

# Siliguri Institute of Technology

## List of Laboratory Papers

SN	SYLLABUS OLD/NEW	COURSE NAME	COURSE CODE	LABORATORY PAPER NAME	LABORATORY PAPER CODE	NUMBER OF EXPERIMENT ASSIGNED
1	OLD	BTECH IN CIVIL ENGINEERING	013	BUILDING DESIGN AND DRAWING	CE 393	8
2	OLD	BTECH IN CIVIL ENGINEERING	013	SURVEYING PRACTICE -I	CE 392	8
3	OLD	BTECH IN CIVIL ENGINEERING	013	SURVEYING PRACTICE -II	CE 492	7
4	OLD	BTECH IN CIVIL ENGINEERING	013	QUANTITY SURVEYING SPECIFICATION AND VALUATION	CE 593	8
5	OLD	BTECH IN CIVIL ENGINEERING	013	CAD LAB	CE 693	7
6	NEW	BTECH IN CIVIL ENGINEERING	013	SURVEYING AND GEOMATICS LAB	CE (PC)493	8
7	NEW	BTECH IN CIVIL ENGINEERING	013	RC DESIGN SESSIONAL	CE (PC)591	6
8	NEW	BTECH IN CIVIL ENGINEERING	013	COMPUTER APPLICATION LAB	CE (PC)597	11
9	OLD	BTECH IN CIVIL ENGINEERING	013	SOLID MECHANICS	CE391	8
10	OLD	BTECH IN CIVIL ENGINEERING	013	Fluid Mechanics	CE-491	6
11	OLD	BTECH IN CIVIL ENGINEERING	013	Soil Mechanics Lab - I	CE493	10
12	OLD	BTECH IN CIVIL ENGINEERING	013	Soil Mechanics Lab.-II	CE591	5
13	OLD	BTECH IN CIVIL ENGINEERING	013	CONCRETE LABORATORY	CE 592	14
14	OLD	BTECH IN CIVIL ENGINEERING	013	ENGINEERING GEOLOGY	CE 594	7
15	OLD	BTECH IN CIVIL ENGINEERING	013	Highway Engineering Lab	CE691	8
16	OLD	BTECH IN CIVIL ENGINEERING	013	Detailing of RCC & steel structures	CE692	6
17	NEW	BTECH IN CIVIL ENGINEERING	013	CAD LAB	CE(ES) 392	7
18	NEW	BTECH IN CIVIL ENGINEERING	013	BASIC ELECTRONICS	CE(ES) 391	6
19	NEW	BTECH IN CIVIL ENGINEERING	013	LIFE SCIENCE	CE(ES) 393	6
20	NEW	BTECH IN CIVIL ENGINEERING	013	SOLID MECHANICS	CE(ES) 492	8
21	NEW	BTECH IN CIVIL ENGINEERING	013	Fluid Mechanics	CE(ES) 491	9
22	NEW	BTECH IN CIVIL ENGINEERING	013	ENGINEERING GEOLOGY	CE(ES) 493	8
23	NEW	BTECH IN CIVIL ENGINEERING	013	CONCRETE LABORATORY	CE(ES) 494	14
24	NEW	BTECH IN CIVIL ENGINEERING	013	Soil Mechanics Lab	CE(PC)594	15
25	NEW	BTECH IN CIVIL ENGINEERING	013	TRANSPORTATION LAB	CE(PC)596	8

SN	SYLLABUS OLD/NEW	COURSE NAME	COURSE CODE	LABORATORY PAPER NAME	LABORATORY PAPER CODE	NUMBER OF EXPERIMENT ASSIGNED
1	Old	BTECH IN COMPUTER SC. & ENGG	001	PHYSICS-2	PH391	8
2	Old	BTECH IN COMPUTER SC. & ENGG	001	ANALOG & DIGITAL ELECTRONICS	CS391	10
3	Old	BTECH IN COMPUTER SC. & ENGG	001	DATA STRUCTURE & ALGORITHM	CS392	14
4	Old	BTECH IN COMPUTER SC. & ENGG	001	COMPUTER ORGANISATION	CS393	8
5	Old	BTECH IN COMPUTER SC. & ENGG	001	NUMERICAL METHODS	M(CS)491	12
6	Old	BTECH IN COMPUTER SC. & ENGG	001	COMMUNICATION ENGINEERING & CODING THEORY	CS491	5
7	Old	BTECH IN COMPUTER SC. & ENGG	001	COMPUTER ARCHITECTURE	CS493	9
8	Old	BTECH IN COMPUTER SC. & ENGG	001	SOFTWARE TOOLS	CS492	10

