

**GOVERNMENT OF TAMIL NADU
DEPARTMENT OF TECHNICAL EDUCATION
REGULATION 2023 :: SECOND SEMESTER**

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To download Individual Subject Syllabus PDF click the link below

https://docs.google.com/spreadsheets/d/1vKfysZ_KXCdNuuRHGRf9-9jwhC1BpqnJZHnSSjz0WKQ/edit?usp=sharing

**GOVERNMENT OF TAMIL NADU
DEPARTMENT OF TECHNICAL EDUCATION
DIPLOMA IN ENGINEERING TECHNOLOGY**

Regulation		Course Code		Course Name					Semester
R2023		1010		Civil Engineering (Full Time)					II
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	CE232120	Basics of Civil Engineering	3-0-0	45	3	Theory	
3	Basic Science	Practicum	MA232431	Applied Mathematics – I	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232441	Applied Physics – I	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232451	Applied Chemistry – I	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	EP232460	Basic Engineering Practices	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English – II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

***Note (applicable for all courses) : Test & Revision: 60 periods and Library: 15 periods**

**GOVERNMENT OF TAMIL NADU
DEPARTMENT OF TECHNICAL EDUCATION
DIPLOMA IN ENGINEERING TECHNOLOGY**

Regulation		Course Code		Course Name				Semester	
R2023		1012		Architectural Assistantship (Full Time)				II	
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	AA232120	Theory of Architecture	4-0-0	60	4	Theory	
3	Basic Science	Practicum	MA232431	Applied Mathematics - I	1-0-4	75	3	Practical	
4	Engineering Science	Practicum	AA232440	Basic Design & Visual Arts	2-0-2	60	3	Practical	
5	Engineering Science	Lab	AA232260	Architectural Drawing - I	0-0-4	60	2	Practical	
6	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
7	Humanities & Social Science	Practicum	EN232480	Communicative English - II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
9	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
10	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
11	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
12	Audit Course		**	Shop Floor Immersion	**	8	0	**	
13	Audit Course		**	Health & Wellness	**	30	0	**	
14	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

**GOVERNMENT OF TAMIL NADU
DEPARTMENT OF TECHNICAL EDUCATION
DIPLOMA IN ENGINEERING TECHNOLOGY**

Regulation		Course Code		Course Name					Semester
R2023		1013		Civil and Environmental Engineering (Full Time)					II
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	CN232120	Basics of Civil and Environmental Engineering	3-0-0	45	3	Theory	
3	Basic Science	Practicum	MA232431	Applied Mathematics – I	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232441	Applied Physics – I	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232451	Applied Chemistry – I	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	EP232460	Basic Engineering Practices	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English – II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

**GOVERNMENT OF TAMIL NADU
DEPARTMENT OF TECHNICAL EDUCATION
DIPLOMA IN ENGINEERING TECHNOLOGY**

Regulation		Course Code		Course Name					Semester
R2023		1014		Interior Decoration					II
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	AA232120	Theory of Architecture	3-0-0	45	3	Theory	
3	Basic Science	Practicum	MA232431	Applied Mathematics - I	1-0-4	75	3	Practical	
4	Engineering Science	Practicum	AA232440	Basic Design & Visual Arts	1-0-2	45	2	Practical	
5	Engineering Science	Practicum	AA232260	Architectural Drawing - I	0-0-4	60	2	Practical	
6	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
7	Humanities & Social Science	Practicum	EN232480	Communicative English - II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
9	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
10	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
11	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
12	Audit Course		**	Shop Floor Immersion	**	8	0	**	
13	Audit Course		**	Health & Wellness	**	30	0	**	
14	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

**GOVERNMENT OF TAMIL NADU
DEPARTMENT OF TECHNICAL EDUCATION
DIPLOMA IN ENGINEERING TECHNOLOGY**

Regulation		Course Code		Course Name					Semester
R2023		1015		Architecture (Full Time)					II
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	AA232120	Theory of Architecture	4-0-0	60	4	Theory	
3	Basic Science	Practicum	MA232431	Applied Mathematics - I	1-0-4	75	3	Practical	
4	Engineering Science	Practicum	AA232440	Basic Design & Visual Arts	2-0-2	60	3	Practical	
5	Engineering Science	Lab	AA232260	Architectural Drawing - I	0-0-4	60	2	Practical	
6	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
7	Humanities & Social Science	Practicum	EN232480	Communicative English - II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
9	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
10	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
11	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
12	Audit Course		**	Shop Floor Immersion	**	8	0	**	
13	Audit Course		**	Health & Wellness	**	30	0	**	
14	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

**GOVERNMENT OF TAMIL NADU
DEPARTMENT OF TECHNICAL EDUCATION
DIPLOMA IN ENGINEERING TECHNOLOGY**

Regulation		Course Code		Course Name					Semester
R2023		1020		Mechanical Engineering (Full Time)					II
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	ME232120	Basics of Mechanical Engineering	3-0-0	45	3	Theory	
3	Basic Science	Practicum	MA232431	Applied Mathematics - I	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232441	Applied Physics - I	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232451	Applied Chemistry - I	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	EP232460	Basic Engineering Practices	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English - II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

**.GOVERNMENT OF TAMIL NADU
DEPARTMENT OF TECHNICAL EDUCATION
DIPLOMA IN ENGINEERING TECHNOLOGY**

Regulation		Course Code		Course Name					Semester
R2023		1021		Automobile Engineering (Full Time)					II
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	ME232120	Basics of Mechanical Engineering	3-0-0	45	3	Theory	
3	Basic Science	Practicum	MA232431	Applied Mathematics - I	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232441	Applied Physics - I	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232451	Applied Chemistry - I	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	EP232460	Basic Engineering Practices	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English - II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

