

BASIC COMPUTATION & PRINCIPLES OF COMPUTER PROGRAMMING

LAB. (CS - 291)RUBRIC FOR STUDENTS

<u>Experiment Name</u>	
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Criteria & Point Assigned	Acceptable	Considerable	Below Expectations	Unacceptable	Marks
Content	4	3	1	0	
Capability of writing Algorithm/Drawing Flow Chart	Most of algorithms or procedures are written clearly.	Some of algorithms or procedures are written undoubtedly.	Few of algorithms or procedures are written clearly.	No algorithms or procedures are written.	
Capability of writing Program	All programs are written precisely based on the question.	Some programs are written accurately.	Major errors in program writing.	Programs are not written/wrong program written.	
Result or Output	Represent all data appropriately. Finding of results are clear.	Partly outputs are found.	Major part of output not found.	Wrong output/no output found.	
Completion of target in Lab	100% target has been completed.	75% target has been completed.	50% target has been completed.	25% target has been completed.	
Attention to Lab Fair Copy	Proper Time i.e. in next day of lab., with proper documentation.	Submission of Lab Fair Copy in proper time but not with proper documentation.	Very poor presentation.	Late Submission.	
Total Marks with Grade					
Marks Evaluation	Between 20 – 16 ----> O Between 15 – 11 ----> E Between 10 – 06 ----> A Between 05 – 00 ----> B				
Signature with Date					

Experiment No.		Experiment Date	
Experiment Name			

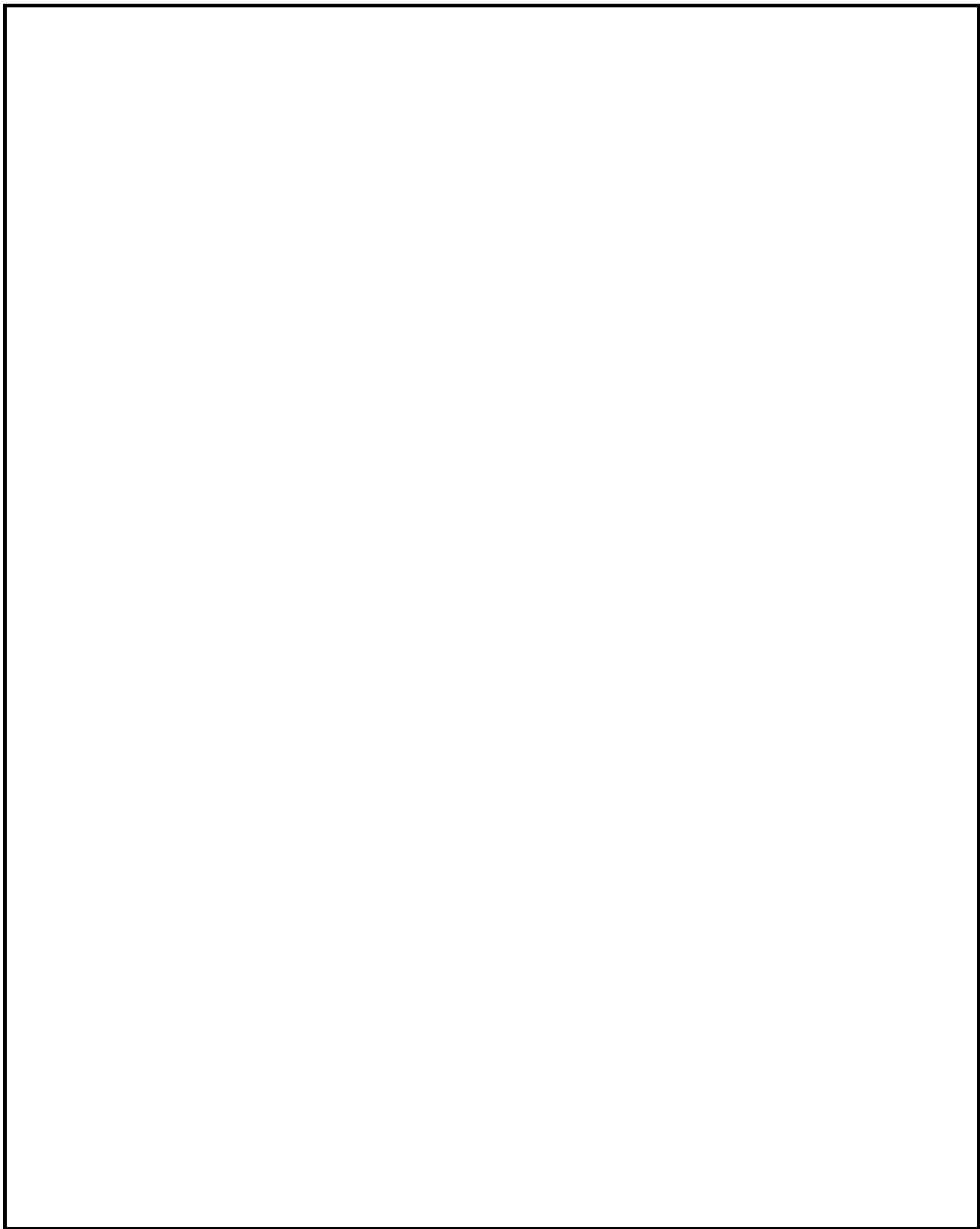
NETWORK LAB ASSIGNMENT RUBRIC FOR STUDENT

Criteria & Point Assigned	Acceptable	Considerable	Below Expectations	Unacceptable	Marks
Content	4	3	1	0	
Attendance in Lab on the Day of Experiment with Rough Copy	Attended in proper time & day with Rough Copy.	Attended in proper time & day without Rough Copy.	Attended but came very late and with / without Rough Copy.	Absent.	
Experimental procedure	All steps/programs are completely correct and accurate.	Major steps/programs are completely correct and minor mistake.	Some major errors.	Wrong attempt.	
Result Analysis	Represent all data appropriately. Finding of results are clear.	Represent some data appropriately. Finding of results are clear.	Represent some data appropriately. Finding of results are unclear.	No result analysis.	
Submission of Lab Fair Copy	Proper Time i.e. in next day Lab.	Proper Time i.e. in next day Lab but without Index or Chanel File.	Submission of Lab Fair Copy in proper time for missed Lab Experiment.	Late Submission.	
Attention to Lab Copy	Marking Page No., Exp. Date, Exp. No. properly in every page.	Only Page No(s). is / are missing.	Page No(s). and Exp. Date(s) are missing in other pages after first Page of Lab Report.	Page No., Exp. Date, Exp. No. are not available on first Page of Lab Report and other pages also.	

Total Marks with Grade				

Marks Evaluation	Between 20 - 16 ----> Z (5) Between 15 - 11 ----> Y (4) Between 10 - 06 ----> X (2) Between 05 - 00 ----> W(0)
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Signature of the Examiner with Date	
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SILIGURI INSTITUTE OF TECHNOLOGY

DATA STRUCTURE & ALGORITHM LAB (ES-CS - 391)

NAME.....

DEPARTMENT..... SECTION.....

YEAR..... SEMESTER.....

UNIVERSITY ROLL NO.....

UNIVERSITY REGISTRATION NO.....

INDEX

EXP. NO.	NAME OF THE EXPERIMENT	DATE OF EXP.	DATE OF REPORT SUBMISSION	GRADE /Marks	TEACHER'S SIGNATURE

RUBRIC FOR DATA STRUCTURE & ALGORITHM LAB.

Experiment Name	
------------------------	--

Criteria & Point Assigned	Outstanding	Excellent	Average	Below Average	Marks
Parameters	4	3	2	1	
Capability of writing Algorithm/Procedure	All the steps are implemented correctly of an algorithm	Most of the steps are implemented correctly of an algorithm	Few steps are implemented correctly of an algorithm	None of the steps are implemented of an algorithm	
Capability of writing Program	Completeness of code, consistent variable naming and well formatted	Completeness of code, Inconsistent variable naming and well formatted	Completeness of code, consistent variable naming and unformatted	Program not completed	
Completion in target in Lab	100% target has been completed	75% target has been completed	50% target has been completed	25% target has been completed	
Output	Most of the outputs are correct and well formatted.	Some of the outputs are correct and well formatted.	Few outputs have been found correctly	None of the outputs are correct	
Submission of Lab Fair Copy	Proper Time i.e. in next day Lab., with proper documentation	Late Submission by one day	Late Submission by two days	Late Submission (after two days)	
Total Marks with Grade					
Marks Evaluation	Between 20 - 16 ----> O Between 15 - 11 ----> E Between 10 - 06 ----> A Between 05 - 00 ----> B				
Signature with Date					

PROJECT GROUP NUMBER: IT_PROJ_2020_

Project Title:

Name of the Supervisor:

Project II (CS 892) Assessment Rubric

Performance Indicator (PI)	Excellent	Good	Fair	Poor
	4 pts	3 pts	2 pts	1 pt
Job Completion	Excellent	Good	Fair	Poor
	The project is completed as per tasks described in synopsis.	The project is completed but required minor modifications.	The project is completed but required several modifications.	The project is not completed as per tasks described in synopsis.
Requirement Analysis & Designing	Excellent	Good	Fair	Poor
	Effectively contributed in requirement analysis and designing.	Partially Contributed in requirement analysis and designing.	Attempted to contribute in requirement analysis and designing	No contribution in requirement analysis and designing.
Developing a Solution with proper test cases	Excellent	Good	Fair	Poor
	Developed the critical modules with optimized coding and designed most test cases.	Developed some modules with higher complexity in coding and designed few test cases.	Attempted to develop few modules (case specific) and test cases.	No contribution in developing a solution as well as testing.
Teamwork	Excellent	Good	Fair	Poor
	Worked very well with the team.	Worked well with the team.	Worked with the team.	No contribution as a member in the team.
Project Report Writing	Excellent	Good	Fair	Poor
	Worked very well to submit an excellent project report.	Worked well to submit the project report with covering all the aspects of a standard report.	Tried to submit the project report but standard of report was not satisfactory.	No contribution in project report writing.
Project Presentation	Excellent	Good	Fair	Poor
	Presented the project work flawlessly.	Presented the project work very nice.	Presented the project work not so good.	Presentation skill is not up to the mark.

Project Group Members

ROLL NUMBER				
NAME				
PI1				
PI2				
PI3				
PI4				
PI5				
PI6				

Comments (if any)

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OBJECT ORIENTED PROGRAMMING LAB.
(CS-594D)RUBRIC FOR STUDENTS

Assignment No.	
Assignment Details	

Criteria & Point Assigned	Acceptable	Considerable	Below Expectations	Unacceptable	Marks
Content	5	3	1	0	
Attendance in Lab	Attended in proper time.	Attended the Lab but half an hour late.	Attended the lab., but extreme late.	Absent.	
Capability of writing Programs with proper explanations	All programs are written precisely based on the algorithm/procedure, which have been written.	Some programs are written accurately.	Major errors in program writing.	Programs are not written.	
Result	Represent all data appropriately. Finding of results are clear.	Partly outputs are found.	Major part of output not found.	Wrong output/no output found.	
Submission of Lab Fair Copy	Proper Time i.e. in next day Lab., with properly written Exp. Date, Exp. No. and Exp. Name.	Submission of Lab Fair Copy in proper time but not found Exp. Date, Exp. No. and Exp. Name.	All experiments that have been completed last day lab. , not found.	Late Submission.	
Total Marks with Grade					
Marks Evaluation	Between 20 – 16 ----> O (5) Between 15 – 11 ----> E (4) Between 10 – 06 ----> A (2) Between 05 – 00 ----> B(0)				
Signature with Date					

Numerical Methods LAB. (MCS 491)RUBRIC FOR STUDENTS

<u>Experiment Name</u>	
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Criteria & Point Assigned	Acceptable	Considerable	Below Expectations	Unacceptable	Marks
Content	4*	3*	2*	1*	
Discussion of the problem	Proper discussion with example.	Improper discussion with example.	Proper discussion without example.	Improper discussion without example.	
Capability of writing Algorithm	Proper algorithms without any mistake.	Algorithm with minor mistakes.	Algorithms with major mistakes.	Improper / no algorithms	
Capability of writing Program	All programs are written precisely based on the proper algorithm.	Programs with minor mistakes (syntax error).	Programs with major mistakes (logical error).	Improper programs (no match with algo.)	
Result or Output	Represent all data appropriately and finding the results clearly.	Partly outputs are found.	Major part of output not found.	Wrong output/no output found.	
Total Marks					
Signature with Date					

***NB: Submission of lab copy on proper date will carry additional one (1) mark in each field.**

Assessment Rubrics for Seminar

Performance Indicators (PI)		Inadequate	Average	Admirable	Outstanding	Score
		1	2	3	4	
PI 1	Background Knowledge and content	Material not clearly related to topic OR background dominated seminar	Material sufficient for clear understanding but not clearly presented	Material sufficient for clear understanding AND effectively presented	Material sufficient for clear understanding AND exceptionally presented	
PI 2	Documentation and Report	There was no structure of report and the formatting	The report was poorly structured, and the formatting (e.g: font, labelling of figures and tables, equations numbered etc) include very substantial and	The report was structured and formatted (e.g: font, spacing, labelling of figures and tables, equations numbered and etc) in a satisfactory manner	The report was structured in an orderly manner, and the formatting (e.g: font, spacing, labelling of figures and tables, equations numbered and etc) was done properly.	
PI 3	Organization of presentation	Hard to follow; sequence of information jumpy, Very Poor delivery of presentation	Contents of presentations are not appropriate and not well delivered, Poor delivery of presentation	Contents of presentations are not appropriate, Eye contact with few people and clear voice with good spoken language	Contents of presentations are appropriate and well delivered, Proper eye contact with audience and clear voice with good spoken language	
PI 4	Body language, Confidence & Communication Skill	Unimpressive reflecting lack of confidence, low voice, poor linguistic skills.	Starting well but frequently faltering and losing confidence, medium voice, and limited linguistic skill.	Acceptable but does not make impact on the audience, good linguistic skill but often fails to communicate effectively and the voice is acceptable.	Attracts attention and makes the presentation lively, applies the art of effective communication, strong voice and linguistic skill.	
PI 5	Q&A and interaction, Manners	Wrong response or explanation, ill-mannered	Sketchy explanation, skips complicated parts, needs support, lacking manners.	Good explanation at some Questions, good manners.	Clear explanation with examples, volunteers answering hard/critical Qs, Well mannered.	

SILIGURI INSTITUTE OF TECHNOLOGY
SOFTWARE ENGINEERING LAB. (EE-691)

NAME.....

DEPARTMENT..... SECTION.....

YEAR..... SEMESTER.....

UNIVERSITY ROLL NO.....

UNIVERSITY REGISTRATION NO.....

INDEX

SL. NO.	EXP. NO.	NAME OF THE EXPERIMENT	DATE OF EXP.	DATE OF REPORT SUBMISSION	GRADE / REMARKS	TEACHER'S SIGNATURE

INDEX (Continue...)

SL. NO.	EXP. NO.	NAME OF THE EXPERIMENT	DATE OF EXP.	DATE OF REPORT SUBMISSION	GRADE / REMARKS	TEACHER'S SIGNATURE

INDEX (Continue...)

