNOLOGY	P	3	
7		<b>1020233760</b>	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		<b>1020233886</b>	HEALTH & WELLNESS	HW	1	

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

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

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

Course Code		Course Name				Semester
<b>2020</b>		<b>MECHANICAL ENGINEERING (SANDWICH)</b>				<b>5</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>1020234230</b>	FLUID MECHANICS	PT	3	
2		<b>1020235110</b>	ELEMENTS OF MACHINE DESIGN	T	3	
3	1	<b>1020235331</b>	MODERN QC TOOLS	PT	3	
3	2	<b>1020235332</b>	COMPOSITE MATERIALS	PT	3	
3	3	<b>1020235333</b>	REFRIGERATION AND AIR-CONDITIONING	PT	3	
3	4	<b>1020235334</b>	VALUE ENGINEERING	PT	3	
3	5	<b>1020235335</b>	GREEN MANUFACTURING	PT	3	
3	6	<b>1020235336</b>	LEAN MANUFACTURING	PT	3	
4		<b>1020234320</b>	ADVANCED MANUFACTURING TECHNOLOGY PRACTICAL	P	2	
5		<b>1020234440</b>	SENSORS AND ACTUATORS	P	3	
6		<b>1020234540</b>	HEAT POWER ENGINEERING	P	3	
7		<b>1020234640</b>	METROLOGY AND MEASUREMENTS	P	3	
8		<b>1020234760</b>	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
<b>2020</b>		<b>MECHANICAL ENGINEERING (SANDWICH)</b>				<b>6</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>1020235230</b>	INDUSTRIAL ENGINEERING AND MANAGEMENT	PT	4	
2	1	<b>6000236111</b>	ADVANCED ENGINEERING MATHEMATICS	T	3	
2	2	<b>6000236112</b>	ENTREPRENEURSHIP	T	3	
2	3	<b>6000236113</b>	PROJECT MANAGEMENT	T	3	
2	4	<b>6000236114</b>	FINANCE FUNDAMENTALS	T	3	
2	5	<b>1020236115</b>	INDUSTRY 4.0	T	3	
2	6	<b>1020236116</b>	ADDITIVE MANUFACTURING	T	3	
2	7	<b>1020236117</b>	POWER PLANT ENGINEERING	T	3	
3	1	<b>1020235541</b>	CNC PROGRAMMING	P	3	
3	2	<b>1020235542</b>	SYSTEMS APPLICATIONS AND PRODUCT (SAP)	P	3	
3	3	<b>1020235543</b>	INDUSTRIAL IOT	P	3	
3	4	<b>1020235544</b>	ADVANCED WELDING TECHNOLOGIES	P	3	
3	5	<b>1020235545</b>	INDUSTRIAL ROBOTICS	P	3	
3	6	<b>1020235546</b>	HVAC SYSTEMS AND COMPONENTS	P	3	
3	7	<b>1020235547</b>	AUTOMOBILE TECHNOLOGY	P	3	
4		<b>1020235440</b>	MAINTENANCE, REPAIRS & SERVICE	P	3	
5	1	<b>1020236241</b>	MEP EQUIPMENT SERVICING	P	3	
5	2	<b>1020236242</b>	MAINTENANCE OF MACHINE TOOLS	P	3	

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

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

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

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

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

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

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

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

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**SUBJECT LIST (R2023)**

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

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**SUBJECT LIST (R2023)**

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

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**SUBJECT LIST (R2023)**

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

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

Course Code		Course Name				Semester
<b>2022</b>		<b>MECHANICAL ENGINEERING (MACHINE TOOL MAINTENANCE &amp; REPAIRS) (SWC)</b>				<b>2</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>TA232110</b>	TAMILS AND TECHNOLOGY	T	2	
2		<b>ME232120</b>	BASICS OF MECHANICAL ENGINEERING	T	3	
3		<b>MA232431</b>	APPLIED MATHEMATICS - I	P	3	
4		<b>PH232441</b>	APPLIED PHYSICS - I	P	2	
5		<b>CH232451</b>	APPLIED CHEMISTRY - I	P	2	
6		<b>EP232460</b>	BASIC ENGINEERING PRACTICES	P	2	
7		<b>DP232270</b>	DRAFTING PRACTICES	P	2	
8		<b>EN232480</b>	COMMUNICATIVE ENGLISH - II	P	2	
9		<b>BE232290</b>	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
<b>2022</b>		<b>MECHANICAL ENGINEERING (MACHINE TOOL MAINTENANCE &amp; REPAIRS) (SWC)</b>				<b>3</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>2022233110</b>	INDUSTRIAL PRODUCTION TECHNOLOGY - I	T	3	
2		<b>2022233230</b>	STRENGTH OF MATERIALS AND FLUID MECHANICS	PT	4	
3		<b>2022233310</b>	LUBRICATION ENGINEERING	T	3	
4		<b>1020233440</b>	INDUSTRIAL DRIVES AND CONTROL	P	3	
5		<b>1020233540</b>	PRODUCTION DRAWING AND MODELING	P	3	
6		<b>2022233620</b>	INDUSTRIAL PRODUCTION TECHNOLOGY	P	2	
7		<b>1020233760</b>	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		<b>1020233886</b>	HEALTH & WELLNESS	HW	1	

