

Siliguri Institute of Technology
Department of Computer Science and Engineering
AY: 2019-20

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	C101	BS-PH 101 BS-PH 191	1	1.75	-	-	1	-	-	1	1.75	1	-	1	1	-
2	Mathematics - IA	C102	BS-M 101	1	1	-	-	-	-	-	-	-	-	-	1	1	-
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	C105	ES-CS 201 ES-CS 291	1	1	-	-	-	-	-	-	1	-	-	1	1	1
6	Chemistry - I	C106	BS-CH 201 BS-CH 291	1	2	-	-	-	-	-	-	1.6	-	-	1	1	-
7	Mathematics - II	C107	BS-M 201	1.2	1.2	-	-	-	-	-	-	-	-	-	-	1.2	-
8	English	C108	HM-HU 201	-	-	-	-	-	-	-	-	1	2	-	1	-	-
9	Language Laboratory	C109	HM-HU 291	-	-	-	-	1	-	-	1	1	2	-	1	-	-
10	Engineering Drawing & Computer Graphics	C110	ES-ME 291	-	-	-	-	-	-	-	1	1	-	-	1	1	-
11	Economics for Engineers	C201	HSMC-301	-	-	-	-	-	-	-	2	-	1	2	-	2	-
12	Mathematics - III	C202	BSC-301	1.83	1.83	-	-	-	-	-	-	-	-	-	-	1.83	-
13	Analog & Digital Electronics	C203	ES-C 301 ES-C 391	1.67	1	1	-	-	-	-	1	-	-	-	-	1.5	-
14	Data Structure & Algorithm	C204	PCC-CS 301 PCC - CS 391	1.8	2	-	-	2	-	-	-	2	-	-	1	1	1
15	Computer Organization	C205	PCC-CS 302 PCC -CS 392	2	2.33	2.17	1.6	-	-	-	-	3	1	-	-	2	2.5
16	IT Workshop	C206	PCC-CS 393	1	1.67	2	2	-	-	-	-	-	-	-	-	1	2
17	Discrete Mathematics	C207	PCC-CS 401	2	2	-	-	-	-	-	-	-	-	-	-	2	-
18	Design & Analysis of Algorithm	C208	PCC-CS 404 PCC CS 494	1.17	2.2	2.2	-	-	-	-	-	1	-	-	-	1.8	2.5
19	Biology	C209	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	Economics for Engineers	C301	HU 501	-	-	-	-	-	-	-	2	-	1	2	-	2	-
24	Design & Analysis of Algorithm	C302	CS 501 CS -591	1.17	2.2	2.2	-	-	-	-	-	1	-	-	-	1.8	2.5
25	Microprocessor & Microcontrollers	C303	CS 502 CS 592	1	-	2	-	-	1	-	-	1	-	-	1	1	1
26	Discrete Mathematics	C304	CS 503	2	2	-	-	-	-	-	-	-	-	-	-	2	-
27	Object Oriented Programming	C305	CS 504D CS 594D	1.5	2	1.5	-	-	-	-	-	-	-	-	-	-	1

Siliguri Institute of Technology
Department of Computer Science and Engineering
AY: 2019-20

28	Programming Practice Using C++ LAB	C306	CS 593	1	2	1.33	-	-	-	-	-	1	-	-	-	-	1.67
29	Principles of Management	C307	HU 601	-	-	-	-	-	-	-	2	2	2	2	-	1	-
30	Database Mgmt. System	C308	CS 601 CS 691	1.8	1.8	1.4	1	1	-	-	-	1	-	-	1	2.6	1.75
31	Computer Network	C309	CS 602 CS 692	1	1.75	1	1	-	-	-	-	-	-	-	-	1	1
32	Operating System	C310	CS 603 CS 693	1.2	2	1.4	1	-	-	-	-	-	-	-	-	1	1.5
33	Computer Graphics	C311	CS 604B	1.2	1.6	1.8	-	-	-	-	-	-	-	-	-	1.75	1.33
34	Operation Research	C312	CS 605A	1.8	1.8	-	-	-	-	-	-	-	-	-	-	1.8	-
35	Multimedia Technology	C313	CS 605C	1	1	2	1	-	1	-	-	1	-	-	-	1.5	1
36	Seminar	C314	CS 681	1	2	3	1	1	1	1	2	1.33	2.33	-	2	1.5	2
37	Software Engineering	C401	CS 701 CS 791	1	2	2	2	-	-	-	-	1	-	-	-	1	2
38	Compiler Design	C402	CS 702	1.6	2	2.75	-	-	-	-	-	-	-	-	-	1	1.75
39	Artificial Intelligence	C403	CS 703 C CS 793 C	1.4	2	1	1	-	1	-	-	1	-	-	1	1.4	1.33
40	Data warehousing & Data Mining	C404	CS 704 C	1	2	1.67	-	-	-	-	-	-	-	-	-	1.5	1
41	Internet Technology	C405	CS 705 A CS 795A	1.5	2	1.5	-	3	1	-	2	-	-	-	-	1	2
42	Group Discussion	C406	HU781	-	-	-	-	-	-	-	-	1	1	-	-	-	-
43	Industrial Training	C407	CS 792	2	-	2	-	2.5	-	-	-	1.5	1	2	2	2	2.5
44	Project - I	C408	CS 794	3	2.4	3	3	-	-	2	1	2	-	2	2	3	2
45	Project Management	C409	HU 801B	1	2	2	-	2	1	-	-	2	-	2	1	1	1
46	Cryptography & Network Security	C410	CS 801D	1	1.75	2	1.5	-	-	-	-	-	-	-	-	1	2
47	E- Commerce	C411	CS 802E CS 892E	1	3	2	-	-	-	-	-	1	-	-	-	-	2
48	Design LAB	C412	CS 891	3	2	3	3	2	-	2	1	2	-	2	2	2	3
49	Project - II	C413	CS 892	3	2.4	3	3	2	-	2	1	2	-	2	2	3	2
50	Grand Viva	C414	CS 893	2	-	3	-	2	-	-	-	2	-	-	2	2	2
CO-PO ATTAINMENT (TARGET)				1.51	1.91	2.01	1.71	1.73	1.25	2.17	1.36	1.41	1.39	2	1.29	1.53	1.71


 Director
 Siliguri Institute of Technology

Siliguri Institute of Technology
Department of Computer Science and Engineering
AY: 2019-20