SL. NO.	EXP. NO.	NAME OF THE EXPERIMENT	DATE OF EXP.	DATE OF REPORT SUBMISSION	GRADE / REMARKS	TEACHER'S SIGNATURE

..... FOR FINAL LAB EXAMINER USE ONLY

DATE OF FINAL LAB EXAM.		OVERALL GRADE IN LAB COPY		TOTAL LAB ATTENDED (OUT OF LAB CLASSES-)	
NAME OF THE EXPERIMENT IN FINAL LAB EXAMINATION					
WHETHER THE STUDENT COULD COMPLETE THE LAB EXPERIMENT DURING LAB EXAM - (PUT TICK)		YES		NO	
SIGNATURE OF THE EXAMINER IN FINAL LAB EXAM. WITH DATE					
Experiment No.			Experiment Date		
Experiment Name					

SOFTWARE ENGINEERING LAB. RUBRIC FOR STUDENTS

<u>Experiment No.</u>		<u>Experiment Date</u>	
<u>Experiment Name</u>			

Criteria & Point Assigned	Acceptable	Considerable	Below Expectations	Unacceptable	Marks
Content	4	3	1	0	
Attendance in Lab	Attended in proper time.	Attended the Lab but half an hour late.	Attended the lab., but extreme late.	Absent.	
Capability of writing Observation table/program	Accurate & perfect	Almost Accurate	Partially Accurate	Inaccurate	
DRAWING(UML Diagram/Gantt chart/PERT chart/CFG)	Very good & correct drawing using pencil with proper notation(s)	Correct average drawing using pencil with proper notation(s)	Correct poor drawing using pencil and without proper notation(s)	Drawing using Pen/Incorrect Drawing	
Result or Output	Represent all data appropriately. Finding of results are clear.	Partly outputs are found.	Major part of output not found.	Wrong output/no output found.	
Submission of Lab Fair Copy	Proper Time i.e. in next day Lab., with properly written Exp. Date, Exp. No. and Exp. Name.	Submission of Lab Fair Copy in proper time but not found Exp. Date, Exp. No. and Exp. Name.	All experiments that have been completed last day lab. , not found.	Late Submission.	
Total Marks with Grade					
Marks Evaluation	Between 20 – 16 ----> O (5) Between 15 – 11 ----> E (4) Between 10 – 06 ----> A (2) Between 05 – 00 ----> B(0)				
Signature with Date					

SILIGURI INSTITUTE OF TECHNOLOGY
SOFTWARE TOOLS LAB (CS - 492)

NAME.....
DEPARTMENT SECTION.....
YEAR..... SEMESTER.....
UNIVERSITY ROLL NO.....
UNIVERSITY REGISTRATION NO

INDEX

..... FOR FINAL LAB EXAMINER USE ONLY

DATE OF FINAL LAB EXAM.		OVERALL GRADE IN LAB COPY		TOTAL LAB ATTENDED (OUT OF LAB CLASSES-)	
NAME OF THE EXPERIMENT IN FINAL LAB EXAMINATION					
WHETHER THE STUDENT COULD COMPLETE THE LAB EXPERIMENT DURING LAB EXAM - (PUT TICK)		YES		NO	
SIGNATURE OF THE EXAMINER IN FINAL LAB EXAM. WITH DATE					
Experiment No.			Experiment Date		
Experiment Name					

SOFTWARE TOOLS RUBRIC FOR STUDENTS

Criteria & Point Assigned	Acceptable	Considerable	Below Expectations	Unacceptable	Marks
	5	3	1	0	
Content					
Attendance in Lab	Attended in proper time.	Attended the Lab but half an hour late.	Attended the lab., but extreme late.	Absent.	
Capability of writing Programs with proper explanations	All programs are written precisely based on the algorithm/procedure, which have been written.	Some programs are written accurately.	Major errors in program writing.	Programs are not written.	
Result	Represent all data appropriately. Finding of results are clear.	Partly outputs are found.	Major part of output not found.	Wrong output/no output found.	
Submission of Lab Fair Copy	Proper Time i.e. in next day Lab., with properly written Exp. Date, Exp. No. and Exp. Name.	Submission of Lab Fair Copy in proper time but not found Exp. Date, Exp. No. and Exp. Name.	All experiments that have been completed last day lab. , not found.	Late Submission.	
Total Marks with Grade					
Marks Evaluation	Between 20 - 16 ---->O (5) Between 15 - 11 ---->E (4) Between 10 - 06 ---->A (2) Between 05 - 00 ---->B(0)				
Signature with Date					

PROJECT GROUP NUMBER: CSE_PROJ_2020_

Project Title:

Name of the Supervisor:

Project II (CS 892) Assesment Rubric

Performance Indicator (PI)	Excellent	Good	Fair	Poor
	4 pts	3 pts	2 pts	1 pt
Job Completion	Excellent	Good	Fair	Poor
	The project is completed as per tasks described in synopsis.	The project is completed but required minor modifications.	The project is completed but required several modifications.	The project is not completed as per tasks described in synopsis.
Requirement Analysis & Designing	Excellent	Good	Fair	Poor
	Effectively contributed in requirement analysis and designing.	Partially Contributed in requirement analysis and designing.	Attempted to contribute in requirement analysis and designing	No contribution in requirement analysis and designing.
Developing a Solution with proper test cases	Excellent	Good	Fair	Poor
	Developed the critical modules with optimized coding and designed most test cases.	Developed some modules with higher complexity in coding and designed few test cases.	Attempted to develop few modules (case specific) and test cases.	No contribution in developing a solution as well as testing.
Teamwork	Excellent	Good	Fair	Poor
	Worked very well with the team.	Worked well with the team.	Worked with the team.	No contribution as a member in the team.
Project Report Writing	Excellent	Good	Fair	Poor
	Worked very well to submit an excellent project report.	Worked well to submit the project report with covering all the aspects of a standard report.	Tried to submit the project report but standard of report was not satisfactory.	No contribution in project report writing.
Project Presentation	Excellent	Good	Fair	Poor
	Presented the project work flawlessly.	Presented the project work very nice.	Presented the project work not so good.	Presentation skill is not up to the mark.

Project Group Members

ROLL NUMBER				
NAME				
PI1				
PI2				
PI3				
PI4				
PI5				
PI6				

Comments (if any)

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SILIGURI INSTITUTE OF TECHNOLOGY

DATA STRUCTURE & ALGORITHM LAB (ES-CS - 391)

NAME.....

DEPARTMENT..... SECTION.....

YEAR..... SEMESTER.....

UNIVERSITY ROLL NO.....

UNIVERSITY REGISTRATION NO.....

INDEX

EXP. NO.	NAME OF THE EXPERIMENT	DATE OF EXP.	DATE OF REPORT SUBMISSION	GRADE /Marks	TEACHER'S SIGNATURE

RUBRIC FOR DATA STRUCTURE & ALGORITHM LAB.

Experiment Name	
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Criteria & Point Assigned	Outstanding	Excellent	Average	Below Average	Marks
Parameters	4	3	2	1	
Capability of writing Algorithm/Procedure	All the steps are implemented correctly of an algorithm	Most of the steps are implemented correctly of an algorithm	Few steps are implemented correctly of an algorithm	None of the steps are implemented of an algorithm	
Capability of writing Program	Completeness of code, consistent variable naming and well formatted	Completeness of code, Inconsistent variable naming and well formatted	Completeness of code, consistent variable naming and unformatted	Program not completed	
Completion in target in Lab	100% target has been completed	75% target has been completed	50% target has been completed	25% target has been completed	
Output	Most of the outputs are correct and well formatted.	Some of the outputs are correct and well formatted.	Few outputs have been found correctly	None of the outputs are correct	
Submission of Lab Fair Copy	Proper Time i.e. in next day Lab., with proper documentation	Late Submission by one day	Late Submission by two days	Late Submission (after two days)	
Total Marks with Grade					
Marks Evaluation	Between 20 - 16 ----> O Between 15 - 11 ----> E Between 10 - 06 ----> A Between 05 - 00 ----> B				
Signature with Date					

OBJECT ORIENTED PROGRAMMING LAB.
(CS-594D)RUBRIC FOR STUDENTS

Assignment No.	
Assignment Details	

Criteria & Point Assigned	Acceptable	Considerable	Below Expectations	Unacceptable	Marks
Content	5	3	1	0	
Attendance in Lab	Attended in proper time.	Attended the Lab but half an hour late.	Attended the lab., but extreme late.	Absent.	
Capability of writing Programs with proper explanations	All programs are written precisely based on the algorithm/procedure, which have been written.	Some programs are written accurately.	Major errors in program writing.	Programs are not written.	
Result	Represent all data appropriately. Finding of results are clear.	Partly outputs are found.	Major part of output not found.	Wrong output/no output found.	
Submission of Lab Fair Copy	Proper Time i.e. in next day Lab., with properly written Exp. Date, Exp. No. and Exp. Name.	Submission of Lab Fair Copy in proper time but not found Exp. Date, Exp. No. and Exp. Name.	All experiments that have been completed last day lab. , not found.	Late Submission.	
Total Marks with Grade					
Marks Evaluation	Between 20 – 16 ----> O (5) Between 15 – 11 ----> E (4) Between 10 – 06 ----> A (2) Between 05 – 00 ----> B(0)				
Signature with Date					

Numerical Methods LAB. (MCS 491)RUBRIC FOR STUDENTS

<u>Experiment Name</u>	
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Criteria & Point Assigned	Acceptable	Considerable	Below Expectations	Unacceptable	Marks
Content	4*	3*	2*	1*	
Discussion of the problem	Proper discussion with example.	Improper discussion with example.	Proper discussion without example.	Improper discussion without example.	
Capability of writing Algorithm	Proper algorithms without any mistake.	Algorithm with minor mistakes.	Algorithms with major mistakes.	Improper / no algorithms	
Capability of writing Program	All programs are written precisely based on the proper algorithm.	Programs with minor mistakes (syntax error).	Programs with major mistakes (logical error).	Improper programs (no match with algo.)	
Result or Output	Represent all data appropriately and finding the results clearly.	Partly outputs are found.	Major part of output not found.	Wrong output/no output found.	
Total Marks					
Signature with Date					

***NB: Submission of lab copy on proper date will carry additional one (1) mark in each field.**

Assessment Rubrics for Seminar

Performance Indicators (PI)		Inadequate	Average	Admirable	Outstanding	Score
		1	2	3	4	
PI 1	Background Knowledge and content	Material not clearly related to topic OR background dominated seminar	Material sufficient for clear understanding but not clearly presented	Material sufficient for clear understanding AND effectively presented	Material sufficient for clear understanding AND exceptionally presented	
PI 2	Documentation and Report	There was no structure of report and the formatting	The report was poorly structured, and the formatting (e.g: font, labelling of figures and tables, equations numbered etc) include very substantial and	The report was structured and formatted (e.g: font, spacing, labelling of figures and tables, equations numbered and etc) in a satisfactory manner	The report was structured in an orderly manner, and the formatting (e.g: font, spacing, labelling of figures and tables, equations numbered and etc) was done properly.	
PI 3	Organization of presentation	Hard to follow; sequence of information jumpy, Very Poor delivery of presentation	Contents of presentations are not appropriate and not well delivered, Poor delivery of presentation	Contents of presentations are not appropriate, Eye contact with few people and clear voice with good spoken language	Contents of presentations are appropriate and well delivered, Proper eye contact with audience and clear voice with good spoken language	
PI 4	Body language, Confidence & Communication Skill	Unimpressive reflecting lack of confidence, low voice, poor linguistic skills.	Starting well but frequently faltering and losing confidence, medium voice, and limited linguistic skill.	Acceptable but does not make impact on the audience, good linguistic skill but often fails to communicate effectively and the voice is acceptable.	Attracts attention and makes the presentation lively, applies the art of effective communication, strong voice and linguistic skill.	
PI 5	Q&A and interaction, Manners	Wrong response or explanation, ill-mannered	Sketchy explanation, skips complicated parts, needs support, lacking manners.	Good explanation at some Questions, good manners.	Clear explanation with examples, volunteers answering hard/critical Qs, Well mannered.	

SILIGURI INSTITUTE OF TECHNOLOGY
SOFTWARE ENGINEERING LAB. (EE-691)

NAME.....

DEPARTMENT..... SECTION.....

YEAR..... SEMESTER.....

UNIVERSITY ROLL NO.....

UNIVERSITY REGISTRATION NO.....

INDEX

SL. NO.	EXP. NO.	NAME OF THE EXPERIMENT	DATE OF EXP.	DATE OF REPORT SUBMISSION	GRADE / REMARKS	TEACHER'S SIGNATURE

INDEX (Continue...)

SL. NO.	EXP. NO.	NAME OF THE EXPERIMENT	DATE OF EXP.	DATE OF REPORT SUBMISSION	GRADE / REMARKS	TEACHER'S SIGNATURE

INDEX (Continue...)

SL. NO.	EXP. NO.	NAME OF THE EXPERIMENT	DATE OF EXP.	DATE OF REPORT SUBMISSION	GRADE / REMARKS	TEACHER'S SIGNATURE

..... FOR FINAL LAB EXAMINER USE ONLY

DATE OF FINAL LAB EXAM.		OVERALL GRADE IN LAB COPY		TOTAL LAB ATTENDED (OUT OF LAB CLASSES-)	
NAME OF THE EXPERIMENT IN FINAL LAB EXAMINATION					
WHETHER THE STUDENT COULD COMPLETE THE LAB EXPERIMENT DURING LAB EXAM - (PUT TICK)		YES		NO	
SIGNATURE OF THE EXAMINER IN FINAL LAB EXAM. WITH DATE					
Experiment No.			Experiment Date		
Experiment Name					

SOFTWARE ENGINEERING LAB. RUBRIC FOR STUDENTS

<u>Experiment No.</u>		<u>Experiment Date</u>	
<u>Experiment Name</u>			

Criteria & Point Assigned	Acceptable	Considerable	Below Expectations	Unacceptable	Marks
Content	4	3	1	0	
Attendance in Lab	Attended in proper time.	Attended the Lab but half an hour late.	Attended the lab., but extreme late.	Absent.	
Capability of writing Observation table/program	Accurate & perfect	Almost Accurate	Partially Accurate	Inaccurate	
DRAWING(UML Diagram/Gantt chart/PERT chart/CFG)	Very good & correct drawing using pencil with proper notation(s)	Correct average drawing using pencil with proper notation(s)	Correct poor drawing using pencil and without proper notation(s)	Drawing using Pen/Incorrect Drawing	
Result or Output	Represent all data appropriately. Finding of results are clear.	Partly outputs are found.	Major part of output not found.	Wrong output/no output found.	
Submission of Lab Fair Copy	Proper Time i.e. in next day Lab., with properly written Exp. Date, Exp. No. and Exp. Name.	Submission of Lab Fair Copy in proper time but not found Exp. Date, Exp. No. and Exp. Name.	All experiments that have been completed last day lab. , not found.	Late Submission.	
Total Marks with Grade					
Marks Evaluation	Between 20 – 16 ----> O (5) Between 15 – 11 ----> E (4) Between 10 – 06 ----> A (2) Between 05 – 00 ----> B(0)				
Signature with Date					

SILIGURI INSTITUTE OF TECHNOLOGY
SOFTWARE TOOLS LAB (CS - 492)

NAME.....
DEPARTMENT SECTION.....
YEAR..... SEMESTER.....
UNIVERSITY ROLL NO.....
UNIVERSITY REGISTRATION NO

INDEX

..... FOR FINAL LAB EXAMINER USE ONLY

DATE OF FINAL LAB EXAM.		OVERALL GRADE IN LAB COPY		TOTAL LAB ATTENDED (OUT OF LAB CLASSES-)	
NAME OF THE EXPERIMENT IN FINAL LAB EXAMINATION					
WHETHER THE STUDENT COULD COMPLETE THE LAB EXPERIMENT DURING LAB EXAM - (PUT TICK)		YES		NO	
SIGNATURE OF THE EXAMINER IN FINAL LAB EXAM. WITH DATE					
Experiment No.		Experiment Date			
Experiment Name					

SOFTWARE TOOLS RUBRIC FOR STUDENTS

Criteria & Point Assigned	Acceptable	Considerable	Below Expectations	Unacceptable	Marks
	5	3	1	0	
Content					
Attendance in Lab	Attended in proper time.	Attended the Lab but half an hour late.	Attended the lab., but extreme late.	Absent.	
Capability of writing Programs with proper explanations	All programs are written precisely based on the algorithm/procedure, which have been written.	Some programs are written accurately.	Major errors in program writing.	Programs are not written.	
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Total Marks with Grade					
Marks Evaluation	Between 20 - 16 ---->O (5) Between 15 - 11 ---->E (4) Between 10 - 06 ---->A (2) Between 05 - 00 ---->B(0)				
Signature with Date					

BASIC COMPUTATION & PRINCIPLES OF COMPUTER PROGRAMMING

LAB. (CS - 291)RUBRIC FOR STUDENTS

<u>Experiment Name</u>	
------------------------	--

Criteria & Point Assigned	Acceptable	Considerable	Below Expectations	Unacceptable	Marks
Content	4	3	1	0	
Capability of writing Algorithm/Drawing Flow Chart	Most of algorithms or procedures are written clearly.	Some of algorithms or procedures are written undoubtedly.	Few of algorithms or procedures are written clearly.	No algorithms or procedures are written.	
Capability of writing Program	All programs are written precisely based on the question.	Some programs are written accurately.	Major errors in program writing.	Programs are not written/wrong program written.	
Result or Output	Represent all data appropriately. Finding of results are clear.	Partly outputs are found.	Major part of output not found.	Wrong output/no output found.	
Completion of target in Lab	100% target has been completed.	75% target has been completed.	50% target has been completed.	25% target has been completed.	
Attention to Lab Fair Copy	Proper Time i.e. in next day of lab., with proper documentation.	Submission of Lab Fair Copy in proper time but not with proper documentation.	Very poor presentation.	Late Submission.	