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**SUBJECT LIST (R2023)**

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

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**SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
<b>2022</b>		<b>MECHANICAL ENGINEERING (MACHINE TOOL MAINTENANCE &amp; REPAIRS) (SWC)</b>				<b>5</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>2022235110</b>	INDUSTRIAL AUTOMATION	T	3	
2		<b>2022235210</b>	HYDRAULICS AND PNEUMATICS	T	3	
3		<b>2022235310</b>	INDUSTRIAL PRODUCTION TECHNOLOGY - II	T	3	
4		<b>2022235440</b>	CNC SIMULATION LAB	P	3	
5		<b>2022235540</b>	HYDRAULICS AND PNEUMATICS SIMULATION PRACTICAL	P	3	
6		<b>2022235620</b>	INDUSTRIAL PRODUCTION TECHNOLOGY II PRACTICAL	P	2	
7		<b>1020235860</b>	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
<b>2022</b>		<b>MECHANICAL ENGINEERING (MACHINE TOOL MAINTENANCE &amp; REPAIRS) (SWC)</b>				<b>6</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>2022236110</b>	MAINTENANCE OF MACHINE DRIVE ELEMENTS	T	4	
2		<b>2022236230</b>	ENGINEERING MANAGEMENT	PT	4	
3		<b>2022236310</b>	TOTAL QUALITY MANAGEMENT AND TOTAL PRODUCTIVE MAINTENANCE	T	3	
4		<b>2022236430</b>	MACHINE TOOL RECONDITIONING AND OVERHAULING	PT	3	
5		<b>2022236540</b>	MAINTENANCE LAB	P	3	
6		<b>1020235654</b>	INNOVATION & STARTUP	P	2	
7		<b>1020235860</b>	ADVANCED SKILLS CERTIFICATION - V	ASC	2	

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

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

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SUBJECT LIST (R2023)**

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

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**SUBJECT LIST (R2023)**

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

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**SUBJECT LIST (R2023)**

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

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Course Code		Course Name				Semester
<b>2023</b>		<b>AUTOMOBILE ENGINEERING (SANDWICH)</b>				<b>4</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>1021234110</b>	POWER UNITS AND TRANSMISSION	T	3	
2		<b>2023234274</b>	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
<b>2023</b>		<b>AUTOMOBILE ENGINEERING (SANDWICH)</b>				<b>5</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>1021234230</b>	FUELS, COMBUSTION AND EMISSION CONTROL	PT	3	
2		<b>1021235130</b>	VEHICLE BODY ENGINEERING	PT	3	
3	1	<b>1021235311</b>	TRACTOR AND FARM EQUIPMENT	T	3	
3	2	<b>1021235312</b>	VEHICLE AERODYNAMICS AND DESIGN	T	3	
3	3	<b>1021235313</b>	HEAVY VEHICLE ENGINEERING	T	3	
3	4	<b>1021235314</b>	AUTOMOTIVE SAFETY SYSTEMS	T	3	
3	5	<b>1021235315</b>	ADVANCED AUTOMOTIVE SYSTEMS	T	3	
3	6	<b>1021235316</b>	ALTERNATIVE FUELS	T	3	
3	7	<b>1021235317</b>	ALTERNATIVE ENERGY SOURCES	T	3	
3	8	<b>1021235318</b>	SPECIAL PURPOSE VEHICLES	T	3	
4		<b>1021234340</b>	MANUFACTURING TECHNOLOGY II	P	3	
5		<b>1020234440</b>	SENSORS AND ACTUATORS	P	3	
6		<b>1021234540</b>	AUTOMOBILE COMPONENT DESIGN	P	2	
7		<b>1020234640</b>	METROLOGY AND MEASUREMENTS	P	3	
8		<b>1021235860</b>	ADVANCED SKILLS CERTIFICATION - V	ASC	2	

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**SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
<b>2023</b>		<b>AUTOMOBILE ENGINEERING (SANDWICH)</b>				<b>6</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>1021235230</b>	ELECTRIC & HYBRID VEHICLE TECHNOLOGY	PT	4	
2		<b>1021236110</b>	INDUSTRIAL MANAGEMENT AND TRANSPORT ENGINEERING	T	3	
3		<b>1021235440</b>	AUTOMOBILE SERVICING PRACTICAL	P	3	
4	1	<b>1020235541</b>	CNC PROGRAMMING	P	3	
4	2	<b>1020235542</b>	SYSTEMS APPLICATIONS AND PRODUCT (SAP)	P	3	
4	3	<b>1020235543</b>	INDUSTRIAL IOT	P	3	
4	4	<b>1021235542</b>	TWO-WHEELER AND THREE-WHEELER TECHNOLOGY	P	3	
4	5	<b>1020235545</b>	INDUSTRIAL ROBOTICS	P	3	
4	6	<b>1021235546</b>			3	
5	1	<b>1021236241</b>	VEHICLE TESTING	P	3	
5	2	<b>1021236242</b>	EARTHMOVINGEQUIPMENTS	P	3	
5	3	<b>1021236243</b>			3	
5	4	<b>1021236244</b>			3	
5	5	<b>1020235545</b>	INDUSTRIAL ROBOTICS	P	3	
6		<b>1021235654</b>	INNOVATION & STARTUP	P	2	
7		<b>1021234760</b>	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
<b>2024</b>		<b>MECHANICAL ENGINEERING (AUTOMOBILE) (SANDWICH)</b>				<b>1</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>TA231110</b>	TAMIL MARABU	T	2	
2		<b>MA231120</b>	BASIC MATHEMATICS	T	4	
3		<b>PH231330</b>	BASIC PHYSICS	T	3	
4		<b>CH231340</b>	BASIC CHEMISTRY	T	3	
5		<b>EN231350</b>	COMMUNICATIVE ENGLISH - I	P	2	
6		<b>WP231360</b>	BASIC WORKSHOP PRACTICES	P	2	
7		<b>DS231270</b>	DIGITAL WORKPLACE SKILLS	P	2	
8		<b>BE231280</b>	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

