



GOVERNMENT OF NAGALAND
DIRECTORATE OF TECHNICAL EDUCATION
NAGALAND: KOHIMA



DIPLOMA CURRICULUM
STRUCTURE
FOR
Common Subject for Semester I & II
3 (THREE) YEARS COURSE

APPROVED
BY
STATE COUNCIL FOR TECHNICAL EDUCATION (SCTE)
NAGALAND

DESIGNED IN COLLABORATION WITH

- STRUCTURE BY NITTTR, KOLKATA
- AICTE MODEL CURRICULUM
- BASED ON NEP2020
- COA GUIDELINES AND NORMS

FOR THE STATE OF NAGALAND
(July 2025)

Common Structure for First Year

SEMESTER- I

SL. No	Category of Course	Code No	Course Title	Study Scheme				Evaluation Scheme							Total Marks	Credits
				Pre-requisite	Contact Hours/ week			Theory				Practical				
					L	T	P	End Exam	Progressive Assessment			End Exam	Progressive Assessment			
									Class Test	Assignment	Attendance		Sessional	Viva voce		
1	BASIC SCIENCE	BS101	Mathematics -I		2	1	0	60	20	15	5	-	-	-	100	3
2		BS103	Applied Physics -I		2	1	0	60	20	15	5	-	-	-	100	3
3		BS 105	Applied Chemistry		2	1	0	60	20	15	5	-	-	-	100	3
4		BS107	Applied Physics –I Lab		0	0	2	0	-	-	-	40	40	20	100	1
5		BS109	Applied Chemistry Lab		0	0	2	0	-	-	-	40	40	20	100	1
6	HUMANITIES & SOCIAL SCIENCE	HS101	Communication skills in English		2	0	0	60	20	15	5	-	-	-	100	2
7		HS 103	Sports & Yoga/ NCC/NSS		0	0	2	-	-	-	-	40	40	20	100	1
8		HS 105	Communication skills in English Lab-I		0	0	2	-	-	-	-	40	40	20	100	1
9	ENGINEERING SCIENCE	ES101	Engineering Graphics		0	0	3	-	-	-	-	-	60	40	100	1.5
10		ES103	Engineering Workshop Practice		0	0	3	-	-	-	-	-	60	40	100	1.5
TOTAL					8	3	14	240	80	60	20	160	280	160	1000	18

SEMESTER- II

SL. No	Category of Course	Code No	Course Title	Study Scheme				Evaluation Scheme							Total Marks	Credits
				Pre-requisite	Contact Hours/ week			Theory				Practical				
					L	T	P	End Exam	Progressive Assessment			End Exam	Progressive Assessment			
									Class Test	Assignm ent	Attendance		Sessional	Viva voce		
1	BASIC SCIENCE	BS102	Mathematics - II	BS101	3	1	0	60	20	15	5	-	-	-	100	4
2		BS104	Applied Physics - II	BS103	2	1	0	60	20	15	5	-	-	-	100	3
3		BS106	Applied Physics – II Lab	BS107	0	0	2	-	-			40	40	20	100	1
4	ENGINEERING SCIENCE	ES102	Introduction to IT Systems		2	0	0	60	20	15	5	-	-	-	100	2
5		ES104	Fundamentals of Electrical & Electronics Engineering		2	1	0	60	20	15	5	-	-	-	100	3
6		ES106	Engineering Mechanics		2	1	0	60	20	15	5	-	-	-	100	3
7		ES108	Introduction to IT Systems Lab		0	0	2	-	-	-	-	40	40	20	100	1
8		ES110	Fundamentals of Electrical & Electronics Engineering Lab		0	0	2	-	-	-	-	40	40	20	100	1
9		ES112	Engineering Mechanics Lab		0	0	2	-	-	-	-	40	40	20	100	1
	HUMANITIES & SOCIAL SCIENCE	HS 106	Communication skills in English Lab-II		0	0	2	-	-	-	-	-	-	-	-	1
10	MANDATORY AUDIT COURSE	AU102	Environmental Science		2	0	0	0	0	0	0	0	0	0	0	0
TOTAL					13	4	10	300	100	75	25	160	160	80	900	20