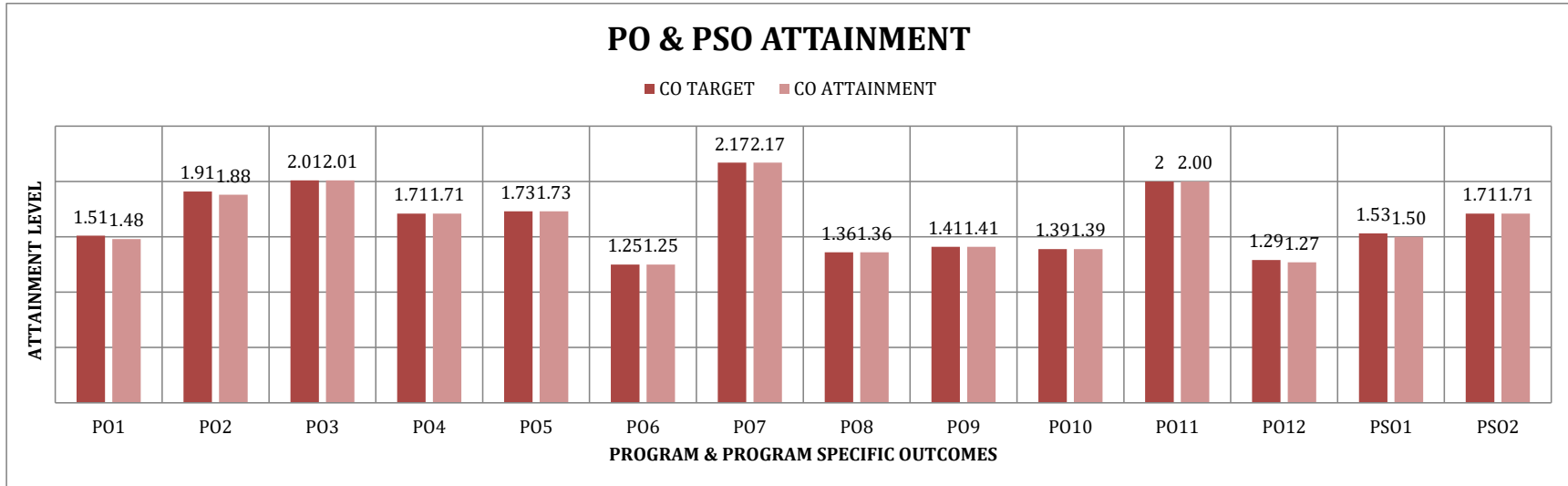
SN	Course Title	Course	University Code	Program Outcomes (PO's)												PSO	
				PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
1	Physics - I	C101	BS-PH 101 BS-PH 191	1	1.75	-	-	1	-	-	1	1.75	1	-	1	1	-
2	Mathematics - IA	C102	BS-M 101	0.67	0.67	-	-	-	-	-	-	-	-	-	0.67	0.67	-
3	Basic Electronics & 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	C105	ES-CS 201 ES-CS 291	1	1	-	-	-	-	-	-	1	-	-	1	1	1
6	Chemistry - I	C106	BS-CH 201 BS-CH 291	1	2	-	-	-	-	-	-	1.6	-	-	1	1	-
7	Mathematics - II	C107	BS-M 201	1.2	1.2	-	-	-	-	-	-	-	-	-	-	1.2	-
8	English	C108	HM-HU 201	-	-	-	-	-	-	-	-	1	2	-	1	-	-
9	Language Laboratory	C109	HM-HU 291	-	-	-	-	1	-	-	1	1	2	-	1	-	-
10	Engineering Drawing & Computer Graphics	C110	ES-ME 291	-	-	-	-	-	-	-	1	1	-	-	1	1	-
11	Economics for Engineers	C201	HSMC-301	-	-	-	-	-	-	-	2	-	1	2	-	2	-
12	Mathematics - III	C202	BSC-301	1.22	1.22	-	-	-	-	-	-	-	-	-	-	1.22	-
13	Analog & Digital Electronics	C203	ES-C 301 ES-C 391	1.67	1	1	-	-	-	-	1	-	-	-	-	1.5	-
14	Data Structure & Algorithm	C204	PCC-CS 301 PCC -CS 391	1.8	2	-	-	2	-	-	-	2	-	-	1	1	1
15	Computer Organization	C205	PCC-CS 302 PCC -CS 392	2	2.33	2.17	1.6	-	-	-	-	3	1	-	-	2	2.5
16	IT Workshop (PYTHON)	C206	PCC-CS 393	1	1.67	2	2	-	-	-	-	-	-	-	-	1	2
17	Discrete Mathematics	C207	PCC-CS 401	2	2	-	-	-	-	-	-	-	0	-	-	2	-
18	Design & Analysis of Algorithm	C208	PCC-CS 404 PCC CS 494	1.17	2.2	2.2	-	-	-	-	-	1	-	-	-	1.8	2.5
19	Biology	C209	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	Economics for Engineers	C301	HU 501	-	-	-	-	-	-	-	2	-	1	2	-	2	-
24	Design & Analysis of Algorithm	C302	CS 501 CS -591	1.17	2.2	2.2	-	-	-	-	-	1	-	-	-	1.8	2.5
25	Microprocessor & Microcontrollers	C303	CS 502 CS 592	1	-	2	-	-	1	-	-	1	-	-	1	1	1
26	Discrete Mathematics	C304	CS 503	2	2	-	-	-	-	-	-	-	0	-	-	2	-
27	Object Oriented Programming	C305	CS 504D CS 594D	1.5	2	1.5	-	-	-	-	-	-	-	-	-	-	1

Siliguri Institute of Technology
Department of Computer Science and Engineering
AY: 2019-20

28	Programming Practice Using C++ LAB	C306	CS 593	1	2	1.33	-	-	-	-	-	1	-	-	-	-	1.67
29	Principles of Management	C307	HU 601	-	-	-	-	-	-	-	2	2	2	2	-	1	-
30	Database Mgmt. System	C308	CS 601 CS 691	1.8	1.8	1.4	1	1	-	-	-	1	-	-	1	2.6	1.75
31	Computer Network	C309	CS 602 CS 692	1	1.75	1	1	-	-	-	-	-	-	-	-	1	1
32	Operating System	C310	CS 603 CS 693	1.2	2	1.4	1	-	-	-	-	-	-	-	-	1	1.5
33	Computer Graphics	C311	CS 604B	1.2	1.6	1.8	-	-	-	-	-	-	-	-	-	1.75	1.33
34	Operation Research	C312	CS 605A	1.8	1.8	-	-	-	-	-	-	-	-	-	-	1.8	-
35	Multimedia Technology	C313	CS 605C	1	1	2	1	-	1	-	-	1	-	-	-	1.5	1
36	Seminar	C314	CS 681	1	2	3	1	1	1	1	2	1.33	2.33	-	2	1.5	2
37	Software Engineering	C401	CS 701 CS 791	1	2	2	2	-	-	-	-	1	-	-	-	1	2
38	Compiler Design	C402	CS 702	1.6	2	2.75	-	-	-	-	-	-	-	-	-	1	1.75
39	Artificial Intelligence	C403	CS 703 C CS 793 C	1.4	2	1	1	-	1	-	-	1	-	-	1	1.4	1.33
40	Data warehousing & Data Mining	C404	CS 704 C	1	2	1.67	-	-	-	-	-	-	-	-	-	1.5	1
41	Internet Technology	C405	CS 705 A CS 795A	1.5	2	1.5	-	3	1	-	2	-	-	-	-	1	2
42	Group Discussion	C406	HU781	-	-	-	-	-	-	-	-	1	1	-	-	-	-
43	Industrial Training	C407	CS 792	2	-	2	-	2.5	-	-	-	1.5	1	2	2	2	2.5
44	Project - I	C408	CS 794	3	2.4	3	3	-	-	2	1	2	-	2	2	3	2
45	Project Management	C409	HU 801B	1	2	2	-	2	1	-	-	2	-	2	1	1	1
46	Cryptography & Network Security	C410	CS 801D	1	1.75	2	1.5	-	-	-	-	-	-	-	-	1	2
47	E- Commerce	C411	CS 802E CS 892E	1	3	2	-	-	-	-	-	1	-	-	-	-	2
48	Design LAB	C412	CS 891	3	2	3	3	2	-	2	1	2	-	2	2	2	3
49	Project - II	C413	CS 892	3	2.4	3	3	2	-	2	1	2	-	2	2	3	2
50	Grand Viva	C414	CS 893	2	-	3	-	2	-	-	-	2	-	-	2	2	2
CO-PO ATTAINMENT (ACHIEVE)				1.48	1.88	2.01	1.71	1.73	1.25	2.17	1.36	1.41	1.39	2	1.27	1.5	1.71


 Director
 Siliguri Institute of Technology

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO TARGET	1.51	1.91	2.01	1.71	1.73	1.25	2.17	1.36	1.41	1.39	2	1.29	1.53	1.71
CO ATTAINMENT	1.48	1.88	2.01	1.71	1.73	1.25	2.17	1.36	1.41	1.39	2.00	1.27	1.50	1.71




 Director
 Siliguri Institute of Technology

Siliguri Institute of Technology
Department of Electronics and Communication Engineering
AY: 2019-20