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**SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
<b>2024</b>		<b>MECHANICAL ENGINEERING (AUTOMOBILE) (SANDWICH)</b>				<b>2</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>TA232110</b>	TAMILS AND TECHNOLOGY	T	2	
2		<b>ME232120</b>	BASICS OF MECHANICAL ENGINEERING	T	3	
3		<b>MA232431</b>	APPLIED MATHEMATICS - I	P	3	
4		<b>PH232441</b>	APPLIED PHYSICS - I	P	2	
5		<b>CH232451</b>	APPLIED CHEMISTRY - I	P	2	
6		<b>EP232460</b>	BASIC ENGINEERING PRACTICES	P	2	
7		<b>DP232270</b>	DRAFTING PRACTICES	P	2	
8		<b>EN232480</b>	COMMUNICATIVE ENGLISH - II	P	2	
9		<b>BE232290</b>	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
<b>2024</b>		<b>MECHANICAL ENGINEERING (AUTOMOBILE) (SANDWICH)</b>				<b>3</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>1021233110</b>	MANUFACTURING TECHNOLOGY I	T	3	
2		<b>1021233230</b>	AUTOMOTIVE ENGINES	PT	3	
3		<b>1021233340</b>	MECHANICS OF MATERIALS	P	3	
4		<b>1021233440</b>	AUTOMOTIVE ELECTRICAL AND ELECTRONICS SYSTEMS	P	3	
5		<b>1020233540</b>	PRODUCTION DRAWING AND MODELING	P	3	
6		<b>1021233640</b>	FLUID POWER SYSTEMS	P	3	
7		<b>1021233760</b>	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		<b>1021233886</b>	HEALTH & WELLNESS	HW	1	

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

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

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**SUBJECT LIST (R2023)**

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

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SUBJECT LIST (R2023)**

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

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

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

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

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

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

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

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

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

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

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

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

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

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Course Code		Course Name				Semester
<b>2040</b>		<b>ELECTRONICS AND COMMUNICATION ENGINEERING (SANDWICH)</b>				<b>5</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>1040234110</b>	MICROCONTROLLER	T	4	
2	1	<b>1030235210</b>	E-VEHICLE TECHNOLOGY	T	3	
2	2	<b>1040235312</b>	MEDICAL INSTRUMENTATION	T	3	
2	3	<b>1040235313</b>	DIGITAL COMMUNICATION	T	3	
2	4	<b>1040235314</b>	DIGITAL MANUFACTURING TECHNOLOGY	T	3	
2	5	<b>1040235315</b>	SIGNAL & IMAGE PROCESSING	T	3	
2	6	<b>1040235316</b>	ELECTRONIC SYSTEM DESIGN	T	3	
3		<b>1040234340</b>	BASICS OF COMMUNICATION ENGINEERING	P	3	
4		<b>1040234440</b>	MEASURING INSTRUMENTS AND SENSORS	P	3	
5		<b>1040234540</b>	PROGRAMMING IN C	P	3	
6		<b>1040235652</b>	INNOVATION & STARTUP	P	2	
7		<b>1040234652</b>	MICROCONTROLLER PRACTICAL	P	2	
8		<b>1040234760</b>	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
<b>2040</b>		<b>ELECTRONICS AND COMMUNICATION ENGINEERING (SANDWICH)</b>				<b>6</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>1040235130</b>	ADVANCED COMMUNICATION SYSTEMS	PT	3	
2		<b>1040235230</b>	MOBILE COMMUNICATION	PT	3	
3	1	<b>6000236111</b>	ADVANCED ENGINEERING MATHEMATICS	T	3	
3	2	<b>6000236112</b>	ENTREPRENEURSHIP	T	3	
3	3	<b>6000236113</b>	PROJECT MANAGEMENT	T	3	
3	4	<b>6000236114</b>	FINANCE FUNDAMENTALS	T	3	
3	5	<b>1040236115</b>	CONSUMER ELECTRONICS	T	3	
3	6	<b>1040236116</b>	ASIC DESIGN	T	3	
4	1	<b>1040235541</b>	INDUSTRIAL AUTOMATION	P	3	
4	2	<b>1040235542</b>	ROBOTICS	P	3	
4	3	<b>1040235543</b>	COMPUTER HARDWARE SERVICING	P	3	
4	4	<b>1040235544</b>	PCB DESIGN & ASSEMBLY	P	3	
4	5	<b>1040235545</b>	INDUSTRIAL IOT	P	3	
4	6	<b>1040235546</b>	MULTIMEDIA SYSTEMS	P	3	
5	1	<b>1040236241</b>	POWER ELECTRONIC DEVICES	P	3	
5	2	<b>1040236242</b>	VLSI USING VERILOG	P	3	
5	3	<b>1040236243</b>	VIRTUAL INSTRUMENTATION [LAB VIEW]	P	3	
5	4	<b>1040236244</b>	ARTIFICIAL INTELLIGENCE	P	3	

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

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

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

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

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

Course Code		Course Name				Semester
<b>2047</b>		<b>MECHATRONICS ENGINEERING (SANDWICH)</b>				<b>1</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>TA231110</b>	TAMIL MARABU	T	2	
2		<b>MA231120</b>	BASIC MATHEMATICS	T	4	
3		<b>PH231330</b>	BASIC PHYSICS	T	3	
4		<b>CH231340</b>	BASIC CHEMISTRY	T	3	
5		<b>EN231350</b>	COMMUNICATIVE ENGLISH - I	P	2	
6		<b>WP231360</b>	BASIC WORKSHOP PRACTICES	P	2	
7		<b>DS231270</b>	DIGITAL WORKPLACE SKILLS	P	2	
8		<b>BE231280</b>	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
<b>2047</b>		<b>MECHATRONICS ENGINEERING (SANDWICH)</b>				<b>2</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>TA232110</b>	TAMILS AND TECHNOLOGY	T	2	
2		<b>EE232120</b>	BASICS OF ELECTRICAL AND ELECTRONICS ENGINEERING	T	3	
3		<b>MA232432</b>	APPLIED MATHEMATICS - II	P	3	
4		<b>PH232442</b>	APPLIED PHYSICS - II	P	2	
5		<b>CH232452</b>	APPLIED CHEMISTRY - II	P	2	
6		<b>EP232460</b>	BASIC ENGINEERING PRACTICES	P	2	
7		<b>DP232270</b>	DRAFTING PRACTICES	P	2	
8		<b>EN232480</b>	COMMUNICATIVE ENGLISH - II	P	2	
9		<b>BE232290</b>	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
<b>2047</b>		<b>MECHATRONICS ENGINEERING (SANDWICH)</b>				<b>3</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>1047233110</b>	LINEAR AND DIGITAL INTEGRATED CIRCUITS	T	3	
2		<b>1047233210</b>	MEASURING INSTRUMENTS AND SENSORS	T	4	
3		<b>1047233320</b>	CAD FOR AUTOMATION	P	2	
4		<b>1047233420</b>	C AND PYTHON PROGRAMMING	P	2	
5		<b>1047233540</b>	MANUFACTURING TECHNOLOGY	P	3	
6		<b>1047233640</b>	INTRODUCTION TO MECHATRONICS SYSTEMS	P	3	
7		<b>1047233760</b>	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		<b>1047233886</b>	HEALTH & WELLNESS	HW	1	