**GOVERNMENT OF TAMIL NADU
DEPARTMENT OF TECHNICAL EDUCATION
DIPLOMA IN ENGINEERING TECHNOLOGY**

Regulation		Course Code		Course Name					Semester
R2023		1023		Agricultural Engineering (Full Time)					II
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	ME232120	Basics of Mechanical Engineering	3-0-0	45	3	Theory	
3	Basic Science	Practicum	MA232431	Applied Mathematics - I	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232441	Applied Physics - I	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232451	Applied Chemistry - I	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	EP232460	Basic Engineering Practices	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English - II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

**GOVERNMENT OF TAMIL NADU
DEPARTMENT OF TECHNICAL EDUCATION
DIPLOMA IN ENGINEERING TECHNOLOGY**

Regulation		Course Code		Course Name				Semester	
R2023		1024		Refrigeration and Air Conditioning (Full Time)				II	
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	ME232120	Basics of Mechanical Engineering	3-0-0	45	3	Theory	
3	Basic Science	Practicum	MA232431	Applied Mathematics - I	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232441	Applied Physics - I	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232451	Applied Chemistry - I	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	EP232460	Basic Engineering Practices	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English - II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

**GOVERNMENT OF TAMIL NADU
DEPARTMENT OF TECHNICAL EDUCATION
DIPLOMA IN ENGINEERING TECHNOLOGY**

Regulation		Course Code		Course Name					Semester
R2023		1025		Diploma in Production Engineering					II
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	ME232120	Basics of Mechanical Engineering	3-0-0	45	3	Theory	
3	Basic Science	Practicum	MA232431	Applied Mathematics - I	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232441	Applied Physics - I	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232451	Applied Chemistry - I	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	EP232460	Basic Engineering Practices	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English - II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

**GOVERNMENT OF TAMIL NADU
DEPARTMENT OF TECHNICAL EDUCATION
DIPLOMA IN ENGINEERING TECHNOLOGY**

Regulation		Course Code		Course Name					Semester
R2023		1026		Metallurgy (Full Time)					II
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	MT232120	Basics of Allied Engineering	3-0-0	45	3	Theory	
3	Basic Science	Practicum	MA232431	Applied Mathematics - I	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232441	Applied Physics - I	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232451	Applied Chemistry - I	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	EP232460	Basic Engineering Practices	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English - II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

**GOVERNMENT OF TAMIL NADU
DEPARTMENT OF TECHNICAL EDUCATION
DIPLOMA IN ENGINEERING TECHNOLOGY**

Regulation		Course Code		Course Name					Semester
R2023		1027		Marine Engineering (Full Time)					II
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	MR232120	Basics of Marine Engineering	3-0-0	45	3	Theory	
3	Basic Science	Practicum	MA232431	Applied Mathematics - I	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232441	Applied Physics - I	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232451	Applied Chemistry - I	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	EP232460	Basic Engineering Practices	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English - II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

GOVERNMENT OF TAMIL NADU

**DEPARTMENT OF TECHNICAL EDUCATION
DIPLOMA IN ENGINEERING TECHNOLOGY**

Regulation		Course Code		Course Name					Semester
R2023		1030		Electrical and Electronics Engineering (Full Time)					II
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamils and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	EE232120	Basics of Electrical and Electronics Engineering	3-0-0	45	3	Theory	
3	Basic Science	Practicum	MA232432	Applied Mathematics - II	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232442	Applied Physics - II	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232452	Applied Chemistry - II	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	EP232460	Basic Engineering Practices	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English - II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

**GOVERNMENT OF TAMIL NADU
DEPARTMENT OF TECHNICAL EDUCATION
DIPLOMA IN ENGINEERING TECHNOLOGY**

Regulation		Course Code		Course Name					Semester
R2023		1032		Electrical Engineering and Electric Vehicle Technology					II
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	EE232120	Basics of Electrical and Electronics Engineering	3-0-0	45	3	Theory	
3	Basic Science	Practicum	MA232432	Applied Mathematics – II	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232442	Applied Physics – II	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232452	Applied Chemistry – II	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	EP232460	Basic Engineering Practices	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English – II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

**GOVERNMENT OF TAMIL NADU
DEPARTMENT OF TECHNICAL EDUCATION
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Regulation		Course Code		Course Name					Semester
R2023		1040		Electronics and Communication Engineering (Full Time)					II
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	EE232120	Basics of Electrical and Electronics Engineering	3-0-0	45	3	Theory	
3	Basic Science	Practicum	MA232432	Applied Mathematics – II	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232442	Applied Physics – II	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232452	Applied Chemistry – II	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	EP232460	Basic Engineering Practices	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English – II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

**GOVERNMENT OF TAMIL NADU
DEPARTMENT OF TECHNICAL EDUCATION
DIPLOMA IN ENGINEERING TECHNOLOGY**

Regulation		Course Code		Course Name					Semester
R2023		1042		Instrumentation and Control Engineering (Full Time)					II
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	IC232120	Basics of Electronics and Instrumentation	4-0-0	60	4	Theory	
3	Basic Science	Practicum	MA232432	Applied Mathematics – II	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232442	Applied Physics – II	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232452	Applied Chemistry – II	1-0-2	45	2	Practical	
6	Engineering Science	Practical	IC232260	Basics of Electronics and Instrumentation Practical	0-0-2	30	1	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English – II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

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DEPARTMENT OF TECHNICAL EDUCATION
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Regulation		Course Code		Course Name				Semester	
R2023		1046		Information Technology (Full Time)				II	
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	CS232120	Basics of Computer Engineering	3-0-0	45	3	Theory	
3	Basic Science	Practicum	MA232432	Applied Mathematics – II	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232442	Applied Physics – II	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232452	Applied Chemistry – II	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	EP232460	Basic Engineering Practices	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English – II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