Total Marks with Grade				

Marks Evaluation	Between 20 - 16 ----> O Between 15 - 11 ----> E Between 10 - 06 ----> A Between 05 - 00 ----> B
------------------	--

Signature with Date	
---------------------	--

Experiment No.		Experiment Date	
Experiment Name			

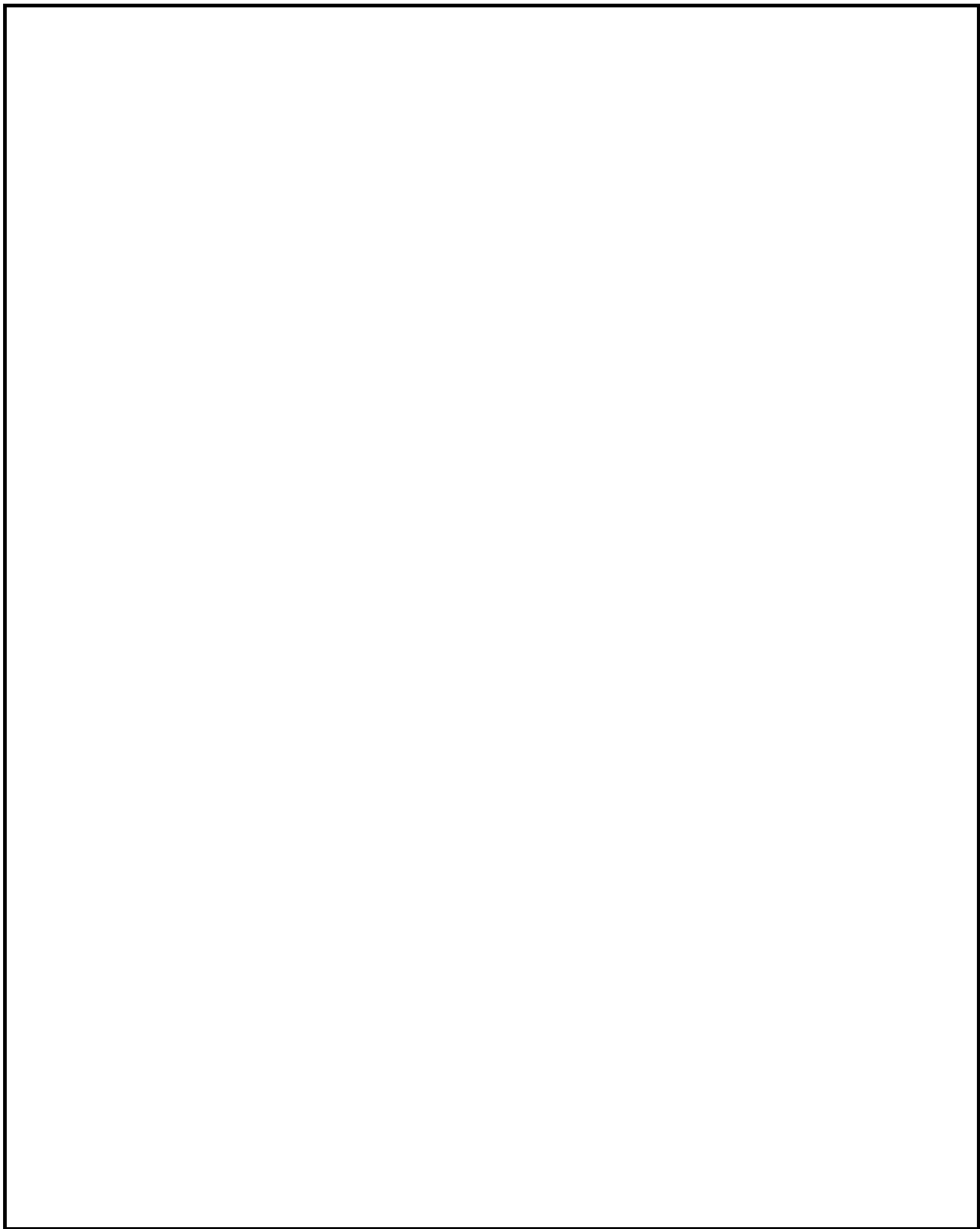
NETWORK LAB (PCC CS 692) ASSIGNMENT RUBRIC FOR STUDENT

Criteria & Point Assigned	Acceptable	Considerable	Below Expectations	Unacceptable	Marks
Content	4	3	1	0	
Attendance in Lab on the Day of Experiment with Rough Copy	Attended in proper time & day with Rough Copy.	Attended in proper time & day without Rough Copy.	Attended but came very late and with / without Rough Copy.	Absent.	
Experimental procedure	All steps/programs are completely correct and accurate.	Major steps/programs are completely correct and minor mistake.	Some major errors.	Wrong attempt.	
Result Analysis	Represent all data appropriately. Finding of results are clear.	Represent some data appropriately. Finding of results are clear.	Represent some data appropriately. Finding of results are unclear.	No result analysis.	
Submission of Lab Fair Copy	Proper Time i.e. in next day Lab.	Proper Time i.e. in next day Lab but without Index or Chanel File.	Submission of Lab Fair Copy in proper time for missed Lab Experiment.	Late Submission.	
Attention to Lab Copy	Marking Page No., Exp. Date, Exp. No. properly in every page.	Only Page No(s). is / are missing.	Page No(s). and Exp. Date(s) are missing in other pages after first Page of Lab Report.	Page No., Exp. Date, Exp. No. are not available on first Page of Lab Report and other pages also.	

Total Marks with Grade	

Marks Evaluation	Between 20 - 16 ----> Z (5)
	Between 15 - 11 ----> Y (4)
	Between 10 - 06 ----> X (2)
	Between 05 - 00 ----> W(0)

Signature of the Examiner with Date	
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Experiment No.		Experiment Date	
Experiment Name			

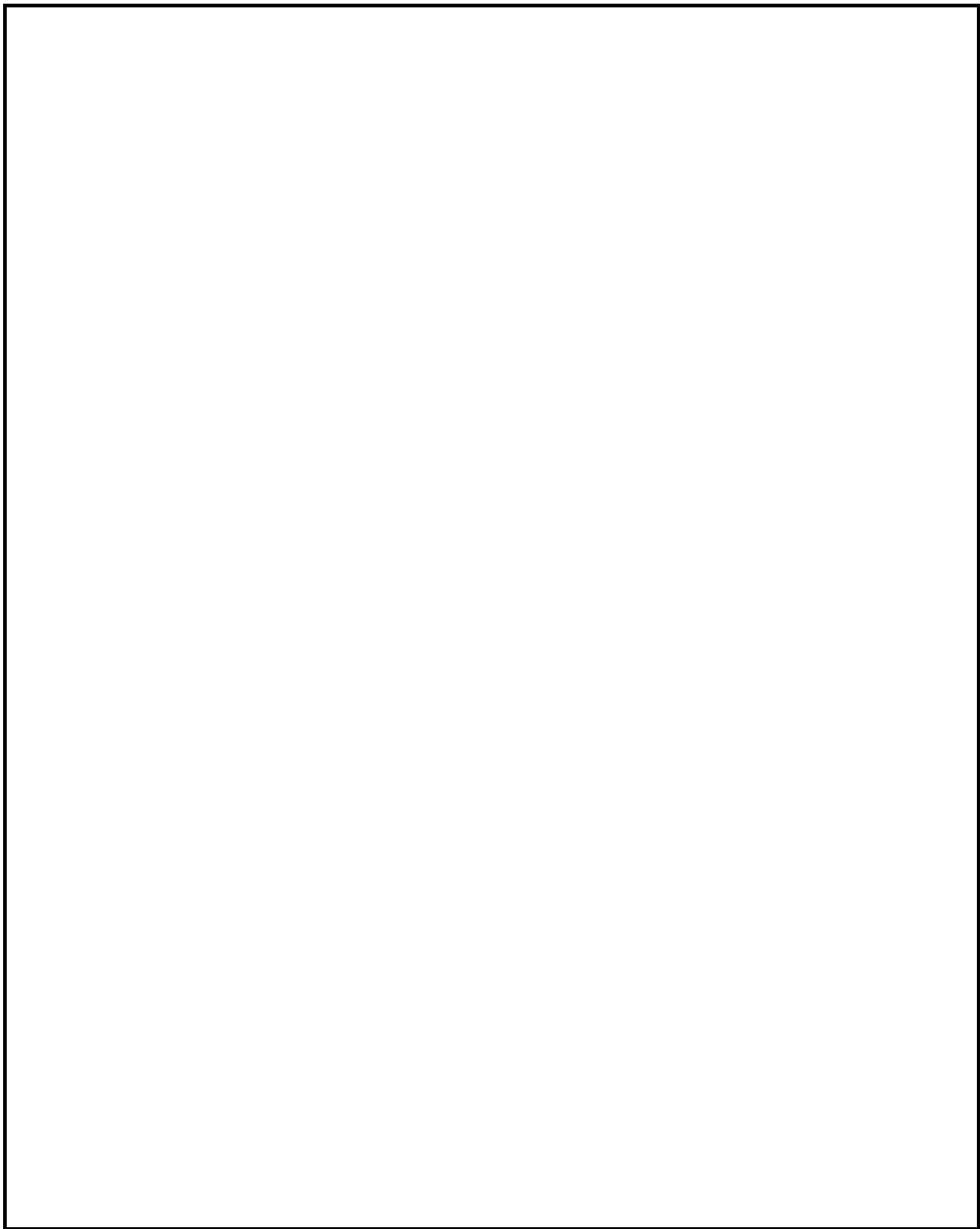
NETWORK LAB ASSIGNMENT RUBRIC FOR STUDENT

Criteria & Point Assigned	Acceptable	Considerable	Below Expectations	Unacceptable	Marks
Content	4	3	1	0	
Attendance in Lab on the Day of Experiment with Rough Copy	Attended in proper time & day with Rough Copy.	Attended in proper time & day without Rough Copy.	Attended but came very late and with / without Rough Copy.	Absent.	
Experimental procedure	All steps/programs are completely correct and accurate.	Major steps/programs are completely correct and minor mistake.	Some major errors.	Wrong attempt.	
Result Analysis	Represent all data appropriately. Finding of results are clear.	Represent some data appropriately. Finding of results are clear.	Represent some data appropriately. Finding of results are unclear.	No result analysis.	
Submission of Lab Fair Copy	Proper Time i.e. in next day Lab.	Proper Time i.e. in next day Lab but without Index or Chanel File.	Submission of Lab Fair Copy in proper time for missed Lab Experiment.	Late Submission.	
Attention to Lab Copy	Marking Page No., Exp. Date, Exp. No. properly in every page.	Only Page No(s). is / are missing.	Page No(s). and Exp. Date(s) are missing in other pages after first Page of Lab Report.	Page No., Exp. Date, Exp. No. are not available on first Page of Lab Report and other pages also.	

Total Marks with Grade				

Marks Evaluation	Between 20 - 16 ----> Z (5) Between 15 - 11 ----> Y (4) Between 10 - 06 ----> X (2) Between 05 - 00 ----> W(0)
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Signature of the Examiner with Date	
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SILIGURI INSTITUTE OF TECHNOLOGY

EVALUATION PROCEDURE FOR *CHEMISTRY LAB (BS-CH191/CH291)*

CATEGORIES		Excellent: 5	Very Good: 4	Good: 3	Fair: 2	Unsatisfactory: 1
Attendance		Punctual in the lab and experiment is completed within the specific time.	Late in the lab but experiment is completed within the specific time.	Late in the lab but experiment is not completed within the specific time.	Experiment is done in extra class due to absence on assigned days.	Experiment is not done in the extra class also.
Lab Technique	Lab performances	Demonstrates very good knowledge of both theory and experimental procedure.	Demonstrates good knowledge of both theory and experimental procedure.	Demonstrates average knowledge of both theory and experimental procedure.	Demonstrates poor idea of theory and experimental procedure.	Demonstrates reluctance of either theory or experimental procedure.
	Data accumulation	Measurements, skills or techniques are very good and accurate.	Measurements, skills or techniques are good and fairly accurate.	Measurements, skills or techniques are average and fairly accurate.	Measurements, skills or techniques are poor and inaccurate.	Measurements, skills or techniques are inadequate and inaccurate.
	Data analysis & Calculation	Data is clearly represented and step wise calculations are presented. If necessary, graph is plotted with proper labelling along with units.	Data is clearly represented but step wise necessary calculations are missing. If necessary, graph is plotted with proper labelling.	Data is clearly represented and step wise necessary calculations are missing. If necessary, graph is plotted without proper labelling.	Either data are incomplete or step wise calculations are missing or necessary graph is not correctly scaled and labeled.	Data, calculations and graph are incomplete.
	Interaction with Group	Excellent team work with proper attitude	Very good team work with proper attitude	Good team work with proper attitude	Minimum team work with lack of proper attitude	No team work and lack of proper attitude
Lab Report	Timely submission	Writing Fair Lab copy properly and submit before performing the next practical.	Writing fair Lab copy properly and late submission.	Writing fair Lab copy partially and submit before performing the next practical.	Writing fair Lab copy partially and late submission.	Incomplete Lab copy and irregular submission.
A STUDENT HAVE TO COMPLETE EIGHT EXPERIMENTS, EACH PRACTICAL WILL BE OUT OF 30 MARKS.						
EVALUATION PROCEDURE OF A STUDENT FOR CHEMISTRY LAB [BS CH-191/291] ON THE SCALE OF 40 [i.e (GRAND TOTAL / 240) *40]						

[illegible]

B.Tech. 1st Year, 2nd Sem, 2020
Basic Physics Laboratory (BS-PH-291) Evaluation Rubrics

A student has to complete ten experiments within the semester. In each week, student will be allowed to do only one experiment as per his/her allotment. This internal evaluation of Physics laboratory will be done in a total of 100 marks. The distribution and explanation of the marks are as follow:

Attendance: 5 Marks

The evaluation of attendance will be done at the end of the semester based on regularity and punctuality of the student.

Lab Technique:

The lab technique for each experiment in each week will be evaluated as per given rubrics.

Categories	Excellent =5	Good=4	Fair=3	Marginal =2	Unsatisfactory =1
Interaction with Group	Very good participation through shared participation and respect for others.	Good participation through shared participation and respect for others.	Somewhat participation appears interested but talks over team mates.	Minimal participation; Shows little interest.	No participation; sits on the sidelines with no interaction.
Laboratory Viva	Demonstrates good knowledge of both theory and experimental procedure.	Demonstrates good knowledge of either theory or experimental procedure.	Has a fair idea of both theory and experimental procedure?	Has some idea of experimental procedure.	Has no idea of the experiment at all.
Data Accumulation	Measurements, skills or techniques are good and accurate.	Measurements, skills or techniques are good.	Measurements, skills or techniques are somewhat inaccurate.	Demonstrate incompetence in measurements, skills or techniques.	Measurements, skills or techniques are incomplete and inaccurate.

Laboratory Report:

The lab report for each experiment in a week will be evaluated as per given rubrics.

Categories	Excellent =5	Good=4	Fair=3	Marginal =2	Unsatisfactory =1
Representation	The theory, apparatus, procedure is clearly stated along with proper sketch of the experimental setup.	Any three within theory, apparatus, procedure and proper sketch of the experimental setup is present.	Any two within theory, apparatus, procedure and proper sketch of the experimental setup is present.	Any three within theory, apparatus, procedure and proper sketch of the experimental setup is present and incomplete.	Any two within theory, apparatus, procedure and proper sketch of the experimental setup is present and incomplete.
Data Analysis and Calculation	Data is clearly represented and step wise necessary calculations are presented. If necessary, graph is plotted with proper labeling along with units.	Data is clearly represented but step wise necessary calculations are missing. If necessary, graph is plotted with proper labeling along with units.	Data is clearly represented and step wise necessary calculations are presented. If necessary, graph is plotted with proper labeling but units are missing.	Either data are incomplete or step wise calculations are missing or necessary graph is not correctly scaled and labeled.	Data, calculation and graph are incomplete.
Results and discussion	Include error calculation (accuracy of results) and a clear discussion of the results.	Error calculation is grossly inaccurate but a clear discussion of the results is present.	Either error calculation or discussion of the results is missing.	Error calculation is grossly inaccurate or discussion of the results is missing.	Neither error calculation nor discussion of the results is included.
Timely Submission	Gets the completed note book with proper index corrected before performing the next practical	Gets the completed note book without proper index corrected before performing the next practical.	Gets the completed note book with proper index corrected within two weeks from the performance of the experiment.	More or less meets the deadline.	Irregular

- Thus total evaluating marks is 350 for ten experiments.