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Course Code		Course Name			Semester	
<b>2047</b>		<b>MECHATRONICS ENGINEERING (SANDWICH)</b>			<b>4</b>	
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>1047234640</b>	FUNDAMENTALS OF INTERNET OF THINGS	P	3	
2		<b>2047234274</b>	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
<b>2047</b>		<b>MECHATRONICS ENGINEERING (SANDWICH)</b>				<b>5</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>1047234110</b>	MICROCONTROLLER AND INTERFACING	T	4	
2		<b>1047234230</b>	LOW COST AUTOMATION	PT	4	
3		<b>1047234320</b>	EMBEDDED PROGRAMMING	P	2	
4		<b>1047234440</b>	MECHANICS OF MATERIALS.	P	3	
5		<b>1047235230</b>	CONTROL SYSTEM FOR MECHATRONICS	PT	4	
6	1	<b>1047235531</b>	PLCAND HMI	P	3	
6	2	<b>1040235544</b>	PCB DESIGN & ASSEMBLY	P	3	
6	3	<b>1020236246</b>	ELECTRIC VEHICLE TECHNOLOGY	P	3	
6	4	<b>1020236247</b>	REVERSE ENGINEERING	P	3	
6	5	<b>1020236248</b>	GREEN ENERGY & ENGINEERING	P	3	
7		<b>1047235654</b>	INNOVATION AND START-UPS	P	2	
8		<b>1047234760</b>	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
<b>2047</b>		<b>MECHATRONICS ENGINEERING (SANDWICH)</b>				<b>6</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>1047235110</b>	ROBOTICS	T	4	
2	1	<b>6000236111</b>	ADVANCED ENGINEERING MATHEMATICS	T	3	
2	2	<b>6000236112</b>	ENTREPRENEURSHIP	T	3	
2	3	<b>6000236113</b>	PROJECT MANAGEMENT	T	3	
2	4	<b>6000236114</b>	FINANCE FUNDAMENTALS	T	3	
2	5	<b>1030236115</b>	INDUSTRIAL MANAGEMENT AND SAFETY	T	3	
3	1	<b>1030236116</b>	BATTERY MANAGEMENT SYSTEM	T	3	
3	2	<b>1020236115</b>	INDUSTRY 4.0	T	3	
3	3	<b>1020236116</b>	ADDITIVE MANUFACTURING	T	3	
3	4	<b>1042236115</b>	BIOMEDICAL INSTRUMENTATION	T	3	
4		<b>1047234540</b>	INDUSTRIAL DRIVES AND CONTROL	P	3	
5		<b>1047235320</b>	ROBOTICS PRACTICAL	P	2	
6		<b>1047235440</b>	CIM & CNC PROGRAMMING	P	3	
7		<b>1047235860</b>	ADVANCED SKILLS CERTIFICATION - V	ASC	2	

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

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

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Course Code		Course Name				Semester
<b>2049</b>						<b>4</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>2049234110</b>	ELECTRONIC MEASUREMENTS AND INSTRUMENTATION	T	4	
2		<b>2049234230</b>	FUNDAMENTALS OF ROBOTICS	PT	3	
3		<b>2049234320</b>	CAD FOR ROBOTICS AND AUTOMATION	P	2	
4		<b>2049234420</b>	PYTHON PROGRAMMING FOR ROBOTICS	P	2	
5		<b>2049234540</b>	FLUID POWER AUTOMATION	P	4	
6		<b>2049234640</b>	MICROCONTROLLERS AND APPLICATIONS	P	4	
7		<b>2049234760</b>	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
<b>2049</b>						<b>5</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>2049235110</b>	SENSORS, ACTUATORS AND FABRICATION OF ROBOT COMPONENTS	T	3	
2		<b>2049235210</b>	INDUSTRIAL INTERNET OF THINGS	T	3	
3	1	<b>2049235341</b>	APPLIED ROBOTICS	P	3	
3	2	<b>2049235342</b>	BIG DATA AND ANALYTICS	P	3	
3	3	<b>1020235542</b>	SYSTEMS APPLICATIONS AND PRODUCT (SAP)	P	3	
4		<b>2049235440</b>	PLC AND HMI	P	3	
5		<b>2049235540</b>	CIM & CNC PROGRAMMING	P	3	
6		<b>2049235654</b>	INNOVATION AND START-UPS	P	2	
7		<b>2049235773</b>	INDUSTRIAL TRAINING	P	2	
8		<b>2049235860</b>	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
<b>2049</b>						<b>6</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	<b>6000236111</b>	ADVANCED ENGINEERING MATHEMATICS	T	3	
1	2	<b>6000236112</b>	ENTREPRENEURSHIP	T	3	
1	3	<b>6000236113</b>	PROJECT MANAGEMENT	T	3	
1	4	<b>6000236114</b>	FINANCE FUNDAMENTALS	T	3	
1	5	<b>2049236111</b>	INDUSTRIA LENGINEERING	T	3	
2	1	<b>2049236241</b>	ADVANCED AUTOMATION	P	3	
2	2	<b>2049236242</b>	AUTOMATION SYSTEM DESIGN	P	3	
2	3	<b>1020236116</b>	ADDITIVE MANUFACTURING	T	3	
3	1	<b>2049236351</b>	IN-HOUSEPROJECT/INTERNSHIP/ FELLOWSHIP /INDUSTRIALTRAINING(SW)	P	12	
3	2	<b>2049236353</b>	INTERNSHIP	P	12	
3	3	<b>2049236374</b>	IN-HOUSE PROJECT WORK	P	12	
3	4	<b>2149234274</b>	INDUSTRIAL TRAINING (SW) - I	P	12	

