



Savitribai Phule Shikshan Prasarak Mandal's  
**SKN SINHGAD COLLEGE OF ENGINEERING**

(Approved by AICTE & Affiliated to PAH Solapur University, Solapur)

Accredited by NAAC with 'A' Grade

A/p- Korti, Tal- Pandharpur, Pin- 413304, Dist.- Solapur.

Ref No : SKNSCOE /2019-20/ Sem-I/Cir/Policy/ 117

Date :18/09/2019

## Circular

### In-Semester Evaluation (ISE) & Internal Continuous Assessment (ICA) Policy

**Purpose:** The purpose of this policy is to establish clear guidelines for the In-Semester Evaluation process. This evaluation is designed to assess student performance through a combination of assignments and internal examination test. The policy ensures that all students are evaluated consistently and fairly.

The policy in respect of In-Semester Evaluation (ISE) and Internal Continuous Assessment (ICA) is given bellow.

#### 1) In Semester Evaluation Policy:

##### Evaluation Component

##### I. Assignments:

- Number of Assignment:** At least four assignments will be given during the semester.
- Weightage:** Each assignment carries 10 mark. Average of all assignment will contribute a total of 10 marks to the In Semester Evaluation.
- Submission:** All assignment will be submitted by the deadline specified by faculty. Student who fails to submit the assignment, his/her term will not be granted for respective semester.
- Assessment:** Assignments will be assessed based on the timely submission (Regularity), presentation, understanding and adherence to the guidelines provided by the faculty to the students and **rubrics** are communicated to the students at the start of semester.

##### II. Test Performance

- Number of tests:** There will be at least two-unit test and/or one prelim test
- Weightage:** Test performance will contribute 20 marks to In Semester Evaluation.
- Test Format:** The test may include multiple choice questions, short answer questions, long answer questions or practical problems as determined by IQAC.





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- d) Based on composition of curriculum ISE norms are provided separately to each category of subjects.
- e) The quality of question paper is assessed by PAQIC committee

### III. Roles and Responsibility

#### a) Faculty Responsibility:

- Provide clear instructions and deadlines for assignments.
- Communicate the test date(s) and format in advance.
- Evaluate assignments and tests objectively and provide timely feedback.
- Maintain transparency in the evaluation process by sharing marking rubrics or criteria where applicable.
- Address any issues or concerns raised by students regarding their evaluations in a fair and consistent manner.
- Ensure the higher cognitive level questions in assignments as well as quality of assignment as per OBE philosophy.

#### b) Student Responsibility:

- Complete and submit all assignments by the specified deadlines.
- Prepare for tests according to the syllabus and guidelines provided.
- Seek clarification from faculty on any aspect of the assignments or tests that is unclear.
- Ensure academic integrity by avoiding cheating during tests and assignments.

### 2) Internal Continuous Assessment Policy:

#### • Evaluation Component:

- First year Component: Attendance, Test Performance and Continuous Assessment
- SY, TY and Final Year B.Tech.: Attendance, Test Performance, Laboratory Experiment / Tutorial, Moodle Quiz and LCD/GD/Project.





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• **Weightage:**

- **For course:** The course will be categorized based on Practical Oral Examination (POE), Term Work (TW) and Theory. Marks for each evaluation component will be provided based on category of course. The details are given below:

Class	Category of course	Attendance	Test Performance	Continuous Assessment	Mock POE Exam	Quiz	LCD /GD/ Project	Total
SY, TY & BE	Course with POE, TW & Theory	10	10	10	10	10	--	50
	Course with POE & TW	10	--	10	10	10	10	50
	Course with TW & Theory	10	10	15	--	10	05	50
	Course with only TW	-	--	30	--	--	20	50
All	Course with only theory	Attendance & Test performance will be considered with TW marks of other subjects.						

- **For project and Industrial Training**

Type	Title & synopsis finalization	In semester review / Progress	Certificate	Presentation	Report Writing	Total
BE Project	10	20 [Each review 10 marks]	--	10	10	50
Industrial Training	--	--	20	10	20	50

Each department will ensure the above marks of Projects and Industrial Training should be converted as per marking scheme given in syllabus of each department. It has been decided in HoD meeting that during industry training, the faculty mentor will be provided from institute and he will ensure the involvement of students in industry training in association with industry person.