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9	Old	BTECH IN COMPUTER SC. & ENGG	001	DESIGN & ANALYSIS OF ALGORITHM	CS591	10
10	Old	BTECH IN COMPUTER SC. & ENGG	001	MICROPROCESSOR & MICROCONTROLLER	CS592	8
11	Old	BTECH IN COMPUTER SC. & ENGG	001	OBJECT ORIENTED PROGRAMMING	CS594D	12
12	Old	BTECH IN COMPUTER SC. & ENGG	001	PROGRAMMING PRACTICES USING C++	CS593	10
13	Old	BTECH IN COMPUTER SC. & ENGG	001	DATABASE MANAGEMENT SYSTEM	CS691	16
14	Old	BTECH IN COMPUTER SC. & ENGG	001	COMPUTER NETWORKS	CS692	12
15	Old	BTECH IN COMPUTER SC. & ENGG	001	OPERATING SYSTEM	CS693	16
16	Old	BTECH IN COMPUTER SC. & ENGG	001	SOFTWARE ENGINEERING	CS791	9
17	Old	BTECH IN COMPUTER SC. & ENGG	001	ARTIFICIAL INTELLIGENCE	CS793C	19
18	Old	BTECH IN COMPUTER SC. & ENGG	001	INTERNET TECHNOLOGY	CS795A	15
1	New	BTECH IN COMPUTER SC. & ENGG	001	ANALOG & DIGITAL ELECTRONICS	ESC391	10
2	New	BTECH IN COMPUTER SC. & ENGG	001	DATA STRUCTURE & ALGORITHM	PCC-CS391	14
3	New	BTECH IN COMPUTER SC. & ENGG	001	COMPUTER ORGANISATION	PCC- CS392	8
4	New	BTECH IN COMPUTER SC. & ENGG	001	IT WORKSHOP (SCI LAB/ MATLAB/PYTHON/R)	PCC- CS393	15
5	New	BTECH IN COMPUTER SC. & ENGG	001	COMPUTER ARCHITECTURE	PCC-CS492	9
6	New	BTECH IN COMPUTER SC. & ENGG	001	DESIGN & ANALYSIS OF ALGORITHM	PCC-CS494	10
7	New	BTECH IN COMPUTER SC. & ENGG	001	SOFTWARE ENGINEERING	ESC591	9
8	New	BTECH IN COMPUTER SC. & ENGG	001	OPERATING SYSTEMS	PCC-CS592	15
9	New	BTECH IN COMPUTER SC. & ENGG	001	OBJECT ORIENTED PROGRAMMING	PCC-CS593	12
10	New	BTECH IN COMPUTER SC. & ENGG	001	DATABASE MANAGEMENT SYSTEM	PCC-CS691	16
11	New	BTECH IN COMPUTER SC. & ENGG	001	COMPUTER NETWORKS	PCC-CS692	12

