DEPARTMENT OF TECHNICAL EDUCATION

From	To
The Commissioner, Directorate of Technical Education, Chennai – 600 025.	The Principals of Government, Government Aided, Self-Financing Polytechnic Colleges and Special Institutions.

Letter No. 23069/Y3/CDC/2022 Dated   11.12.2023

Sir/Madam,

Sub:	Technical Education – Curriculum Development Centre – Diploma in Engineering and Technology - Hosting of second semester syllabi under New Regulation 2023 for the academic year 2023-2024 – Reg.

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The second semester syllabi under New Regulation 2023 for Diploma Programmes in Engineering and Technology from the academic year 2023-2024 is hosted in the DoTE website (www.dte.tn.gov.in).

All the Principals are requested to inform the same to the HoD/Faculty Members concerned and display the same on the notice board.

Sd/- xx xx xx

Commissioner of Technical Education

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

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 Tamils 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 Tamils 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 Tamils 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 Tamils 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 Tamils 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 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
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 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
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 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
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 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
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 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
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 Tamils 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 Tamils 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 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	**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 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	**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 Tamils 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**	**

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

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 Tamils 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 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	**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 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	**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 Tamils 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	**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 Tamils 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 Tamils 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**	****

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

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

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 Tamils 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 Tamils 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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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 Tamils 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**	**

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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 Tamils 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
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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**

##	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	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
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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 Tamils 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 Tamils 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	**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 Tamils 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 Tamils 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 Tamils 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
DIPLOMA IN ENGINEERING TECHNOLOGY

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 Tamils 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
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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 Tamils 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	**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 Tamils 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
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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 Tamils 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

##	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
DIPLOMA IN ENGINEERING TECHNOLOGY

Regulation	Course Code	Course Name		Semester
R2023	**1121**	**Mining Engineering (Full Time)**		**II**
##	**Category**	**Type**	**Code**	**Title**	**L-T-P**	**Period**	**Credit**	**End Exam**
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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
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 Tamils 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
DEPARTMENT OF TECHNICAL EDUCATION
DIPLOMA IN ENGINEERING TECHNOLOGY

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 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
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 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	**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 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
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 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	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 Tamils 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 Tamils 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 Tamils 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 Tamils 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
DIPLOMA IN ENGINEERING TECHNOLOGY

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 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
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 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
DIPLOMA IN ENGINEERING TECHNOLOGY

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 Tamils 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	**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 Tamils 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 Tamils 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 Tamils 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 Tamils 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 Tamils 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**	**Mechnical Engineering (Sandwich)**		**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
DIPLOMA IN ENGINEERING TECHNOLOGY

Regulation	Course Code	Course Name						Semester
R2023	**2022**	**Mechnical 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 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
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 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
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 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	**2047**	**Mechatronics (Sandwich)**						**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	**2050**	**Computer Technology (Sandwich)**		**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	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 Tamils 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
DIPLOMA IN ENGINEERING TECHNOLOGY

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 Tamils 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	2080	Ceramic Technology (Sandwich)	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	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 Tamils 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 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		**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 Tamils 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
DIPLOMA IN ENGINEERING TECHNOLOGY

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 Tamils 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 Tamils 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 Tamils 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 Tamils 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**	**Mechnical 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 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	**

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