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➤ **First Year BTech:**

- For first year department the ICA marks calculated based on attendance, test performance and continuous assessment.

- Total 50 marks ICA should be distributed as follows:

Attendance 15 marks + continuous assessment 15 marks + test performance 15 marks.

➤ **SY, TY and Final Year:**

- Student should get 10 marks for attendance.
- Average of best two test marks will be considered for Test performance component.
- Continuous assessment indicates converted average marks of laboratory experiment / Tutorial into 10/15/30 as per applicable.
- LCD/GD/Project: For Second Year LCD, Third Year GD and for Final Year project marks should be considered.
- For each subject, once in two-week multiple choice quiz should be conducted on moodle and their average marks should be converted into 10.
- In case of 25 marks term work head, total mark obtained will be divided by 2.
- Student May earn over & above five marks (not exceeding 25 marks) by participating in extra-curricular activities such as paper presentation/workshops/certification courses.

3) For assessment of ISE assignments, Laboratory experiment/Tutorial and project, rubrics are attached hear with. All faculty members should asses the respective assessment tools as per rubrics provided.

This policy is subject to review and amendments as deemed necessary by the IQAC. Any changes will be communicated to students and faculty in a timely manner.

Copy to

- 1) Deans
- 2) HODs
- 3) Admin Office



**Dr. K. J. Karande**  
Principal



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**Rubrics for ISE, ICA, Mini project and Major Project Assessments**

➤ **In Semester Evaluation (ISE) Rubrics**

Grade/ Criteria	Mark	Poor	Average	Outstanding
<b>Understanding</b>	<b>3</b>	Assignment write up is poor and did not answered question	Assignment is written without understanding and answered few questions	Assignment is written with understanding and answered all questions
		1	2	3
<b>Presentation</b>	<b>3</b>	hand writing is not proper, poor diagram, no stepwise solution	Good hand writing but poor diagram, most of solution stepwise.	Good hand writing, proper diagram, all solution stepwise, minimum language error
		1	2	3
<b>Continuous Assessment (Regularity)</b>	<b>4</b>	assignment not checked in time	assignment completed and checked partially after due date	all assignment completed and checked in time
		1	2-3	4

➤ **Internal Continuous Assessment (ICA) Rubrics**

Grade/ Criteria	Mark	Poor	Average	Outstanding
<b>Understanding and Presentation</b>	<b>5</b>	Experiment not performed in time / executed and write up is not up to the mark	Experiment partially performed in time / executed and write up is up to the mark	Experiment performed in time / executed well and write up is up to the mark
		1	2-3	4-5
<b>Continuous Assessment</b>	<b>5</b>	Student did not answered question and experiment not checked in time	Student answered few questions and experiment completed and checked partially	Student answered all questions and all experiment completed and checked in time
		1	2-3	4-5





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➤ **Rubrics for Group Discussion (GD)**

Grade/ Criteria	Marks	Relevance to PO/PSO	Satisfactory (1)	Good (2)	Very Good (3)	Outstanding (4)
<b>Introduction /Openness</b>	10	PO9, PO10, PO12, PSO1	Moderate explanation	Moderate explanation with good reference	Good explanation with reference	Very Good explanation with reference
			1-3	4-6	7-8	9-10
<b>Consistency &amp; Initiative</b>	10	PO9, PO10, PO12, PSO1	Less consistency with less initiative	Good consistency with moderate initiative	Good consistency with good initiative	Very good consistency with good initiative
			1-3	4-6	7-8	9-10
<b>Communication Skills</b>	10	PO10	Moderate communication	Good communication	Very Good communication	Better communication
			1-3	4-6	7-8	9-10
<b>Body Language</b>	10	PO9, PO10, PO12, PSO1	Poor body language	Good body language	Very good body language	Better body language
			1-3	4-6	7-8	9-10
<b>Analysis Skill &amp; Decision Making</b>	10	PO9, PO10, PO12, PSO1	Poor skills and decision making	Good skills and decision making	Very good skills and decision making	Better skills and decision making
			1-3	4-6	7-8	9-10