SN	Course Title	Course Code	University Code	Program Outcomes (PO's)												PSO	
				1	2	3	4	5	6	7	8	9	10	11	12	1	2
1	Chemistry -I	EC101	BS-CH101	-	-	-	-	-	-	-	-	3	3	-	3	-	-
2	Mathematics -IB	EC102	BS-M102	3	3	-	-	-	-	-	-	3	-	-	3	3	-
3	Basic Electrical Engineering	EC103	ES-EE101	2	2	-	-	-	-	-	-	-	-	-	2	2	-
4	Chemistry _I Laboratory	EC104	BS-CH191	2	2	-	-	2	-	-	2	2	2	-	2	2	2
5	Basic Electrical Engineering Laboratory	EC105	ES-EE191	2	2	-	-	-	-	-	-	-	-	-	2	2	-
6	Engineering Graphics & Design	EC106	ES-ME191	3	3	-	-	-	-	-	3	3	3	-	3	3	-
7	Physics -I	EC201	BS-PH201	-	-	-	-	3	-	-	3	3	3	-	3	-	-
8	Mathematics -IIB	EC202	BS-M202	-	-	-	-	-	3	3	3	3	-	-	3	-	-
9	Programming for Problem Solving	EC203	ES-CS201	3	3	-	-	-	-	-	-	3	-	-	-	-	3
10	English	EC204	HM-HU201	3	3	-	-	-	-	-	3	3	3	-	3	3	-
11	Physics -I Laboratory	EC205	BS-PH291	1	1	-	-	-	-	-	-	-	-	-	1	1	-
12	Programming for Problem Solving Laboratory	EC206	ES-CS291	3	3	-	-	3	-	-	3	3	3	-	3	3	3
13	Workshop/Manufacturing Practices	EC207	ES-ME292	2	2	-	-	-	-	-	-	-	-	-	2	2	-
14	Language Laboratory	EC208	HM-HU291	3	-	-	-	-	-	-	3	3	3	-	3	3	-
15	Probability and Statistics	EC301	BSM301	1	1	-	-	-	-	-	-	-	-	-	1	1	-
16	Electronic Devices	EC302	EC 301,	1.4	1.8	0	0	0	0	0	0	2	0	0	0	1	1
17	Digital System Design	EC303	EC302	2	1.2	3	1	2				2	1			1.3	1.3
18	Signals & Syatems	EC304	EC 303	2	2	-	-	-	-	-	-	-	-	-	-	2	
19	Network Theory	EC305	EC 304	2	2	0	0	2	0	0	1	1	2	0	0	2	2
20	Data Structure & Algorithms	EC306	ES-CS301	2	1	1	0	0	0	0	0	1	0	0	1	0	1
21	Numerical Methods (BS)	EC401	BS M401	2	2	-	-	1	-	-	1	2	2	-	1	2	1
22	Analog Communication	EC402	EC 401	2	2	0	0	0	0	0	0	2	0	0	0	2	1.8
23	Analog Electronics	EC403	EC 402	1	2	0	0	0	0	0	0	2	0	0	0	1	1
24	Microprocessor & Microcontroller	EC404	EC 403	1	-	2	-	-	1	-	-	1	-	-	1	1	1
25	Design and Analysis of Algorithm	EC405	ES CS 401	1	2	2	-	-	-	-	-	1	-	-	-	2	2
26	Analog Communication	EC501	EC501	2	2											2	2
27	Microprocessor & Microcontroller	EC502	EC502	2	1.5	2.25	1	1.5	-	-	-	2	1	-	1	1.5	2
28	CONTROL SYSTEMS	EC503	EC 503	3	2.25	1		2								3	2
29	Data Structure & C	EC504	EC 504B	1	1							1	1	1	2	1	1.66

Siliguri Institute of Technology
Department of Electronics and Communication Engineering
AY: 2019-20

30	Economics for Engineers	EC505	HU501	0	2	2	2	2	2	3	3	2	2	3	2	0	0
31	Digital Communication	EC601	EC 601	2	2	1.5	1	1								2	2
32	Digital Signal Processing	EC602	EC 602	2	2	-	-	-	-	-	-	2	-	-	-	2	2
33	Telecommunication System	EC603	EC 603	0.9	0.9	0	0	0	0	1.5	0	0	0	0	0	0.9	0
34	Information Theory & Coding	EC604	EC 604B	2	2	-	-	-	-	-	-	-	-	-	1	2	-
35	Wireless Communication and Networks	EC701	EC 701	1.6	1.8	0	0	1	0	0	0	0	0	0	1	1.25	0
36	Microelectronics and VLSI Design	EC702	EC 702	1.2	1.5	0	2.5	0	0	0	0	2	0	0	0	1.4	2
37	RF & Microwave Engg	EC703	EC 703A	3	2	1	-	-	-	-	-	-	-	1	-	2	2
38	Embedded Systems	EC704	EC 704B.5	1.3	1.3	1.5	0	1.7	0	0	0	1	0	0	0	1.3	1.8
39	Database Management System	EC705	EC 705C	1	1	1	1	3	2	2	-	2	-	2	2	1	3
40	Power Electronics	EC706	EC 705D	1	2	1.6	3	2.5	1.5	2		2		1.5	2	2	2.6
41	Group Discussion	EC707	HU 781								1	2	3	1	1		
42	Project part I	EC708	EC782	3	2.4	3	3	3	2	1.8	1	2	0	2	2	3	2
43	Digital Image Processing	EC801	EC 801B	1	1	0	1	1	0	0	0	0	0	0	0	1	1
44	Material Science & Engineering	EC802	EC801B	1.75	2	2.33	3									1.5	1.5
45	Renewable Energy	EC803	EC 802C	2	2	-	1	-	1	2	-	-	-	-	2	1	-
46	Design Lab	EC804	EC 881	3	3	2	1.7	2.7	1.7	0	1.7	0	1.7	0	1.7	2.7	1.7
47	Organizational Behaviour:	EC805	HU801	-	-	-	-	-		-	-	2	2	2	-	-	-
48	Project Part II	EC806	EC882	3	2.4	3	3	3	2	1.5	1	2	0	2	2	3	2
CO-PO ATTAINMENT (TARGET)				1.96	1.93	1.89	1.86	2.08	1.8	2.1	2.12	2.1	2.23	1.72	1.96	1.87	1.83


 Director
 Siliguri Institute of Technology

Siliguri Institute of Technology
Department of Electronics and Communication Engineering
AY: 2019-20