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**DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025**  
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Course Code		Course Name			Semester	
<b>2049</b>					<b>7</b>	
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>2049235773</b>	INDUSTRIAL TRAINING	P	2	
2		<b>2149237274</b>	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
<b>2050</b>		<b>COMPUTER TECHNOLOGY (SANDWICH)</b>				<b>1</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>TA231110</b>	TAMIL MARABU	T	2	
2		<b>MA231120</b>	BASIC MATHEMATICS	T	4	
3		<b>PH231330</b>	BASIC PHYSICS	T	3	
4		<b>CH231340</b>	BASIC CHEMISTRY	T	3	
5		<b>EN231350</b>	COMMUNICATIVE ENGLISH - I	P	2	
6		<b>WP231360</b>	BASIC WORKSHOP PRACTICES	P	2	
7		<b>DS231270</b>	DIGITAL WORKPLACE SKILLS	P	2	
8		<b>BE231280</b>	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

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

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**DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025**  
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Course Code		Course Name				Semester
<b>2050</b>		<b>COMPUTER TECHNOLOGY (SANDWICH)</b>				<b>3</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>1052233110</b>	DIGITAL LOGIC DESIGN	T	3	
2		<b>1052233230</b>	RDBMS	PT	4	
3		<b>1052233320</b>	DIGITAL LOGIC DESIGN LAB	P	2	
4		<b>1052233440</b>	C PROGRAMMING	P	3	
5		<b>1052233540</b>	WEB DESIGNING	P	3	
6		<b>1052233640</b>	OPERATING SYSTEMS	P	2	
7		<b>2050233760</b>	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		<b>2050233886</b>	HEALTH & WELLNESS	HW	1	

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

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

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

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

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

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

Course Code		Course Name				Semester
<b>2060</b>		<b>TEXTILE TECHNOLOGY (SANDWICH)</b>				<b>4</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>1060234110</b>	FABRIC STRUCTURE	T	3	
2		<b>1060234210</b>	TECHNOLOGY OF DYEING, PRINTING AND FINISHING	T	3	
3		<b>1060234320</b>	FABRIC STRUCTURE ANALYSIS	P	2	
4		<b>1060234420</b>	TEXTILE CHEMICAL PROCESSING	P	2	
5		<b>1060234540</b>	TECHNOLOGY OF SPINNING PROCESS-II	P	3	
6		<b>1060234640</b>	TECHNOLOGY OF WEAVING PROCESS -II	P	3	
7		<b>2060234760</b>	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	
<b>2060</b>		<b>TEXTILE TECHNOLOGY (SANDWICH)</b>			<b>5</b>	
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>2060235173</b>	INDUSTRIAL TRAINING	P	12	

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

Course Code		Course Name				Semester
<b>2060</b>		<b>TEXTILE TECHNOLOGY (SANDWICH)</b>				<b>6</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	<b>2060236110</b>	TEXTILE TESTING	T	3	
2	1	<b>2060236211</b>	TECHNICAL TEXTILES	T	4	
2	2	<b>2060236212</b>	MEDICAL TEXTILES	T	4	
2	3	<b>2060236213</b>	PROCESS CONTROL IN SPINNING	T	4	
3		<b>2060236320</b>	TEXTILE TESTING PRACTICAL	P	3	
4		<b>2060236440</b>	GARMENT MANUFACTURE TECHNOLOGY	P	4	
5		<b>2060236540</b>	KNITTING TECHNOLOGY	P	2	
6		<b>2060236640</b>	INNOVATION & STARTUP	P	2	
7		<b>2060236773</b>	INDUSTRIAL TRAINING	P	2	
8		<b>2060236860</b>	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
<b>2060</b>		<b>TEXTILE TECHNOLOGY (SANDWICH)</b>				<b>7</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1	1	<b>6000237111</b>	ADVANCED ENGINEERING MATHEMATICS	T	3	
1	2	<b>6000237112</b>	ENTREPRENEURSHIP	T	3	
1	3	<b>2060237113</b>	TEXTILE MANAGEMENT AND INDUSTRIAL ENGINEERING	T	3	
2	1	<b>2060237241</b>	BASICS OF FASHION DESIGN	P	3	
2	2	<b>2060237242</b>	FASHION DRAPING AND TECHNIQUES	P	3	
2	3	<b>2060237243</b>	SURFACE ORNAMENTATION ON FABRICS	P	3	
3	1	<b>2060237351</b>	INTERNSHIP	P	12	
3	2	<b>2060237353</b>	FELLOWSHIP	P	12	
3	3	<b>2060237374</b>	INHOUSE PROJECT	P	12	

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DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025  
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Course Code		Course Name				Semester
<b>2074</b>		<b>POLYMER TECHNOLOGY (SANDWICH)</b>				<b>1</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>TA231110</b>	TAMIL MARABU	T	2	
2		<b>MA231120</b>	BASIC MATHEMATICS	T	4	
3		<b>PH231330</b>	BASIC PHYSICS	T	3	
4		<b>CH231340</b>	BASIC CHEMISTRY	T	3	
5		<b>EN231350</b>	COMMUNICATIVE ENGLISH - I	P	2	
6		<b>WP231360</b>	BASIC WORKSHOP PRACTICES	P	2	
7		<b>DS231270</b>	DIGITAL WORKPLACE SKILLS	P	2	
8		<b>BE231280</b>	BASIC ENGLISH FOR EMPLOYABILITY	ASC	2	

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

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

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

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

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

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Course Code		Course Name			Semester	
<b>2074</b>		<b>POLYMER TECHNOLOGY (SANDWICH)</b>			<b>7</b>	
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>2074237120</b>	INDUSTRIAL TRAINING REPORT AND VIVA-VOCE	P	12	