- The final evaluation of lab technique will be done in 95 marks.

B.Tech. 1st Year, 2nd Sem, 2020
Basic Physics Laboratory (BS-PH-291) Evaluation Record Sheet

Name of the Student :

Stream:

Roll No. :

Sub-Group:

Categories		Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10
		Exp. Name	Exp. Name	Exp. Name	Exp. Name	Exp. Name	Exp. Name	Exp. Name	Exp. Name	Exp. Name	Exp. Name
		Date:	Date:	Date:	Date:	Date:	Date:	Date:	Date:	Date:	Date:
		Total Marks: 35	Total Marks: 35	Total Marks: 35	Total Marks: 35	Total Marks: 35	Total Marks: 35	Total Marks: 35	Total Marks: 35	Total Marks: 35	Total Marks: 35
L a b T e c h n i q u e	Interaction with Group										
	Laboratory Viva										
	Data Accumulation										
L a b R e p o r t	Representation										
	Data Analysis and Calculation										
	Results and discussion										
	Timely Submission										
Marks obtained in each week		=	=	=	=	=	=	=	=	=	=
Total Marks (m) Out of 350		=									

- Total marks obtained in laboratory class (out of 95), $A = \frac{\text{..... } (m)}{350} \times 95 =$
- Marks obtained in attendance (out of 5), $B =$
- Total Internal marks obtained including attendance (out of 100) , $(A+B) = \frac{\quad}{100}$

Signature of Faculty

Language Laboratory (HM-HU291)
Assessment Sheet (CSE A- 2nd semester 2019)
Assessment I: Business Card Presentation

Course objective: The students will be able to communicate confidently and competently in English Language in all spheres.

Course outcome:

Course Outcome	
HU291.1	Develop listening, reading and writing skills for better comprehension ability. (BT PS6)
HU291.2	Coordinate in a group on contemporary topics to enhance speaking ability and presentation skills (BT PS5)
HU291.3	Build vocabulary to enhance speaking and writing skills (BT PS6)
HU291.4	Demonstrate proper body language while expressing one's ideas or opinions (BT PS5)
HU291.5	Interpret their views in English so as to overcome stage fear and build self confidence (BT PS4)

Rationale: Since the course objective and course outcome emphasis on what students can do rubrics is used as a tool of formative assessment. **Formative Assessment** is a tool used to gauge student performance. While generally speaking multiple-choice tests and other objective measures indicate what students know, formative assessments generally indicate what students can do and are generally administered during the semester to help **FORM** instruction. A rubric is a handy tool for the teacher to measure student performance and their progress. There are different level appropriate rubrics used to measure student performance such as speaking rubric, team presentation rubric, informal observation rubrics etc. but for Assessment I (Self Introduction) of this course speaking rubric is used.

Scoring Rubric: PI indicates Performance indicator and the performance is scaled in an ascending order according to their performances (from high to low where 4 denotes Always, 3 denotes Often, 2 denotes Sometimes and 1 denotes Rarely)

Category (PI)		Scale (From high to low)			
		4	3	2	1
PI 1	Quality of the card (CO1)	Always interprets clearly about him/her	Often interprets clearly about him/her	Sometimes clarity missing in interpreting about him/her	Most of the time clarity is missing in interpreting about him/her
PI 2	Articulation (CO3,CO4,CO5)	Always Expresses clearly about him/her	Often expresses clearly about him/her	Sometimes clarity missing in expressing about him/her	Most of the time clarity is missing in expressing about him/her
PI 3	Confidence (CO4,CO5)	Always confident while communicating	Often confident while communicating	Sometimes confident while communicating	Nervous while communicating
PI 3	Body language (CO4)	Always Reflects proper gesture, posture and eye contact while addressing the group	Often Reflects proper gesture, posture and eye contact while addressing the group	Sometimes Reflects proper gesture, posture and eye contact while addressing the group	Nervous and shivers while addressing the group

Instruction: Students are asked to make a **business card** of theirs and present and express themselves in 90 to 120 seconds. They have to follow a specific questions sequence given to them.

The question sequences are as follows:

1. Name, Company and Designation
2. Give a brief introduction on the company they wish to make their dream career.
3. Describe the entry level profile of their dream company.
4. Mention a few exciting things about the job profile.

Assessment II: Public speaking (How to introduce an eminent person)

Date:

Course objective: The students will be able to communicate confidently and competently in English Language in all spheres.**Course outcome:**

Course Outcome	
HU291.1	Develop listening, reading and writing skills for better comprehension ability. (BT PS6)
HU291.2	Coordinate in a group on contemporary topics to enhance speaking ability and presentation skills (BT PS5)
HU291.3	Build vocabulary to enhance speaking and writing skills (BT PS6)
HU291.4	Demonstrate proper body language while expressing one's ideas or opinions (BT PS5)
HU291.5	Interpret their views in English so as to overcome stage fear and build self confidence (BT PS4)

Rationale: Since the course objective and course outcome emphasis on what students can do rubrics is used as a tool of formative assessment. **Formative Assessment** is a tool used to gauge student performance. While generally speaking multiple-choice tests and other objective measures indicate what students know, formative assessments generally indicate what students can do and are generally administered during the semester to help **FORM** instruction. A rubric is a handy tool for the teacher to measure student performance and their progress. There are different level appropriate rubrics used to measure student performance such as speaking rubric, team presentation rubric, informal observation rubrics etc. but for Assessment II (Company profile presentation) of this course group presentation rubric is used.

presentation Rubric

PI indicates Performance indicator and the performance is scaled in an ascending order according to their performances (from high to low where 4 denotes Always, 3 denotes Often, 2 denotes Sometimes and 1 denotes Rarely)

Category (PI)		Scale (From high to low)			
		4	3	2	1
PI 1	Subject matter (C01,C04, C05)	Always uses correct grammar and pronunciation is adequate for understanding.	Often uses correct grammar and pronunciation is adequate for understanding.	Sometimes uses correct grammar and pronunciation is adequate for understanding.	Rarely uses correct grammar and pronunciation is adequate for understanding.
PI 2	Presentation skills (C02,C04, C05)	The team as a whole doesn't read presentation at all and makes eye contact.	The team as a whole doesn't read presentation too much and makes adequate eye contact.	The team as a whole mostly read presentation and makes little eye contact.	The team as a whole reads presentation the entire time and makes no eye contact.
PI 3	Team Participation (C02,C04,C05)	All members of the team say something meaningful and on topic.	Most members of the team say something meaningful and on topic.	Some members of the team say something meaningful and on topic.	Only one member of the team speaks
PI 4	Volume (C05)	All students (the audience) can hear all the time	All students (the audience) can hear 75% of the time or more	All students (the audience) can hear 50% of the time or more	All students (the audience) can't often hear the speakers
PI 5	Time management (C02)	Presentation as a whole is of appropriate length as indicated by the teacher.	Presentation as a whole is a bit long or short in length as indicated by the teacher.	Presentation as a whole is considerably too long in length as indicated by the teacher.	Presentation as a whole is considerably too short in length as indicated by the teacher.

Instruction: Students are formed in groups of 6-8 and each group is assigned a script of Mr. Karshan Bhai Patel an eminent entrepreneur and they have to prepare a brief profile of him (profile includes his childhood, family background, school life, higher education, struggles, achievements, hobbies, advise to the engineers who want to be entrepreneurs etc.) and introduce him as the chief guest of their college function. Each member will distribute the profile and present. Time limit for each group is 20 minutes.

Language Laboratory (HM-HU291)
Assessment Sheet (CSE A- 2nd semester 2019)

Assessment III: Preparing and presenting a resume of an eminent and successful person

Date:

Course objective: The students will be able to communicate confidently and competently in English Language in all spheres.

Course outcome:

Course Outcome	
HU291.1	Develop listening, reading and writing skills for better comprehension ability. (BT PS6)
HU291.2	Coordinate in a group on contemporary topics to enhance speaking ability and presentation skills (BT PS5)
HU291.3	Build vocabulary to enhance speaking and writing skills (BT PS6)
HU291.4	Demonstrate proper body language while expressing one's ideas or opinions (BT PS5)
HU291.5	Interpret their views in English so as to overcome stage fear and build self confidence (BT PS4)

Rationale: Since the course objective and course outcome emphasis on what students can do rubrics is used as a tool of formative assessment. **Formative Assessment** is a tool used to gauge student performance. While generally speaking multiple-choice tests and other objective measures indicate what students know, formative assessments generally indicate what students can do and are generally administered during the semester to help **FORM** instruction. A rubric is a handy tool for the teacher to measure student performance and their progress. There are different level appropriate rubrics used to measure student performance such as speaking rubric, team presentation rubric, informal observation rubrics etc. but for Assessment II (Company profile presentation) of this course group presentation rubric is used.

Group presentation Rubric

PI indicates Performance indicator and the performance is scaled in an ascending order according to their performances (from high to low where 4 denotes Always, 3 denotes Often, 2 denotes Sometimes and 1 denotes Rarely)

Category (PI)		Scale (From high to low)			
		4	3	2	1
PI 1	Subject matter (C01,C03,C04, C05)	Always uses correct grammar and pronunciation is adequate for understanding.	Often uses correct grammar and pronunciation is adequate for understanding.	Sometimes uses correct grammar and pronunciation is adequate for understanding.	Rarely uses correct grammar and pronunciation is adequate for understanding.
PI 2	Presentation skills (C02,C04, C05)	The team as a whole doesn't read presentation at all and makes eye contact.	The team as a whole doesn't read presentation too much and makes adequate eye contact.	The team as a whole mostly read presentation and makes little eye contact.	The team as a whole reads presentation the entire time and makes no eye contact.
PI 3	Team Participation (C02,C04,C05)	All members of the team say something meaningful and on topic.	Most members of the team say something meaningful and on topic.	Some members of the team say something meaningful and on topic.	Only one member of the team speaks

Instruction: Students are formed in groups of 6-8 and each group is assigned to prepare and present a resume of an eminent and successful person in their respective fields like Steve Jobs, Karshan Bhai Patel, Sundar Pichai etc. and they have to present it in a group. Each member will distribute the different contents/ subjects of the resume and present. Time limit for each group is 20 minutes.

Language Laboratory (HM-HU291)
Assessment Sheet (CSE A- 2nd semester 2019)
Assessment IV: Company Profile presentation

Date:

Course objective: The students will be able to communicate confidently and competently in English Language in all spheres.

Course outcome:

Course Outcome	
HU291.1	Develop listening, reading and writing skills for better comprehension ability. (BT PS6)
HU291.2	Coordinate in a group on contemporary topics to enhance speaking ability and presentation skills (BT PS5)
HU291.3	Build vocabulary to enhance speaking and writing skills (BT PS6)
HU291.4	Demonstrate proper body language while expressing one's ideas or opinions (BT PS5)
HU291.5	Interpret their views in English so as to overcome stage fear and build self confidence (BT PS4)

Rationale: Since the course objective and course outcome emphasis on what students can do rubrics is used as a tool of formative assessment. **Formative Assessment** is a tool used to gauge student performance. While generally speaking multiple-choice tests and other objective measures indicate what students know, formative assessments generally indicate what students can do and are generally administered during the semester to help **FORM** instruction. A rubric is a handy tool for the teacher to measure student performance and their progress. There are different level appropriate rubrics used to measure student performance such as speaking rubric, team presentation rubric, informal observation rubrics etc. but for Assessment II (Company profile presentation) of this course group presentation rubric is used.

Group presentation Rubric

PI indicates Performance indicator and the performance is scaled in an ascending order according to their performances (from high to low where 4 denotes Always, 3 denotes Often, 2 denotes Sometimes and 1 denotes Rarely)

Category (PI)		Scale (From high to low)			
		4	3	2	1
PI 1	Subject matter (C01,C04, C05)	Always uses correct grammar and pronunciation is adequate for understanding.	Often uses correct grammar and pronunciation is adequate for understanding.	Sometimes uses correct grammar and pronunciation is adequate for understanding.	Rarely uses correct grammar and pronunciation is adequate for understanding.
PI 2	Presentation skills (C02,C04, C05)	The team as a whole doesn't read presentation at all and makes eye contact.	The team as a whole doesn't read presentation too much and makes adequate eye contact.	The team as a whole mostly read presentation and makes little eye contact.	The team as a whole reads presentation the entire time and makes no eye contact.
PI 3	Team Participation (C02,C04,C05)	All members of the team say something meaningful and on topic.	Most members of the team say something meaningful and on topic.	Some members of the team say something meaningful and on topic.	Only one member of the team speaks
PI 4	Volume (C05)	All students (the audience) can hear all the time	All students (the audience) can hear 75% of the time or more	All students (the audience) can hear 50% of the time or more	All students (the audience) can't often hear the speakers
PI 5	Time management (C02)	Presentation as a whole is of appropriate length as indicated by the teacher.	Presentation as a whole is a bit long or short in length as indicated by the teacher.	Presentation as a whole is considerably too long in length as indicated by the teacher.	Presentation as a whole is considerably too short in length as indicated by the teacher.

Instruction: Students are formed in groups of 10-12 and each group is assigned a specific company like Ericsson, IBM, Intel, Inatech, Jtimetrik and ThoughtWorks. Each group has to prepare 6-8 ppt. slides on assigned company's history, achievements or milestones, hierarchy, products and services, recruitment process and conclusion. Each member will present at least 1 slide. Time limit for each group is 20 minutes.

Language Laboratory (HM-HU291)
Assessment Sheet (CSE A- 2nd semester 2019)
Assessment V: Mock Group Discussion

Date:

Course objective: The students will be able to communicate confidently and competently in English Language in all spheres.

Course outcome:

Course Outcome	
HU291.1	Develop listening, reading and writing skills for better comprehension ability. (BT PS6)
HU291.2	Coordinate in a group on contemporary topics to enhance speaking ability and presentation skills (BT PS5)
HU291.3	Build vocabulary to enhance speaking and writing skills (BT PS6)
HU291.4	Demonstrate proper body language while expressing one's ideas or opinions (BT PS5)
HU291.5	Interpret their views in English so as to overcome stage fear and build self confidence (BT PS4)

Rationale: Since the course objective and course outcome emphasis on what students can do rubrics is used as a tool of formative assessment. **Formative Assessment** is a tool used to gauge student performance. While generally speaking multiple-choice tests and other objective measures indicate what students know, formative assessments generally indicate what students can do and are generally administered during the semester to help **FORM** instruction. A rubric is a handy tool for the teacher to measure student performance and their progress. There are different level appropriate rubrics used to measure student performance such as speaking rubric, team presentation rubric, informal observation rubrics etc. but for Assessment II (Company profile presentation) of this course group presentation rubric is used.

Mock Group Discussion Rubric

PI indicates Performance indicator and the performance is scaled in an ascending order according to their performances (from high to low where 4 denotes Always, 3 denotes Often, 2 denotes Sometimes and 1 denotes Rarely)

Category (PI)		Scale (From high to low)			
		4	3	2	1
PI 1	Initiation (C02, C03, C04)	Always initiates and takes lead in a meaningful way	Often initiates and takes lead in a meaningful way	Sometimes initiates and takes lead in a meaningful way	Rarely initiates and takes lead
PI 2	Participation (C04)	Always participates enthusiastically in a group	Often participates enthusiastically in a group	Sometimes participates enthusiastically in a group	Rarely participates enthusiastically in a group
PI 3	Relevance of responses (C01, C02, C03, C04, C05)	Always gives an appropriate response	Often gives an appropriate response	Sometimes gives an appropriate response	Rarely gives an appropriate response
PI 4	Team spirit (C02)	Always coordinates and listens to others viewpoint	Often coordinates and listens to others viewpoint	Sometimes coordinates and listens to others viewpoint	Doesn't coordinate and listens to others viewpoint
PI 5	Body language (C04)	Always reflects proper gesture, posture and eye contact while addressing the group	Often Reflects proper gesture, posture and eye contact while addressing the group	Sometimes Reflects proper gesture, posture and eye contact while addressing the group	Rarely Reflects proper gesture, posture and eye contact while addressing the group

Instruction: Students are instructed to come prepare on the following topics for discussion –

1. Cell phones: a nuisance or a convenience?
2. Arranged marriage or love marriage?
3. India cannot afford an extravaganza like Olympics
4. Multinational companies: Are they devils in disguise?
5. Internet: a bane or a boon?
6. Digital India: Is it an answer to good governance?