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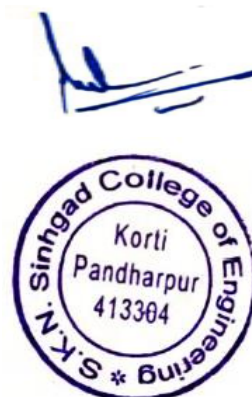
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➤ **Rubrics for LCD Presentation**

Grade/ Criteria	Marks	Relevance to PO/PSO	Satisfactory (1)	Good (2)	Very Good (3)	Outstanding (4)
<b>Presentation Skills (Self Confidence, Body Language, Slide Layout, Leadership)</b>	10	PO9, PO10, PO12, PSO1	Moderate presentation	Good presentation	Very Good presentation	Excellent presentation
			1-3	4-6	7-8	9-10
<b>Subject Depth</b>	5	PO9, PO10, PO12, PSO1	Fair knowledge of subject	Good knowledge of subject	Very good knowledge of subject	Better knowledge of subject
			1-2	3	4	5
<b>Question/ Answer</b>	5	PO9, PO10, PO12, PSO1	No/Less answers given	Good answers	Very good answers	Better answers
			1-2	3	4	5
<b>LCD Report</b>	5	PO9, PO10, PO12, PSO1	Fair Presentations of the selected topic & Fair documentation of the Selected topic	Clear Presentations of the selected topic & Clear documentation of the Selected topic	Good Presentations of the selected topic & Good documentation of the Selected topic	Very Good Presentations of the selected topic & Very Good documentation of the Selected topic
			1-2	3	4	5



## Rubrics for Mini Project (Third Year B.Tech.)

### ➤ Rubrics for Project Progress Review-I

Grade/ Criteria	Mark	Satisfactory (1)	Good (2)	Very Good (3)	Outstanding (4)
<b>Literature Survey</b>	<b>5</b>	Moderate literature review and no references	Moderate literature review and incomplete references	Good literature review and proper references	Very Good literature review and proper references
		1-2	3	4	5
<b>Problem analysis and trouble shooting</b>	<b>5</b>	Fair description of the problem statement	Clear description of the problem statement	Good description of the problem statement	Very Good description of the problem statement
		1-2	3	4	5
<b>Depth of knowledge</b>	<b>5</b>	Fair understanding of problem statement	clear understanding of problem statement	Good understanding of problem statement	Better understanding of problem statement
		1-2	3	4	5
<b>Design and implementation</b>	<b>5</b>	Methodology is suitable, described properly but no system design	Methodology is suitable, described properly and system design is included	Methodology is suitable, described properly and system design is included with explanation of its adoption	Methodology is suitable, described properly and system design is included with explanation of its adoption and examples
		1-2	3	4	5
<b>Presentation and documentation</b>	<b>5</b>	Fair presentation of the problem statement with fair documentation	clear presentation of the problem statement and clear documentation	Good presentation of the problem statement and good documentation	Better presentation of the problem with well documentation
		1-2	3	4	5





➤ Rubrics for Project Progress Review-II

Grade/ Criteria	Mark	Satisfactory (1)	Good (2)	Very Good (3)	Outstanding (4)
<b>Literature Survey (Weekly Report)</b>	<b>5</b>	Moderate literature review and no references	Moderate literature review and incomplete references	Good literature review and proper references	Very Good literature review and proper references
		1-2	3	4	5
<b>Depth of knowledge</b>	<b>5</b>	Fair understanding of problem statement	clear understanding of problem statement	Good understanding of problem statement	Better understanding of problem statement
		1-2	3	4	5
<b>Design Methodology Experimental/ simulation model (CO-1)</b>	<b>15</b>	Methodology is suitable, described properly but no system design	Methodology is suitable, described properly and system design is included	Methodology is suitable, described properly and system design is included with explanation of its adoption	Methodology is suitable, described properly and system design is included with explanation of its adoption and examples
		1-4	5-8	9-11	12-15
<b>Implementation Results &amp; conclusion (CO-2)</b>	<b>10</b>	Result is explained and brief discussion is provided	Result is explained and moderate discussion is provided	Result is explained and good discussion is provided with respect to the problem statement	Result is explained and thorough discussion is provided with respect To the problem statement
		1-3	4-5	6-7	8-10
<b>Presentation and documentation (CO-3)</b>	<b>15</b>	Fair presentation of the project work with fair documentation	clear presentation of the project work and clear documentation	Good presentation of the project work and good documentation	Better presentation of the project work with well documentation
		1-4	5-8	9-11	12-15



