

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]						

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), $A = \frac{\dots (m)}{350} \times 95 =$

- 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.

Scaling 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 (CO2, CO3, CO4)	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 (CO4)	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 (CO1, CO2, CO3, CO4, CO5)	Always gives an appropriate response	Often gives an appropriate response	Sometimes gives an appropriate response	Rarely gives an appropriate response
PI 4	Team spirit (CO2)	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 (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	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	LAB SHEET 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