SILIGURI INSTITUTE OF TECHNOLOGY

EVALUATION PROCEDURE FOR WORKSHOP PRACTICE(ES-ME192/292)

CATEGORIES	SUB-CATEGORIES	Excellent: 5	Very Good: 4	Good: 3	Satisfactory: 2	Not Satisfactory: 1
LAB RECORDS	ATTENDANCE	Punctual and lab experiment is completed within the specific days.	Late or partial completion of the lab experiment within the specific days.	Late or partial completion of the lab experiment but not within the specific days.	Experiment is done in extra class due to absence on assigned days but completed within the specific days	Experiment is done in extra class due to absence on assigned days but not completed in specific days.
	LAB COPY	The Lab copy contains proper objective , proper sketch of the experimental setup, procedure clearly described with clear experimental results if required	The Lab copy contains proper objective , proper sketch of the experimental setup, procedure clearly described but without clear experimental results if required	The Lab copy contains proper objective , proper sketch of the experimental setup, but without procedure described & without clear experimental results if required	The Lab copy contains proper objective , improper sketch of the experimental setup, without procedure described & without clear experimental results if required	Poor Lab Copy containing improper details about topics & Irrelevant contents.
LAB ASSIGNMENTS	PROCEDURE KNOWLEDGE	Demonstrates excellent knowledge of lab procedures.	Demonstrates very good knowledge of lab procedures.	Demonstrates good knowledge of lab procedures.	Has partial idea about the procedure to be followed.	Has no idea about the procedure to be followed
	INTERACTION WITH GROUP MEMBERS	Very good participation through shared participation and respect for others.	Very good participation through shared participation and respect for others	Good participation through shared participation and respect for others	Minimal participation; Shows little interest.	No participation; sits on the sidelines with no interaction.
EXPERIMENTAL RESULT	ACCURACY	Exceptionally good with accurate completion of given assignments	Assignments completed with very good accuracy	Assignments completed with fairly good accuracy	Assignments completed with accuracy which meets satisfaction.	Assignments completed with Poor accuracy .
INTERNAL VIVA	OVERALL KNOWLEDGE GATHERED ABOUT THE TOPIC	Exceptional performance with more than 70% of the questions answered correctly	Very good performance with less than 70% but more than 60% of the questions answered correctly	Good performance with less than 60% but more than 50% of the questions answered correctly	Satisfactory performance with less than 50% but more than 40% of the questions answered correctly	Poor Performance with less than 40% of questions answered correctly
A STUDENT HAVE TO COMPLETE FIVE EXPERIMENTS, EACH PRACTICAL WILL BE OUT OF 30 MARKS,						
EVALUATION PROCEDURE OF A STUDENT FOR WORKSHOP PRACTICE [ME-192/292] ON THE SCALE OF 40 [i.e (GRAND TOTAL / 180) *100						

SILIGURI INSTITUTE OF TECHNOLOGY
EVALUATION PROCEDURE FOR WORKSHOP PRACTICE(ES-ME192/292)

Student Name:		Student Roll No:		Sem:		Year:	
CATEGORIES	SUB-CATEGORIES						
		CO: 1	CO: 2	CO: 3	CO: 4	CO: 5	
LAB RECORDS	LAB ATTENDANCE (5)						
	LAB COPY (5)						
LAB ASSIGNMENTS	PROCEDURE KNOWLEDGE (5)						
	INTERACTION WITH GROUP MEMBERS (5)						
EXPERIMENTAL RESULT	ACCURACY (5)						
INTERNAL VIVA	OVERALL KNOWLEDGE GATHERED ABOUT THE TOPIC (5)						
REMARKS:							
SIGNATURE OF FACULTY WITH DATE:							
SIGNATURE OF TECHNICAL ASSISTANTS / LAB INSTRUCTOR WITH DATE:							

SILIGURI INSTITUTE OF TECHNOLOGY

EVALUATION PROCEDURE FOR ENGINEERING DRAWING & COMPUTER GRAPHICS(ME-191/ME-291)

CATEGORIES	SUB-CATEGORIES	Excellent: 5	Very Good: 4	Good: 3	Satisfactory: 2	Not Satisfactory: 1
LAB RECORDS	ATTENDANCE	Punctual and lab experiment is completed within the specific days.	Late or partial completion of the lab experiment within the specific days.	Late or partial completion of the lab experiment but not within the specific days.	Experiment is done in extra class due to absence on assigned days but completed within the specific days	Experiment is done in extra class due to absence on assigned days but not completed in specific days.
	LAB SHEET	Lab sheet is submitted within specific days with excellent presentation.	Lab sheet is submitted within specific days with very good presentation.	Lab sheet is submitted within specific days with fairly good presentation.	Lab sheet is not submitted within specific days but when submitted later it was found with very good presentation.	Lab sheet is not submitted within specific days and when submitted later it was found not satisfactory.
LAB ASSIGNMENTS	PROCEDURE KNOWLEDGE	Demonstrates excellent knowledge of lab procedures.	Demonstrates very good knowledge of lab procedures.	Demonstrates good knowledge of lab procedures.	Has partial idea about the procedure to be followed.	Has no idea about the procedure to be followed
	TECHNIQUE	The technique followed by the student is Excellent	The technique followed by the student is very good	The technique followed by the student is good	The technique followed by the student is Satisfactory	The technique followed by the student is not satisfactory
EXPERIMENTAL RESULT	ACCURACY	Exceptionally good with accurate completion of given assignments	Assignments completed with very good accuracy	Assignments completed with fairly good accuracy	Assignments completed with accuracy which meets satisfaction.	Assignments completed with Poor accuracy .
INTERNAL VIVA	OVERALL KNOWLEDGE GATHERED ABOUT THE TOPIC	Exceptional performance with more than 70% of the questions answered correctly	Very good performance with less than 70% but more than 60% of the questions answered correctly	Good performance with less than 60% but more than 50% of the questions answered correctly	Satisfactory performance with less than 50% but more than 40% of the questions answered correctly	Poor Performance with less than 40% of questions answered correctly
A STUDENT HAVE TO COMPLETE FIVE EXPERIMENTS, EACH PRACTICAL WILL BE OUT OF 30 MARKS,						
EVALUATION PROCEDURE OF A STUDENT FOR ENGINEERING DRAWING & COMPUTER GRAPHICS[ME-191/291] ON THE SCALE OF 40 [i.e (GRAND TOTAL / 150) *40]						

SILIGURI INSTITUTE OF TECHNOLOGY
EVALUATION PROCEDURE FOR ENGINEERING DRAWING & COMPUTER GRAPHICS(ME-191/ME-291)

Student Name:		Student Roll No:		Sem:		Year:	
CATEGORIES	SUB-CATEGORIES						
		CO: 1	CO: 2	CO: 3	CO: 4	CO: 5	
LAB RECORDS	ATTENDANCE						
	LAB SHEET						
LAB ASSIGNMENTS	PROCEDURE KNOWLEDGE						
	TECHNIQUE						
EXPERIMENTAL RESULT	ACCURACY						
INTERNAL VIVA	OVERALL KNOWLEDGE GATHERED ABOUT THE TOPIC						
REMARKS:							
SIGNATURE OF FACULTY WITH DATE:							
SIGNATURE OF TECHNICAL ASSISTANTS / LAB INSTRUCTOR WITH DATE:							

EVALUATION CRITERION →		ATTENDANCE	LAB SHEET	PROCEDURE KNOWLEDGE	TECHNIQUE	OVERALL KNOWLEDGE GATHERED ABOUT THE TOPIC (VIVA)	DETAILS OF ASSIGNMENT	SIGNATURE & DATE (Teacher in charge)
CO1	Assignment:1 (Date:)							
	Assignment:2 (Date:)							
	Assignment:3 (Date:)							
	Assignment:4 (Date:)							
	Assignment:5 (Date:)							
	TOTAL							
	TOTAL (SCALE OF 5)							
CO2	Assignment:1 (Date:)							
	Assignment:2 (Date:)							
	Assignment:3 (Date:)							
	Assignment:4 (Date:)							
	Assignment:6 (Date:)							
	Assignment:7 (Date:)							
	Assignment:8 (Date:)							
	Assignment:9 (Date:)							
	Assignment:10 (Date:)							
	TOTAL							
	TOTAL (SCALE OF 5)							

CO3	Assignment:1 (Date:)							
	Assignment:2 (Date:)							
	Assignment:3 (Date:)							
	Assignment:4 (Date:)							
	Assignment:5 (Date:)							
	TOTAL							
	TOTAL (SCALE OF 5)							
CO4	Assignment:1 (Date:)							
	Assignment:2 (Date:)							
	Assignment:3 (Date:)							
	Assignment:4 (Date:)							
	Assignment:5 (Date:)							
	TOTAL							
	TOTAL (SCALE OF 5)							

*FOR ASSIGNMENTS EACH FIELD WILL CARRY TOTAL MARKS OF 5

*AT THE END OF SEMESTER THE TOTAL OF EACH INDIVIDUAL EVALUATION CRITERION HAS TO BE MADE FOR INDIVIDUAL CO AND SCALE IT ON 5

*AFTER SCALING IT ON 5 THE RESPECTIVE MARKS HAS TO BE PUT ON SHEET2 OF THE RUBRICS FOR Cos

SILIGURI INSTITUTE OF TECHNOLOGY
EVALUATION PROCEDURE FOR ENGINEERING GRAPHICS & DESIGN(ES-ME191/ES-ME291)

Student Name:		Student Roll No:		Sem:	Year:
CATEGORIES	SUB-CATEGORIES				
		CO: 1	CO: 2	CO: 3	CO: 4
LAB RECORDS	ATTENDANCE				
	LAB SHEET				
LAB ASSIGNMENTS	PROCEDURE KNOWLEDGE				
	TECHNIQUE				
INTERNAL VIVA	OVERALL KNOWLEDGE GATHERED ABOUT THE TOPIC				
REMARKS:					
SIGNATURE OF FACULTY WITH DATE:					
SIGNATURE OF TECHNICAL ASSISTANTS / LAB INSTRUCTOR WITH DATE:					


SILIGURI INSTITUTE OF TECHNOLOGY

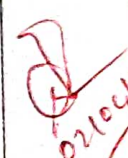
EVALUATION PROCEDURE FOR ENGINEERING GRAPHICS & DESIGN(ES-ME191/ES-ME291)

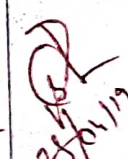
CATEGORIES	SUB-CATEGORIES	Excellent: 5	Very Good: 4	Good: 3	Satisfactory: 2	Not Satisfactory: 1
LAB RECORDS	ATTENDANCE	Punctual and lab experiment is completed within the specific days.	Late or partial completion of the lab experiment within the specific days.	Late or partial completion of the lab experiment but not within the specific days.	Experiment is done in extra class due to absence on assigned days but completed within the specific days	Experiment is done in extra class due to absence on assigned days but not completed in specific days.
	LAB SHEET	Lab sheet is submitted within specific days with excellent presentation.	Lab sheet is submitted within specific days with very good presentation.	Lab sheet is submitted within specific days with fairly good presentation.	Lab sheet is not submitted within specific days but when submitted later it was found with very good presentation.	Lab sheet is not submitted within specific days and when submitted later it was found not satisfactory.
LAB ASSIGNMENTS	PROCEDURE KNOWLEDGE	Demonstrates excellent knowledge of lab procedures.	Demonstrates very good knowledge of lab procedures.	Demonstrates good knowledge of lab procedures.	Has partial idea about the procedure to be followed.	Has no idea about the procedure to be followed
	TECHNIQUE	The technique followed by the student is Excellent	The technique followed by the student is very good	The technique followed by the student is good	The technique followed by the student is Satisfactory	The technique followed by the student is not satisfactory
INTERNAL VIVA	OVERALL KNOWLEDGE GATHERED ABOUT THE TOPIC	Exceptional performance with more than 70% of the questions answered correctly	Very good performance with less than 70% but more than 60% of the questions answered correctly	Good performance with less than 60% but more than 50% of the questions answered correctly	Satisfactory performance with less than 50% but more than 40% of the questions answered correctly	Poor Performance with less than 40% of questions answered correctly

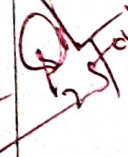
SILIGURHI INSTITUTE OF TECHNOLOGY
Department of Electronics & Communication Engineering


Name of the Paper: D. COM	Paper code: EE 691
Name of the student: UTSA GHOSH.	Branch:
	Roll no: 10

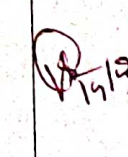
Experiment Name/No.	Objective/Criteria	Quality/Score (total evaluation marks - 100)				Marks	Total marks	Signature of teacher with date
1	Theoretical concept (25)	Excellent(25-20)	Good(19-14)	Fair(13-7)	Poor(6-0)	22	88	 25/4/19
	Experiment conduct(25)	Excellent(25-20)	Good(19-14)	Fair(13-6)	Poor(5-0)	20		
	Team work(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	10		
	Lab report(20)	Excellent(20-15)	Good(14-10)	Fair(9-6)	Poor(5-0)	16		
	Experimental setup & safety (10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	10		
Date: 3/1/19	Discipline(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	10		

2	Theoretical concept (25)	Excellent(25-20)	Good(19-14)	Fair(13-7)	Poor(6-0)	20	87	 02/04/19
	Experiment conduct(25)	Excellent(25-20)	Good(19-14)	Fair(13-6)	Poor(5-0)	20		
	Team work(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	10		
	Lab report(20)	Excellent(20-15)	Good(14-10)	Fair(9-6)	Poor(5-0)	17		
	Experimental setup & safety (10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	10		
Date: 28/2/19	Discipline(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	10		

3	Theoretical concept (25)	Excellent(25-20)	Good(19-14)	Fair(13-7)	Poor(6-0)	20	87	 25/4/19
	Experiment conduct(25)	Excellent(25-20)	Good(19-14)	Fair(13-6)	Poor(5-0)	20		
	Team work(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	10		
	Lab report(20)	Excellent(20-15)	Good(14-10)	Fair(9-6)	Poor(5-0)	17		
	Experimental setup & safety (10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	10		
Date: 2/4/19	Discipline(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	10		

4	Theoretical concept (25)	Excellent(25-20)	Good(19-14)	Fair(13-7)	Poor(6-0)	20	87	 25/4/19
	Experiment conduct(25)	Excellent(25-20)	Good(19-14)	Fair(13-6)	Poor(5-0)	20		
	Team work(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	10		
	Lab report(20)	Excellent(20-15)	Good(14-10)	Fair(9-6)	Poor(5-0)	17		
	Experimental setup & safety (10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	10		
Date: 11/4/19	Discipline(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	10		

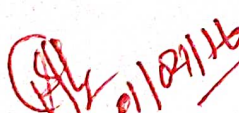
5	Theoretical concept (25)	Excellent(25-20)	Good(19-14)	Fair(13-7)	Poor(6-0)	21	90	 19/4/19
	Experiment conduct(25)	Excellent(25-20)	Good(19-14)	Fair(13-6)	Poor(5-0)	21		
	Team work(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	10		
	Lab report(20)	Excellent(20-15)	Good(14-10)	Fair(9-6)	Poor(5-0)	18		
	Experimental setup & safety (10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	16		
Date: 25/4/19	Discipline(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	10		

6	Theoretical concept (25)	Excellent(25-20)	Good(19-14)	Fair(13-7)	Poor(6-0)	21	90	 19/4/19
	Experiment conduct(25)	Excellent(25-20)	Good(19-14)	Fair(13-6)	Poor(5-0)	21		
	Team work(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	10		
	Lab report(20)	Excellent(20-15)	Good(14-10)	Fair(9-6)	Poor(5-0)	18		
	Experimental setup & safety (10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	10		
Date: 2/5/19	Discipline(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	10		

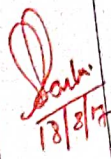
SILIGURI INSTITUTE OF TECHNOLOGY

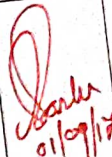
Name of Department:	ECE	Name of Subject with code:	
Name of Student:	Astika De	Roll No	11900313040
Name of Experiment:	To Design 15 Bit PN Sequence using shift register.		

