



RCC Institute of Information Technology, Kolkata
(Autonomous from Academic Session: 2024 – 2025)

Syllabus: B. Tech. in Computer Science and Engg. (Artificial Intelligence and Machine Learning)

First Semester							
Compulsory Induction Programme (3 Weeks)							
Sl. No.	Category	Course Code	Course Name	Contact Hours			Credits
				L	T	P	
1	Basic Science	RCC-BSC-CH-101/ RCC-BSC-CH-191	Chemistry	3	1	2	5
2	Basic Science	RCC-BSC-M-101	Mathematics - I	3	1	0	4
3	Engineering Science	RCC-ESC-ME-191	Engineering Graphics and Design	0	0	4	2
4	Engineering Science	RCC-ESC-EC-101/ RCC-ESC-EC-191	Basic Electronics Engineering	2	0	2	3
5	Engineering Science	RCC-ESC-CS-101/ RCC-ESC-CS-191	Programming for Problem Solving	2	0	4	4
6	Humanities and Social Sciences	RCC-HSMC-191	English and Technical Communication	0	0	4	2
7	Audit / Mandatory	RCC-AU-181	Idea and Entrepreneurship	2	0	0	0
Total							20
Second Semester							
Sl. No.	Category	Course Code	Course Name	Contact Hours			Credits
				L	T	P	
1	Basic Science	RCC-BSC-PH-201/ RCC-BSC-PH-291	Physics	3	1	2	5
2	Basic Science	RCC-BSC-M-201	Mathematics - II	3	1	0	4
3	Engineering Science	RCC-ESC-ME-292	Workshop/ Manufacturing Practices	0	0	4	2
4	Engineering Science	RCC-ESC-EE-201/ RCC-ESC-EE-291	Basic Electrical Engineering	3	1	2	5
5	Humanities and Social Sciences	RCC-HSMC-201	UHV - II: Understanding Harmony	2	0	0	2
6	Audit / Mandatory	RCC-AU-282	NSS & Yoga	2	0	0	0
7	Audit / Mandatory	RCC-AU-283	Mental Wellness	0	0	3	0
Total							18