

Siliguri Institute of Technology
Department of Computer Science and Engineering
AY: 2020-21

SN	Course Title	Course	University Code	Program Outcomes (PO's)												PSO	
				1	2	3	4	5	6	7	8	9	10	11	12	1	2
1	Physics - I	C102	BS-PH 101 BS-PH 191	1	1.75	-	-	1	-	-	1	1.75	1	-	1	1	-
2	Mathematics - IA	C103	BS-M 101	1	1	-	-	-	-	-	-	-	-	-	1	1	-
3	Basic Electronics & Electrical Engineering.	C104	ES-EE 101 ES-EE 191	2	2	1	-	1	-	-	1	1	1	-	1	1.9	1
4	Workshop/ Manufacturing Practice	C106	ES-ME 192	-	-	-	-	-	-	-	1.8	1.8	1.8	-	-	1	-
5	Programming for Problem Solving	C109	ES-CS 201 ES-CS 291	1	1	-	-	-	-	-	-	1	-	-	1	1	1
6	Chemistry - I	C110	BS-CH 201 BS-CH 291	1	2	-	-	-	-	-	-	1.6	-	-	1	1	-
7	Mathematics - II	C111	BS-M 201	1.2	1.2	-	-	-	-	-	-	-	-	-	-	1.2	-
8	English	C101	HM-HU 201	-	-	-	-	-	-	-	-	1	2	-	1	-	-
9	Language Laboratory	C107	HM-HU 291	-	-	-	-	1	-	-	1	1	2	-	1	-	-
10	Engineering Drawing & Computer Graphics	C114	ES-ME 291	-	-	-	-	-	-	-	1	1	-	-	1	1	-
11	Economics for Engineers	C301	HSMC-301	-	-	-	-	-	-	-	2	-	1	2	-	2	-
12	Mathematics - III	C208	BSC-301	1.83	1.83	-	-	-	-	-	-	-	-	-	-	1.83	-
13	Analog & Digital Electronics	C204	ES-C 301 ES-C 391	1.67	1	1	-	-	-	-	1	-	-	-	-	1.5	-
14	Data Structure & Algorithm	C205	PCC-CS 301 PCC - CS 391	1.8	2	-	-	2	-	-	-	2	-	-	1	1	1
15	Computer Organization	C206	PCC-CS 302 PCC -CS 392	2	2.33	2.17	1.6	-	-	-	-	3	1	-	-	2	2.5
16	IT Workshop		PCC-CS 393	1	1.67	2	2	-	-	-	-	-	-	-	-	1	2
17	Discrete Mathematics	C304	PCC-CS 401	2	2	-	-	-	-	-	-	-	-	-	-	2	-
18	Design & Analysis of Algorithm	C302	PCC-CS 404 PCC CS 494	1.17	2.2	2.2	-	-	-	-	-	1	-	-	-	1.8	2.5
19	Biology	C203	BSC -401	1.33	-	-	-	-	2	3	1	-	-	-	1	1	-
20	Formal Language & Automata Theory	C210	PCC-CS 403	2	2.25	2.75	-	-	-	-	-	-	-	-	-	2.25	1
21	Computer Architecture	C211	PCC-CS 402 PCC - CS 492	1.8	2.6	2.6	1.8	2	-	-	-	1	1	-	-	1.8	2.6
22	Environmental Sciences	C212	MC 401	1.33	-	-	-	-	2	3	1	-	-	-	1	1	-
23	Software Engineering	C301	ESC 501 ESS 591	1	2	2	2	-	-	-	-	1	-	-	-	1	2
24	Compiler Design	C302	PCC-CS 501	1.6	2	2.75	-	-	-	-	-	-	-	-	-	1	1.75
25	Operating System	C303	PCC-CS 502 PCC-CS 592	1.2	2	1.4	1	-	-	-	-	-	-	-	-	1	1.5
26	Artificial Intelligence	C304	PEC-IT 501B	1.4	2	1	1	-	1	-	-	1	-	-	1	1.4	1.33

