

SETHU INSTITUTE OF TECHNOLOGY
PULLOOR, KARIAPATTI – 626 115.
(AN AUTONOMOUS INSTITUTION)



REGULATION – 2021

B.TECH-Artificial Intelligence and Data Science

BATCH 2022-2026

CURRICULUM

**Chairperson
Board of Studies**

**Chairman
Academic Council**



B.TECH-Artificial Intelligence and Data Science

OVERALL COURSE STRUCTURE

S.No	Course Category	Total No. of Courses	Credits	Credit Percentage
1	Humanities and Social Sciences (HS)	5	9	6
2	Basic Science courses (BS)	11	32	20
3	Engineering Science courses (ES)	8	18.5	11
4	Professional Core courses (PC)	24	57.5	35
5	Professional Elective (PE)	6	18	11
6	Open Elective (OE)	4	12	7
7	Project work (PW)	3	13	8
8	Mandatory Courses (MC)	10	2	1
TOTAL		71	162	100

SEMESTER-WISE COURSE STRUCTURE – NUMBER OF COURSES

Semester	HS	BS	ES	PC	PE	OE	P	M C	TOTAL
I	1	4	4	-	-	-	-	1	10
II	1	3	3	-	-	-	-	2	9
III	-	1	-	7	-	-	-	2	10
IV	-	1	1	6	-	-	-	1	9
V	1	2		3	1	1	1		9
VI	1			4	2	1	1	1	10
VII	1			4	2	1		2	10
VIII					1	1	1	1	4
TOTAL	5	11	8	24	6	4	3	10	71

SEMESTER-WISE COURSE STRUCTURE – CREDITS

Semester	HS	BS	ES	PC	PE	OE	P	MC	TOTAL
I	2	11	8	-	-	-	-	-	21
II	1.5	8	7.5	-	-	-	-	1	18
III	-	4	-	18	-	-	-	1	23
IV	-	4	3	14	-	-	-	-	21
V	1	5		7	3	3	1		20
VI	1.5			10.5	6	3	4		25
VII	3			8	6	3			20
VIII					3	3	8		14
TOTAL	9	32	18.5	57.5	18	12	13	2	162

Semester I

Semester II

Semester III

Semester IV

Semester V

Semester VI

Semester VII

Semester VIII

Non Credit - Mandatory Courses

Course Code	Course Title	L	T	P	C	Type of Course
21UGM131	Induction Programme (Common to All Branches)	0	3	0	P/F	MC
21UGT140	Heritage of Tamil (Common to All Branches)	1	0	0	1	MC
21UGM331	Biology for Engineers (Common to All except BME & BT)	2	0	0	P/F	MC
21UGT241	Tamil and Technology (Common to All Branches)	1	0	0	1	MC
21UGM231	Environmental Science (Common to All Branches)	3	0	0	P/F	MC
21UGM431	Gender Equality (Common to all)	1	0	0	P/F	MC
21UGM631	Indian Constitution (Common to all)	1	0	0	P/F	MC
21UGM731	Sports and Social Development (Common to all)	-	-	-	P/F	MC
21UGM732	Skill Development	-	-	-	P/F	MC
21UGM831	Professional Ethics and Human values (Common to all branches)	2	0	0	P/F	MC