**GOVERNMENT OF TAMIL NADU
DEPARTMENT OF TECHNICAL EDUCATION
DIPLOMA IN ENGINEERING TECHNOLOGY**

Regulation		Course Code		Course Name					Semester
R2023		1047		Mechatronics (Full Time)					II
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	EE232120	Basics of Electrical and Electronics Engineering	3-0-0	45	3	Theory	
3	Basic Science	Practicum	MA232432	Applied Mathematics – II	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232442	Applied Physics – II	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232452	Applied Chemistry – II	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	EP232460	Basic Engineering Practices	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English – II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

**GOVERNMENT OF TAMIL NADU
DEPARTMENT OF TECHNICAL EDUCATION
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Regulation		Course Code		Course Name					Semester
R2023		1049		Electronics (Robotics) Engineering (Full Time)					II
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	EE232120	Basics of Electrical and Electronics Engineering	3-0-0	45	3	Theory	
3	Basic Science	Practicum	MA232432	Applied Mathematics – II	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232442	Applied Physics – II	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232452	Applied Chemistry – II	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	EP232460	Basic Engineering Practices	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English – II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

**GOVERNMENT OF TAMIL NADU
DEPARTMENT OF TECHNICAL EDUCATION
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Regulation		Course Code		Course Name				Semester	
R2023		1051		Computer Science and Engineering (Full Time)				II	
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	CS232120	Basics of Computer Engineering	3-0-0	45	3	Theory	
3	Basic Science	Practicum	MA232432	Applied Mathematics – II	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232442	Applied Physics – II	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232452	Applied Chemistry – II	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	EP232460	Basic Engineering Practices	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English – II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

**GOVERNMENT OF TAMIL NADU
DEPARTMENT OF TECHNICAL EDUCATION
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Regulation		Course Code		Course Name					Semester
R2023		1052		Computer Engineering (Full Time)					II
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	CS232120	Basics of Computer Engineering	3-0-0	45	3	Theory	
3	Basic Science	Practicum	MA232432	Applied Mathematics – II	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232442	Applied Physics – II	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232452	Applied Chemistry – II	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	EP232460	Basic Engineering Practices	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English – II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

**GOVERNMENT OF TAMIL NADU
DEPARTMENT OF TECHNICAL EDUCATION
DIPLOMA IN ENGINEERING TECHNOLOGY**

Regulation		Course Code		Course Name					Semester
R2023		1054		3D Animation and Graphics (Full Time)					II
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	AN232120	Basics of 3D Animation and Graphics Engineering	3-0-0	45	3	Theory	
3	Engineering Science	Practicum	MA232432	Applied Mathematics - II	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232442	Applied Physics - II	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232452	Applied Chemistry - II	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	AN232460	Art & Foundation - I Practical	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English - II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

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Regulation		Course Code		Course Name					Semester
R2023		1055		Communication & Computer Networking (Full Time)					II
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	CS232120	Basics of Computer Engineering	3-0-0	45	3	Theory	
3	Basic Science	Practicum	MA232432	Applied Mathematics - II	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232442	Applied Physics - II	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232452	Applied Chemistry - II	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	EP232460	Basic Engineering Practices	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English - II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

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DEPARTMENT OF TECHNICAL EDUCATION
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Regulation		Course Code		Course Name					Semester
R2023		1056		Artificial Intelligence and Machine Learning (Full Time)					II
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	CS232120	Basics of Computer Engineering	3-0-0	45	3	Theory	
3	Basic Science	Practicum	MA232432	Applied Mathematics – II	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232442	Applied Physics – II	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232452	Applied Chemistry – II	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	EP232460	Basic Engineering Practices	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English – II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

**GOVERNMENT OF TAMIL NADU
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Regulation		Course Code		Course Name					Semester
R2023		1057		Web Designing (Full Time)					II
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Practicum	WD232320	Basics of Programming Language	1-0-2	45	2	Theory	
3	Basic Science	Practicum	MA232432	Applied Mathematics - II	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232442	Applied Physics - II	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232452	Applied Chemistry - II	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	EP232460	Basic Engineering Practices	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English - II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

**GOVERNMENT OF TAMIL NADU
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Regulation		Course Code		Course Name					Semester
R2023		1058		Computer Engineering and IoT (Full Time)					II
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	CS232120	Basics of Computer Engineering	3-0-0	45	3	Theory	
3	Basic Science	Practicum	MA232432	Applied Mathematics - II	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232442	Applied Physics - II	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232452	Applied Chemistry - II	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	EP232460	Basic Engineering Practices	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English - II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

**GOVERNMENT OF TAMIL NADU
DEPARTMENT OF TECHNICAL EDUCATION
DIPLOMA IN ENGINEERING TECHNOLOGY**

Regulation		Course Code		Course Name				Semester	
R2023		1059		Computer Science and Information Technology (Full Time)				II	
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	CS232120	Basics of Computer Engineering	3-0-0	45	3	Theory	
3	Basic Science	Practicum	MA232432	Applied Mathematics – II	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232442	Applied Physics – II	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232452	Applied Chemistry – II	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	EP232460	Basic Engineering Practices	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English – II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

**GOVERNMENT OF TAMIL NADU
DEPARTMENT OF TECHNICAL EDUCATION
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Regulation		Course Code		Course Name					Semester
R2023		1060		Textile Technology (Full Time)					II
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	TT232120	Basic of Textile Technology	3-0-0	45	3	Theory	
3	Basic Science	Practicum	MA232431	Applied Mathematics - I	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232441	Applied Physics - I	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232451	Applied Chemistry - I	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	TT 232460	Basics of Textile Machineries	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English - II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

**GOVERNMENT OF TAMIL NADU
DEPARTMENT OF TECHNICAL EDUCATION
DIPLOMA IN ENGINEERING TECHNOLOGY**

Regulation		Course Code		Course Name					Semester
R2023		1061		Textile Processing (Full Time)					II
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	TT232120	Basic of Textile Technology	3-0-0	45	3	Theory	
3	Basic Science	Practicum	MA232431	Applied Mathematics - I	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232441	Applied Physics - I	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232451	Applied Chemistry - I	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	TT 232460	Basics of Textile Machineries	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English - II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