Objective:

Objective/Criteria	Quality/Score(Total Evaluation Marks =40)				Marks
Understanding of theoretical Concept of Experiment (10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	9
Experiment Conduct (10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	10
Team Work(4)	Excellent(4)	Good(3)	Fair(2)	Poor(1-0)	4
Lab report (8)	Excellent(8-7)	Good(6-5)	Fair(4-3)	Poor(2-0)	6
Experimental Setup and Cleanliness + Safety (4)	Excellent(4)	Good(3)	Fair(2)	Poor(1-0)	4
Discipline(4)	Excellent(4)	Good(3)	Fair(2)	Poor(1-0)	4
Total Marks					38
Mark Evaluation					40
Comments:					
Signature of Teacher with Date					


Name of the Paper: ANALOG COMMUNICATION	Paper code:
Name of the student: SURUPA CHHOSE	Roll no: 11900315055

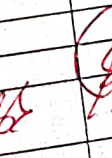
Experiment no.	Objective/Criteria	Quality/Score (total evaluation marks = 40)				Marks	Total marks	Signature of teacher with remarks
1	Theoretical concept (10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	7	32	 13/8/17
	Experiment conduct(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	7		
	Team work(4)	Excellent(4)	Good(3)	Fair(2)	Poor(1-0)	4		
	Lab report(8)	Excellent(8-7)	Good(6-5)	Fair(4-3)	Poor(2-0)	6		
	Experimental setup & safety (4)	Excellent(4)	Good(3)	Fair(2)	Poor(1-0)	4		
	Discipline(4)	Excellent(4)	Good(3)	Fair(2)	Poor(1-0)	4		

2	Theoretical concept (10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	8	33	 01/09/17
	Experiment conduct(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	7		
	Team work(4)	Excellent(4)	Good(3)	Fair(2)	Poor(1-0)	4		
	Lab report(8)	Excellent(8-7)	Good(6-5)	Fair(4-3)	Poor(2-0)	6		
	Experimental setup & safety (4)	Excellent(4)	Good(3)	Fair(2)	Poor(1-0)	4		
	Discipline(4)	Excellent(4)	Good(3)	Fair(2)	Poor(1-0)	4		

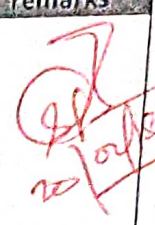
3	Theoretical concept (10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	8	35	 01/09/17
	Experiment conduct(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	8		
	Team work(4)	Excellent(4)	Good(3)	Fair(2)	Poor(1-0)	4		
	Lab report(8)	Excellent(8-7)	Good(6-5)	Fair(4-3)	Poor(2-0)	7		
	Experimental setup & safety (4)	Excellent(4)	Good(3)	Fair(2)	Poor(1-0)	4		
	Discipline(4)	Excellent(4)	Good(3)	Fair(2)	Poor(1-0)	4		

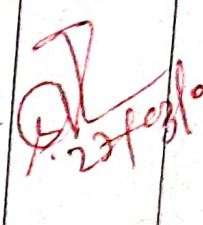
4	Theoretical concept (10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	8	34	 15/09/17
	Experiment conduct(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	8		
	Team work(4)	Excellent(4)	Good(3)	Fair(2)	Poor(1-0)	4		
	Lab report(8)	Excellent(8-7)	Good(6-5)	Fair(4-3)	Poor(2-0)	7		
	Experimental setup & safety (4)	Excellent(4)	Good(3)	Fair(2)	Poor(1-0)	4		
	Discipline(4)	Excellent(4)	Good(3)	Fair(2)	Poor(1-0)	4		


5	Theoretical concept (10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	8	35	 15/09/17
	Experiment conduct(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	8		
	Team work(4)	Excellent(4)	Good(3)	Fair(2)	Poor(1-0)	4		
	Lab report(8)	Excellent(8-7)	Good(6-5)	Fair(4-3)	Poor(2-0)	7		
	Experimental setup & safety (4)	Excellent(4)	Good(3)	Fair(2)	Poor(1-0)	4		
	Discipline(4)	Excellent(4)	Good(3)	Fair(2)	Poor(1-0)	4		

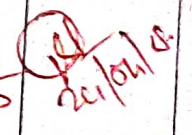
6	Theoretical concept (10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	8	35	 15/09/17
	Experiment conduct(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	8		
	Team work(4)	Excellent(4)	Good(3)	Fair(2)	Poor(1-0)	4		
	Lab report(8)	Excellent(8-7)	Good(6-5)	Fair(4-3)	Poor(2-0)	7		
	Experimental setup & safety (4)	Excellent(4)	Good(3)	Fair(2)	Poor(1-0)	4		
	Discipline(4)	Excellent(4)	Good(3)	Fair(2)	Poor(1-0)	4		

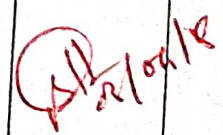
Surupa Chhose (15055-105055)

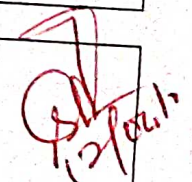
Experiment Name / No.	Objective/Criteria	Quality/Score (total evaluation marks = 40)				Marks	Total marks	Signature of teacher with remarks
1	Theoretical concept (10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	9	38	 20/04/18
	Experiment conduct(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	8		
	Team work(4)	Excellent(4)	Good(3)	Fair(2)	Poor(1-0)	4		
	Lab report(8)	Excellent(8-7)	Good(6-5)	Fair(4-3)	Poor(2-0)	7		
	Experimental setup & safety (4)	Excellent(4)	Good(3)	Fair(2)	Poor(1-0)	4		
	Discipline(4)	Excellent(4)	Good(3)	Fair(2)	Poor(1-0)	4		
Date: 6/2/18								

2	Theoretical concept (10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	8	35	 22/04/18
	Experiment conduct(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	8		
	Team work(4)	Excellent(4)	Good(3)	Fair(2)	Poor(1-0)	4		
	Lab report(8)	Excellent(8-7)	Good(6-5)	Fair(4-3)	Poor(2-0)	7		
	Experimental setup & safety (4)	Excellent(4)	Good(3)	Fair(2)	Poor(1-0)	4		
	Discipline(4)	Excellent(4)	Good(3)	Fair(2)	Poor(1-0)	4		
Date: 20/2/18								

3	Theoretical concept (10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	8	35	 24/4/18
	Experiment conduct(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	8		
	Team work(4)	Excellent(4)	Good(3)	Fair(2)	Poor(1-0)	4		
	Lab report(8)	Excellent(8-7)	Good(6-5)	Fair(4-3)	Poor(2-0)	7		
	Experimental setup & safety (4)	Excellent(4)	Good(3)	Fair(2)	Poor(1-0)	4		
	Discipline(4)	Excellent(4)	Good(3)	Fair(2)	Poor(1-0)	4		
Date: 24/4/18								

4	Theoretical concept (10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	8	35	 24/04/18
	Experiment conduct(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	8		
	Team work(4)	Excellent(4)	Good(3)	Fair(2)	Poor(1-0)	4		
	Lab report(8)	Excellent(8-7)	Good(6-5)	Fair(4-3)	Poor(2-0)	7		
	Experimental setup & safety (4)	Excellent(4)	Good(3)	Fair(2)	Poor(1-0)	4		
	Discipline(4)	Excellent(4)	Good(3)	Fair(2)	Poor(1-0)	4		
Date: 24/4/18								

5	Theoretical concept (10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	8	36	 27/04/18
	Experiment conduct(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	8		
	Team work(4)	Excellent(4)	Good(3)	Fair(2)	Poor(1-0)	6		
	Lab report(8)	Excellent(8-7)	Good(6-5)	Fair(4-3)	Poor(2-0)	2		
	Experimental setup & safety (4)	Excellent(4)	Good(3)	Fair(2)	Poor(1-0)	4		
	Discipline(4)	Excellent(4)	Good(3)	Fair(2)	Poor(1-0)	6		
Date: 27/3/18								

6	Theoretical concept (10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	7	36	 12/04/18
	Experiment conduct(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	8		
	Team work(4)	Excellent(4)	Good(3)	Fair(2)	Poor(1-0)	4		
	Lab report(8)	Excellent(8-7)	Good(6-5)	Fair(4-3)	Poor(2-0)	7		
	Experimental setup & safety (4)	Excellent(4)	Good(3)	Fair(2)	Poor(1-0)	4		
	Discipline(4)	Excellent(4)	Good(3)	Fair(2)	Poor(1-0)	4		
Date: 3/4/18								

SILIGURI INSTITUTE OF TECHNOLOGY
Department of Electronics & Communication Engineering

Name of the Paper: Electronic Devices Lab.	Paper code: EC391
Name of the student: AKASH KAR	Branch: ECE
	Roll no: 11900318054

Experiment Name/No.	Objective/Criteria	Quality/Score (total evaluation marks = 100)				Marks	Total marks	Signature of teacher with date
Experiment no: 1 Familiarization with electronic components	Theoretical concept (25)	Excellent(25-20)	Good(19-14)	Fair(13-7)	Poor(6-0)			
	Experiment conduct(25)	Excellent(25-20)	Good(19-14)	Fair(13-6)	Poor(5-0)			
	Team work(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)			
	Lab report(20)	Excellent(20-15)	Good(14-10)	Fair(9-6)	Poor(5-0)			
	Experimental setup & safety (10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)			
Date: 23/07/19	Discipline(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)			

Experiment no: 2 study of different components in laboratory	Theoretical concept (25)	Excellent(25-20)	Good(19-14)	Fair(13-7)	Poor(6-0)			
	Experiment conduct(25)	Excellent(25-20)	Good(19-14)	Fair(13-6)	Poor(5-0)			
	Team work(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)			
	Lab report(20)	Excellent(20-15)	Good(14-10)	Fair(9-6)	Poor(5-0)			
	Experimental setup & safety (10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)			
Date: 30/07/19	Discipline(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)			

Experiment no: 3 Study of VI characteristics of Pn junction diode	Theoretical concept (25)	Excellent(25-20)	Good(19-14)	Fair(13-7)	Poor(6-0)			
	Experiment conduct(25)	Excellent(25-20)	Good(19-14)	Fair(13-6)	Poor(5-0)			
	Team work(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)			
	Lab report(20)	Excellent(20-15)	Good(14-10)	Fair(9-6)	Poor(5-0)			
	Experimental setup & safety (10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)			
Date: 6/8/19	Discipline(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)			

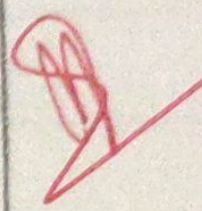
Experiment no: 4 study of VI characteristics of Zener diode	Theoretical concept (25)	Excellent(25-20)	Good(19-14)	Fair(13-7)	Poor(6-0)			
	Experiment conduct(25)	Excellent(25-20)	Good(19-14)	Fair(13-6)	Poor(5-0)			
	Team work(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)			
	Lab report(20)	Excellent(20-15)	Good(14-10)	Fair(9-6)	Poor(5-0)			
	Experimental setup & safety (10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)			
Date: 13/08/19	Discipline(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)			

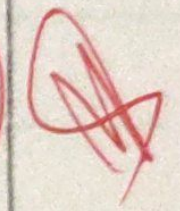
Experiment no: 5 Line & Load regulation characteristics of a Zener diode	Theoretical concept (25)	Excellent(25-20)	Good(19-14)	Fair(13-7)	Poor(6-0)			
	Experiment conduct(25)	Excellent(25-20)	Good(19-14)	Fair(13-6)	Poor(5-0)			
	Team work(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)			
	Lab report(20)	Excellent(20-15)	Good(14-10)	Fair(9-6)	Poor(5-0)			
	Experimental setup & safety (10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)			
Date: 20/8/19	Discipline(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)			

Experiment no: 6 To study characteristics of a BJT in CE mode	Theoretical concept (25)	Excellent(25-20)	Good(19-14)	Fair(13-7)	Poor(6-0)			
	Experiment conduct(25)	Excellent(25-20)	Good(19-14)	Fair(13-6)	Poor(5-0)			
	Team work(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)			
	Lab report(20)	Excellent(20-15)	Good(14-10)	Fair(9-6)	Poor(5-0)			
	Experimental setup & safety (10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)			
Date: 17/9/19	Discipline(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)			

SILIGURI INSTITUTE OF TECHNOLOGY
Department of Electronics & Communication Engineering

Name of the Paper:	Electronic Devices Lab.	Paper code:	EC391
Name of the student:	AKASH KAR	Branch:	ECE
		Roll no:	54 11900318054

Experiment Name/No.	Objective/Criteria	Quality/Score (total evaluation marks = 100)				Marks	Total marks	Signature of teacher with date
Experiment no: 7 To study drain and transfer characteristic curve of JFET	Theoretical concept (25)	Excellent(25-20)	Good(19-14)	Fair(13-7)	Poor(6-0)		71	
	Experiment conduct(25)	Excellent(25-20)	Good(19-14)	Fair(13-6)	Poor(5-0)			
	Team work(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)			
	Lab report(20)	Excellent(20-15)	Good(14-10)	Fair(9-6)	Poor(5-0)			
	Experimental setup & safety (10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)			
Date: 5/11/19	Discipline(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)			

Experiment no: 8 To study the I_c/V_{CE} output characteristic of a photo transistor	Theoretical concept (25)	Excellent(25-20)	Good(19-14)	Fair(13-7)	Poor(6-0)		28	
	Experiment conduct(25)	Excellent(25-20)	Good(19-14)	Fair(13-6)	Poor(5-0)			
	Team work(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)			
	Lab report(20)	Excellent(20-15)	Good(14-10)	Fair(9-6)	Poor(5-0)			
	Experimental setup & safety (10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)			
Date: 16/11/19	Discipline(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)			

Experiment no:	Theoretical concept (25)	Excellent(25-20)	Good(19-14)	Fair(13-7)	Poor(6-0)			
	Experiment conduct(25)	Excellent(25-20)	Good(19-14)	Fair(13-6)	Poor(5-0)			

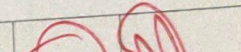
Roll no: 11900318029

Name of the Paper: Electronics Devices Lab Branch: _____



Name of the student: Rahul Roy

Branch: ECE

Component		safety (10)	Excellent(10-8)	Good(7-6)	Fair(5-4)		61	
Date:		Discipline(10)						
Experiment no: 02 Study of different instru- ments like oscilloscope, multimeter	Theoretical concept (25)	Excellent(25-20)	Good(19-14)	Fair(13-7)	Poor(6-0)			
	Experiment conduct(25)	Excellent(25-20)	Good(19-14)	Fair(13-6)	Poor(5-0)			
	Team work(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)			
	Lab report(20)	Excellent(20-15)	Good(14-10)	Fair(9-6)	Poor(5-0)			
	Experimental setup & safety (10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)			
Date:		Discipline(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)		

Date:	Discipline(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	
Experiment no: 03 <i>characteristics of PN junction Diode</i>	Theoretical concept (25)	Excellent(25-20)	Good(19-14)	Fair(13-7)	Poor(6-0)	
	Experiment conduct(25)	Excellent(25-20)	Good(19-14)	Fair(13-6)	Poor(5-0)	
	Team work(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	
	Lab report(20)	Excellent(20-15)	Good(14-10)	Fair(9-6)	Poor(5-0)	
	Experimental setup & safety (10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	
		Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	
Date:	Discipline(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	

Date:	Discipline(10)	Excellent(25-30)	Good(19-14)	Fair(13-7)	Poor(6-0)		
Experiment no: 04 <i>characteristic of Zener diode in reverse bias</i>	Theoretical concept (25)	Excellent(25-20)	Good(19-14)	Fair(13-7)	Poor(6-0)		<div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> <div style="border: 1px solid black; border-radius: 50%; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;"> 18 </div> </div>
	Experiment conduct(25)	Excellent(25-20)	Good(19-14)	Fair(13-6)	Poor(5-0)		
	Team work(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)		
	Lab report(20)	Excellent(20-15)	Good(14-10)	Fair(9-6)	Poor(5-0)		
	Experimental setup & safety (10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)		
Date:	Discipline(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)		

