
MIT

Academy of
Engineering

(An Autonomous Institute Affiliated to Savitribai Phule Pune University)

MIT ACADEMY OF ENGINEERING, ALANDI

**Curriculum
for Second
Year**

**Bachelor of Technology
Computer Science and
Engineering
(Data Science)**

NEP REVISION 2024 (2.0)

(With Effect from Academic Year: 2025-2026)

MIT**Academy of
Engineering**

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**COURSE STRUCTURE
(NEP REVISION 2023)****SCHOOL OF COMPUTER ENGINEERING****W. E. F****:****2025-2026****SECOND YEAR BACHELOR OF TECHNOLOGY
COMPUTER SCIENCE AND ENGINEERING
(DATA SCIENCE)****RELEASE DATE****:****01/07/2025****REVISION NO.****:****2.0 (NEP)****SEMESTER: III (COMPUTER ENGINEERING)**

COURSE			TEACHING SCHEME			EXAMINATION SCHEME AND MARKS					C R E D I T	
TYPE	CODE	NAME	Hour/Week			THEORY			PRACT			T O T A L
			TH	P	TU	IA	MSE	ESE	CA	D/P		
PCC	2304212T	Data Structures	3	-	-	30	20	50	-	-	100	3
PCC	2304214L	Programming Lab	-	4	-	-	-	-	35	40	75	2
PCC	2304217T	Fundamentals of Data Analytics	1	-	-	10	-	40	-	-	50	1
	2304217L	Fundamentals of Data Analytics	-	2	-	-	-	-	-	25	25	1
PCC	2304218T	Computer Graphics	2	-	-	15	20	40	-	-	75	2
	2304218L	Computer Graphics Lab	-	2	-	-	-	-	20	30	50	1
VSEC	2304261L	Problem Solving Using OOP (C++)	-	4	-	-	-	-	35	40	75	2
	2304262L	Problem Solving Using OOP (Java)	-	4	-	-	-	-	35	40	75	2
HSSM VEC	2301287	Universal Human Values-II	1	4	-	-	-	25	-	75	100	3
HSSM VEC	2301286	Environmental Science	2	-	-	35	-	40	-	-	75	2
OE	2301254T	Applied Mathematics	3	-	-	30	20	50	-	-	100	3
	*OE Annexure List	Open Elective Course										
	2301254L	Applied Mathematics Lab	-	2	-	-	-	-	20	30	50	1
	*OE Annexure List	Open Elective Course Lab										
ELC PRJ	2304291	Minor Project Design	-	2	-	-	-	-	20	30	50	1
TOTAL			10	20							825	22



SCHOOL OF COMPUTER ENGINEERING	W. E. F	:	2025-2026
SECOND YEAR BACHELOR OF TECHNOLOGY COMPUTER SCIENCE AND ENGINEERING (DATA SCIENCE)	RELEASE DATE	:	01/07/2025
	REVISION NO.	:	2.0 (NEP)

SEMESTER: IV (COMPUTER ENGINEERING)

COURSE			TEACHING SCHEME			EXAMINATION SCHEME AND MARKS					TOTAL	CREDIT
TYPE	CODE	NAME	Hour/Week			THEORY			PRACT			
			TH	P	TU	IA	MSE	ESE	CA	D/P		
PCC	2304219T	Descriptive Analytics	2	-	-	15	20	40	-	-	75	2
	2304219L	Descriptive Analytics Lab	-	2	-	-	-	-	20	30	50	1
PCC	2304216T	Database Management System	3	-	-	30	20	50	-	-	100	3
	2304216L	Database Management System Lab	-	2	-	-	-	-	20	30	50	1
PCC	2304220T	Theory of Computation	3	-	-	30	20	50	-	-	100	3
VSEC	2304268L	Discipline Skill Develop. Course - Core Java	-	4	-	-	-	-	35	40	75	2
	2304269L	Discipline Skill Develop. Course - Advance Java	-	4	-	-	-	-	35	40	75	2
MDM	2307231T	Engineering Informatics (Multi-Disciplinary Minor Course-I)	2	-	-	15	20	40	-	-	75	2
	2307231L	Engineering Informatics Lab	-	2	-	-	-	-	20	30	50	1
OE	2311251	Prototyping	-	4	-	-	-	-	35	40	75	2
	*OE Annexure List	Open Elective Course	2	-	-	35	-	40	-	-		
HSSM MEC	2301276	Entrepreneurship Skills	2	-	-	35	-	40	-	-	75	2
ELC PRJ	2304292	Minor Project Implementation	-	2	-	-	-	-	20	30	50	1
ELC SI	23XX296	Internship (Life And Soft Skills)	-	-	-	-	-	-	-	75	75	2
Audit	2301281	Indian Constitution	1	-	-	-	-	-	-	-	Audit	
TOTAL			17	16	-						850	22

*Two Credit Internship need to accomplish after completion of Second Year Credit Transfer in Semester V