**GOVERNMENT OF TAMIL NADU
DEPARTMENT OF TECHNICAL EDUCATION
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Regulation		Course Code		Course Name				Semester	
R2023		1064		Textile Marketing and Management (Full Time)				II	
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	TT232120	Basic of Textile Technology	3-0-0	45	3	Theory	
3	Basic Science	Practicum	MA232431	Applied Mathematics - I	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232441	Applied Physics - I	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232451	Applied Chemistry - I	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	TT 232460	Basics of Textile Machineries	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English - II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

**GOVERNMENT OF TAMIL NADU
DEPARTMENT OF TECHNICAL EDUCATION
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Regulation		Course Code		Course Name					Semester
R2023		1066		Garment Technology (Full Time)					II
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	TT232120	Basic of Textile Technology	3-0-0	45	3	Theory	
3	Basic Science	Practicum	MA232431	Applied Mathematics - I	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232441	Applied Physics - I	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232451	Applied Chemistry - I	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	GT232460	Apparel Machinery Engineering Practie	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English - II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

**GOVERNMENT OF TAMIL NADU
DEPARTMENT OF TECHNICAL EDUCATION
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Regulation		Course Code		Course Name					Semester
R2023		1068		Textile Technology (Knitting) (Full Time)					II
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	TT232120	Basic of Textile Technology	3-0-0	45	3	Theory	
3	Basic Science	Practicum	MA232431	Applied Mathematics - I	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232441	Applied Physics - I	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232451	Applied Chemistry - I	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	GT232460	Apparel Machinery Engineering Practices	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English - II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565	20	**	

**GOVERNMENT OF TAMIL NADU
DEPARTMENT OF TECHNICAL EDUCATION
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Regulation		Course Code		Course Name					Semester
R2023		1069		Apparel Technology (Full Time)					II
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	TT232120	Basic of Textile Technology	3-0-0	45	3	Theory	
3	Basic Science	Practicum	MA232431	Applied Mathematics - I	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232441	Applied Physics - I	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232451	Applied Chemistry - I	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	GT232460	Apparel Machinery Engineering Practices	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English - II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565	20	**	

**GOVERNMENT OF TAMIL NADU
DEPARTMENT OF TECHNICAL EDUCATION
DIPLOMA IN ENGINEERING TECHNOLOGY**

Regulation		Course Code		Course Name					Semester
R2023		1070		Chemical Technology (Full Time)					II
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	HE232120	Industrial Chemistry	3-0-0	45	3	Theory	
3	Basic Science	Practicum	MA232431	Applied Mathematics - I	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232441	Applied Physics - I	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232451	Applied Chemistry - I	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	EP232460	Basic Engineering Practices	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English - II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

**GOVERNMENT OF TAMIL NADU
DEPARTMENT OF TECHNICAL EDUCATION
DIPLOMA IN ENGINEERING TECHNOLOGY**

Regulation		Course Code		Course Name					Semester
R2023		1074		Sugar Technology (Full Time)					II
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	SU232120	Basic Engineering for Sugar Industry	3-0-0	45	3	Theory	
3	Basic Science	Practicum	MA232431	Applied Mathematics - 1	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232441	Applied Physics - 1	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232451	Applied Chemistry - 1	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	SU232460	Basic Engineering Practical for Sugar Industry	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English - II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

**GOVERNMENT OF TAMIL NADU
DEPARTMENT OF TECHNICAL EDUCATION
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Regulation		Course Code		Course Name					Semester
R2023		1075		Petrochemical Engineering (Full Time)					II
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	PC232120	Basics of Petrochemical Engineering	3-0-0	45	3	Theory	
3	Basic Science	Practicum	MA232431	Applied Mathematics – I	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232441	Applied Physics – I	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232451	Applied Chemistry – I	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	EP232460	Basic Engineering Practices	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English – II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

**GOVERNMENT OF TAMIL NADU
DEPARTMENT OF TECHNICAL EDUCATION
DIPLOMA IN ENGINEERING TECHNOLOGY**

Regulation		Course Code		Course Name				Semester	
R2023		1076		Chemical Engineering				II	
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	HE232120	Industrial Chemistry	3-0-0	45	3	Theory	
3	Basic Science	Practicum	MA232431	Applied Mathematics – I	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232441	Applied Physics – I	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232451	Applied Chemistry – I	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	EP232460	Basic Engineering Practices	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English – II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

**GOVERNMENT OF TAMIL NADU
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Regulation		Course Code		Course Name					Semester
R2023		1079		Paper Technology (Full Time)					II
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	PT232120	Basics of Printing & Paper Technology	3-0-0	45	3	Theory	
3	Basic Science	Practicum	MA232431	Applied Mathematics – I	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232441	Applied Physics – I	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232451	Applied Chemistry – I	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	EP232460	Basic Engineering Practices	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English – II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

**GOVERNMENT OF TAMIL NADU
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Regulation		Course Code		Course Name					Semester
R2023		1093		Biomedical Engineering (Full Time)					II
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	BM232120	Basics of Anatomy & Physiology	3-0-0	45	3	Theory	
3	Basic Science	Practicum	MA232432	Applied Mathematics – II	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232442	Applied Physics – II	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232452	Applied Chemistry – II	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	BM232460	Anatomy Practices	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English – II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

**GOVERNMENT OF TAMIL NADU
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Regulation		Course Code		Course Name					Semester
R2023		1094		Logistics Technologies (Full Time)					II
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	ME232120	Basics of Mechanical Engineering	3-0-0	45	3	Theory	
3	Basic Science	Practicum	MA232431	Applied Mathematics - I	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232441	Applied Physics - I	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232451	Applied Chemistry - I	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	EP232460	Basic Engineering Practices	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English - II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