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1	OLD	B.TECH IN ELECTRONICS & COMM. ENGG.	003	NUMERICAL METHOD LAB	M(CS)391	6
2	OLD	B.TECH IN ELECTRONICS & COMM. ENGG.	003	Circuit Theory & Network Lab	EC 391	9
3	OLD	B.TECH IN ELECTRONICS & COMM. ENGG.	003	Solid State Devices	EC 392	6
4	OLD	B.TECH IN ELECTRONICS & COMM. ENGG.	003	Signal System Lab	EC 393	8
5	OLD	B.TECH IN ELECTRONICS & COMM. ENGG.	003	Analog Electronic Circuits Lab	EC 394	8
6	OLD	B.TECH IN ELECTRONICS & COMM. ENGG.	003	Physics-II Lab	PH 491	13
7	OLD	B.TECH IN ELECTRONICS & COMM. ENGG.	003	EM Theory & Tx Lines Lab	EC 491	10
8	OLD	B.TECH IN ELECTRONICS & COMM. ENGG.	003	Digital Electronic & Integrated Circuits Lab	EC 492	15
9	OLD	B.TECH IN ELECTRONICS & COMM. ENGG.	003	Analog Communication	EC 591	11
10	OLD	B.TECH IN ELECTRONICS & COMM. ENGG.	003	Microprocessors & Microcontrollers	EC 592	10
11	OLD	B.TECH IN ELECTRONICS & COMM. ENGG.	003	Control System	EC 593	11
12	OLD	B.TECH IN ELECTRONICS & COMM. ENGG.	003	Data structure & C	EC-594B	14
13	OLD	B.TECH IN ELECTRONICS & COMM. ENGG.	003	Digital Communications	EC 691	12
14	OLD	B.TECH IN ELECTRONICS & COMM. ENGG.	003	Digital Signal Processing	EC 692	12
15	OLD	B.TECH IN ELECTRONICS & COMM. ENGG.	003	Object Oriented Programming (IT)	EC-695	12

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16	OLD	B.TECH IN ELECTRONICS & COMM. ENGG.	003	VLSI Design Lab	EC 792	12
17	OLD	B.TECH IN ELECTRONICS & COMM. ENGG.	003	RF & Microwave Engg. Lab	EC 793A	8
18	OLD	B.TECH IN ELECTRONICS & COMM. ENGG.	003	Data Base Management System Lab (CSE)	EC 795C	15
19	OLD	B.TECH IN ELECTRONICS & COMM. ENGG.	003	Power Electronics Lab(EE)	EC 795D	15
20	NEW	B.TECH IN ELECTRONICS & COMM. ENGG.	003	Electronic Devices Lab.	EC 391	10
21	NEW	B.TECH IN ELECTRONICS & COMM. ENGG.	003	Digital system design lab	EC 392	13
22	NEW	B.TECH IN ELECTRONICS & COMM. ENGG.	003	Data Structure Lab(ES)	ES-CS391	14
23	NEW	B.TECH IN ELECTRONICS & COMM. ENGG.	003	Analog Communication Lab	EC 491	9
24	NEW	B.TECH IN ELECTRONICS & COMM. ENGG.	003	Analog Electronic Circuits Lab	EC 492	9
25	NEW	B.TECH IN ELECTRONICS & COMM. ENGG.	003	Microprocessor & Microcontrollers Lab	EC 493	8
26	NEW	B.TECH IN ELECTRONICS & COMM. ENGG.	003	Numerical Methods Lab	BS-M(CS)491	12
27	NEW	B.TECH IN ELECTRONICS & COMM. ENGG.	003	Electromagnetic Wave Lab	EC 591	9
28	NEW	B.TECH IN ELECTRONICS & COMM. ENGG.	003	Digital Communication Lab.	EC 592	12
29	NEW	B.TECH IN ELECTRONICS & COMM. ENGG.	003	Digital Signal Processing Lab	EC 593	9
30	NEW	B.TECH IN ELECTRONICS & COMM. ENGG.	003	Computer Network Lab	EC 691	7
31	NEW	B.TECH IN ELECTRONICS & COMM. ENGG.	003	Control System and Instrumentation Lab	EC 692	9