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SUBJECT LIST (R2023)**

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

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Course Code		Course Name				Semester
<b>2079</b>		<b>CHEMICAL ENGINEERING (SANDWICH)</b>				<b>2</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>TA232110</b>	TAMILS AND TECHNOLOGY	T	2	
2		<b>HE232120</b>	INDUSTRIAL CHEMISTRY	T	3	
3		<b>MA232431</b>	APPLIED MATHEMATICS - I	P	3	
4		<b>PH232441</b>	APPLIED PHYSICS - I	P	2	
5		<b>CH232451</b>	APPLIED CHEMISTRY - I	P	2	
6		<b>EP232460</b>	BASIC ENGINEERING PRACTICES	P	2	
7		<b>DP232270</b>	DRAFTING PRACTICES	P	2	
8		<b>EN232480</b>	COMMUNICATIVE ENGLISH - II	P	2	
9		<b>BE232290</b>	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
<b>2079</b>		<b>CHEMICAL ENGINEERING (SANDWICH)</b>				<b>3</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>1076233110</b>	BASIC CHEMICAL ENGINEERING	T	4	
2		<b>1076233210</b>	MOMENTUM TRANSFER	T	4	
3		<b>1076233320</b>	MOMENTUM TRANSFER PRACTICAL	P	2	
4		<b>1076233420</b>	CHEMICAL CAD PRACTICAL	P	2	
5		<b>1076233520</b>	TECHNICAL ANALYSIS PRACTICAL	P	2	
6		<b>1076233640</b>	GENERAL ENGINEERING	P	3	
7		<b>1076233760</b>	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		<b>1076233886</b>	HEALTH & WELLNESS	-	1	

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

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

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SUBJECT LIST (R2023)**

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

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

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

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

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

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

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

**GOVERNMENT OF TAMIL NADU**  
**DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025**  
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Course Code		Course Name				Semester
<b>2080</b>		<b>CERAMIC TECHNOLOGY(SANDWICH)</b>				<b>5</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>2080235110</b>	REFRACTORIES	T	3	
2	1	<b>2080235211</b>	PROPERTIES OF CERAMICS	T	3	
2	2	<b>2080235212</b>	MATERIALS SCIENCE	T	3	
2	3	<b>2080235213</b>	GLASS TECHNOLOGY	T	3	
3		<b>2080235430</b>	CERAMIC COATING LABORATORY	P	3	
4		<b>2080235240</b>	REFRACTORIES LABORATORY	P	3	
5	1	<b>2080235251</b>	CERAMIC BODY PREPARATION LABORATORY	P	3	
5	2	<b>2080235252</b>	SLIP TESTING LABORATORY	P	3	
5	3	<b>2080235253</b>	ENAMEL LABORATORY	P	3	
6		<b>2080235460</b>	INNOVATION & STARTUP	P	2	
7		<b>2080235270</b>	INDUSTRIAL TRAINING	P	2	
8		<b>2080235280</b>	ADVANCED SKILLS CERTIFICATION - 5	ASC	1	

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

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

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SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
<b>2101</b>		<b>LEATHER TECHNOLOGY (SANDWICH)</b>				<b>1</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>TA231110</b>	TAMIL MARABU	T	2	
2		<b>MA231120</b>	BASIC MATHEMATICS	T	4	
3		<b>PH231330</b>	BASIC PHYSICS	T	3	
4		<b>CH231340</b>	BASIC CHEMISTRY	T	3	
5		<b>EN231350</b>	COMMUNICATIVE ENGLISH - I	P	2	
6		<b>WP231360</b>	BASIC WORKSHOP PRACTICES	P	2	
7		<b>DS231270</b>	DIGITAL WORKPLACE SKILLS	P	2	
8		<b>BE231280</b>	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
<b>2101</b>		<b>LEATHER TECHNOLOGY (SANDWICH)</b>				<b>2</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>TA232110</b>	TAMILS AND TECHNOLOGY	T	2	
2		<b>LT232120</b>	INTRODUCTION TO LEATHER AND LEATHER PRODUCTS	T	4	
3		<b>MA232433</b>	APPLIED MATHEMATICS	P	2	
4		<b>PH232441</b>	APPLIED PHYSICS - I	P	2	
5		<b>CH232451</b>	APPLIED CHEMISTRY - I	P	2	
6		<b>EP232460</b>	BASIC ENGINEERING PRACTICES	P	2	
7		<b>DP232270</b>	DRAFTING PRACTICES	P	2	
8		<b>EN232480</b>	COMMUNICATIVE ENGLISH - II	P	2	
9		<b>BE232290</b>	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
<b>2101</b>		<b>LEATHER TECHNOLOGY (SANDWICH)</b>				<b>3</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>2101233110</b>	BASICS OF LEATHER MANUFACTURE	T	3	
2		<b>2101233210</b>	THEORY OF INORGANIC AND ORGANIC TANNAGES	T	3	
3		<b>2101233340</b>	APPLIED LEATHER CHEMISTRY	P	4	
4		<b>2101233420</b>	PRE TANNING PROCESS PRACTICAL	P	3	
5		<b>2101233540</b>	PROCESS OF HEAVY AND SPORTS LEATHER	P	3	
6		<b>2101233620</b>	LEATHER PRODUCTS PRE CLOSING PRACTICAL	P	2	
8		<b>2101233886</b>	HEALTH & WELLNESS	HW	1	