**GOVERNMENT OF TAMIL NADU
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Regulation		Course Code		Course Name					Semester
R2023		1121		Mining Engineering (Full Time)					II
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	ME232120	Basics of Mechanical Engineering	3-0-0	45	3	Theory	
3	Basic Science	Practicum	MA232431	Applied Mathematics - I	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232441	Applied Physics - I	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232451	Applied Chemistry - I	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	EP232460	Basic Engineering Practices	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English - II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

**GOVERNMENT OF TAMIL NADU
DEPARTMENT OF TECHNICAL EDUCATION
DIPLOMA IN ENGINEERING TECHNOLOGY**

Regulation		Course Code		Course Name					Semester
R2023		1122		Fire and Safety (Full Time)					II
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	FS232120	Basics of Fire Technology and Safety	3-0-0	45	3	Theory	
3	Basic Science	Practicum	MA232431	Applied Mathematics - I	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232441	Applied Physics - I	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232451	Applied Chemistry - I	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	EP232460	Basic Engineering Practices	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English - II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565	20	**	

**GOVERNMENT OF TAMIL NADU
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Regulation		Course Code		Course Name					Semester
R2023		1123		Mechanical Engineering (CAD) (Full Time)					II
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	ME232120	Basics of Mechanical Engineering	3-0-0	45	3	Theory	
3	Basic Science	Practicum	MA232431	Applied Mathematics - I	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232441	Applied Physics - I	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232451	Applied Chemistry - I	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	EP232460	Basic Engineering Practices	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English - II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

**GOVERNMENT OF TAMIL NADU
DEPARTMENT OF TECHNICAL EDUCATION
DIPLOMA IN ENGINEERING TECHNOLOGY**

Regulation		Course Code		Course Name					Semester
R2023		1142		Medical Laboratory Technology					II
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	EE232120	Basics of Electrical and Electronics Engineering	3-0-0	45	3	Theory	
3	Basic Science	Practicum	MA232432	Applied Mathematics – II	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232442	Applied Physics – II	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232452	Applied Chemistry – II	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	EP232460	Basic Engineering Practices	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English – II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

**GOVERNMENT OF TAMIL NADU
DEPARTMENT OF TECHNICAL EDUCATION
DIPLOMA IN ENGINEERING TECHNOLOGY**

Regulation		Course Code		Course Name					Semester
R2023		1143		Technician X-Ray Technology (Full Time)					II
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	ME232120	Basics of Mechanical Engineering	3-0-0	45	3	Theory	
3	Basic Science	Practicum	MA232431	Applied Mathematics - I	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232441	Applied Physics - I	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232451	Applied Chemistry - I	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	EP232460	Basic Engineering Practices	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English - II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

**GOVERNMENT OF TAMIL NADU
DEPARTMENT OF TECHNICAL EDUCATION
DIPLOMA IN ENGINEERING TECHNOLOGY**

Regulation		Course Code		Course Name					Semester
R2023		1144		Automation and Robotics (Full Time)					II
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	EE232120	Basics of Electrical and Electronics Engineering	3-0-0	45	3	Theory	
3	Basic Science	Practicum	MA232432	Applied Mathematics – II	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232442	Applied Physics – II	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232452	Applied Chemistry – II	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	EP232460	Basic Engineering Practices	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English – II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

**GOVERNMENT OF TAMIL NADU
DEPARTMENT OF TECHNICAL EDUCATION
DIPLOMA IN ENGINEERING TECHNOLOGY**

Regulation		Course Code		Course Name				Semester	
R2023		1145		Biomedical Electronics (Full Time)				II	
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	BM232120	Basics of Anatomy & Physiology	3-0-0	45	3	Theory	
3	Basic Science	Practicum	MA232432	Applied Mathematics – II	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232442	Applied Physics – II	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232452	Applied Chemistry – II	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	BM232460	Anatomy Practices	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English – II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

**GOVERNMENT OF TAMIL NADU
DEPARTMENT OF TECHNICAL EDUCATION
DIPLOMA IN ENGINEERING TECHNOLOGY**

Regulation		Course Code		Course Name					Semester
R2023		1146		ECG Technologies (Full Time)					II
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	BM232120	Basics of Anatomy & Physiology	3-0-0	45	3	Theory	
3	Basic Science	Practicum	MA232432	Applied Mathematics - II	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232442	Applied Physics - II	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232452	Applied Chemistry - II	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	BM232460	Anatomy Practices	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English - II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

**GOVERNMENT OF TAMIL NADU
DEPARTMENT OF TECHNICAL EDUCATION
DIPLOMA IN ENGINEERING TECHNOLOGY**

Regulation		Course Code		Course Name				Semester	
R2023		1147		Digital Manufacturing Technology (Full Time)				II	
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	DM232120	Basics of Digital Manufacturing	3-0-0	45	3	Theory	
3	Basic Science	Practicum	MA232431	Applied Mathematics – I	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232441	Applied Physics – I	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232451	Applied Chemistry – I	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	EP232460	Basic Engineering Practices	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English – II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

**GOVERNMENT OF TAMIL NADU
DEPARTMENT OF TECHNICAL EDUCATION
DIPLOMA IN ENGINEERING TECHNOLOGY**

Regulation		Course Code		Course Name				Semester	
R2023		1202		Printing Technology (Full Time)				II	
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	PT232120	Basics of Printing & Paper Technology	3-0-0	45	3	Theory	
3	Basic Science	Practicum	MA232431	Applied Mathematics - I	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232441	Applied Physics - I	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232451	Applied Chemistry - I	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	EP232460	Basic Engineering Practices	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English - II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