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27	Object Oriented Programming	C305	PCC-CS 503 PCC-CS 593	1.5	2	1.5	-	-	-	-	-	-	-	-	-	-	1
28	Principles of Management	C306	HSMC 501	-	-	-	-	-	-	-	2	2	2	2	-	1	-
29	Database Mgmt. System	C307	PCC-CS 601 PCC-CS 691	1.8	1.8	1.4	1	1	-	-	-	1	-	-	1	2.6	1.75
30	Computer Network	C308	PCC-CS 602 PCC-CS 692	1	1.75	1	1	-	-	-	-	-	-	-	-	1	1
31	Image Processing	C309	PEC-IT 601D	1.2	2	1.4	1	-	-	-	-	-	-	-	-	1	1.5
32	Data warehousing & Data Mining	C310	PEC-IT 602B	1	2	1.67	-	-	-	-	-	-	-	-	-	1.5	1
33	Numerical Methods	C311	OEC-IT 601A	2	2	-	-	1	-	-	1	2	2	-	1	2	1
34	Research Methodology	C312	PROJ -CS 601	1	1	2	1	-	1	-	-	1	-	-	-	1.5	1
35	Software Engineering	C401	CS 701 CS 791	1	2	2	2	-	-	-	-	1	-	-	-	1	2
36	Compiler Design	C402	CS 702	1.6	2	2.75	-	-	-	-	-	-	-	-	-	1	1.75
37	Artificial Intelligence	C403	CS 703 C CS 793 C	1.4	2	1	1	-	1	-	-	1	-	-	1	1.4	1.33
38	Data warehousing & Data Mining	C404	CS 704 C	1	2	1.67	-	-	-	-	-	-	-	-	-	1.5	1
39	Internet Technology	C405	CS 705 A CS 795A	1.5	2	1.5	-	3	1	-	2	-	-	-	-	1	2
40	Group Discussion	C406	HU781	-	-	-	-	-	-	-	-	1	1	-	-	-	-
41	Industrial Training	C407	CS 792	2	-	2	-	2.5	-	-	-	1.5	1	2	2	2	2.5
42	Project - I	C408	CS 794	3	2.4	3	3	-	-	2	1	2	-	2	2	3	2
43	Project Management	C409	HU 801B	1	2	2	-	2	1	-	-	2	-	2	1	1	1
44	Cryptography & Network Security	C410	CS 801D	1	1.75	2	1.5	-	-	-	-	-	-	-	-	1	2
45	E- Commerce	C411	CS 802E CS 892E	1	3	2	-	-	-	-	-	1	-	-	-	-	2
46	Design LAB	C412	CS 891	3	2	3	3	2	-	2	1	2	-	2	2	2	3
47	Project - II	C413	CS 892	3	2.4	3	3	2	-	2	1	2	-	2	2	3	2
48	Grand Viva	C414	CS 893	2	-	3	-	2	-	-	-	2	-	-	2	2	2
CO-PO ATTAINMENT (TARGET)				1.52	1.92	1.96	1.68	1.73	1.29	2.4	1.25	1.45	1.4	2	1.24	1.47	1.66

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				PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
1	Physics - I	C101	BS-PH 101 BS-PH 191	1	1.75	-	-	1	-	-	1	1.75	1	-	1	1	-
2	Mathematics - IA	C102	BS-M 101	0.67	0.67	-	-	-	-	-	-	-	-	-	0.67	0.67	-
3	Basic Electronics & Electrical Engineering.	C103	ES-EE 101 ES-EE 191	2	2	1	-	1	-	-	1	1	1	-	1	1.9	1
4	Workshop/ Manufacturing Practice	C104	ES-ME 192	-	-	-	-	-	-	-	1.8	1.8	1.8	-	-	1	-
5	Programming for Problem Solving	C201	ES-CS 201 ES-CS 291	1	1	-	-	-	-	-	-	1	-	-	1	1	1
6	Chemistry - I	C202	BS-CH 201 BS-CH 291	1	2	-	-	-	-	-	-	1.6	-	-	1	1	-
7	Mathematics - II	C203	BS-M 201	1.2	1.2	-	-	-	-	-	-	-	-	-	-	1.2	-
8	English	C204	HM-HU 201	-	-	-	-	-	-	-	-	1	2	-	1	-	-
9	Language Laboratory	C205	HM-HU 291	-	-	-	-	1	-	-	1	1	2	-	1	-	-
10	Engineering Drawing & Computer Graphics	C206	ES-ME 291	-	-	-	-	-	-	-	1	1	-	-	1	1	-
11	Economics for Engineers	C301	HSMC-301	-	-	-	-	-	-	-	2	-	1	2	-	2	-
12	Mathematics - III	C302	BSC-301	1.22	1.22	-	-	-	-	-	-	-	-	-	-	1.22	-
13	Analog & Digital Electronics	C303	ES-C 301 ES-C 391	1.67	1	1	-	-	-	-	1	-	-	-	-	1.5	-
14	Data Structure & Algorithm	C304	PCC-CS 301 PCC - CS 391	1.8	2	-	-	2	-	-	-	2	-	-	1	1	1
15	Computer Organization	C305	PCC-CS 302 PCC -CS 392	2	2.33	2.17	1.6	-	-	-	-	3	1	-	-	2	2.5
16	IT Workshop (PYTHON)	C306	PCC-CS 393	1	1.67	2	2	-	-	-	-	-	-	-	-	1	2
17	Discrete Mathematics	C401	PCC-CS 401	2	2	-	-	-	-	-	-	-	0	-	-	2	-
18	Design & Analysis of Algorithm	C402	PCC-CS 404 PCC CS 494	1.17	2.2	2.2	-	-	-	-	-	1	-	-	-	1.8	2.5
19	Biology	C403	BSC -401	1.33	-	-	-	-	2	3	1	-	-	-	1	1	-
20	Formal Language & Automata Theory	C404	PCC-CS 403	2	2.25	2.75	-	-	-	-	-	-	-	-	-	2.25	1
21	Computer Architecture	C405	PCC-CS 402 PCC - CS 492	1.8	2.6	2.6	1.8	2	-	-	-	1	1	-	-	1.8	2.6
22	Environmental Sciences	C406	MC 401	1.33	-	-	-	-	2	3	1	-	-	-	1	1	-
23	Software Engineering	C301	ESC 501 ESS 591	1	2	2	2	-	-	-	-	1	-	-	-	1	2
24	Compiler Design	C302	PCC-CS 501	1.6	2	2.75	-	-	-	-	-	-	-	-	-	1	1.75
25	Operating System	C303	PCC-CS 502 PCC-CS 592	1.2	2	1.4	1	-	-	-	-	-	-	-	-	1	1.5
26	Artificial Intelligence	C304	PEC-IT 501B	1.4	2	1	1	-	1	-	-	1	-	-	1	1.4	1.33