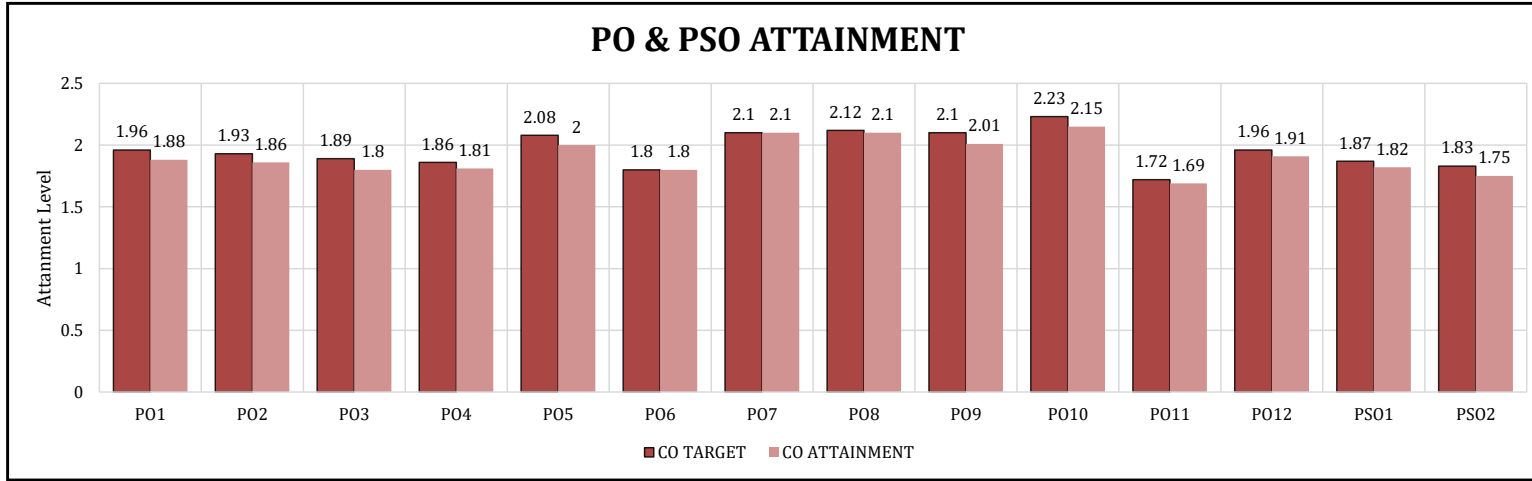
SN	Course Title	Course	University	Program Outcomes (PO's)												PSO	
		Code	Code	1	2	3	4	5	6	7	8	9	10	11	12	1	2
1	Chemistry -I	EC101	BS-CH101	-	-	-	-	-	-	-	-	3	3	-	3	-	-
2	Mathematics -IB	EC102	BS-M102	3	3	-	-	-	-	-	-	3	-	-	3	3	-
3	Basic Electrical Engineering	EC103	ES-EE101	2	2	-	-	-	-	-	-	-	-	-	2	2	-
4	Chemistry _I Laboratory	EC104	BS-CH191	2	2	-	-	2	-	-	2	2	2	-	2	2	2
5	Basic Electrical Engineering Laboratory	EC105	ES-EE191	2	2	-	-	-	-	-	-	-	-	-	2	2	-
6	Engineering Graphics & Design	EC106	ES-ME191	3	3	-	-	-	-	-	3	3	3	-	3	3	-
7	Physics -I	EC201	BS-PH201	-	-	-	-	3	-	-	3	3	3	-	3	-	-
8	Mathematics -IIB	EC202	BS-M202	-	-	-	-	-	3	3	3	3	-	-	3	-	-
9	Programming for Problem Solving	EC203	ES-CS201	3	3	-	-	-	-	-	-	3	-	-	-	-	3
10	English	EC204	HM-HU201	3	3	-	-	-	-	-	3	3	3	-	3	3	-
11	Physics -I Laboratory	EC205	BS-PH291	1	1	-	-	-	-	-	-	-	-	-	1	1	-
12	Programming for Problem Solving Laboratory	EC206	ES-CS291	3	3	-	-	3	-	-	3	3	3	-	3	3	3
13	Workshop/Manufacturing Practices	EC207	ES-ME292	2	2	-	-	-	-	-	-	-	-	-	2	2	-
14	Language Laboratory	EC208	HM-HU291	3	-	0	-	-	-	-	3	3	3	-	3	3	-
15	Probability and Statistics	EC301	BSM301	1	1	-	-	-	-	-	-	-	-	-	1	1	-
16	Electronic Devices	EC302	EC 301,	0.93	1.2	0	0	0	0	0	0	1.33	0	0	0	0.67	0.67
17	Digital System Design	EC303	EC302	1.33	0.8	2	0.67	1.33	0	0	0	1.33	0.67	0	0	0.87	0.87
18	Signals & Syatems	EC304	EC 303	2	2	-	-	-	-	-	-	-	-	-	-	2	0
19	Network Theory	EC305	EC 304	2	2	0	0	2	0	0	1	1	2	0	0	2	2
20	Data Structure & Algorithms	EC306	ES-CS301	1.33	0.67	0.67	0	0	0	0	0	0.67	0	0	0.67	0	0.67
21	Numerical Methods (BS)	EC401	BS M401	1.33	1.33	-	-	0.67	-	-	0.67	1.33	1.33	-	0.67	1.33	0.67
22	Analog Communication	EC402	EC 401	2	2	0	0	0	0	0	0	2	0	0	0	2	1.8
23	Analog Electronics	EC403	EC 402	1	2	0	0	0	0	0	0	2	0	0	0	1	1
24	Microprocessor & Microcontroller	EC404	EC 403	1	-	2	-	-	1	-	-	1	-	-	1	1	1
25	Design and Analysis of Algorithm	EC405	ES CS 401	1	2	2	-	-	-	-	-	1	-	-	-	2	2
26	Analog Communication	EC501	EC501	2	2	0	0	0	0	0					2	2	
27	Microprocessor & Microcontroller	EC502	EC502	2	1.5	2.25	1	1.5	-	-	-	2	1	-	1	1.5	2
28	CONTROL SYSTEMS	EC503	EC 503	3	2.25	1	0	2	0	0	0	0	0	0	0	3	2

Siliguri Institute of Technology
Department of Electronics and Communication Engineering
AY: 2019-20

29	Data Structure & C	EC504	EC 504B	0.67	0.67	0	0	0	0	0	0	0.67	0.67	0.67	1.33	0.67	1.11
30	Economics for Engineers	EC505	HU501	0	2	2	2	2	2	3	3	2	2	3	2	0	0
31	Digital Communication	EC601	EC 601	2	2	1.5	1	1	0	0	0	0	0	0	0	2	2
32	Digital Signal Processing	EC602	EC 602	2	2	-	-	-	-	-	-	2	-	-	-	2	2
33	Telecommunication System	EC603	EC 603	0.9	0.9	0	0	0	0	1.5	0	0	0	0	0	0.9	0
34	Information Theory & Coding	EC604	EC 604B	2	2	-	-	-	-	-	-	-	-	-	1	2	-
35	Wireless Communication and Networks	EC701	EC 701	1.6	1.8	0	0	1	0	0	0	0	0	0	1	1.25	0
36	Microelectronics and VLSI Design	EC702	EC 702	1.2	1.5	0	2.5	0	0	0	0	2	0	0	0	1.4	2
37	RF & Microwave Engg	EC703	EC 703A	3	2	1	-	-	-	-	-	-	-	1	-	2	2
38	Embedded Systems	EC704	EC 704B.5	1.3	1.3	1.5	0	1.7	0	0	0	1	0	0	0	1.3	1.8
39	Database Management System	EC705	EC 705C	1	1	1	1	3	2	2	-	2	-	2	2	1	3
40	Power Electronics	EC706	EC 705D	1	2	1.6	3	2.5	1.5	2	0	2	0	1.5	2	2	2.6
41	Group Discussion	EC707	HU 781	0	0	0	0	0	0	0	1	2	3	1	1	0	0
42	Project part I	EC708	EC782	3	2.4	3	3	3	2	1.8	1	2	0	2	2	3	2
43	Digital Image Processing	EC801	EC 801B	0.67	0.67	0	0.67	0.67	0	0	0	0	0	0	0	0.67	0.67
44	Material Science & Engineering	EC802	EC801B	1.75	2	2.33	3	0	0	0	0	0	0	0	0	1.5	1.5
45	Renewable Energy	EC803	EC 802C	2	2	-	1	-	1	2	-	-	-	-	2	1	-
46	Design Lab	EC804	EC 881	3	3	2	1.7	2.7	1.7	0	1.7	0	1.7	0	1.7	2.7	1.7
47	Organizational Behaviour:	EC805	HU801	-	-	-	-	-	0	-	-	2	2	2	-	-	-
48	Project Part II	EC806	EC882	3	2.4	3	3	3	2	1.5	1	2	0	2	2	3	2
CO-PO ATTAINMENT (TARGET)				1.88	1.86	1.8	1.81	2	1.8	2.1	2.1	2.01	2.15	1.69	1.91	1.82	1.75


 Director
 Siliguri Institute of Technology

ELECTRONICS & COMMUNICATION ENGINEERING	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO TARGET	1.96	1.93	1.89	1.86	2.08	1.8	2.1	2.12	2.1	2.23	1.72	1.96	1.87	1.83
CO ATTAINMENT	1.88	1.86	1.8	1.81	2	1.8	2.1	2.1	2.01	2.15	1.69	1.91	1.82	1.75