**GOVERNMENT OF TAMIL NADU
DEPARTMENT OF TECHNICAL EDUCATION
DIPLOMA IN ENGINEERING TECHNOLOGY**

Regulation		Course Code		Course Name					Semester
R2023		1220		Mechanical Engineering (Tool and Die) (Full Time)					II
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamils and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	ME232120	Basics of Mechanical Engineering	3-0-0	45	3	Theory	
3	Basic Science	Practicum	MA232431	Applied Mathematics - I	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232441	Applied Physics - I	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232451	Applied Chemistry - I	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	EP232460	Basic Engineering Practices	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English - II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

**GOVERNMENT OF TAMIL NADU
DEPARTMENT OF TECHNICAL EDUCATION
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Regulation		Course Code		Course Name					Semester
R2023		1221		Mechanical Engineering (Refrigeration & Air Conditioning) (Full Time)					II
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	ME232120	Basics of Mechanical Engineering	3-0-0	45	3	Theory	
3	Basic Science	Practicum	MA232431	Applied Mathematics – I	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232441	Applied Physics – I	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232451	Applied Chemistry – I	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	EP232460	Basic Engineering Practices	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English – II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

**GOVERNMENT OF TAMIL NADU
DEPARTMENT OF TECHNICAL EDUCATION
DIPLOMA IN ENGINEERING TECHNOLOGY**

Regulation		Course Code		Course Name					Semester
R2023		1222		Agricultural Technology (Full Time)					II
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	ME232120	Basics of Mechanical Engineering	3-0-0	45	3	Theory	
3	Basic Science	Practicum	MA232431	Applied Mathematics - I	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232441	Applied Physics - I	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232451	Applied Chemistry - I	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	EP232460	Basic Engineering Practices	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English - II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

**GOVERNMENT OF TAMIL NADU
DEPARTMENT OF TECHNICAL EDUCATION
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Regulation		Course Code		Course Name					Semester
R2023		1223		Fashion Technology (Full Time)					II
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	TT232120	Basic of Textile Technology	3-0-0	45	3	Theory	
3	Basic Science	Practicum	MA232431	Applied Mathematics - I	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232441	Applied Physics - I	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232451	Applied Chemistry - I	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	GT232460	Apparel Machinery Engineering Practices	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English - II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

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DEPARTMENT OF TECHNICAL EDUCATION
DIPLOMA IN ENGINEERING TECHNOLOGY**

Regulation		Course Code		Course Name					Semester
R2023		1224		Textile Technology (Textile Design and Weaving) (Full Time)					II
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	TT232120	Basic of Textile Technology	3-0-0	45	3	Theory	
3	Basic Science	Practicum	MA232431	Applied Mathematics - I	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232441	Applied Physics - I	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232451	Applied Chemistry - I	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	TT 232460	Basics of Textile Machineries	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English - II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

**GOVERNMENT OF TAMIL NADU
DEPARTMENT OF TECHNICAL EDUCATION
DIPLOMA IN ENGINEERING TECHNOLOGY**

Regulation		Course Code		Course Name					Semester
R2023		1225		Textile Technology (Man Made Fiber) (Full Time)					II
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	TT232120	Basic of Textile Technology	3-0-0	45	3	Theory	
3	Basic Science	Practicum	MA232431	Applied Mathematics - I	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232441	Applied Physics - I	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232451	Applied Chemistry - I	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	TT 232460	Basics of Textile Machineries	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English - II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

**GOVERNMENT OF TAMIL NADU
DEPARTMENT OF TECHNICAL EDUCATION
DIPLOMA IN ENGINEERING TECHNOLOGY**

Regulation		Course Code		Course Name				Semester	
R2023		1226		Applied Arts and Crafts (Fashion and Apparel Design) (Full Time)				II	
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	TT232120	Basic of Textile Technology	3-0-0	45	3	Theory	
3	Basic Science	Practicum	MA232431	Applied Mathematics - I	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232441	Applied Physics - I	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232451	Applied Chemistry - I	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	GT232460	Apparel Machinery Engineering Practices	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English - II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

**GOVERNMENT OF TAMIL NADU
DEPARTMENT OF TECHNICAL EDUCATION
DIPLOMA IN ENGINEERING TECHNOLOGY**

Regulation		Course Code		Course Name					Semester
R2023		1513		Gaming and Animation (Full Time)					II
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	GA232120	Basics of Gaming and Animation Engineering	3-0-0	45	3	Theory	
3	Basic Science	Practicum	MA232432	Applied Mathematics – II	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232442	Applied Physics – II	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232452	Applied Chemistry – II	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	AN232460	Art & Foundation – I Practical	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English – II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

**GOVERNMENT OF TAMIL NADU
DEPARTMENT OF TECHNICAL EDUCATION
DIPLOMA IN ENGINEERING TECHNOLOGY**

Regulation		Course Code		Course Name					Semester
R2023		2010		Civil Engineering (Sandwich)					II
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	CE232120	Basics of Civil Engineering	3-0-0	45	3	Theory	
3	Basic Science	Practicum	MA232431	Applied Mathematics - I	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232441	Applied Physics - I	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232451	Applied Chemistry - I	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	EP232460	Basic Engineering Practices	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English - II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

**GOVERNMENT OF TAMIL NADU
DEPARTMENT OF TECHNICAL EDUCATION
DIPLOMA IN ENGINEERING TECHNOLOGY**

Regulation		Course Code		Course Name					Semester
R2023		2020		Mechanical Engineering (Sandwich)					II
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	ME232120	Basics of Mechanical Engineering	3-0-0	45	3	Theory	
3	Basic Science	Practicum	MA232431	Applied Mathematics - I	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232441	Applied Physics - I	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232451	Applied Chemistry - I	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	EP232460	Basic Engineering Practices	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English - II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