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1	Old	B.TECH IN INFORMATION TECHNOLOGY	002	PHYSICS-2	PH391	8
2	Old	B.TECH IN INFORMATION TECHNOLOGY	002	ANALOG & DIGITAL ELECTRONICS	CS391	10
3	Old	B.TECH IN INFORMATION TECHNOLOGY	002	DATA STRUCTURE & ALGORITHM	CS392	14
4	Old	B.TECH IN INFORMATION TECHNOLOGY	002	COMPUTER ORGANISATION	CS393	8
5	Old	B.TECH IN INFORMATION TECHNOLOGY	002	NUMERICAL METHODS	M(CS)491	12
6	Old	B.TECH IN INFORMATION TECHNOLOGY	002	COMMUNICATION ENGINEERING & CODING THEORY	CS491	5
7	Old	B.TECH IN INFORMATION TECHNOLOGY	002	OBJECT ORIENTED PROGRAMMING & UML	IT491	12
8	Old	B.TECH IN INFORMATION TECHNOLOGY	002	SOFTWARE TOOLS	CS492	10
9	Old	B.TECH IN INFORMATION TECHNOLOGY	002	DESIGN & ANALYSIS OF ALGORITHM	IT591	10
10	Old	B.TECH IN INFORMATION TECHNOLOGY	002	COMPUTER ARCHITECTURE	IT592	9
11	Old	B.TECH IN INFORMATION TECHNOLOGY	002	OPERATING SYSTEM	IT593	16
12	Old	B.TECH IN INFORMATION TECHNOLOGY	002	PROGRAMMING PRACTICES USING C++	IT594F	10
13	Old	B.TECH IN INFORMATION TECHNOLOGY	002	DATABASE MANAGEMENT SYSTEM	IT691	16
14	Old	B.TECH IN INFORMATION TECHNOLOGY	002	COMPUTER NETWORKING	IT692	12
15	Old	B.TECH IN INFORMATION TECHNOLOGY	002	SOFTWARE ENGINEERING	IT693	9
16	Old	B.TECH IN INFORMATION TECHNOLOGY	002	INTERNET TECHNOLOGY	IT791	15
17	Old	B.TECH IN INFORMATION TECHNOLOGY	002	MULTIMEDIA	IT792	10
18	Old	B.TECH IN INFORMATION TECHNOLOGY	002	E-COMMERCE	IT793A	10
1	New	B.TECH IN INFORMATION TECHNOLOGY	002	ANALOG & DIGITAL ELECTRONICS	ESC391	10
2	New	B.TECH IN INFORMATION TECHNOLOGY	002	DATA STRUCTURE & ALGORITHM	PCC-CS391	14

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4	New	B.TECH IN INFORMATION TECHNOLOGY	002	IT WORKSHOP (SCI LAB/ MATLAB/PYTHON/R)	PCC- CS393	15
5	New	B.TECH IN INFORMATION TECHNOLOGY	002	COMPUTER ARCHITECTURE	PCC-CS492	9
6	New	B.TECH IN INFORMATION TECHNOLOGY	002	DESIGN & ANALYSIS OF ALGORITHM	PCC-CS494	10
7	New	B.TECH IN INFORMATION TECHNOLOGY	002	SOFTWARE ENGINEERING	ESC591	9
8	New	B.TECH IN INFORMATION TECHNOLOGY	002	OPERATING SYSTEMS	PCC-CS592	16
9	New	B.TECH IN INFORMATION TECHNOLOGY	002	OBJECT ORIENTED PROGRAMMING	PCC-CS593	12
10	New	B.TECH IN INFORMATION TECHNOLOGY	002	DATABASE MANAGEMENT SYSTEM	PCC-CS691	16
11	New	B.TECH IN INFORMATION TECHNOLOGY	002	COMPUTER NETWORKS	PCC-CS692	12