 Director
 Siliguri Institute of Technology

Siliguri Institute of Technology

Department of Electrical Engineering

AY: 2019-20

SN	Code	Course	PROGRAM OUTCOMES (PO)												PSO		
			PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	
1	BS-CH101	CHEMISTRY-I	-	-	-	-	-	-	-	-	-	3	3	-	3	-	-
2	BS-M102	MATHEMATICS -IB	3	3	-	-	-	-	-	-	-	3	-	-	3	3	-
3	ES-EE101	BASIC ELECTRICAL ENGINEERING	2	2	-	-	-	-	-	-	-	-	-	-	2	2	-
4	BS-CH191	CHEMISTRY-I LABORATORY	2	2	-	-	2	-	-	2	2	2	-	2	2	2	2
5	ES-EE191	BASIC ELECTRICAL ENGINEERING LABORATORY	2	2	-	-	-	-	-	-	-	-	-	-	2	2	-
6	ES-ME191	ENGINEERING GRAPHICS & DESIGN	3	3	-	-	-	-	-	3	3	3	-	3	3	3	-
7	BS-PH201	PHYSICS-I	-	-	-	-	3	-	-	3	3	3	-	3	-	-	-
8	BS-M202	MATHEMATICS -IIB	-	-	-	-	-	3	3	3	3	-	-	3	-	-	-
9	ES-CS201	PROGRAMMING FOR PROBLEM SOLVING	3	3	-	-	-	-	-	-	3	-	-	-	-	-	3
10	HM-HU201	ENGLISH	3	3	-	-	-	-	-	3	3	3	-	3	3	3	-
11	BS-PH291	PHYSICS-I LABORATORY	1	1	-	-	-	-	-	-	-	-	-	1	1	1	-
12	ES-CS291	PROGRAMMING FOR PROBLEM SOLVING	3	3	-	-	3	-	-	3	3	3	-	3	3	3	3
13	ES-ME292	WORKSHOP/MANUFACTURING PRACTICES	2	2	-	-	-	-	-	-	-	-	-	2	2	2	-
14	HM-HU291	LANGUAGE LABORATORY	3	-	-	-	-	-	-	3	3	3	-	3	3	3	-
15	PC-EE 301	ELECTRIC CIRCUIT THEORY	2	3	1	2	1	-	-	-	1	1	-	2	2	2	1
16	PC-EE 302	ANALOG ELECTRONICS	2	2	-	-	-	-	-	-	2	-	-	-	2	2	2
17	PC-EE 303	ELECTROMAGNETIC FIELD THEORY	2	2	-	1	-	-	-	-	-	-	-	1	1	1	-
18	ES-ME 301	ENGINEERING MECHANICS	1	2	-	-	-	-	-	-	-	-	-	2	1	1	-
19	BS-M 301	MATHEMATICS-III	2	2	-	-	-	-	-	-	1	-	-	1	1	1	1
20	BS-EE301	BIOLOGY FOR ENGINEERS	2	2	3	1	2	-	-	1	3	2	-	-	-	-	-
21	MC-EE 301	INDIAN CONSTITUTION	-	-	-	-	-	2	1	2	-	-	-	-	-	-	-
22	PC-EE 391	ELECTRIC CIRCUIT THEORY LABORATORY	2	3	1	2	1	-	-	-	1	1	-	2	2	2	1
23	PC-EE 392	ANALOG ELECTRONICS LABORATORY	2	2	-	-	-	-	-	-	2	-	-	-	2	2	2
24	PC-CS 391	NUMERICAL METHODS LABORATORY	2	2	-	-	1	-	-	2	2	2	-	2	2	2	1
25	PC-EE 401	ELECTRIC MACHINE-I	3	2	-	-	2	-	-	1	2	2	-	2	2	2	2
26	PC-EE 402	DIGITAL ELECTRONIC	3	3	2	3	2	-	-	-	-	-	-	3	2	2	2
27	PC-EE 403	ELECTRICAL AND ELECTRONICS MEASUREMENT	3	2	-	2	2	1	-	-	-	-	-	2	1	1	1

Siliguri Institute of Technology

Department of Electrical Engineering

AY: 2019-20

28	ES-EE 401	THERMAL POWER ENGINEERING	2	2	1	-	-	-	-	1	1	1	-	1	1	1
29	HM-EE401	VALUES AND ETHICS IN PROFESSION	-	-	-	-	-	2	2	3	2	2	-	2	-	-
30	MC- EE401	ENVIRONMENTAL SCIENCE	-	2	1	-	-	1	-	-	-	-	-	2	-	-
31	HU-501	ECONOMICS FOR ENGINEERS	-	-	-	-	-	-	-	2	-	1	2	-	-	-
32	EE-501	ELECTRIC MACHINE-II	3	2	1	1	2	1	1	2	2	2	-	2	2	2
33	EE-502	POWER SYSTEM-I	2	2	2	-	2	-	-	2	2	2	-	2	2	2
34	EE-503	CONTROL SYSTEM-I	2	2	1	1	2	1			1	1	-	2	2	1
35	EE-504 A.	DATA STRUCTURE & ALGORITHM	2	2	-	-	2	-	-	-	2	-	-	1	1	1
36	EE-504 C	MICRO PROCESSOR & MICRO CONTROLLER	2	2	-	-	-	-	-	-	2	-	-	-	1	2
37	EE-591	ELECTRIC MACHINE-II	3	2	1	1	2	1	1	2	2	2	-	2	2	2
38	EE-592	POWER SYSTEM-I	2	2	2	-	2	-	-	2	2	2	-	2	2	2
39	EE-593	CONTROL SYSTEM-I	2	2	1	1	2	1			1	1	-	2	2	1
40	EE-581	SEMINAR	3	1	-	2	3	2	2	2	2	3	-	3	2	1
41	HU-601	PRINCIPLE OF MANAGEMENT	-	1	-	2	-	-	1	1	-	1	2	2	-	-
42	EE-601	CONTROL SYSTEM-II	3	3	-	3	3	3	-	-	3	3	-	3	3	3
43	EE-602	POWER SYSTEM-II	3	2	-	-	2	-	-	2	2	2	-	2	-	-
44	EE-603	POWER ELECTRONICS	2	2	2	2	2	-	-	2	2	2	-	2	2	2
45	EE-604A	A. SOFTWARE ENGINEERING	2	1	1	-	-	-	-	-	-	-	-	-	1	-
46	EE-604C	C. OBJECT ORIENTED PROGRAMMING	2	1	1	-	-	-	-	-	-	-	-	-	-	-
47	EE-605A	A. DIGITAL SIGNAL PROCESSING	3	2	-	-	1	-	-	-	-	-	-	1	-	-
48	EE-605B	B. COMMUNICATION ENGINEERING	3	1	-	-	-	-	-	-	1	-	1	1	1	-
49	EE-701	ELECTRIC DRIVE	3	-	-	-	-	-	-	1	-	-	-	1	1	-
50	EE-702	UTILIZATION OF ELECTRIC POWER	3	1	-	-	-	-	-	-	-	-	-	2	-	-
51	EE-703A	A. POWER SYSTEM-III	3	2	-	2	-	-	-	-	-	-	-	2	2	-
52	EE-704D	D. RENEWABLE & NON CONVENTIONAL ENERGY	3	1	-	-	-	-	3	-	-	-	-	1	-	-
53	EE-705A	A.COMPUTER NETWORK	1	3	2	-	-	-	-	-	-	-	-	-	-	-
54	EE-781	SEMINAR ON INDUSTRIAL TRAINING	3	-	-	-	1	1	1	1	3	2	-	3	1	1
55	EE-782	ELECTRICAL SYSTEM DESIGN-I	3	3	2	1	3	1	1	2	2	2	-	3	2	2
56	EE-783	PROJECT-I	3	3	3	3	3	2	2	3	3	3	3	3	3	1

Siliguri Institute of Technology

Department of Electrical Engineering

AY: 2019-20

57	HU-801	ORGANIZATIONAL BEHAVIOUR	-	-	1	-	-	2	1	-	1	-	1	1	-	-
58	EE-801A	A. HVDC TRANSMISSION	3	3	-	-	-	-	1	-	-	-	-	2	2	-
59	EE-801C	C. ENERGY MANAGEMENT & AUDIT	2	2	2	-	2	-	-	2	2	2	-	2	2	2
60	EE-802B	B. SENSORS & TRANSDUCERS	3	-	-	-	-	-	-	-	-	-	-	2	1	-
61	EE-881	PROJECT	3	3	3	3	3	2	2	3	3	3	3	3	3	1
62	EE-882	ELECTRICAL SYSTEM LAB-II	3	3	2	1	2	1	1	2	2	2	-	3	2	2
63	EE-883	GRAND VIVA	3	2	-	2	-	2	2	3	1	3	1	3	1	-
CO TARGET			2.44	2.11	1.63	1.73	2.06	1.63	1.56	2.14	2.11	2.12	1.86	2.14	1.88	1.68


