ARYA Institute of Engg. & Technology (AIET)

(Affiliated to RTU | Approved by AICTE, New Delhi)

- SP-40, RIICO Industrial Area, RIICO-Kukas, Jaipur-302028
- Ph. 0141-2820700, 5148801
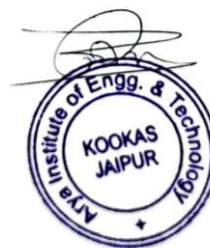- www.aryainstitutejpr.com
- Toll Free: 1800 102 1044

2.6.2

Attainment of Programme outcomes, Programme specific outcomes and course outcomes are evaluated by the institution.

Attainment of Course Outcomes Methods and tools used

DIRECT ASSESSMENT	**MID TERM EXAMS**	*Midterm and University theory exams are used to check up to which level the defined CO's are attained.*
	UNIVERSITY EXAMS	
	LAB EVALUATION	*This is a continuous assessment to analyze students' practical knowledge.*
	LAB INTERNAL ASSESSMENT	*Internal and University External practical exams are used to check up to which level the defined CO's attained.*
	LAB EXTERNAL	
	TUTORIAL/ASSIGNMENT	*These are methods used to test the analytical skills of the students by making them to find solutions of difficult problems.*
	OUTCOME BASED APPROACH	*It is a tool used to evaluate the real time problem solving skills using techniques like case study, application based questions and projects.*
INDIRECT ASSESSMENT	**FEEDBACK**	*It includes students' feedback. It is used to identify the gaps in the curriculum with reference to POs, PSOs and industry perspectives. Based on the feedback short term courses, workshops, seminars etc. required to bridge the gap can be organized*

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CO Assessment Methodology and Tools

CO Assessment Tool	Weightage	Assessment Frequency	Facilitator	Reviewer
MID TERM EXAMS	40%	**Twice:** **Mid Term-I:** In the middle of the semester (60% course coverage) **Mid Term-II:** At the end of semester (40% course coverage)	Course Coordinator	Academic Committee
UNIVERSITY EXAMS	25%	**Once:** End of Semester	Rajasthan Technical University	
TUTORIAL ASSIGNMENT	15%	**01 per Unit** Approximately **05** in a Semester	Course Coordinator	Academic Committee
Outcome based Approach (Case Study) (Application Based)	10%	**Once:** In a Semester	Course Coordinator	Academic Committee
FEEDBACK	10%	Student's feedback conducted one's in a semester	Academic Committee	Academic Committee

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Attainment of course outcomes with respect to set attainment levels

Attainment Levels

DIRECT ASSESSMENT	MID TERM EXAMS	*Attainment Level 1:* *50% Students Scoring more than target % marks* *Attainment Level 2:* *60% Students Scoring more than target % marks*
	UNIVERSITY EXAMS (RTU)	*Attainment Level 2:* *70% Students Scoring more than target % marks*
	TUTORIAL / ASSIGNMENT	*Attainment Level 1:* *60% Students Scoring more than target % marks* *Attainment Level 2:* *70% Students Scoring more than target % marks*
	OUTCOME BASED APPROACH	*Attainment Level 2:* *80% Students Scoring more than target % marks*

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Attainment of POs and PSOs Methods and tools used
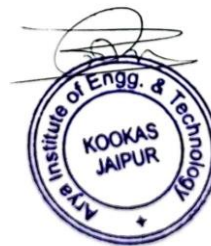
Methods

<table>
<tr>
<td rowspan="6">DIRECT ASSESSMENT</td>
<td>MID TERM EXAMS</td>
<td rowspan="2">Midterm and University theory exams are used to check up to which level the defined CO's are attained.</td>
</tr>
<tr>
<td>UNIVERSITY EXAMS</td>
</tr>
<tr>
<td>TUTORIAL/ASSIGNMENT</td>
<td>These are methods used to test the analytical skills of the students by making them to find solutions of difficult applied problems.</td>
</tr>
<tr>
<td>OUTCOME BASED APPROACH</td>
<td>It is a tool used to evaluate the real time problem solving skills using techniques like case study, application based questions and mini projects.</td>
</tr>
<tr>
<td>CAREER ORIENTED ACTIVITIES</td>
<td>Methods like Group discussions, Personal Interviews, Mock drives and an aptitude classes are used to test students' logical and inter personal skills.</td>
</tr>
<tr>
<td>STUDENT PORTFOLIO</td>
<td>It includes Conferences, technical and social events and workshops which are conducted to polish the curricular, extracurricular and co-curricular skills of students</td>
</tr>
<tr>
<td>INDIRECT ASSESSMENT</td>
<td>FEEDBACK</td>
<td>It includes Program Exit Survey/curriculum and program levels, Parents Survey, Alumni Survey, Employer Survey and students' feedback. . It is used to identify the gaps in the curriculum with reference to POs, PSOs and industry perspectives. Based on the feedback short term courses, workshops, seminars etc. required to bridge the gap can be organized.</td>
</tr>
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PO and PSO Assessment Methodology and Tools

PO Assessment Tool	Weightage	Assessment Frequency	Facilitator	Reviewer
CO ATTAINMENT	50%	-	Course Coordinator	Quality Improvement Committee
CAREER ORIENTED ACTIVITIES	15%	Once: End of semester	Placement Coordinator	Quality Improvement Committee
STUDENT PORTFOLIO	15%	Once: End of semester	Tutor	Quality Improvement Committee
FEEDBACK	20%	Twice	Quality Improvement Committee, Principal	Quality Improvement Committee