SN	SYLLABUS OLD/NEW	COURSE NAME	COURSE CODE	LABORATORY PAPER NAME	LABORATORY PAPER CODE	NUMBER OF EXPERIMENT ASSIGNED
1	Old	B. Tech in Electrical Engineering	013	NUMERICAL METHODS LABORATORY	M (CS )391	6
2	Old	B. Tech in Electrical Engineering	013	Analog & Digital Electronic circuit Lab	EC(EE)391	13
3	Old	B. Tech in Electrical Engineering	013	Electric Circuit Theory Lab	EE-391	9
4	Old	B. Tech in Electrical Engineering	013	Physics-II Lab	PH(EE)-491	11
5	Old	B. Tech in Electrical Engineering	013	Thermal power Engineering Lab	ME(EE)481	12
6	Old	B. Tech in Electrical Engineering	013	Electric Machine-I lab	EE-491	10
7	Old	B. Tech in Electrical Engineering	013	Electrical & Electronic measurement lab	EE-492	11
8	Old	B. Tech in Electrical Engineering	013	Electric machine-II Lab	EE-591	12
9	Old	B. Tech in Electrical Engineering	013	Power system-I Lab	EE-592	10
10	Old	B. Tech in Electrical Engineering	013	Control system-I Lab	EE-593	7
11	Old	B. Tech in Electrical Engineering	013	Data structure & algorithm Lab	EE-594A	10
12	Old	B. Tech in Electrical Engineering	013	Micro Processor & Micro controller Lab	EE-594C	8
13	Old	B. Tech in Electrical Engineering	013	Control System-II Lab	EE-691	8
14	Old	B. Tech in Electrical Engineering	013	Power System-II Lab	EE-692	12
15	Old	B. Tech in Electrical Engineering	013	Power Electronics Lab	EE-693	15
16	Old	B. Tech in Electrical Engineering	013	Software Engineering Lab	EE-694A	8
17	Old	B. Tech in Electrical Engineering	013	Object Oriented Programming Lab	EE-694C	6
18	Old	B. Tech in Electrical Engineering	013	Electric Drive Lab	EE-791	9
19	Old	B. Tech in Electrical Engineering	013	Computer Network lab	EE-792 A	7
20	Old	B. Tech in Electrical Engineering	013	Electrical system design-I Lab	EE-782	11
21	Old	B. Tech in Electrical Engineering	013	Electrical system Lab-II	EE-882	14
22	New	B. Tech in Electrical Engineering	013	ELECTRIC CIRCUIT THEORY LABORATORY	PC-EE 391	9
23	New	B. Tech in Electrical Engineering	013	ANALOG ELECTRONICS LABORATORY	PC-EE 392	11
24	New	B. Tech in Electrical Engineering	013	NUMERICAL METHODS LABORATORY	PC-CS 391	6
25	New	B. Tech in Electrical Engineering	013	ELECTRIC MACHINE-I LABORATORY	PC-EE491	10
26	New	B. Tech in Electrical Engineering	013	DIGITAL ELECTRONICS LABORATORY	PC-EE492	15
27	New	B. Tech in Electrical Engineering	013	ELECTRICAL & ELECTRONICS MEASUREMENT LABORATORY	PC-EE493	11

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28	New	B. Tech in Electrical Engineering	013	THERMAL POWER ENGINEEING LABORATORY	ES-ME-491	10
29	New	B. Tech in Electrical Engineering	013	ELECTRIC MACHINE-II LABORATORY	PC-EE 591	15
30	New	B. Tech in Electrical Engineering	013	POWER SYSTEM-I LABORATORY	PC-EE 592	10
31	New	B. Tech in Electrical Engineering	013	CONTROL SYSTEM LABORATORY	PC-EE 593	11
32	New	B. Tech in Electrical Engineering	013	POWER ELECTRONICS LABORATORY	PC-EE 594	14
33	New	B. Tech in Electrical Engineering	013	POWER SYSTEM-II LABORATORY	PC-EE 691	12
34	New	B. Tech in Electrical Engineering	013	MICRO PROCESSOR & MICROCONTROLLER LABORATOR	PC-EE692	16
35	New	B. Tech in Electrical Engineering	013	ELECTRICAL & ELECTRONICS DESIGN LABORATORY	PC-EE 681	14

SN	SYLLABUS OLD/NEW	COURSE NAME	COURSE CODE	LABORATORY PAPER NAME	LABORATORY PAPER CODE	NUMBER OF EXPERIMENT ASSIGNED
1	OLD	B.TECH 1ST YEAR	NA	Engineering Drawing & Computer Graphics	ME191/ME291	8
2	OLD	B.TECH 1ST YEAR	NA	Workshop Practice	ME192/ME292	5
3	NEW	B.TECH 1ST YEAR	NA	Engineering Graphics & Design	ES-ME191/ES-ME291	11
4	New	B.TECH 1ST YEAR	NA	Workshop/ Manufacturing Practices	ES-ME192/ES-ME292	8
5	Old	B.TECH 1ST YEAR	NA	Chemistry-I	CH-191/CH-291	10
6	New	B.TECH 1ST YEAR	NA	Chemistry-I	BS CH-191/BS CH-291	8
7	OLD	B.TECH 1ST YEAR	NA	Physics-I	PH191/291	7
8	OLD	B.TECH 1ST YEAR	NA	Physics-II	PH391/491	6
9	New	B.TECH 1ST YEAR	NA	Physics-I	BSPH191/291	10

  
 Director  
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