



## GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING FOR WOMEN

KOMMADI, MADHULANAGI, VISAKHAPATNAM - 530 048

(APPROVED BY AICTE, NEW DELHI, AFFILIATED TO ANDHRA UNIVERSITY, VISAKHAPATNAM)

(ACCREDITED BY NATIONAL BOARD OF ACCREDITATION [NBA] FOR B.TECH CSE, ECE AND IT - VALID FROM 2019-22 AND 2022-23)

(ACCREDITED BY NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL [NAAC] WITH A GRADE- VALID FROM 2022-27)

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### Assessment and Evaluation procedures

The mechanism of internal assessment is as per the regulations issued by the affiliating university.

1. JNTUK
2. AU

As per the JNTUK University, R19 regulations distribution and weightage of marks is as follows:

- a.) There are 2 MID-term Internal tests (each MID-term Internal test consists of 25 marks and it comprises of descriptive tests (10M), Online quiz (10) and assignment (5M). 80% of the best and 20% of the other is considered under R19 regulation. The university conducts External Semester End Examination that carries a weightage of 75 marks.

The subjective examination is for 90 minutes duration conducted for 10 marks. Each subjective type test question paper shall contain 3 questions and all questions need to be answered. The Objective examination conducted for 10 marks (Conducted at College level with 20 Multiple choice question with a weightage of ½ Mark each). The objective examination is for 20 minutes duration. As the syllabus is framed for 5 units, the 1st mid examination (both Objective and Subjective) is conducted from first two and half units and second test on the rest of the syllabus of each subject in a semester. The Objective examination conducted for 10 marks and subjective examination conducted for 10 marks are to be added to the assignment marks of 5 for finalizing internal marks for 25.

For ensuring the quality of the question paper of subjective examination, each departments Department Advisory Committee (DAC) checks the levels of questions given from each unit for the midterms. The Objective examination paper is given by the JNTUK and to evaluate the assignment marks, the following are the rubrics followed by all the departments:



## ASSIGNMENT RUBRICS

DIMENSIONS	SCALES			
	4	3	2	1
<b>Understanding the Topic</b> (1M)	Complete Understanding of the topic.	Part of the topic is misunderstood.	Most of the topic is misunderstood.	Complete misunderstanding of the topic.
<b>Organization / Logic / Relevance</b> (3M)	The solution is well written statements are mutually supporting and followed from one another to address the question. Achieves the Learning Objective.	Some parts are not clear, statements are usually mutually supporting and follow from one another but does not address the question explicitly to achieve the Learning Objective.	Most of the parts are not clear, statements hang together but other parts are unclear to address the question. Achieves Learning Objectives minimally.	It is hard or impossible to understand since answers of the question are either too vague or filled with trivial details. Fails to achieve the Learning Objectives.
<b>On Time Submission</b> (1M)	Submission of Assignment on time.	Submission of Assignment almost on time.	Submission of Assignment with little delay.	Submission of Assignment is late.

The end semester examination is conducted by JNTUK covering the topics of all Units for 75 marks. End Exam Paper contains five questions for 15 marks each. For each question there will be an “either” “or” choice, which means that there will be two questions from each unit and the student should answer either of the two questions.

### b.) Practical Examination

For the subjects having practical examinations, the maximum marks are 50 and is distributed as follows:

#### Internal Evaluation

- i. Day to Day Evaluation (5M)
- ii. Record work (5M)
- iii. Internal Lab examination (10M)

#### External Evaluation

- iv. External Lab Examination carries a weightage of 30M



The following rubric is used to evaluate **Lab internal Evaluation marks**:

Internals	Dimensions	Scales			
		4	3	2	1
<b>Day to Day Performance</b>	<b>Attendance</b> (1)	Attended and completed on the same day	Attended and partially completed on the same day	Attended but completed in the extra lab	Not attended but completed in the extra lab
	<b>Understanding of the Experiment</b> (1)	Complete understanding of the experiment with learning objectives	Partial understanding of the experiment with learning objectives	Most of the experiment misunderstood	Complete misunderstanding of the experiment
	<b>Implementation with result analysis</b> (2)	Complete implementation with result analysis and interpretation	Complete implementation with result analysis only	Complete implementation with result analysis and interpretation in extra lab	Complete implementation with result analysis only in extra lab
	<b>Observation submission on time</b> (1)	Submission of the observation on time	Submission of the observation almost on time	Submission of the observation immediately after the extra lab	Submission of the observation after the extra lab
<b>Record</b>	<b>Comprehensiveness &amp; Legible</b> (3)	Write all the elements of the experiments which can be easily readable	Write all the elements of the experiments with poor handwriting	Some elements are missing but presented clearly	Some elements are missing and poor handwriting
	<b>Timely Submission</b> (2)	Submission of the record on time	Submission of the record almost on time	Submission of the record immediately after the extra lab	Submission of the record after the extra lab
<b>Internals</b>	<b>Aim of the experiment</b> (2)	Complete understanding of the learning objectives and outcomes	Complete understanding of the learning objectives only	Partial understanding of the learning objectives	Misunderstanding of the learning objectives
	<b>Write up</b> (3)	Write all the elements of the experiments which can be easily readable	Write all the elements of the experiments with poor handwriting	Some elements are missing but presented clearly	Some elements are missing and poor handwriting
	<b>Implementation &amp; result analysis</b> (3)	Complete implementation with result analysis and interpretation	Complete implementation with result analysis only	Partial implementation with result analysis only	Partial implementation only
	<b>Viva- Voce</b> (2)	Experiment and subject knowledge with good oral presentation	Experiment and subject knowledge with poor oral presentation	Partial experiment knowledge with poor oral presentation	Partial subject knowledge with poor oral presentation



The end examination shall be conducted by the teacher concerned and external examiner.

c.) For the subject having design and / or drawing, (such as Engineering Graphics, Engineering Drawing, Machine Drawing) and estimation, the distribution shall be 25 marks for internal evaluation ( 15 marks for day – to – day work, and 10 marks for internal tests) and 75 marks for end examination. There shall be two internal tests in a Semester and the Marks for 10 can be calculated with 80% weightage for best of the two tests and 20% weightage for other test and these are to be added to the marks obtained in day to day work.

d.) The Project work I carries a total of 50 marks and of which 20 marks are internal and the rest 30 marks are awarded by the External.

- The project internal mark of 20 is distributed as follows:  
Out of 20 marks, 10 marks are given by the internal guide according to the following parameters:

- 1) Day-to-Day Work (5 Marks)
- 2) Report (5 Marks)

The remaining 10 marks are allotted by conducting two internal reviews:

- 5) Review-1 (10 Marks)
- 6) Review-2 ( 10 Marks)

- The Final External Review carries 30 Marks and is conducted by External Faculty nominated by JNTUK together with Internal Project Review Committee.

The following rubric is used to evaluate **Project Work I**:

Project Internals	Dimensions	Scales			
		4	3	2	1
Day to Day Performance by Guide	Day to Day work (2M)	Successfully completed the work in time with result analysis and interpretation with required learning objectives	Successfully completed the work in time with validation of results and required learning objectives	Successfully completed the work in time but validations are used at some places only	Successfully completed the work with changes as suggested with delay
	Team work & Time Management (3 M)	Contribution towards completion of the assigned work in the team for timely submission	Contribution towards completion of the assigned work in the team with a delay	Independently completed the assigned work in the team but accepted with modifications	Independently completed the assigned work but team usually rejects
	Report	The work is organised with clear	The work is organised with clear	Sometime uses effective strategy but	The work appears unorganised,



	(5M)	diagrams and sketches using efficient strategy and/or procedures	diagrams and sketches using almost effective strategy and/or procedures	with inconsistent diagrams and sketches	rarely uses effective strategies with inconsistent diagrams and sketches
Project Review I	Selection of area (2 M) CO1	Excellent literature survey and high demand in societal need.	Understanding of the literature survey and high demand in societal need.	Minimum Understanding of the literature survey and high demand in societal need.	Lack of understanding of the literature survey and high demand in societal need.
	Defining the Problem (3 M) CO2 & CO3	Excellent identification of Gap, Timeframe, Impact, and high Importance of the problem	identification of Gap, Timeframe, Impact, and moderate Importance of the problem	identification of Gap, Timeframe, Impact, and moderate less Importance of the problem	Lack of identification of Gap, Timeframe, Impact, and moderate less Importance of the problem
	Teamwork & Presentation (5 M) CO4 & CO5	Able to answer with precision & completeness; confident and professional	Able to answer with precision & completeness ; almost confident and professional	Able to answer with precision but lack of confidence and professional behaviour	Missing conceptual information with lack of confidence and professional behaviour
Project Review II	Submission of Abstract (5 M)	Excellent understanding of the problem and interpretation with required project outcomes	Understanding of the problem and lack of interpretation with required project outcomes	Minimum Understanding of the problem with required project outcomes	Lack of understanding of the problem and project outcomes
	Teamwork & Presentation (5 M)	Able to answer with precision & completeness; confident and professional	Able to answer with precision & completeness ; almost confident and professional	Able to answer with precision but lack of confidence and professional behaviour	Missing conceptual information with lack of confidence and professional behaviour

e.) The Project work II carries a total of 150 marks and of which 60 marks are internal and the rest 90 marks are awarded by the External.