➤ **Rubrics for Project Progress Review-III**

<b>Grade/ Criteria</b>	<b>Mark</b>	<b>Satisfactory (1)</b>	<b>Good (2)</b>	<b>Very Good (3)</b>	<b>Outstanding (4)</b>
<b>Literature Survey (Weekly Report)</b>	<b>5</b>	Moderate literature review and no references	Moderate literature review and incomplete references	Good literature review and proper references	Very Good literature review and proper references
		1-2	3	4	5
<b>Depth of knowledge</b>	<b>5</b>	Fair understanding of problem statement	clear understanding of problem statement	Good understanding of problem statement	Better understanding of problem statement
		1-2	3	4	5
<b>Design Methodology</b>	<b>10</b>	Methodology is suitable, described properly but no system design	Methodology is suitable, described properly and system design is included	Methodology is suitable, described properly and system design is included with explanation of its adoption	Methodology is suitable, described properly and system design is included with explanation of its adoption and examples
		1-3	4-5	6-7	8-10
<b>Implementation Results &amp; conclusion</b>	<b>10</b>	Result is explained and brief discussion is provided	Result is explained and moderate discussion is provided	Result is explained and good discussion is provided with respect to the problem statement	Result is explained and thorough discussion is provided with respect To the problem statement
		1-3	4-5	6-7	8-10
<b>Presentation</b>	<b>10</b>	Clear presentation of the project work	Good presentation of the project work	Very good presentation of the project work	Better presentation of the project work
		1-3	4-5	6-7	8-10
<b>Report writing</b>	<b>10</b>	Fair documentation	Clear presentation and documentation	Good presentation and documentation	Better presentation and well documentation
		1-3	4-5	6-7	8-10



## Rubrics for Major Project (Final Year B.Tech.)

➤ Rubrics for Project Progress Review-I

Grade/ Criteria	Mark	Satisfactory (1)	Good (2)	Very Good (3)	Outstanding (4)
<b>Literature Survey &amp; Selection of a topic (CO-1) (GA)</b>	5	Moderate literature review and Fair description of the selected topic	Moderate literature review and Clear description of the selected topic	Good literature review and Good description of the selected topic	Very Good literature review and Very Good description of the selected topic
<b>Understanding basic knowledge &amp; Communication (CO-2) (IA)</b>	5	Fair description of the Concept/ Techniques related to the selected topic	Clear description of the Concept/ Techniques related to the selected topic	Good description of the Concept/ Techniques related to the selected topic	Very Good description of the Concept/ Techniques related to the selected topic
<b>Presentation (GA and IA)</b>	5	Fair Presentations of the selected topic	Clear Presentations of the selected topic	Good Presentations of the selected topic	Very Good Presentations of the selected topic
<b>Documentation (CO-3) (GA)</b>	5	Fair documentation of the Selected topic	Clear documentation of the Selected topic	Good documentation of the Selected topic	Very Good documentation of the Selected topic
<b>Conclusion and action plan (CO-4) (GA)</b>	5	Fair conclusion of the selected topic	Clear conclusion of the selected topic	Good conclusion of the selected topic	Very Good conclusion of the selected topic