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28	Principles of Management	C306	HSMC 501	-	-	-	-	-	-	-	2	2	2	2	-	1	-
29	Database Mgmt. System	C307	PCC-CS 601 PCC-CS 691	1.8	1.8	1.4	1	1	-	-	-	1	-	-	1	2.6	1.75
30	Computer Network	C308	PCC-CS 602 PCC-CS 692	1	1.75	1	1	-	-	-	-	-	-	-	-	1	1
31	Image Processing	C309	PEC-IT 601D	1.2	2	1.4	1	-	-	-	-	-	-	-	-	1	1.5
32	Data warehousing & Data Mining	C310	PEC-IT 602B	1	2	1.67	-	-	-	-	-	-	-	-	-	1.5	1
33	Numerical Methods	C311	OEC-IT 601A	2	2	-	-	1	-	-	1	2	2	-	1	2	1
34	Research Methodology	C312	PROJ -CS 601	1	1	2	1	-	1	-	-	1	-	-	-	1.5	1
35	Software Engineering	C401	CS 701 CS 791	1	2	2	2	-	-	-	-	1	-	-	-	1	2
36	Compiler Design	C402	CS 702	1.6	2	2.75	-	-	-	-	-	-	-	-	-	1	1.75
37	Artificial Intelligence	C403	CS 703 C CS 793 C	1.4	2	1	1	-	1	-	-	1	-	-	1	1.4	1.33
38	Data warehousing & Data Mining	C404	CS 704 C	1	2	1.67	-	-	-	-	-	-	-	-	-	1.5	1
39	Internet Technology	C405	CS 705 A CS 795A	1.5	2	1.5	-	3	1	-	2	-	-	-	-	1	2
40	Group Discussion	C406	HU781	-	-	-	-	-	-	-	-	1	1	-	-	-	-
41	Industrial Training	C407	CS 792	2	-	2	-	2.5	-	-	-	1.5	1	2	2	2	2.5
42	Project - I	C408	CS 794	3	2.4	3	3	-	-	2	1	2	-	2	2	3	2
43	Project Management	C409	HU 801B	1	2	2	-	2	1	-	-	2	-	2	1	1	1
44	Cryptography & Network Security	C410	CS 801D	1	1.75	2	1.5	-	-	-	-	-	-	-	-	1	2
45	E- Commerce	C411	CS 802E CS 892E	1	3	2	-	-	-	-	-	1	-	-	-	-	2
46	Design LAB	C412	CS 891	3	2	3	3	2	-	2	1	2	-	2	2	2	3
47	Project - II	C413	CS 892	3	2.4	3	3	2	-	2	1	2	-	2	2	3	2
48	Grand Viva	C414	CS 893	2	-	3	-	2	-	-	-	2	-	-	2	2	2
CO-PO ATTAINMENT (ACHIEVE)				1.5	1.89	1.96	1.68	1.73	1.29	2.4	1.25	1.45	1.4	2	1.22	1.45	1.66

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO TARGET	1.52	1.92	1.96	1.68	1.73	1.29	2.4	1.25	1.45	1.4	2	1.24	1.47	1.66
CO ATTAINMENT	1.50	1.89	1.96	1.68	1.73	1.29	2.40	1.25	1.45	1.40	2.00	1.22	1.45	1.66