- The project internal mark of 60 is distributed as follows:

Out of 60 marks, 30 marks are given by the internal guide according to the following parameters:

- 1) Day-to-Day Work (15 Marks)
- 2) Report (15 Marks)

The remaining 30 marks are allotted by conducting two internal reviews:

- 5) Review-1 (10 Marks)



6) Review-2 ( 20 Marks)

- The Final External Review carries 90 Marks and is conducted by External Faculty nominated by JNTUK together with Internal Project Review Committee.

The following rubric is used to evaluate **Project Work II**:

Project Internals	Dimensions	Scales			
		4	3	2	1
Continuous assessment by guide	Day to Day work (5M)	Successfully completed the work in time with result analysis and interpretation with required learning objectives	Successfully completed the work in time with validation of results and required learning objectives	Successfully completed the work in time but validations are used at some places only	Successfully completed the work with changes as suggested with delay
	Team work (5M)	Able to handle all work-related questions with illustrative explanation	Answered most questions correctly and with less illustrative explanation	Answered most questions correctly but sometimes needed clarifications	Answered few questions
	Regularity (5M)	Students having more than 85% in the project attendance	Students having 80%- 85% in the project attendance	Students having 75%- 80% in the project attendance	Students having 65%- 75% in the project attendance
Report Writing (15M)	Documentation (10M)	The work is organised with clear diagrams and sketches using efficient strategy and/or procedures	The work is organised with clear diagrams and sketches using almost effective strategy and/or procedures	Sometime uses effective strategy but with inconsistent diagrams and sketches	The work appears unorganised, rarely uses effective strategies with inconsistent diagrams and sketches
	Involvement (5M)				
Project Review I & II	Presentation (10M) CO4 & CO5	Excellent preparation, Well delivered and organised	Good delivery and preparation, presents idea in an effective manner	Preparation, organisation and delivery satisfactory	Lack of delivery and organisation, minimum preparation
	Analysis, Design and Implementation with valid results (10M) CO1, CO2 & CO3	Able to analyze, Design and implement with valid results of the given problem statement	Able to analyze, Design and implement with results of the given problem statement	Able to analyze and Design the given problem statement	Able to analyze the given problem statement
	Viva (10M) CO1—5	Able to answer with precision & completeness; confident and professional	Able to answer with precision & completeness ; almost confident and professional	Able to answer with precision but lack of confidence and professional behaviour	Missing conceptual information with lack of confidence and professional behaviour



The following rubric is used to evaluate **Best Project**:

Factors	3	2	1
<b>Objective and Problem Definition</b> ( 10 M )	Objective and problem definitions are well defined.  Extensive explanation on the limitations of the existing system.  Advanced or Innovative idea.	Objective and problem definitions are well defined.  Extensive explanation on the limitations of the existing system.	Objective and problem definitions are well defined.  Good/ moderate explanation on the existing system.
<b>Implementation and Results</b> (30 M)	Implemented and obtained valid results.  Comparison of the results with results of existing system.	Implemented and obtained valid results.  Extensive Analysis and description of the obtained results.	Implemented and obtained valid results.  Good/Moderate Analysis and description of the obtained results.
<b>Usage of Modern Tools</b> (25 M)	Effective usage of modern Software/Hardware for implementation	Moderate usage of modern Software/Hardware for implementation	usage of conventional Software/Hardware for implementation
<b>Technical Report Writing</b> (25 M)	Thesis is well written and organized as per the given template  with clear diagrams and equations using toolboxes	Thesis is well written and organized as per the given template  with clear diagrams and equations	Thesis is well written and appears unorganized as per the given template  with inconsistent diagrams and equations
<b>Useful for society</b> (5 M)	Prototype is developed and can be upgraded for real time usage in society and recognized by external agencies	Prototype is developed and can be upgraded for real time usage in society	Prototype is developed and need further improvement to meet real time usage in society
<b>Scope for publication</b> (5 M)	The results and discussions presented are better than the existing system with use of new methods.	The results and discussions presented can be extended to improve the results than the existing system.	Need more analysis on results and discussions to know the derived results are better than the existing systems.