Date:	Discipline:	Excellent(25-20)	Good(19-14)	Fair(13-7)	Poor(6-0)			
Experiment no: 05 <i>Finding lead and time regulation of Zener diode</i>	Theoretical concept (25)	Excellent(25-20)	Good(19-14)	Fair(13-7)	Poor(6-0)		 	
	Experiment conduct(25)	Excellent(25-20)	Good(19-14)	Fair(13-6)	Poor(5-0)			
	Team work(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)			
	Lab report(20)	Excellent(20-15)	Good(14-10)	Fair(9-6)	Poor(5-0)			
	Experimental setup & safety (10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)			
Date:	Discipline(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)			

Experiment no: <i>06</i> <i>Common-Enrichment EST character traits</i>	Theoretical concept (25)	Excellent(25-20)	Good(19-14)	Fair(13-7)	Poor(6-0)	<i>62</i>	<i>AB</i>
	Experiment conduct(25)	Excellent(25-20)	Good(19-14)	Fair(13-6)	Poor(5-0)		
	Team work(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)		
	Lab report(20)	Excellent(20-15)	Good(14-10)	Fair(9-6)	Poor(5-0)		
	Experimental setup & safety (10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)		
Date:	Discipline(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)		

SILIGURI INSTITUTE OF TECHNOLOGY
Department of Electronics & Communication Engineering

Name of the Paper: <u>Electromagnetic waves & T.L. Lab</u>	Paper code: <u>EC-491</u>
Name of the student: <u>Komal Karthi Ganguly</u> Branch: <u>ECE-1</u>	Roll no: <u>28</u>

Experiment Name/No.	Objective/Criteria	Quality/Score (total evaluation marks = 100)					Marks	Total marks	Signature of teacher with date
5	Theoretical concept (25)	Excellent(25-20)	Good(19-14)	Fair(13-7)	Poor(6-0)		19	85	<u>Dr.</u> 12/02/2019
	Experiment conduct(25)	Excellent(25-20)	Good(19-14)	Fair(13-6)	Poor(5-0)		20		
	Team work(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)		10		
	Lab report(20)	Excellent(20-15)	Good(14-10)	Fair(9-6)	Poor(5-0)		17		
	Experimental setup & safety (10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)		09		
Date: <u>05.02.19.</u>	Discipline(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)		10		

1	Theoretical concept (25)	Excellent(25-20)	Good(19-14)	Fair(13-7)	Poor(6-0)		20	87	<u>Dr.</u> 02/04/19
	Experiment conduct(25)	Excellent(25-20)	Good(19-14)	Fair(13-6)	Poor(5-0)		22		
	Team work(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)		10		
	Lab report(20)	Excellent(20-15)	Good(14-10)	Fair(9-6)	Poor(5-0)		17		
	Experimental setup & safety (10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)		08		
Date: <u>12.06.19</u>	Discipline(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)		10		

2	Theoretical concept (25)	Excellent(25-20)	Good(19-14)	Fair(13-7)	Poor(6-0)		22	91	<u>Dr.</u> 11/04/19
	Experiment conduct(25)	Excellent(25-20)	Good(19-14)	Fair(13-6)	Poor(5-0)		22		
	Team work(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)		10		
	Lab report(20)	Excellent(20-15)	Good(14-10)	Fair(9-6)	Poor(5-0)		19		
	Experimental setup & safety (10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)		09		
Date: <u>02.04.19.</u>	Discipline(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)		10		

3	Theoretical concept (25)	Excellent(25-20)	Good(19-14)	Fair(13-7)	Poor(6-0)		22	94	<u>Dr.</u> 20/04/19.
	Experiment conduct(25)	Excellent(25-20)	Good(19-14)	Fair(13-6)	Poor(5-0)		24		
	Team work(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)		10		
	Lab report(20)	Excellent(20-15)	Good(14-10)	Fair(9-6)	Poor(5-0)		20		
	Experimental setup & safety (10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)		09		
Date: <u>09.04.19.</u>	Discipline(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)		10		

4	Theoretical concept (25)	Excellent(25-20)	Good(19-14)	Fair(13-7)	Poor(6-0)		23	95	<u>Dr.</u> 23/04/19.
	Experiment conduct(25)	Excellent(25-20)	Good(19-14)	Fair(13-6)	Poor(5-0)		24		
	Team work(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)		10		
	Lab report(20)	Excellent(20-15)	Good(14-10)	Fair(9-6)	Poor(5-0)		20		
	Experimental setup & safety (10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)		09		
Date: <u>23.4.19.</u>	Discipline(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)		10		

6	Theoretical concept (25)	Excellent(25-20)	Good(19-14)	Fair(13-7)	Poor(6-0)		23	96	<u>Dr.</u> 01/05/19.
	Experiment conduct(25)	Excellent(25-20)	Good(19-14)	Fair(13-6)	Poor(5-0)		24		
	Team work(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)		10		
	Lab report(20)	Excellent(20-15)	Good(14-10)	Fair(9-6)	Poor(5-0)		21		
	Experimental setup & safety (10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)		09		
Date: <u>29.4.19.</u>	Discipline(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)		10		

(N.B: The candidate is expected to retain his/her journal and notes in the subject.)

SILIGURI INSTITUTE OF TECHNOLOGY
Department of Electronics & Communication Engineering

Name of the Paper:	<i>RF and Microwave Lab</i>	Paper code:	<i>EC-793 A</i>
Name of the student:	<i>Susmita Chowdhury</i>	Branch:	<i>ECE- A</i>
		Roll no:	<i>11900316014</i>

Experiment Name/No.	Objective/Criteria	Quality/Score (total evaluation marks = 100)				Marks	Total marks	Signature of teacher with
Experiment no: <i>1</i>	Theoretical concept (25)	Excellent(25-20)	Good(19-14)	Fair(13-7)	Poor(6-0)	<i>20</i>	<i>82</i>	<i>26/10/19</i>
	Experiment conduct(25)	Excellent(25-20)	Good(19-14)	Fair(13-6)	Poor(5-0)	<i>20</i>		
	Team work(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	<i>10</i>		
	Lab report(20)	Excellent(20-15)	Good(14-10)	Fair(9-6)	Poor(5-0)	<i>14</i>		
	Experimental setup & safety (10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	<i>08</i>		
Date: <i>25.9.19</i>	Discipline(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	<i>10</i>		

Experiment no: <i>2</i>	Theoretical concept (25)	Excellent(25-20)	Good(19-14)	Fair(13-7)	Poor(6-0)	<i>21</i>	<i>84</i>	<i>23/10/19</i>
	Experiment conduct(25)	Excellent(25-20)	Good(19-14)	Fair(13-6)	Poor(5-0)	<i>21</i>		
	Team work(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	<i>10</i>		
	Lab report(20)	Excellent(20-15)	Good(14-10)	Fair(9-6)	Poor(5-0)	<i>14</i>		
	Experimental setup & safety (10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	<i>08</i>		
Date: <i>26.9.19</i>	Discipline(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	<i>10</i>		

Experiment no: <i>3</i>	Theoretical concept (25)	Excellent(25-20)	Good(19-14)	Fair(13-7)	Poor(6-0)	<i>22</i>	<i>85</i>	<i>25/10/19</i>
	Experiment conduct(25)	Excellent(25-20)	Good(19-14)	Fair(13-6)	Poor(5-0)	<i>21</i>		
	Team work(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	<i>10</i>		
	Lab report(20)	Excellent(20-15)	Good(14-10)	Fair(9-6)	Poor(5-0)	<i>14</i>		
	Experimental setup & safety (10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	<i>08</i>		
Date: <i>22/10/19</i>	Discipline(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	<i>10</i>		

Experiment no:	Theoretical concept (25)	Excellent(25-20)	Good(19-14)	Fair(13-7)	Poor(6-0)			
	Experiment conduct(25)	Excellent(25-20)	Good(19-14)	Fair(13-6)	Poor(5-0)			
	Team work(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)			
	Lab report(20)	Excellent(20-15)	Good(14-10)	Fair(9-6)	Poor(5-0)			
	Experimental setup & safety (10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)			
Date:	Discipline(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)			


Experiment no:	Theoretical concept (25)	Excellent(25-20)	Good(19-14)	Fair(13-7)	Poor(6-0)			
	Experiment conduct(25)	Excellent(25-20)	Good(19-14)	Fair(13-6)	Poor(5-0)			
	Team work(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)			
	Lab report(20)	Excellent(20-15)	Good(14-10)	Fair(9-6)	Poor(5-0)			
	Experimental setup & safety (10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)			
Date:	Discipline(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)			


Experiment no:	Theoretical concept (25)	Excellent(25-20)	Good(19-14)	Fair(13-7)	Poor(6-0)			
	Experiment conduct(25)	Excellent(25-20)	Good(19-14)	Fair(13-6)	Poor(5-0)			
	Team work(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)			
	Lab report(20)	Excellent(20-15)	Good(14-10)	Fair(9-6)	Poor(5-0)			
	Experimental setup & safety (10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)			
Date:	Discipline(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)			


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SILIGURI INSTITUTE OF TECHNOLOGY
Department of Electronics & Communication Engineering


Name of the Paper: Analog Electronics Paper code: ECF391
Name of the student: Srujan Chakraborty Branch: ECE Roll no: 12


Experiment Name/No.	Objective/Criteria	Quality/Score (total evaluation marks = 100)					Marks	Total marks	Signature of teacher with date
02	Theoretical concept (25)	Excellent(25-20)	Good(19-14)	Fair(13-7)	Poor(6-0)		20	87	
	Experiment conduct(25)	Excellent(25-20)	Good(19-14)	Fair(13-6)	Poor(5-0)		22		
	Team work(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)		8		
	Lab report(20)	Excellent(20-15)	Good(14-10)	Fair(9-6)	Poor(5-0)		20		
	Experimental setup & safety (10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)		8		
Date: 27/08/18	Discipline(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)		9		

03	Theoretical concept (25)	Excellent(25-20)	Good(19-14)	Fair(13-7)	Poor(6-0)		20	89	
	Experiment conduct(25)	Excellent(25-20)	Good(19-14)	Fair(13-6)	Poor(5-0)		23		
	Team work(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)		9		
	Lab report(20)	Excellent(20-15)	Good(14-10)	Fair(9-6)	Poor(5-0)		20		
	Experimental setup & safety (10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)		9		
Date: 28/08/18	Discipline(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)		6		

01	Theoretical concept (25)	Excellent(25-20)	Good(19-14)	Fair(13-7)	Poor(6-0)		20	90	
	Experiment conduct(25)	Excellent(25-20)	Good(19-14)	Fair(13-6)	Poor(5-0)		23		
	Team work(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)		9		
	Lab report(20)	Excellent(20-15)	Good(14-10)	Fair(9-6)	Poor(5-0)		20		
	Experimental setup & safety (10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)		9		
Date: 18/08/18	Discipline(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)		9		


04	Theoretical concept (25)	Excellent(25-20)	Good(19-14)	Fair(13-7)	Poor(6-0)		19	86	
	Experiment conduct(25)	Excellent(25-20)	Good(19-14)	Fair(13-6)	Poor(5-0)		22		
	Team work(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)		9		
	Lab report(20)	Excellent(20-15)	Good(14-10)	Fair(9-6)	Poor(5-0)		16		
	Experimental setup & safety (10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)		9		
Date: 17/08/18	Discipline(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)		6		

06	Theoretical concept (25)	Excellent(25-20)	Good(19-14)	Fair(13-7)	Poor(6-0)		21	91	
	Experiment conduct(25)	Excellent(25-20)	Good(19-14)	Fair(13-6)	Poor(5-0)		23		
	Team work(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)		9		
	Lab report(20)	Excellent(20-15)	Good(14-10)	Fair(9-6)	Poor(5-0)		20		
	Experimental setup & safety (10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)		9		
Date: 14/08/18	Discipline(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)		9		

07	Theoretical concept (25)	Excellent(25-20)	Good(19-14)	Fair(13-7)	Poor(6-0)		20	85	
	Experiment conduct(25)	Excellent(25-20)	Good(19-14)	Fair(13-6)	Poor(5-0)		22		
	Team work(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)		9		
	Lab report(20)	Excellent(20-15)	Good(14-10)	Fair(9-6)	Poor(5-0)		18		
	Experimental setup & safety (10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)		8		
Date: 21/08/18	Discipline(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)		8		

SILIGURI INSTITUTE OF TECHNOLOGY
Department of Electronics & Communication Engineering

Name of the Paper: <i>Analog Electronics Circuit</i>	Paper code: <i>EC-391</i>
Name of the student: <i>Sneha Chakrabarty</i> Branch: <i>EEF</i>	Roll no: <i>11900317014</i>

Experiment Name/No.	Objective/Criteria	Quality/Score (total evaluation marks = 100)				Marks	Total marks	Signature of teacher with date
Experiment no: <i>05</i>	Theoretical concept (25)	Excellent(25-20)	Good(19-14)	Fair(13-7)	Poor(6-0)	<i>20</i>	<i>84</i>	
	Experiment conduct(25)	Excellent(25-20)	Good(19-14)	Fair(13-6)	Poor(5-0)	<i>22</i>		
	Team work(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	<i>8</i>		
	Lab report(20)	Excellent(20-15)	Good(14-10)	Fair(9-6)	Poor(5-0)	<i>18</i>		
	Experimental setup & safety (10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	<i>7</i>		
Date: <i>20/11/18</i>	Discipline(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	<i>9</i>		

name of the Paper: <u>Analog Electronic Circuit</u>	Paper code: <u>EC-391</u>
name of the student: <u>Debanjona Bhattacharya</u> Branch: <u>ECE</u>	Roll no: <u>40</u>

Experiment Name/No.	Objective/Criteria	Quality/Score (total evaluation marks = 100)				Marks	Total marks	Signature of teacher with date
Experiment no: 1	Theoretical concept (25)	Excellent(25-20)	Good(19-14)	Fair(13-7)	Poor(6-0)	24	95	
	Experiment conduct(25)	Excellent(25-20)	Good(19-14)	Fair(13-6)	Poor(5-0)	24		
	Team work(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	9		
	Lab report(20)	Excellent(20-15)	Good(14-10)	Fair(9-6)	Poor(5-0)	20		
	Experimental setup & safety (10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	9		
	Discipline(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	9		

Experiment no: 2	Theoretical concept (25)	Excellent(25-20)	Good(19-14)	Fair(13-7)	Poor(6-0)	24	89	
	Experiment conduct(25)	Excellent(25-20)	Good(19-14)	Fair(13-6)	Poor(5-0)	20		
	Team work(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	8		
	Lab report(20)	Excellent(20-15)	Good(14-10)	Fair(9-6)	Poor(5-0)	18		
	Experimental setup & safety (10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	8		
	Discipline(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	8		

Experiment no: 3	Theoretical concept (25)	Excellent(25-20)	Good(19-14)	Fair(13-7)	Poor(6-0)	23	88	
	Experiment conduct(25)	Excellent(25-20)	Good(19-14)	Fair(13-6)	Poor(5-0)	22		
	Team work(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	8		
	Lab report(20)	Excellent(20-15)	Good(14-10)	Fair(9-6)	Poor(5-0)	17		
	Experimental setup & safety (10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	9		
	Discipline(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	9		

Experiment no: 4	Theoretical concept (25)	Excellent(25-20)	Good(19-14)	Fair(13-7)	Poor(6-0)	24	90	
	Experiment conduct(25)	Excellent(25-20)	Good(19-14)	Fair(13-6)	Poor(5-0)	24		
	Team work(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	9		
	Lab report(20)	Excellent(20-15)	Good(14-10)	Fair(9-6)	Poor(5-0)	18		
	Experimental setup & safety (10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	8		
	Discipline(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	8		

Experiment no: 5	Theoretical concept (25)	Excellent(25-20)	Good(19-14)	Fair(13-7)	Poor(6-0)	24	93	
	Experiment conduct(25)	Excellent(25-20)	Good(19-14)	Fair(13-6)	Poor(5-0)	24		
	Team work(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	9		
	Lab report(20)	Excellent(20-15)	Good(14-10)	Fair(9-6)	Poor(5-0)	18		
	Experimental setup & safety (10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	9		
	Discipline(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	9		

Experiment no: 6	Theoretical concept (25)	Excellent(25-20)	Good(19-14)	Fair(13-7)	Poor(6-0)	24	94	
	Experiment conduct(25)	Excellent(25-20)	Good(19-14)	Fair(13-6)	Poor(5-0)	24		
	Team work(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	9		
	Lab report(20)	Excellent(20-15)	Good(14-10)	Fair(9-6)	Poor(5-0)	19		
	Experimental setup & safety (10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	9		
	Discipline(10)	Excellent(10-8)	Good(7-6)	Fair(5-4)	Poor(3-0)	9		