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

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**SUBJECT LIST (R2023)**

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

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**SUBJECT LIST (R2023)**

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

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

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

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

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

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

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

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

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

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Course Code		Course Name				Semester
<b>3010</b>		<b>CIVIL ENGINEERING (PART TIME)</b>				<b>1</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>TA231110</b>	TAMIL MARABU	T	2	
2		<b>MA231120</b>	BASIC MATHEMATICS	T	4	
3		<b>CH231340</b>	BASIC CHEMISTRY	T	3	
4		<b>EN231350</b>	COMMUNICATIVE ENGLISH - I	P	2	
5		<b>DS231270</b>	DIGITAL WORKPLACE SKILLS	P	2	
6		<b>BE231280</b>	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
<b>3010</b>		<b>CIVIL ENGINEERING (PART TIME)</b>				<b>2</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>TA232110</b>	TAMILS AND TECHNOLOGY	T	2	
2		<b>PH231330</b>	BASIC PHYSICS	T	3	
3		<b>CE232120</b>	BASICS OF CIVIL ENGINEERING	T	3	
4		<b>MA232431</b>	APPLIED MATHEMATICS - I	P	3	
5		<b>EN232480</b>	COMMUNICATIVE ENGLISH - II	P	2	
6		<b>WP231360</b>	BASIC WORKSHOP PRACTICES	P	2	

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

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

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

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

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

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SUBJECT LIST (R2023)**

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

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Course Code		Course Name				Semester
<b>3020</b>		<b>MECHANICAL ENGINEERING (PART TIME)</b>				<b>1</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>TA231110</b>	TAMIL MARABU	T	2	
2		<b>MA231120</b>	BASIC MATHEMATICS	T	4	
3		<b>CH231340</b>	BASIC CHEMISTRY	T	3	
4		<b>EN231350</b>	COMMUNICATIVE ENGLISH - I	P	2	
5		<b>DS231270</b>	DIGITAL WORKPLACE SKILLS	P	2	
6		<b>BE231280</b>	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
<b>3020</b>		<b>MECHANICAL ENGINEERING (PART TIME)</b>				<b>2</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>TA232110</b>	TAMILS AND TECHNOLOGY	T	2	
2		<b>PH231330</b>	BASIC PHYSICS	T	3	
3		<b>ME232120</b>	BASICS OF MECHANICAL ENGINEERING	T	3	
4		<b>MA232431</b>	APPLIED MATHEMATICS - I	P	3	
5		<b>WP231360</b>	BASIC WORKSHOP PRACTICES	P	2	
6		<b>EN232480</b>	COMMUNICATIVE ENGLISH - II	P	2	

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SUBJECT LIST (R2023)**

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

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

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

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

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SUBJECT LIST (R2023)**

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

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**SUBJECT LIST (R2023)**

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

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**SUBJECT LIST (R2023)**

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

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

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

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

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

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

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SUBJECT LIST (R2023)**

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

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

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

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

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

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

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

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

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

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

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SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
<b>7010</b>		<b>CIVIL ENGINEERNG (TAMIL MEDIUM)</b>				<b>1</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>TA231110</b>	TAMIL MARABU	T	2	
2		<b>MA231120</b>	BASIC MATHEMATICS	T	4	
3		<b>PH231330</b>	BASIC PHYSICS	T	3	
4		<b>CH231340</b>	BASIC CHEMISTRY	T	3	
5		<b>EN231350</b>	COMMUNICATIVE ENGLISH - I	P	2	
6		<b>WP231360</b>	BASIC WORKSHOP PRACTICES	P	2	
7		<b>DS231270</b>	DIGITAL WORKPLACE SKILLS	P	2	
8		<b>BE231280</b>	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	
<b>7010</b>		<b>CIVIL ENGINEERNG (TAMIL MEDIUM)</b>				<b>2</b>	
Column Number	Elec	Subject Code	Subject Name			Subject Type	Credits
1		<b>TA232110</b>	TAMILS AND TECHNOLOGY			T	2
2		<b>CET232120</b>	BASICS OF CIVIL ENGINEERING (TAMIL)			T	3
3		<b>MA232431</b>	APPLIED MATHEMATICS - I			P	3
4		<b>PH232441</b>	APPLIED PHYSICS - I			P	2
5		<b>CH232451</b>	APPLIED CHEMISTRY - I			P	2
6		<b>EP232460</b>	BASIC ENGINEERING PRACTICES			P	2
7		<b>DP232270</b>	DRAFTING PRACTICES			P	2
8		<b>EN232480</b>	COMMUNICATIVE ENGLISH - II			P	2
9		<b>BE232290</b>	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	
<b>7010</b>		<b>CIVIL ENGINEERING (TAMIL MEDIUM)</b>				<b>3</b>	
Column Number	Elec	Subject Code	Subject Name			Subject Type	Credits
3		<b>1010233340</b>	SURVEYING PRACTICE			P	3
4		<b>1010233440</b>	BUILDING PLANNING AND DRAWING			P	3
5		<b>1010233540</b>	HYDRAULICS LAB			P	3
6		<b>1010233640</b>	MATERIAL TESTING LAB			P	3
7		<b>1010233760</b>	ADVANCED SKILLS CERTIFICATION - III			ASC	2
8		<b>1010233886</b>	HEALTH & WELLNESS			HW	1

**GOVERNMENT OF TAMIL NADU**  
**DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI - 600 025**  
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Course Code		Course Name				Semester
<b>7010</b>		<b>CIVIL ENGINEERNG (TAMIL MEDIUM)</b>				<b>4</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>7010234110</b>	MECHANICS OF STRUCTURES (TAMIL)	T	3	
2		<b>7010234210</b>	TRANSPORTATION ENGINEERING (TAMIL)	T	3	
3		<b>7010234330</b>	SOIL MECHANICS AND FOUNDATION ENGINEERING (TAMIL)	PT	3	
4		<b>1010234440</b>	CONCRETE TECHNOLOGY	P	3	
5		<b>1010234540</b>	CONSTRUCTION PRACTICES	P	3	
6		<b>1010234640</b>	ESTIMATION AND COSTING	P	3	
7		<b>1010234760</b>	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
<b>7010</b>		<b>CIVIL ENGINEERNG (TAMIL MEDIUM)</b>				<b>5</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>7010235110</b>	DESIGN OF RCC STRUCTURES (LIMIT STATE METHOD) (TAMIL)	T	4	
2	1	<b>7010235211</b>	MECHANICAL, ELECTRICAL, AND PLUMBING SERVICES (TAMIL)	T	3	
2	2	<b>7010235212</b>	IRRIGATION AND WATER RESOURCE ENGINEERING (TAMIL)	T	3	
2	3	<b>7010235213</b>	DEFECTS IN BUILDING AND REMEDIES (TAMIL)	T	3	
2	4	<b>7010235214</b>	URBAN PLANNING AND DEVELOPMENT (TAMIL)	T	3	
2	5	<b>7010235215</b>	BUILDING BYE LAWS AND STATUTORY DRAWINGS (TAMIL)	T	3	
3		<b>1010235320</b>	COMPUTER APPLICATIONS IN CIVIL ENGINEERING.	P	2	
4		<b>1010235440</b>	CONSTRUCTION MANAGEMENT AND SAFETY PRACTICE	P	3	
5		<b>1010235540</b>	ENVIRONMENTAL ENGINEERING	P	3	
6		<b>1010235654</b>	INNOVATION AND STARTUP	P	2	
7		<b>1010235773</b>	INDUSTRIAL TRAINING	P	2	
8		<b>1010235860</b>	ADVANCED SKILLS CERTIFICATION - V	ASC	2	