- f.) Engineering Exploration Project carries a total of 50 marks out of which 20 are internal marks and 30 external marks.
- Two internal evaluations in the form of presentations are conducted. For a total of 20 marks, 80% of best one of the two evaluation and 20% of the other evaluation are added and finalized.
  - For external carries 30 marks and is conducted by External Faculty nominated by JNTUK together with Internal Review Committee.
- g.) Mini Project with Hardware development carries 50 external marks. It is conducted by External Faculty nominated by JNTUK together with Internal Review Committee.



## Distribution and Weightage of Marks (R19)

Sl. No.	Distribution	Frequency	Description																								
1	Internal Tests	Twice in a semester	<table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th colspan="4" style="text-align: center;">Internal test 1</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Q. No.</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> <td style="text-align: center;">3</td> </tr> <tr> <td style="text-align: center;">Marks</td> <td style="text-align: center;">08</td> <td style="text-align: center;">08</td> <td style="text-align: center;">04</td> </tr> </tbody> </table> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th colspan="4" style="text-align: center;">Internal test 2</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Q. No.</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> <td style="text-align: center;">3</td> </tr> <tr> <td style="text-align: center;">Marks</td> <td style="text-align: center;">08</td> <td style="text-align: center;">08</td> <td style="text-align: center;">04</td> </tr> </tbody> </table> <ul style="list-style-type: none"> <li>• DAC will ensure the quality of question and scheme of evaluation</li> <li>• The internal descriptive marks are reduced to 10 marks</li> </ul>	Internal test 1				Q. No.	1	2	3	Marks	08	08	04	Internal test 2				Q. No.	1	2	3	Marks	08	08	04
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2	Assignment	Twice in a semester	<p>Assignment 1 questions covering Unit 1-3 is given to students before the internal test1 to evaluate for 5 marks as per the rubric.</p> <p>Assignment 2 questions covering Unit 3-5 is given to students before the internal test2 to evaluate for 5 marks as per the rubric.</p>																								
3	Online quiz	Twice in a semester	<p>Quiz 1 of 20 questions covering unit 1-3 is conducted for the students during the internal test1 by JNTUK to evaluate for 10 marks.</p> <p>Quiz 2 of 20 questions covering unit 3-5 is conducted for the students during the internal test2 by JNTUK to evaluate for 10 marks.</p>																								
<ul style="list-style-type: none"> <li>• The total marks secured by the student in each mid-term examination are evaluated for 25 marks</li> <li>• The marks secured by the students from the above internal tests 1 &amp; 2 (Descriptive + Objective + Assignment) are finally considered as 80% of the best and 20% of the other</li> <li>• Final internal Marks = (Best of (Mid-1/Mid-2) marks x 0.8 + Least of (Mid-1/Mid-2) marks x 0.2)</li> </ul>																											
4	Internal Laboratory Tests	Twice in a semester	<ul style="list-style-type: none"> <li>• Experiment wise evaluation/ Weekly evaluation of Day-to-Day and Record work for each experiment is evaluated for the marks 5 and 5 respectively</li> <li>• Two internal tests are conducted for 10 marks each covering all the list of experiments as per JNTUK syllabus</li> <li>• The rubrics developed for evaluation of Day-to-Day, Record work and internal marks are used.</li> </ul>																								
5	Semester-End Examinations (Theory / Practical)	Once in a semester	<ul style="list-style-type: none"> <li>• The external theory exam is conducted by JNTUK for 75 marks covering all 5 units</li> <li>• The external lab exam is scheduled by JNTUK for 30 marks covering all experiments.</li> </ul>																								
6	Seminar	Once in a curriculum	<ul style="list-style-type: none"> <li>• 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</li> <li>• The Seminar report is evaluated for 50 marks by the internal department committee</li> <li>• The rubrics developed for evaluation of ppt and report is used</li> <li>• There is no external examination for Seminar</li> </ul>																								
7	Project work	Twice in a curriculum	<ul style="list-style-type: none"> <li>• The Project work I carries a total of 50 marks and of which 20 marks are internal and the rest 30 marks are awarded by the External</li> <li>• The Project work II carries a total of 150 marks and of which 60</li> </ul>																								