LAB PERFORMANCE EVALUATION RUBRIC (FOR SYSTEM DESIGN LAB)

performance indicators	Inadequate Needs improvement	Developing	Good	Excellent	Score
	0-4	5-6	7-8	9-10	
PI 1 Participation & Regularity	Irregular	More or less Punctual & regular	Most of the time punctual & Regular.	Punctual & Regular	
PI 2 Background preparation - lists ideas found in the textbook	No background preparation	Refers the textbooks occasionally.	Good background preparation before the design work.	Well prepared with sufficient knowledge on the design aspect	
PI 3 Design meets the requirements	Design is incomplete, inaccurate and/or imprecise	Design is somewhat inaccurate and very imprecise.	Design is mostly accurate	Design is both accurate and precise and may show innovation	
PI 3 Use of modern tools	No use of tools	some amount of usage of softwares	Design is mostly carried out using modern tools	Extensive use of modern tools for the design & validation.	
PI 4 Design Log Book	No participation; sits on the sidelines with no log book;	Minimal participation; Shows little interest; doesn't pay attention irregular maintenance of log book;	Good participation; appears interested; enthusiastic maintains a design log book;	Shows outstanding Participation, does the assigned task, managing time properly; maintains a proper log book	
TOTAL SCORE					

LAB REPORT EVALUATION RUBRIC

performance indicators	Inadequate Needs improvement	Developing	Good	Excellent	Score
	0-4	5-6	7-8	9-10	
PI 1 Timely Submission	Irregular	More or less meeting deadlines	Most of the time Meeting deadlines	Meeting Deadlines regularly	
PI 2 Organization & Preparation of report	Lack of organization, incoherent development and/or unreadable	Inconsistent clarity, gaps in logical development, overall hard to follow	Mostly clear, logical progression, a few parts hard to follow	Overall organization clear & develops very logically; easy to read and understand	
PI 3 Results & Conclusions	Methods and/or calculations missing or faulty Results unclear, erroneous or partially missing; objectives not met. Some parts impossible to read or understand. Conclusions not fully explained and/or lack sufficient rationale or support.	Methods, techniques, measurements and calculations identified but incomplete Some results presented; objectives partially met. Some parts hard to read or understand. Explains some conclusions and/or some rationale	Mostly explains methods, techniques, measurements and calculations made Results presented; objectives mostly complete Explains conclusions with mostly clear rationale	Fully explains all methods, techniques, measurements and calculations made Presented clearly and concisely; completes all objectives; Fully explains any conclusions with clear rationale.	
TOTAL SCORE					

LAB VIVA EVALUATION RUBRIC

performance indicators		Inadequate Needs improvement	Developing	Good	Excellent	Score
		0-4	5-6	7-8	9-10	
PI 1	Knowledge of subject	Does not have grasp of information; answered only rudimentary questions	At ease with information; answered most questions	At ease; answered all questions but failed to elaborate	Demonstrated full knowledge; answered all questions with elaboration	
PI 2	Conceptual Understanding	Unable to explain the Mathematical/technical concept(s) involved.	Partially explains the Mathematical/technical concept(s) involved.	Adequately explains the Mathematical /technical concepts(s) involved.	Explains fully the mathematical/technical concepts involved.	
PI 3	Communication and body language	Unable to communicate ideas and unprofessional attitude	Communicates few ideas clearly and needs improvement in professional attitude	Communicates some ideas clearly and good professional attitude.	Communicates all ideas clearly and fluently and excellent professional attitude.	
PI 4	Confidence level	Appears uneasy and somewhat insecure. Rarely faces the audience or makes eye contact.	Appears generally at ease and confident. Sometimes faces the audience and maintains eye contact.	Appears fairly comfortable and confident. Generally faces the audience and maintains good eye contact.	Appears very comfortable and confident. Consistently faces the audience and maintains good eye contact.	
TOTAL SCORE						

STUDENT GRAND VIVA EVALUATION RUBRIC

Evaluate the student's Grand viva employing the following range-scored criteria (best is on right)

performance indicators		Inadequate	Average	Admirable	Outstanding	Score
		1	2	3	4	4
PI 1	Knowledge of subject	Does not have grasp of information; answered only rudimentary questions	At ease with information; answered most questions	At ease; answered all questions but failed to elaborate	Demonstrated full knowledge; answered all questions with elaboration	
PI 2	Conceptual Understanding	Unable to explain the Mathematical/technical concept(s) involved.	Partially explains the Mathematical/technical concept(s) involved.	Adequately explains the Mathematical /technical concepts(s) involved.	Explains fully the mathematical/technical concepts involved.	
PI 3	Use of technical Language & real world examples	Incorrect use of technical terms and does not have knowledge about real world applications & issues .	Little use of accurate technical terms and have partial knowledge about real world applications & issues	Uses most technical terms accurately and have adequate knowledge about real world applications & issues	Uses technical terms accurately and appropriately and have adequate knowledge about real world applications & issues	
PI 4	Communication and body language	Unable to communicate ideas and unprofessional attitude	Communicates few ideas clearly and needs improvement in professional attitude	Communicates some ideas clearly and good professional attitude.	Communicates all ideas clearly and fluently and excellent professional attitude.	
PI 5	Confidence level	Appears very comfortable and confident. Consistently faces the audience and maintains good eye contact.	Appears fairly comfortable and confident. Generally faces the audience and maintains good eye contact.	Appears generally at ease and confident. Sometimes faces the audience and maintains eye contact.	Appears uneasy and somewhat insecure. Rarely faces the audience or makes eye contact.	
TOTAL SCORE						

CO1	PI 1, PI 2, PI 3	Demonstrate systematic understanding of knowledge related to 4 years study of B. Tech. in EE
CO2	PI 1, PI 2	Utilise the knowledge and ideas to deal with real world problems and issues clearly.
CO3	PI 3, PI 4	Show verbal communication and presentation skills.
CO4	PI 5	Demonstrate confidence and versatility in answering the varieties of questions posed by a group of interviewer in a moderately short duration.

LAB PERFORMANCE EVALUATION RUBRIC

performance indicators	Inadequate Needs improvement	Developing	Good	Excellent	Score
	0-4	5-6	7-8	9-10	
PI 1 Participation & Regularity	Irregular	More or less Punctual & regular	Most of the time punctual & Regular.	Punctual & Regular	
PI 2 Lab Techniques	Measurements, skills or Techniques in lab are incomplete, inaccurate and/or imprecise	Measurements, skills or techniques in lab are somewhat inaccurate and very imprecise.	Measurements, skills or techniques in lab are mostly accurate	Measurements, skills or techniques in lab are both accurate and precise and may show innovation	
PI 3 Safety Procedures & Directions	Safety procedures were ignored. Did Not follow directions.	Lab is carried out with some attention to relevant safety procedures & directions.	Lab is generally carried out with attention to relevant safety procedures & directions.	Lab is carried out with full attention to relevant safety procedures & directions.	
PI 4 Ability to work in a group	No participation; sits on the sidelines with no interaction; disinterested;	Minimal participation; Shows little interest; doesn't pay attention to other group members; may argue to get point across; helps group only when asked;	Good participation; appears interested; enthusiastic but talks over teammates or may "hog" tasks; tries to help group complete tasks;	Shows outstanding leadership qualities through shared participation and respect for others; keeps others on task, managing time; Assumes responsibility for effective functioning of the group.	
TOTAL SCORE					

LAB REPORT EVALUATION RUBRIC

performance indicators	Inadequate Needs improvement	Developing	Good	Excellent	Score
	0-4	5-6	7-8	9-10	
PI 1 Timely Submission	Irregular	More or less meeting deadlines	Most of the time Meeting deadlines	Meeting Deadlines regularly	
PI 2 Organization & Preparation of report	Lack of organization, incoherent development and/or unreadable	Inconsistent clarity, gaps in logical development, overall hard to follow	Mostly clear, logical progression, a few parts hard to follow	Overall organization clear & develops very logically; easy to read and understand	
PI 3 Results & Conclusions	Methods and/or calculations missing or faulty Results unclear, erroneous or partially missing; objectives not met. Some parts impossible to read or understand. Conclusions not fully explained and/or lack sufficient rationale or support.	Methods, techniques, measurements and calculations identified but incomplete Some results presented; objectives partially met. Some parts hard to read or understand. Explains some conclusions and/or some rationale	Mostly explains methods, techniques, measurements and calculations made Results presented; objectives mostly complete Explains conclusions with mostly clear rationale	Fully explains all methods, techniques, measurements and calculations made Presented clearly and concisely; completes all objectives; Fully explains any conclusions with clear rationale.	
TOTAL SCORE					

STUDENT PROJECT EVALUATION RUBRIC

Evaluate the student's Project employing the following range-scored criteria (best is on right)

Performance indicators		Inadequate	Average	Admirable	Outstanding	Score
		1	2	3	4	
PI 1	Understanding of Project Objectives	Unable to understand the Project objectives and did not apply engineering elements such as design, synthesis, mathematical modelling, or simulation as applicable in the project.	Unable to understand the Project objectives and applied engineering elements such as design, synthesis, mathematical modelling, or simulation as applicable in the project is limited.	Project objectives are well understood and applied suitable engineering elements in the project.	Project objectives are clearly understood and Applied appropriate engineering elements in the project.	
PI 2	Content & methodology	The information presented is isolated and the methods are not described.	The information presented is relevant and the methods are partly described.	The information presented is relevant coverage with accurate support. Methods are described & explained	The information presented is relevant with higher degree of originality and methods are clearly described.	
PI 3	Results & explanations Analysis	Results & explanations are not appropriate	Results are well explained	Results are well explained	Results are appropriately explained	
PI 4	Planning and scheduling of Project Activities	No project schedule provided	Project activities were poorly identified and not arranged practically in a project schedule with timeline	Project activities were identified but some were not arranged practically in a project schedule with timeline	Project activities were clearly identified and arranged practically in a project schedule with timeline	
PI 5	Use of modern tools/devices	Does not make use of analytical tools and/or devices relevant to the project	Employ some analytical tools and/or devices acquired.	Employ appropriate analytical tools and/or devices acquired in his course of study to the project at hand	Employ appropriate analytical tools and/or devices. Clearly demonstrates mastery of several areas of the curriculum	

Performance indicators		Inadequate	Average	Admirable	Outstanding	Score
		1	2	3	4	
PI 6	Originality	The work was entirely adapted for previous works	Most work was adapted from previous works, did not demonstrate creativity and critical thinking	Some work was adapted from previous work and/or demonstrated creativity and critical thinking in a satisfactory manner	The concept of the work is original/ novel and/or demonstrated creativity and critical thinking.	
PI 7	Formatting and organisation of report	There was no structure of report and the formatting was beyond the guidelines. No references provided	The report was poorly structured, and the formatting include very substantial and consistent error. References provided were not reliable (e.g internet content) and relevant	The report was structured and formatted in a satisfactory manner. Some references were not reliable (e.g internet content) and relevant	The report was structured in an orderly manner, and the formatting was done properly in accordance to the guidelines. All references were apparently reliable (e.g journals) and relevant	
PI 8	Delivery – Presentation skills & Communication (Q/A)	Bare organization and preparation. Lack of confidence and familiarity in some parts of the presentation. Answer at least one question correctly. Need clarification.	Basic organization and preparation. Confident in only some parts of the presentation. Answer most questions correctly. Need clarification sometimes.	Good organization and preparation. Confident in most parts of the presentation. Answer most questions correctly and concisely.	Excellent organization and preparation. Confident and relaxed in the whole presentation. Handle difficult questions with ease and confidence. Illustrative explanation	
PI 9	Self-Initiatives & commitment	The student did not understand the project and did not show any self-initiative at al	The student did not understand some parts of the project and did not show self-initiative in handling and planning of the tasks for the project	The student understood most parts of the project and showed some self-initiative in handling and planning of the tasks for the project	The student understood the project well and showed self-initiative in handling and planning of the tasks for the project	
TOTAL SCORE						

CO1	PI 1	Recognise the relevancy and necessity / usefulness of the project in current scenario a technical problem of current relevance to Electrical Engineering and allied field.
CO2	PI 2	Research the problem and identify the solution methodology

C03	PI 3, PI 5	Validate and analyze the results by Simulation/Experimentation and construction of systems using modern tools/devices
C04	PI 4, PI 6	Demonstrate time management and commitment towards professional ethics.
C05	PI 7, PI 8	Develop interpersonal skills, communication skills and technical report writing skills.
C06	PI 9	Able to evolve as a committed self-learner.

STUDENT SEMINAR ON INDUSTRIAL TRAINING EVALUATION RUBRIC

Evaluate the student's performance employing the following range-scored criteria (best is on right)

performance indicators		Inadequate	Average	Admirable	Outstanding	Score
		1	2	3	4	
PI 1	Industrial training experience & orientation	Shows absolutely no interest in industrial training. Have no knowledge about the company. Training completion certificate received with remarks.	Shows lack of interest in industrial training. Minimal knowledge about the company. Training completion certificate received	Show positive feelings about industrial training experience Moderate knowledge about the company. Training completion certificate received	Shows a very strong positive feeling about industrial training experience. Extensive knowledge about the company. Training completion certificate received with appreciation.	
PI 2	Formatting and organisation of Training report	Report submitted was not structured.	The report was poorly structured, and the formatting include very substantial and consistent error	The report was structured and formatted in a satisfactory manner	The report was structured in an orderly manner, and the formatting was done properly.	
PI 3	Presentation skill	Very Poor delivery of presentation. Mumbles and/or Incorrectly pronounces some terms .	Contents of presentations are not appropriate and not well delivered Presentation Short OR dragging in parts	Contents of presentations are appropriate Most of the seminar well paced	Contents of presentations are appropriate and well delivered Well-paced throughout.	
PI 4	Overall learning experience	The trainee's learning experience is unclear or very poor.	The trainee's learning experience is poor or insufficient.	The trainee's learning experience is good and exhibits self learning capability.	The trainee's learning experience is rich and exhibits self learning capability.	
TOTAL SCORE						

CO1	PI 1	Gain knowledge about recent trends, issues and developments in industry.
CO2	PI 1, PI 2	Apply the engineering knowledge to real industrial situations.
CO3	PI 2, PI 3	Develop technical reports and presentation with the help of ICT.
CO4	PI 3	Demonstrate communication skills and time management.
CO5	PI 4	Able to evolve as a self learner.

STUDENT SEMINAR EVALUATION RUBRIC

Evaluate the student's seminar presentation employing the following range-scored criteria (best is on right)

performance indicators		Inadequate 1	Average 2	Admirable 3	Outstanding 4	Score
PI 1	Content & Knowledge relevancy	Content not clearly related to topic. Does not have grasp of information.	Content sufficient for clear understanding At ease with information.	Content is sufficient for clear understanding. At ease with information.	Content sufficient for clear understanding Demonstrated full knowledge.	
PI 2	Presentation Skill	Very Poor delivery of presentation. Mumbles and/or Incorrectly pronounces some terms . presentation short/rushed	Contents of presentations are not appropriate and not well delivered Presentation Short OR dragging in parts	Contents of presentations are appropriate Most of the seminar well paced	Contents of presentations are appropriate and well delivered Well-paced throughout.	
PI 3	Contribution of work	Bibliography includes some web links. Significance not mentioned or just hinted	Bibliography is not organised. Significance mentioned.	Bibliography is more or less organised Significance explained	Well organised bibliography Significance exceptionally well explained	
PI 4	Preparation of Report	Report submitted was not structured.	The report was poorly structured, and the formatting (e.g: font, spacing, labelling of figures and tables, equations numbered and etc) include very substantial and consistent error	The report was structured and formatted (e.g: font, spacing, labelling of figures and tables, equations numbered and etc) in a satisfactory manner	The report was structured in an orderly manner, and the formatting (e.g: font, spacing, labelling of figures and tables, equations numbered and etc) was done properly.	
TOTAL SCORE						

CO1	PI 1	Gain knowledge about recent trends, issues and developments in technology.
CO2	PI 4	Develop technical reports.
CO3	PI 2, PI 4	Develop interpersonal skills, software skills as well as communication skills.
CO4	PI 2	Deliver presentation with the help of ICT
CO5	PI 1, PI 3	Evolve as a self-learner.