**GOVERNMENT OF TAMIL NADU
DEPARTMENT OF TECHNICAL EDUCATION
DIPLOMA IN ENGINEERING TECHNOLOGY**

Regulation		Course Code		Course Name				Semester	
R2023		2022		Mechanical Engineering (Machine Tool Maintenance and Repairs) (Sandwich)				II	
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	ME232120	Basics of Mechanical Engineering	3-0-0	45	3	Theory	
3	Basic Science	Practicum	MA232431	Applied Mathematics - I	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232441	Applied Physics - I	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232451	Applied Chemistry - I	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	EP232460	Basic Engineering Practices	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English - II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

**GOVERNMENT OF TAMIL NADU
DEPARTMENT OF TECHNICAL EDUCATION
DIPLOMA IN ENGINEERING TECHNOLOGY**

Regulation		Course Code		Course Name					Semester
R2023		2023		Automobile Engineering (Sandwich)					II
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	ME232120	Basics of Mechanical Engineering	3-0-0	45	3	Theory	
3	Basic Science	Practicum	MA232431	Applied Mathematics - I	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232441	Applied Physics - I	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232451	Applied Chemistry - I	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	EP232460	Basic Engineering Practices	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English - II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

**GOVERNMENT OF TAMIL NADU
DEPARTMENT OF TECHNICAL EDUCATION
DIPLOMA IN ENGINEERING TECHNOLOGY**

Regulation		Course Code		Course Name					Semester
R2023		2040		Electronics and Communication Engineering (Sandwich)					II
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	EE232120	Basics of Electrical and Electronics Engineering	3-0-0	45	3	Theory	
3	Basic Science	Practicum	MA232432	Applied Mathematics – II	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232442	Applied Physics – II	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232452	Applied Chemistry – II	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	EP232460	Basic Engineering Practices	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English – II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

**GOVERNMENT OF TAMIL NADU
DEPARTMENT OF TECHNICAL EDUCATION
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Regulation		Course Code		Course Name					Semester
R2023		2047		Mechatronics (Sandwich)					II
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	EE232120	Basics of Electrical and Electronics Engineering	3-0-0	45	3	Theory	
3	Basic Science	Practicum	MA232432	Applied Mathematics – II	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232442	Applied Physics – II	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232452	Applied Chemistry – II	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	EP232460	Basic Engineering Practices	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English – II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

**GOVERNMENT OF TAMIL NADU
DEPARTMENT OF TECHNICAL EDUCATION
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Regulation		Course Code		Course Name					Semester
R2023		2050		Computer Technology (Sandwich)					II
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	CS232120	Basics of Computer Engineering	3-0-0	45	3	Theory	
3	Basic Science	Practicum	MA232432	Applied Mathematics - II	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232442	Applied Physics - II	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232452	Applied Chemistry - II	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	EP232460	Basic Engineering Practices	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English - II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

**GOVERNMENT OF TAMIL NADU
DEPARTMENT OF TECHNICAL EDUCATION
DIPLOMA IN ENGINEERING TECHNOLOGY**

Regulation		Course Code		Course Name					Semester
R2023		2074		Polymer Technology (Sandwich)					II
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	PL232120	Basic Organic Chemistry	3-0-0	45	3	Theory	
3	Basic Science	Practicum	MA232431	Applied Mathematics - I	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232441	Applied Physics - I	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232451	Applied Chemistry - I	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	EP232460	Basic Engineering Practices	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English - II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

**GOVERNMENT OF TAMIL NADU
DEPARTMENT OF TECHNICAL EDUCATION
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Regulation		Course Code		Course Name					Semester
R2023		2079		Chemical Engineering (Sandwich)					II
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	HE232120	Industrial Chemistry	3-0-0	45	3	Theory	
3	Basic Science	Practicum	MA232431	Applied Mathematics - I	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232441	Applied Physics - I	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232451	Applied Chemistry - I	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	EP232460	Basic Engineering Practices	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English - II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

**GOVERNMENT OF TAMIL NADU
DEPARTMENT OF TECHNICAL EDUCATION
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Regulation		Course Code		Course Name					Semester
R2023		2080		Ceramic Technology (Sandwich)					II
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	CR232120	Basics of Ceramic Engineering	3-0-0	45	3	Theory	
3	Basic Science	Practicum	MA232431	Applied Mathematics - I	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232441	Applied Physics - I	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232451	Applied Chemistry - I	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	CR232460	Basic Ceramic Engineering Practices	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English - II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

**GOVERNMENT OF TAMIL NADU
DEPARTMENT OF TECHNICAL EDUCATION
DIPLOMA IN ENGINEERING TECHNOLOGY**

Regulation		Course Code		Course Name					Semester
R2023		2101		Leather Technology (Sandwich)					II
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	LT232120	Introduction to Leather and Leather Products	4-0-0	60	4	Theory	
3	Basic Science	Practicum	MA232433	Applied Mathematics	1-0-2	45	2	Practical	
4	Basic Science	Practicum	PH232441	Applied Physics – I	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232451	Applied Chemistry – I	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	EP232460	Basic Engineering Practices	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English – II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	16	0	**	
13	Audit Course		**	Shop Floor Immersion	**	15	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

**GOVERNMENT OF TAMIL NADU
DEPARTMENT OF TECHNICAL EDUCATION
DIPLOMA IN ENGINEERING TECHNOLOGY**

Regulation		Course Code		Course Name					Semester
R2023		2149		Robotics and Automation (Full Time)					II
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	EE232120	Basics of Electrical and Electronics Engineering	3-0-0	45	3	Theory	
3	Basic Science	Practicum	MA232432	Applied Mathematics – II	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232442	Applied Physics – II	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232452	Applied Chemistry – II	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	EP232460	Basic Engineering Practices	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English – II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