**IA- Individual assessment,**

**GA- Group assessment**



➤ **Rubrics for Project Progress Review-II**

<b>Grade/ Criteria</b>	<b>Mark</b>	<b>Satisfactory (1)</b>	<b>Good (2)</b>	<b>Very Good (3)</b>	<b>Outstanding (4)</b>
<b>Literature Survey (CO-1) (GA)</b>	<b>5</b>	Moderate literature review and no references	Moderate literature review and incomplete references	Good literature review and proper references	Very Good literature review and proper references
<b>Problem analysis ( CO-2) (GA)</b>	<b>5</b>	Fair description of the problem statement	Clear description of the problem statement	Good description of the problem statement	Very Good description of the problem statement
<b>Depth of knowledge (CO-3) (IA)</b>	<b>5</b>	Fair understanding of problem statement	clear understanding of problem statement	Good understanding of problem statement	Better understanding of problem statement
<b>Design Methodology (CO-4 &amp;5) (GA)</b>	<b>15</b>	Methodology is suitable, described properly but no system design	Methodology is suitable, described properly and system design is included	Methodology is suitable, described properly and system design is included with explanation of its adoption	Methodology is suitable, described properly and system design is included with explanation of its adoption and examples
<b>Implementation Results &amp; conclusion (CO-6) (GA)</b>	<b>10</b>	Result is explained and brief discussion is provided	Result is explained and moderate discussion is provided	Result is explained and good discussion is provided with respect to the problem statement	Result is explained and thorough discussion is provided with respect To the problem statement
<b>Presentation and documentation (GA and IA)</b>	<b>10</b>	Fair presentation of the problem statement with fair documentation	clear presentation of the problem statement and clear documentation	Good presentation of the problem statement and good documentation	Better presentation of the problem with well documentation

**IA- Individual assessment,**

**GA- Group assessment**



➤ **Rubrics for Project Progress Review-III**

<b>Grade/ Criteria</b>	<b>Mark</b>	<b>Satisfactory (1)</b>	<b>Good (2)</b>	<b>Very Good (3)</b>	<b>Outstanding (4)</b>
<b>Literature Survey (Weekly Report) (GA)</b>	<b>5</b>	Moderate literature review and no references	Moderate literature review and incomplete references	Good literature review and proper references	Very Good literature review and proper references
<b>Depth of knowledge (IA)</b>	<b>5</b>	Fair understanding of problem statement	clear understanding of problem statement	Good understanding of problem statement	Better understanding of problem statement
<b>Design Methodology Experimental/ simulation model (CO-1) (GA)</b>	<b>15</b>	Methodology is suitable, described properly but no system design	Methodology is suitable, described properly and system design is included	Methodology is suitable, described properly and system design is included with explanation of its adoption	Methodology is suitable, described properly and system design is included with explanation of its adoption and examples
<b>Implementation Results &amp; conclusion (CO-2) (GA)</b>	<b>10</b>	Result is explained and brief discussion is provided	Result is explained and moderate discussion is provided	Result is explained and good discussion is provided with respect to the problem statement	Result is explained and thorough discussion is provided with respect To the problem statement
<b>Presentation and documentation (CO-3) (GA and IA)</b>	<b>15</b>	Fair presentation of the project work with fair documentation	clear presentation of the project work and clear documentation	Good presentation of the project work and good documentation	Better presentation of the project work with well documentation

**IA- Individual assessment,**

**GA- Group assessment**



➤ **Rubrics for Project Progress Review-IV**

<b>Grade/ Criteria</b>	<b>Mark</b>	<b>Satisfactory (1)</b>	<b>Good (2)</b>	<b>Very Good (3)</b>	<b>Outstanding (4)</b>
<b>Literature Survey (Weekly Report) (GA)</b>	<b>5</b>	Moderate literature review and no references	Moderate literature review and incomplete references	Good literature review and proper references	Very Good literature review and proper references
<b>Depth of knowledge (IA)</b>	<b>5</b>	Fair understanding of problem statement	clear understanding of problem statement	Good understanding of problem statement	Better understanding of problem statement
<b>Design Methodology (GA)</b>	<b>10</b>	Methodology is suitable, described properly but no system design	Methodology is suitable, described properly and system design is included	Methodology is suitable, described properly and system design is included with explanation of its adoption	Methodology is suitable, described properly and system design is included with explanation of its adoption and examples
<b>Implementation Results &amp; conclusion (GA)</b>	<b>10</b>	Result is explained and brief discussion is provided	Result is explained and moderate discussion is provided	Result is explained and good discussion is provided with respect to the problem statement	Result is explained and thorough discussion is provided with respect To the problem statement
<b>Presentation (IA)</b>	<b>10</b>	Clear presentation of the project work	Good presentation of the project work	Very good presentation of the project work	Better presentation of the project work
<b>Report writing (GA and IA)</b>	<b>10</b>	Fair documentation	Clear presentation and documentation	Good presentation and documentation	Better presentation and well documentation

**IA- Individual assessment,**

**GA- Group assessment**

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**Dr. K. J. Karande  
Principal**