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**SUBJECT LIST (R2023)**

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

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**SUBJECT LIST (R2023)**

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

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Course Code		Course Name				Semester	
<b>7020</b>		<b>MECHANICAL ENGINEERING (TAMIL MEDIUM)</b>				<b>2</b>	
Column Number	Elec	Subject Code	Subject Name			Subject Type	Credits
1		<b>TA232110</b>	TAMILS AND TECHNOLOGY			T	2
2		<b>MET232120</b>	BASICS OF MECHANICAL ENGINEERING (TAMIL)			T	3
3		<b>MA232431</b>	APPLIED MATHEMATICS - I			P	3
4		<b>PH232441</b>	APPLIED PHYSICS - I			P	2
5		<b>CH232451</b>	APPLIED CHEMISTRY - I			P	2
6		<b>EP232460</b>	BASIC ENGINEERING PRACTICES			P	2
7		<b>DP232270</b>	DRAFTING PRACTICES			P	2
8		<b>EN232480</b>	COMMUNICATIVE ENGLISH - II			P	2
9		<b>BE232290</b>	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
<b>7020</b>		<b>MECHANICAL ENGINEERING (TAMIL MEDIUM)</b>				<b>3</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
3		<b>1020233320</b>	WORKSHOP PRACTICES	P	2	
4		<b>1020233440</b>	INDUSTRIAL DRIVES AND CONTROL	P	3	
5		<b>1020233540</b>	PRODUCTION DRAWING AND MODELING	P	3	
6		<b>1020233640</b>	MACHINE TOOL TECHNOLOGY	P	3	
7		<b>1020233760</b>	ADVANCED SKILLS CERTIFICATION - III	ASC	2	
8		<b>1020233886</b>	HEALTH & WELLNESS	HW	1	

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**SUBJECT LIST (R2023)**

Course Code		Course Name				Semester
<b>7020</b>		<b>MECHANICAL ENGINEERING (TAMIL MEDIUM)</b>				<b>4</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>7020234110</b>	ADVANCED MANUFACTURING TECHNOLOGY (TAMIL)	T	3	
2		<b>7020234230</b>	FLUID MECHANICS (TAMIL)	PT	3	
3		<b>1020234320</b>	ADVANCED MANUFACTURING TECHNOLOGY PRACTICAL	P	2	
4		<b>1020234440</b>	SENSORS AND ACTUATORS	P	3	
5		<b>1020234540</b>	HEAT POWER ENGINEERING	P	3	
6		<b>1020234640</b>	METROLOGY AND MEASUREMENTS	P	3	
7		<b>1020234760</b>	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
<b>7020</b>		<b>MECHANICAL ENGINEERING (TAMIL MEDIUM)</b>				<b>5</b>
Column Number	Elec	Subject Code	Subject Name	Subject Type	Credits	
1		<b>7020235110</b>	ELEMENTS OF MACHINE DESIGN (TAMIL)	T	3	
2		<b>7020235230</b>	INDUSTRIAL ENGINEERING AND MANAGEMENT (TAMIL)	PT	4	
3	1	<b>7020235331</b>	MODERN QC TOOLS (TAMIL)	PT	3	
3	2	<b>7020235332</b>	COMPOSITE MATERIALS (TAMIL)	PT	3	
3	3	<b>7020235333</b>	REFRIGERATION AND AIR-CONDITIONING (TAMIL)	PT	3	
3	4	<b>7020235334</b>	VALUE ENGINEERING (TAMIL)	PT	3	
3	5	<b>7020235335</b>	GREEN MANUFACTURING (TAMIL)	PT	3	
3	6	<b>7020235336</b>	LEAN MANUFACTURING (TAMIL)	PT	3	
4		<b>1020235440</b>	MAINTENANCE, REPAIRS & SERVICE	P	3	
5	1	<b>1020235541</b>	CNC PROGRAMMING	P	3	
5	2	<b>1020235542</b>	SYSTEMS APPLICATIONS AND PRODUCT (SAP)	P	3	
5	3	<b>1020235543</b>	INDUSTRIAL IOT	P	3	
5	4	<b>1020235544</b>	ADVANCED WELDING TECHNOLOGIES	P	3	
5	5	<b>1020235545</b>	INDUSTRIAL ROBOTICS	P	3	
5	6	<b>1020235546</b>	HVAC SYSTEMS AND COMPONENTS	P	3	
5	7	<b>1020235547</b>	AUTOMOBILE TECHNOLOGY	P	3	
6		<b>1020235654</b>	INNOVATION & STARTUP	P	2	
7		<b>1020235773</b>	INDUSTRIAL TRAINING	P	2	

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

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

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**SUBJECT LIST (R2023)**

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

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

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

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**SUBJECT LIST (R2023)**

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

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**SUBJECT LIST (R2023)**

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

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**SUBJECT LIST (R2023)**

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

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

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

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

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

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