**GOVERNMENT OF TAMIL NADU
DEPARTMENT OF TECHNICAL EDUCATION
DIPLOMA IN ENGINEERING TECHNOLOGY**

Regulation		Course Code		Course Name				Semester	
R2023		3010		Civil Engineering (Part Time)				II	
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Basic Science	Practicum	PH231330	Basic Physics	2-0-2	60	3	Theory	
3	Program Core	Theory	CE232120	Basics of Civil Engineering	3-0-0	45	3	Theory	
4	Basic Science	Practicum	MA232431	Applied Mathematics – I	1-0-4	75	3	Practical	
5	Humanities & Social Science	Practicum	EN232480	Communicative English – II	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	WP231360	Basic Workshop Practices	1-0-2	45	2	Practical	
TOTAL(s)						300	15	**	

**GOVERNMENT OF TAMIL NADU
DEPARTMENT OF TECHNICAL EDUCATION
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Regulation		Course Code		Course Name					Semester
R2023		3020		Mechanical Engineering (Part Time)					II
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Basic Science	Practicum	PH231330	Basic Physics	2-0-2	60	3	Theory	
3	Program Core	Theory	ME232120	Basics of Mechanical Engineering	3-0-0	45	3	Theory	
4	Basic Science	Practicum	MA232431	Applied Mathematics – I	1-0-4	75	3	Practical	
5	Engineering Science	Practicum	WP231360	Basic Workshop Practices	1-0-2	45	2	Practical	
6	Humanities & Social Science	Practicum	EN232480	Communicative English II	1-0-2	45	2	Practical	
TOTAL(s)						300	15	**	

**GOVERNMENT OF TAMIL NADU
DEPARTMENT OF TECHNICAL EDUCATION
DIPLOMA IN ENGINEERING TECHNOLOGY**

Regulation		Course Code		Course Name				Semester	
R2023		3030		Electrical and Electronics Engineering (Part Time)				II	
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Basic Science	Practicum	PH231330	Basic Physics	2-0-2	60	3	Theory	
3	Program Core	Theory	EE232120	Basics of Electrical and Electronics Engineering	3-0-0	45	3	Theory	
4	Basic Science	Practicum	MA232432	Applied Mathematics - II	1-0-4	75	3	Practical	
5	Engineering Science	Practicum	WP231360	Basic Workshop Practices	1-0-2	45	2	Practical	
6	Humanities & Social Science	Practicum	EN232480	Communicative English II	1-0-2	45	2	Practical	
TOTAL(s)						300	15	**	

**GOVERNMENT OF TAMIL NADU
DEPARTMENT OF TECHNICAL EDUCATION
DIPLOMA IN ENGINEERING TECHNOLOGY**

Regulation		Course Code		Course Name				Semester	
R2023		3040		Electronics and Communication Engineering (Part Time)				II	
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Basic Science	Practicum	PH231330	Basic Physics	2-0-2	60	3	Theory	
3	Program Core	Theory	EE232120	Basics of Electrical and Electronics Engineering	3-0-0	45	3	Theory	
4	Basic Science	Practicum	MA232432	Applied Mathematics II	1-0-4	75	3	Practical	
5	Engineering Science	Practicum	WP231360	Basic Workshop Practices	1-0-2	45	2	Practical	
6	Humanities & Social Science	Practicum	EN232480	Communicative English II	1-0-2	45	2	Practical	
TOTAL(s)						300	15	**	

**GOVERNMENT OF TAMIL NADU
DEPARTMENT OF TECHNICAL EDUCATION
DIPLOMA IN ENGINEERING TECHNOLOGY**

Regulation		Course Code		Course Name					Semester
R2023		7010		Civil Engineering (Full Time) (Tamil Medium)					II
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	CE232120	Basics of Civil Engineering	3-0-0	45	3	Theory	
3	Basic Science	Practicum	MA232431	Applied Mathematics - I	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232441	Applied Physics - I	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232451	Applied Chemistry - I	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	EP232460	Basic Engineering Practices	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English - II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

**GOVERNMENT OF TAMIL NADU
DEPARTMENT OF TECHNICAL EDUCATION
DIPLOMA IN ENGINEERING TECHNOLOGY**

Regulation		Course Code		Course Name					Semester
R2023		7020		Mechanical Engineering (Full Time) (Tamil Medium)					II
##	Category	Type	Code	Title	L-T-P	Period	Credit	End Exam	
1	Humanities & Social Science	Theory	TA232110	தமிழரும் தொழில்நுட்பமும் Tamil and Technology	2-0-0	30	2	Theory	
2	Program Core	Theory	ME232120	Basics of Mechanical Engineering	3-0-0	45	3	Theory	
3	Basic Science	Practicum	MA232431	Applied Mathematics - I	1-0-4	75	3	Practical	
4	Basic Science	Practicum	PH232441	Applied Physics - I	1-0-2	45	2	Practical	
5	Basic Science	Practicum	CH232451	Applied Chemistry - I	1-0-2	45	2	Practical	
6	Engineering Science	Practicum	EP232460	Basic Engineering Practices	1-0-2	45	2	Practical	
7	Engineering Science	Lab	DP232270	Drafting Practices	0-0-4	60	2	Practical	
8	Humanities & Social Science	Practicum	EN232480	Communicative English - II	1-0-2	45	2	Practical	
9	Open Elective	Advanced Skill Certification	BE232290	Advanced Skills Certification - II	1-0-2	45	2	NA	
10	Humanities & Social Science	Integrated Learning Experience	**	Growth Lab	**	30	0	**	
11	Audit Course		**	I&E/ Club Activity / Community Initiatives	**	30	0	**	
12	Audit Course		**	Emerging Technology Seminars	**	8	0	**	
13	Audit Course		**	Shop Floor Immersion	**	8	0	**	
14	Audit Course		**	Health & Wellness	**	30	0	**	
15	Audit Course		**	Student Led Initiative	**	24	0	**	
TOTAL(s)						565*	20	**	

***Note (applicable for all courses) : Test & Revision: 60 periods and Library: 15 periods**