Director
Siliguri Institute of Technology

Siliguri Institute of Technology

Department of Electrical Engineering

AY: 2019-20

SN	Code	Course	PROGRAM OUTCOMES (PO)												PSO	
			PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
1	BS-CH101	CHEMISTRY-I	-	-	-	-	-	-	-	-	2	2	-	2	-	-
2	BS-M102	MATHEMATICS -IB	1	1	-	-	-	-	-	-	1	-	-	1	1	-
3	ES-EE101	BASIC ELECTRICAL ENGINEERING	1	1	-	-	-	-	-	-	-	-	-	1	1	-
4	BS-CH191	CHEMISTRY-I LABORATORY	1	1	-	-	1	-	-	1	1	1	-	1	1	1
5	ES-EE191	BASIC ELECTRICAL ENGINEERING LABORATORY	1	1	-	-	-	-	-	-	-	-	-	1	1	-
6	ES-ME191	ENGINEERING GRAPHICS & DESIGN	2	2	-	-	-	-	-	2	2	2	-	2	2	-
7	BS-PH201	PHYSICS-I	-	-	-	-	3	-	-	3	3	3	-	3	-	-
8	BS-M202	MATHEMATICS -IIB	-	-	-	-	-	3	3	3	3	-	-	3	-	-
9	ES-CS201	PROGRAMMING FOR PROBLEM SOLVING	3	3	-	-	-	-	-	-	3	-	-	-	-	3
10	HM-HU201	ENGLISH	3	3	-	-	-	-	-	3	3	3	-	3	3	-
11	BS-PH291	PHYSICS-I LABORATORY	1	1	-	-	-	-	-	-	-	-	-	1	1	-
12	ES-CS291	PROGRAMMING FOR PROBLEM SOLVING	3	3	-	-	3	-	-	3	3	3	-	3	3	3
13	ES-ME292	WORKSHOP/MANUFACTURING PRACTICES	2	2	-	-	-	-	-	-	-	-	-	2	2	-
14	HM-HU291	LANGUAGE LABORATORY	3	-	-	-	-	-	-	3	3	3	-	3	3	-
15	PC-EE 301	ELECTRIC CIRCUIT THEORY	1	2	1	1	1	-	-	-	1	1	-	1	1	1
16	PC-EE 302	ANALOG ELECTRONICS	2	2	-	-	-	-	-	-	2	-	-	-	2	2
17	PC-EE 303	ELECTROMAGNETIC FIELD THEORY	1	1	-	0	-	-	-	-	-	-	-	0	0	-
18	ES-ME 301	ENGINEERING MECHANICS	0	1	-	-	-	-	-	-	-	-	-	1	0	-
19	BS-M 301	MATHEMATICS-III	1	1	-	-	-	-	-	-	0	-	-	0	0	0
20	BS-EE301	BIOLOGY FOR ENGINEERS	1	1	1	0	1	-	-	0	1	1	-	-	-	-
21	MC-EE 301	INDIAN CONSTITUTION	-	-	-	-	-	1	0	1	-	-	-	-	-	-
22	PC-EE 391	ELECTRIC CIRCUIT THEORY LABORATORY	1	2	1	1	1	-	-	-	1	1	-	1	1	1
23	PC-EE 392	ANALOG ELECTRONICS LABORATORY	2	2	-	-	-	-	-	-	2	-	-	-	2	2
24	PC-CS 391	NUMERICAL METHODS LABORATORY	2	2	-	-	1	-	-	2	2	2	-	2	2	1
25	PC-EE 401	ELECTRIC MACHINE-I	3	2	-	-	2	-	-	1	2	2	-	2	2	2
26	PC-EE 402	DIGITAL ELECTRONIC	3	3	2	3	2	-	-	-	-	-	-	3	2	2
27	PC-EE 403	ELECTRICAL AND ELECTRONICS MEASUREMENT	3	2	-	2	2	1	-	-	-	-	-	2	1	1

Siliguri Institute of Technology

Department of Electrical Engineering

AY: 2019-20

28	ES-EE 401	THERMAL POWER ENGINEERING	2	2	1	-	-	-	-	1	1	1	-	1	1	1
29	HM-EE401	VALUES AND ETHICS IN PROFESSION	-	-	-	-	-	2	2	3	2	2	-	2	-	-
30	MC- EE401	ENVIRONMENTAL SCIENCE	-	2	1	-	-	1	-	-	-	-	-	2	-	-
31	HU-501	ECONOMICS FOR ENGINEERS	-	-	-	-	-	-	-	1	-	1	1	-	-	-
32	EE-501	ELECTRIC MACHINE-II	2	1	1	1	1	1	1	1	1	1	-	1	1	1
33	EE-502	POWER SYSTEM-I	1	1	1	-	1	-	-	1	1	1	-	1	1	1
34	EE-503	CONTROL SYSTEM-I	1	1	1	1	1	1	0	0	1	1	-	1	1	1
35	EE-504 A.	DATA STRUCTURE & ALGORITHM	2	2	-	-	2	-	-	-	2	-	-	1	1	1
36	EE-504 C	MICRO PROCESSOR & MICRO CONTROLLER	2	2	-	-	-	-	-	-	2	-	-	-	1	2
37	EE-591	ELECTRIC MACHINE-II	2	1	1	1	1	1	1	1	1	1	-	1	1	1
38	EE-592	POWER SYSTEM-I	1	1	1	-	1	-	-	1	1	1	-	1	1	1
39	EE-593	CONTROL SYSTEM-I	1	1	1	1	1	1	0	0	1	1	-	1	1	1
40	EE-581	SEMINAR	3	1	-	2	3	2	2	2	2	3	-	3	2	1
41	HU-601	PRINCIPLE OF MANAGEMENT	-	1	-	2	-	-	1	1	-	1	2	2	-	-
42	EE-601	CONTROL SYSTEM-II	3	3	-	3	3	3	-	-	3	3	-	3	3	3
43	EE-602	POWER SYSTEM-II	3	2	-	-	2	-	-	2	2	2	-	2	-	-
44	EE-603	POWER ELECTRONICS	2	2	2	2	2	-	-	2	2	2	-	2	2	2
45	EE-604A	A. SOFTWARE ENGINEERING	2	1	1	-	-	-	-	-	-	-	-	-	1	-
46	EE-604C	C. OBJECT ORIENTED PROGRAMMING	2	1	1	-	-	-	-	-	-	-	-	-	-	-
47	EE-605A	A. DIGITAL SIGNAL PROCESSING	3	2	-	-	1	-	-	-	-	-	-	1	-	-
48	EE-605B	B. COMMUNICATION ENGINEERING	3	1	-	-	-	-	-	-	1	-	1	1	1	-
49	EE-701	ELECTRIC DRIVE	3	-	-	-	-	-	-	1	-	-	-	1	1	-
50	EE-702	UTILIZATION OF ELECTRIC POWER	3	1	-	-	-	-	-	-	-	-	-	2	-	-
51	EE-703A	A. POWER SYSTEM-III	3	2	-	2	-	-	-	-	-	-	-	2	2	-
52	EE-704D	D. RENEWABLE & NON CONVENTIONAL ENERGY	3	1	-	-	-	-	3	-	-	-	-	1	-	-
53	EE-705A	A.COMPUTER NETWORK	1	3	2	-	-	-	-	-	-	-	-	-	-	-
54	EE-781	SEMINAR ON INDUSTRIAL TRAINING	3	-	-	-	1	1	1	1	3	2	-	3	1	1
55	EE-782	ELECTRICAL SYSTEM DESIGN-I	3	3	2	1	3	1	1	2	2	2	-	3	2	2
56	EE-783	PROJECT-I	3	3	3	3	3	2	2	3	3	3	3	3	3	1

