



INTERNATIONAL SCHOOL OF TECHNOLOGY AND SCIENCES FOR WOMEN (An Autonomous Institution)

(Approved by AICTE New Delhi, Affiliated to JNTUK Kakinada, Accredited by NBA and NAAC with A+ Grade)

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The Quality Relevance of Assessment Tools / Processes Used

Direct Assessment:

Direct assessment of theory courses is carried out by Internal and External assessment of each defined outcome of a course. Internal assessment is done by Assignments, MID Examinations, Quiz Examinations and External Assessment by End Examination conducted by the JNTUK. The each PO attainment of corresponding to a particular course is determined from the attainment values obtained for each course outcome related to that PO and the CO-PO mapping values.

Similarly, the values of PSO attainment are also determined.

Assessment for Theory subjects:

Internal Test:

Two mid examinations are conducted during a semester.

- Each mid consists of Descriptive exam for 15 marks, Quiz for 10 Marks and Assignment for 5 Marks.
- Final marks for internal assessment was carried out as follows:

$$\text{Final Internal Marks} = (\text{Best Mid Marks} \times 0.8 + \text{other Mid marks} \times 0.2)$$

The questions in the internal examinations are mapped against COs of respective course. The questions for two internal examinations are framed in such a way to cover all course outcomes.

Two assignments are given for each course for continuous assessment. Average marks are considered.

End Semester Examinations (Theory):

End semester examinations are conducted by University.

The external exam is for 70 marks, consists of Part – A for 14 Marks and Part -B for 56 Marks.

- Part A consists of one compulsory question.
- Part-B consists of 6 questions, each question is from one unit and may contain sub questions also. Students can chose any FOUR question from these SIX Questions.

Assessment for Practical subjects:

- The internal marks for practical subjects are 25 marks. Out of which 10 marks are for day-to-day work, 5 marks for record work and 10 marks for internal test.
- Continuous evaluation is done by the faculty in every lab session for 15 marks and average of all lab session marks are considered as day-to-work and record marks.

Rubrics for continuous evaluation in every Lab Session

Parameter	Allocated Marks	Min Marks	Average Marks	Max Marks
Procedure Writeup & Execution	7 Marks	Procedure written but not executed	Procedure written and Partially Executed / Incorrect output	Procedure written and Successfully Executed
		0-2 Marks	3-5 Marks	6-7 Marks
Viva – Voce	3 Marks	Not Answered	Some of the questions are answered correctly.	All the questions are answered correctly.
		0 Marks	2 Mark	3 Marks
Record	5 Marks	Record not submitted in the lab session.	Record submitted after due time / incomplete record.	Record submitted with in time.
		0 Marks	2-3 Marks	5 Marks

The internal exam is carried out for 10 marks at end of the semester as per the following rubrics.

Rubrics for continuous evaluation at end of semester (Internal Lab)

Parameter	Allocated Marks	Min Marks	Average Marks	Max Marks
Procedure Writeup	3 Marks	Not able to write the procedure.	Procedure written but incomplete.	Procedure written completely.
		0 Marks	1-2 Marks	3 Marks
Execution	5 Marks	Not able to execute	Partially Executed / Incorrect output	Successfully Executed
		0 Marks	1-3 Marks	4-5 Marks
Viva – Voce	2 Marks	Not Answered any questions	Some of the questions are answered correctly.	All the questions are answered correctly.
		0 Marks	1 Mark	2 Marks

End Semester Examinations (Practical):

End semester examinations are conducted by University. The external marks for practical subjects are 75 marks and External Examiner appointed by University

Assessment for Seminar:

Each student has to be evaluated based on the presentation of any latest topic with report of 10-15 pages and a ppt of min 10 slides. The seminar report shall be evaluated for 50M by the Departmental Committee consisting of Head of the Department, seminar supervisor and a senior faculty member of the department. The rubrics for the seminar is as follows.

Rubrics for Seminar

Parameter	Allocated Marks	Min Marks	Average Marks	Max Marks
Topic Selection	10 Marks	Too general / irrelevant topic	Moderate Topic	Advanced Topic
		0-2 Marks	3-6 Marks	7-10 Marks
Presentation	15 Marks	Quality of PPT is low/improper communication	Some important slides or missing / slides are not presented properly	Satisfactory technical content and good communication.
		0-4 Marks	5-10 Marks	11-15 Marks
Level of Understanding	15 Marks	Not aware of selected topic.	Slightly moderate understanding of the selected topic.	Proper understanding of the selected topic was observed.
		0-3 Marks	4-10 Mark	11-15 Marks
Report Writing	10 Marks	Improper format	Few of the pages in report as not aligned perfectly.	Follows the format strictly.
		0-3 Marks	4-8 Marks	9-10 Marks

Assessment for Project Work:

Project work is carried out for 200 marks out of which, 60 marks for internal evaluation and 140 marks end semester examination (Viva-Voce).

Internal evaluation of the project work shall be evaluated by an internal committee at the end of the IV year II Semester based on the two seminars given by each student on the topic of his/her project.

Rubrics for Project Internal Evaluation

Parameter	Allocated Marks	Min Marks	Average Marks	Max Marks
Problem Identification	10 Marks	Explanation of need of the project is minimum.	Moderate explanation about need of the project.	Detailed explanation about need of the project.
		2-4 Marks	5-7 Marks	8-10 Marks
Literature Review	10 Marks	Minimum.	Average	Detailed
		2-3 Marks	4-7 Marks	8-10 Marks
Methodology of the Project	10 Marks	Methodology of the project and objectives defined are incomplete/not satisfied.	Methodology of the project and objectives are need to be defined clear.	Methodology to solve the problem and objectives are defined clearly.
		2-3 Marks	4-7 Marks	8-10 Marks

Feasibility of the Project	10 Marks	Explanation needs to be improved extensively.	Average study of the existing system and feasibility study.	Detailed explanation of existing system and proposed system.
		0-2 Marks	3-7 Marks	8-10 Marks
Planning of Project Work	10 Marks	Time framework not properly Specified.	Time framework properly specified but not being followed.	Time framework properly specified and being followed.
		0-2 Marks	3-6 Marks	7-10 Marks
Presentation	10 Marks	Contents of Presentations are not appropriate and not well delivered. Poor delivery of presentation.	Contents of Presentations are appropriate but not well delivered. Eye contact with a few people and unclear voice.	Contents of Presentations are appropriate and well delivered. Proper eye contact with audience and clear voice with good language.
		0-2 Marks	3-6 Marks	7-10 Marks

Project External assessment:

The external marks for Project is 140, which will be conducted by the committee consists of an external examiner, Head of the Department and Supervisor of the Project.

Indirect Assessment:

- Indirect assessment is done through program exit survey, alumni survey, employer survey and additional activities.
- Calculation of Indirect assessment = Average of program exit survey, alumni survey, employer survey and additional activities.

Program exit survey:

A program exit survey is conducted for students who have graduated out of the department for that year. Relevant questionnaire in program exit survey form to evaluate attainment of POs and PSOs with questionnaire is given below

Questionnaire Format

Kindly rate the following criteria on a scale of 1-5. Your genuine response will be helpful for the continuous quality improvement of our UG program in CCE.

5.Excellent 4. Very Good 3. Good 2.Average 1.Poor



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