Siliguri Institute of Technology

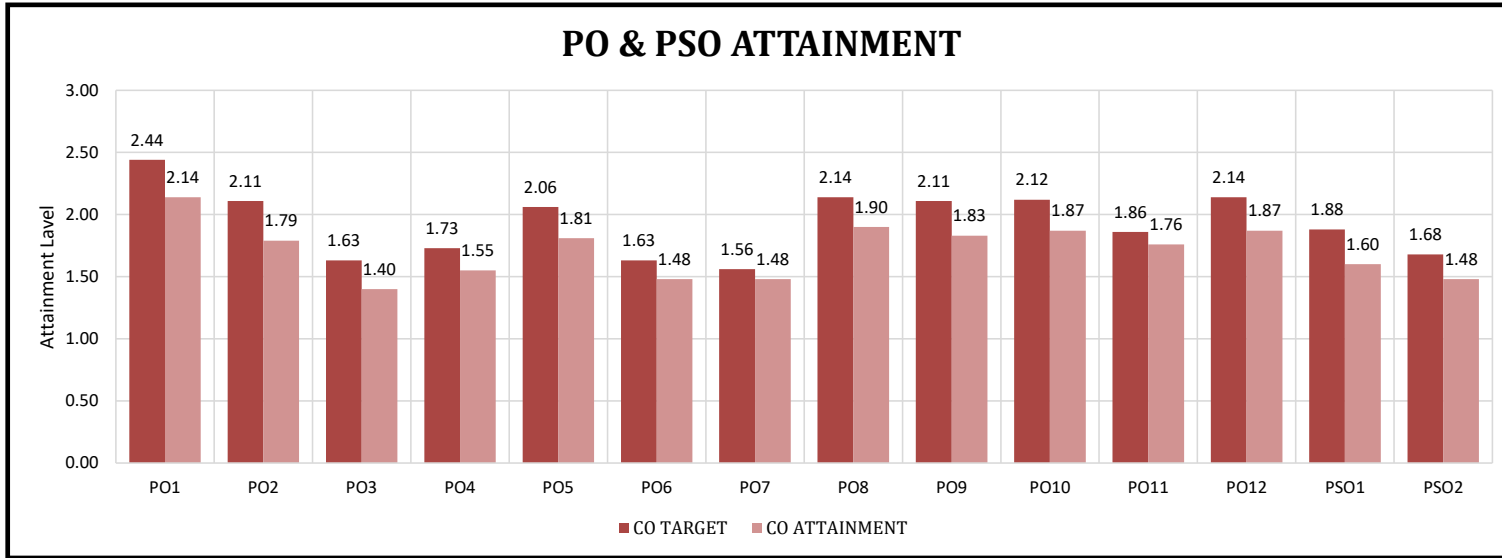
Department of Electrical Engineering

AY: 2019-20

57	HU-801	ORGANIZATIONAL BEHAVIOUR	-	-	1	-	-	2	1	-	1	-	1	1	-	-
58	EE-801A	A. HVDC TRANSMISSION	3	3	-	-	-	-	1	-	-	-	-	2	2	-
59	EE-801C	C. ENERGY MANAGEMENT & AUDIT	2	2	2	-	2	-	-	2	2	2	-	2	2	2
60	EE-802B	B. SENSORS & TRANSDUCERS	3	-	-	-	-	-	-	-	-	-	-	2	1	-
61	EE-881	PROJECT	3	3	3	3	3	2	2	3	3	3	3	3	3	1
62	EE-882	ELECTRICAL SYSTEM LAB-II	3	3	2	1	2	1	1	2	2	2	-	3	2	2
63	EE-883	GRAND VIVA	3	2	-	2	-	2	2	3	1	3	1	3	1	-
CO ATTAINMENT			2.14	1.79	1.40	1.55	1.81	1.48	1.48	1.90	1.83	1.87	1.76	1.87	1.60	1.48


Director
Siliguri Institute of Technology

ELECTRICAL ENGINEERING	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO TARGET	2.44	2.11	1.63	1.73	2.06	1.63	1.56	2.14	2.11	2.12	1.86	2.14	1.88	1.68
CO ATTAINMENT	2.14	1.79	1.40	1.55	1.81	1.48	1.48	1.90	1.83	1.87	1.76	1.87	1.60	1.48




 Director
 Siliguri Institute of Technology

Siliguri Institute of Technology

Department of Information Technology

AY: 2019-20

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	C101	BS-PH 101 BS-PH 191	1	1.75	-	-	1	-	-	1	1.75	1	-	1	1	-
2	Mathematics - IA	C102	BS-M 101	1	1	-	-	-	-	-	-	-	-	-	1	1	-
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	C105	ES-CS 201 ES-CS 291	1	1	-	-	-	-	-	-	1	-	-	1	1	1
6	Chemistry - I	C106	BS-CH 201 BS-CH 291	1	2	-	-	-	-	-	-	1.6	-	-	1	1	-
7	Mathematics - II	C107	BS-M 201	1.2	1.2	-	-	-	-	-	-	-	-	-	-	1.2	-
8	English	C108	HM-HU 201	-	-	-	-	-	-	-	-	1	2	-	1	-	-
9	Language Laboratory	C109	HM-HU 291	-	-	-	-	1	-	-	1	1	2	-	1	-	-
10	Engineering Drawing & Computer Graphics	C110	ES-ME 291	-	-	-	-	-	-	-	1	1	-	-	1	1	-
11	Economics for Engineers	C201	HSMC-301	-	-	-	-	-	-	-	2	-	1	2	-	2	-
12	Mathematics - III	C202	BSC-301	1.83	1.83	-	-	-	-	-	-	-	-	-	-	1.83	-
13	Analog & Digital Electronics	C203	ES-C 301 ES-C 391	1.67	1	1	-	-	-	-	1	-	-	-	-	1.5	-
14	Data Structure & Algorithm	C204	PCC-CS 301 PCC -CS 391	1.8	2	-	-	2	-	-	-	2	-	-	1	1	1
15	Computer Organization	C205	PCC-CS 302 PCC -CS 392	2	2.33	2.17	1.6	-	-	-	-	3	1	-	-	2	2.5
16	IT Workshop	C206	PCC-CS 393	1	1.67	2	2	-	-	-	-	-	-	-	-	1	2
17	Discrete Mathematics	C207	PCC-CS 401	2	2	-	-	-	-	-	-	-	-	-	-	2	-
18	Design & Analysis of Algorithm	C208	PCC-CS 404 PCC CS 494	1.17	2.2	2.2	-	-	-	-	-	1	-	-	-	1.8	2.5
19	Biology	C209	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	Economics for Engineers	C301	HU 501	-	-	-	-	-	-	-	2	-	1	2	-	2	-
24	Design & Analysis of Algorithm	C302	IT 501 IT -591	1.17	2.2	2.2	-	-	-	-	-	1	-	-	-	1.8	2.5
25	Computer Architecture	C303	IT 502 IT 592	1.8	2.6	2.6	1.8	2	-	-	-	1	1	-	-	1.8	2.6
26	Operating System	C304	IT 503 IT 593	1.2	2	1.4	1	-	-	-	-	-	-	-	-	1	1.5
27	Programming Practice Using C++ LAB	C306	IT 504F IT 594F	1	2	1.33	-	-	-	-	-	1	-	-	-	-	1.67

Siliguri Institute of Technology

Department of Information Technology

AY: 2019-20

28	Principles of Management	C307	HU 601	-	-	-	-	-	-	-	2	2	2	2	-	1	-
29	Database Mgmt. System	C308	IT 601 IT 691	1.8	1.8	1.4	1	1	-	-	-	1	-	-	1	2.6	1.75
30	Computer Network	C309	IT 602 IT 692	1	1.75	1	1	-	-	-	-	-	-	-	-	1	1
31	Software Engineering	C310	IT 603 IT 693	1	2	2	2	-	-	-	-	1	-	-	-	1	2
32	Computer Graphics	C311	IT 604B	1.2	1.6	1.8	-	-	-	-	-	-	-	-	-	1.75	1.33
33	Artificial Intelligence	C312	IT 605D	1.4	2	1	1	-	1	-	-	1	-	-	1	1.4	1.33
34	Seminar	C314	IT 681	1	2	3	1	1	1	1	2	1.33	2.33	-	2	1.5	2
35	Internet Technology	C401	IT 701 IT 791	1.5	2	1.5	-	3	1	-	2	-	-	-	-	1	2
36	E- Commerce	C402	IT 703A IT 793A	1	3	2	-	-	-	-	-	1	-	-	-	-	2
37	Multimedia	C403	IT 702 IT 792	1	1	2	1	-	1	-	-	1	-	-	-	1.5	1
38	Data warehousing & Data Mining	C404	IT 704 C	1	2	1.67	-	-	-	-	-	-	-	-	-	1.5	1
39	Control System	C405	IT 705B	3	2.25	1	-	2	-	-	-	-	-	-	-	2	2
40	Group Discussion	C406	HU781	-	-	-	-	-	-	-	-	1	1	-	-	-	-
41	Industrial Training	C407	IT 794	2	-	2	-	2.5	-	-	-	1.5	1	2	2	2	2.5
42	Project - I	C408	IT 795	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	IT 801D	1	1.75	2	1.5	-	-	-	-	-	-	-	-	1	2
45	Cyber Law & Security Policy	C411	IT 802B	1	3	2	-	-	-	-	-	1	-	-	-	-	2
46	Design LAB	C412	IT 891	3	2	3	3	2	-	2	1	2	-	2	2	2	3
47	Project - II	C413	IT 892	3	2.4	3	3	2	-	2	1	2	-	2	2	3	2
48	Grand Viva	C414	IT 893	2	-	3	-	2	-	-	-	2	-	-	2	2	2
CO-PO ATTAINMENT (TARGET)				1.53	1.96	1.99	1.71	1.77	1.29	2.17	1.36	1.4	1.37	2	1.3	1.55	1.8


 Director
 Siliguri Institute of Technology

Siliguri Institute of Technology

Department of Information Technology

AY: 2019-20

SN	Course Title	Course	University Code	Program Outcomes (PO's)												PSO	
				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	0.33	0.33	-	-	-	-	-	-	-	-	-	0.33	0.33	-
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	C105	ES-CS 201 ES-CS 291	1	1	-	-	-	-	-	-	1	-	-	1	1	1
6	Chemistry - I	C106	BS-CH 201 BS-CH 291	1	2	-	-	-	-	-	-	1.6	-	-	1	1	-
7	Mathematics - II	C107	BS-M 201	1.2	1.2	-	-	-	-	-	-	-	-	-	-	1.2	-
8	English	C108	HM-HU 201	-	-	-	-	-	-	-	-	1	2	-	1	-	-
9	Language Laboratory	C109	HM-HU 291	-	-	-	-	1	-	-	1	1	2	-	1	-	-
10	Engineering Drawing & Computer Graphics	C110	ES-ME 291	-	-	-	-	-	-	-	1	1	-	-	1	1	-
11	Economics for Engineers	C201	HSMC-301	-	-	-	-	-	-	-	2	-	1	2	-	2	-
12	Mathematics - III	C202	BSC-301	0.61	0.61	-	-	-	-	-	-	-	-	-	-	0.61	-
13	Analog & Digital Electronics	C203	ES-C 301 ES-C 391	1.67	1	1	-	-	-	-	1	-	-	-	-	1.5	-
14	Data Structure & Algorithm	C204	PCC-CS 301 PCC - CS 391	1.8	2	-	-	2	-	-	-	2	-	-	1	1	1
15	Computer Organization	C205	PCC-CS 302 PCC -CS 392	2	2.33	2.17	1.6	-	-	-	-	3	1	-	-	2	2.5
16	IT Workshop	C206	PCC-CS 393	1	1.67	2	2	-	-	-	-	-	-	-	-	1	2
17	Discrete Mathematics	C207	PCC-CS 401	2	2	-	-	-	-	-	-	-	0	-	-	2	-
18	Design & Analysis of Algorithm	C208	PCC-CS 404 PCC CS 494	1.17	2.2	2.2	-	-	-	-	-	1	-	-	-	1.8	2.5
19	Biology	C209	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	Economics for Engineers	C301	HU 501	-	-	-	-	-	-	-	2	-	1	2	-	2	-
24	Design & Analysis of Algorithm	C302	IT 501 IT -591	1.17	2.2	2.2	-	-	-	-	-	1	-	-	-	1.8	2.5
25	Computer Architecture	C303	IT 502 IT 592	1.8	2.6	2.6	1.8	2	-	-	-	1	1	-	-	1.8	2.6
26	Operating System	C304	IT 503 IT 593	1.2	2	1.4	1	-	-	-	-	-	-	-	-	1	1.5

Siliguri Institute of Technology

Department of Information Technology

AY: 2019-20

27	Programming Practice Using C++ LAB	C306	IT 504F IT 594F	1	2	1.33	-	-	-	-	-	1	-	-	-	-	1.67
28	Principles of Management	C307	HU 601	-	-	-	-	-	-	-	2	2	2	2	-	1	-
29	Database Mgmt. System	C308	IT 601 IT 691	1.8	1.8	1.4	1	1	-	-	-	1	-	-	1	2.6	1.75
30	Computer Network	C309	IT 602 IT 692	1	1.75	1	1	-	-	-	-	-	-	-	-	1	1
31	Software Engineering	C310	IT 603 IT 693	1	2	2	2	-	-	-	-	1	-	-	-	1	2
32	Computer Graphics	C311	IT 604B	1.2	1.6	1.8	-	-	-	-	-	-	-	-	-	1.75	1.33
33	Artificial Intelligence	C312	IT 605D	1.4	2	1	1	-	1	-	-	1	-	-	1	1.4	1.33
34	Seminar	C314	IT 681	1	2	3	1	1	1	1	2	1.33	2.33	-	2	1.5	2
35	Internet Technology	C401	IT 701 IT 791	1.5	2	1.5	-	3	1	-	2	-	-	-	-	1	2
36	E- Commerce	C402	IT 703A IT 793A	1	3	2	-	-	-	-	-	1	-	-	-	-	2
37	Multimedia	C403	IT 702 IT 792	1	1	2	1	-	1	-	-	1	-	-	-	1.5	1
38	Data warehousing & Data Mining	C404	IT 704 C	1	2	1.67	-	-	-	-	-	-	-	-	-	1.5	1
39	Control System	C405	IT 705B	3	2.25	1	-	2	-	-	-	-	-	-	-	2	2
40	Group Discussion	C406	HU781	-	-	-	-	-	-	-	-	1	1	-	-	-	-
41	Industrial Training	C407	IT 794	2	-	2	-	2.5	-	-	-	1.5	1	2	2	2	2.5
42	Project - I	C408	IT 795	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	IT 801D	1	1.75	2	1.5	-	-	-	-	-	-	-	-	1	2
45	Cyber Law & Security Policy	C411	IT 802B	1	3	2	-	-	-	-	-	1	-	-	-	-	2
46	Design LAB	C412	IT 891	3	2	3	3	2	-	2	1	2	-	2	2	2	3
47	Project - II	C413	IT 892	3	2.4	3	3	2	-	2	1	2	-	2	2	3	2
48	Grand Viva	C414	IT 893	2	-	3	-	2	-	-	-	2	-	-	2	2	2
CO-PO ATTAINMENT (ACHIEVE)				1.48	1.91	1.99	1.71	1.77	1.29	2.17	1.36	1.4	1.37	2	1.27	1.51	1.8

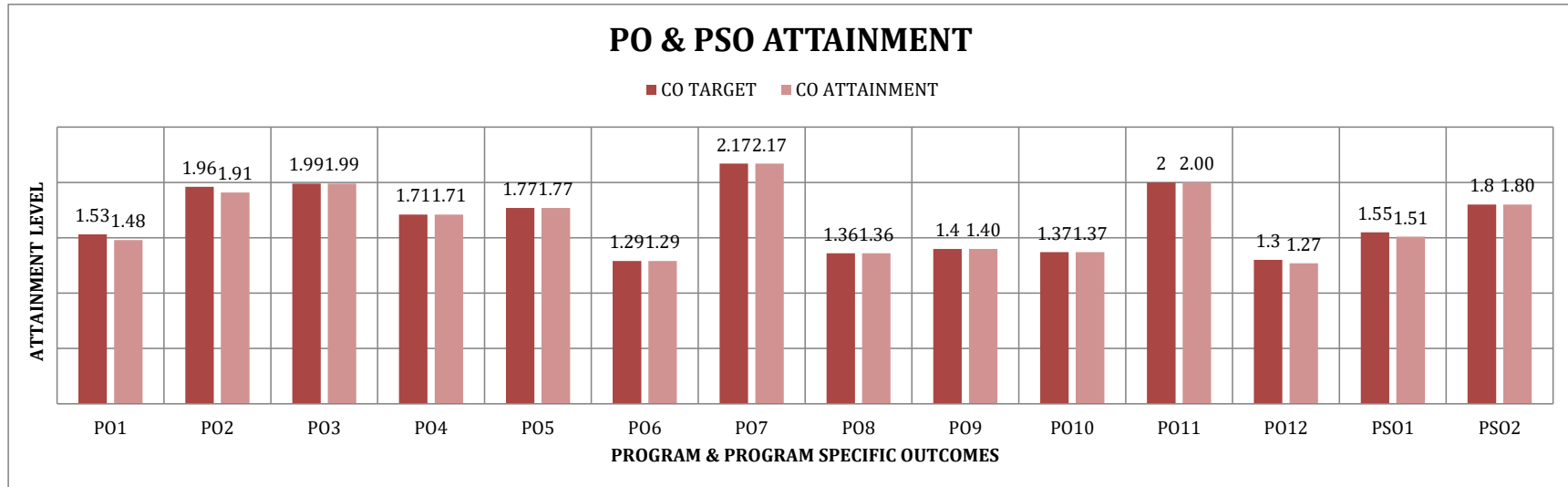

 Director
 Siliguri Institute of Technology

Siliguri Institute of Technology

Department of Information Technology

AY: 2019-20

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO TARGET	1.53	1.96	1.99	1.71	1.77	1.29	2.17	1.36	1.4	1.37	2	1.3	1.55	1.8
CO ATTAINMENT	1.48	1.91	1.99	1.71	1.77	1.29	2.17	1.36	1.40	1.37	2.00	1.27	1.51	1.80




 Director
 Siliguri Institute of Technology