			<p>marks are internal and the rest 90 marks are awarded by the External</p> <ul style="list-style-type: none"> <li>project work I evaluation</li> </ul> <table border="1"> <tr> <th colspan="3">Internal Guide Evaluation</th> </tr> <tr> <td>Rubrics</td> <td>Day-to-Day Work</td> <td>Report</td> </tr> <tr> <td>Marks</td> <td>05</td> <td>05</td> </tr> <tr> <th colspan="3">Internal Review</th> </tr> <tr> <td colspan="3">10</td> </tr> </table> <ul style="list-style-type: none"> <li>project work II evaluation</li> </ul> <table border="1"> <tr> <th colspan="3">Internal Guide Evaluation</th> </tr> <tr> <td>Rubrics</td> <td>Day-to-Day Work</td> <td>Report</td> </tr> <tr> <td>Marks</td> <td>15</td> <td>15</td> </tr> <tr> <th colspan="3">Internal Review</th> </tr> <tr> <td colspan="3">30</td> </tr> </table> <ul style="list-style-type: none"> <li>The rubrics developed for evaluation of Guide and Review is used</li> <li>Final External Review is conducted by External Faculty nominated by JNTUK together with Internal Project Review Committee</li> <li>The rubrics are also developed for choosing the best projects by considering the total marks</li> </ul>	Internal Guide Evaluation			Rubrics	Day-to-Day Work	Report	Marks	05	05	Internal Review			10			Internal Guide Evaluation			Rubrics	Day-to-Day Work	Report	Marks	15	15	Internal Review			30		
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8	Engineering drawing	Once in a curriculum	<ul style="list-style-type: none"> <li>Internal marks are evaluated for 25 marks</li> <li>15 marks for continuous Assessment (day-to-day work)</li> <li>Two internal exams are conducted for 10 marks</li> <li>Final internal Marks = (Best of (Mid-1/Mid-2) marks x 0.8 + Least of (Mid-1/Mid-2) marks x 0.2)</li> <li>External exam is conducted by JNTUK for 75 marks</li> </ul>																														
9	For Socially Relevant Project	Once in a curriculum	<ul style="list-style-type: none"> <li>Two internal evaluations are conducted for 20 marks</li> <li>Final Marks = (Best of evaluation marks x 0.8 + Least of evaluation marks x 0.2)</li> <li>External Review is conducted by External Faculty nominated by JNTUK together with Internal Project Review Committee for 30 marks</li> </ul>																														
10	Engineering Exploration Course	Once in a curriculum	<ul style="list-style-type: none"> <li>Two internal evaluations are conducted for 20 marks</li> <li>Final Internal Marks = (Best of evaluation marks x 0.8 + Least of evaluation marks x 0.2)</li> <li>External Review is conducted by External Faculty nominated by JNTUK together with Internal Project Review Committee for 30 marks</li> </ul>																														
11	Mini Project/Internship/Industrial Training/Skill Development programmes/Research Project guidelines	Once in a curriculum	<ul style="list-style-type: none"> <li>External Review is conducted by External Faculty nominated by JNTUK together with Internal Project Review Committee for 50 marks</li> </ul>																														



### Distribution and Weightage of Marks (R20)

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2	Assignment	Twice in a semester	<p>Assignment 1 questions covering Unit 1-3 is given to students before the internal test1 to evaluate for 5 marks as per the rubric.</p> <p>Assignment 2 questions covering Unit 3-5 is given to students before the internal test2 to evaluate for 5 marks as per the rubric.</p>																								
3	Online quiz	Twice in a semester	<p>Quiz 1 of 20 questions covering unit 1-3 is conducted for the students during the internal test1 by JNTUK to evaluate for 10 marks.</p> <p>Quiz 2 of 20 questions covering unit 3-5 is conducted for the students during the internal test2 by JNTUK to evaluate for 10 marks.</p>																								
<ul style="list-style-type: none"> <li>• The total marks secured by the student in each mid-term examination are evaluated for 30 marks</li> <li>• The marks secured by the students from the above internal tests 1 &amp; 2 (Descriptive + Objective + Assignment) are finally considered as 80% of the best and 20% of the other</li> <li>• Final internal Marks = (Best of (Mid-1/Mid-2) marks x 0.8 + Least of (Mid-1/Mid-2) marks x 0.2)</li> </ul>																											
4	Engineering drawing	Once in a curriculum	<ul style="list-style-type: none"> <li>• Internal marks are evaluated for 30 marks</li> <li>• 15 marks for continuous Assessment (day-to-day work)</li> <li>• Two internal exams are conducted for 15 marks</li> <li>• Final internal Marks = (Best of (Mid-1/Mid-2) marks x 0.8 + Least of (Mid-1/Mid-2) marks x 0.2)</li> <li>• External exam is conducted by JNTUK for 70 marks</li> </ul>																								
5	Internal Laboratory Tests	Twice in a semester	<ul style="list-style-type: none"> <li>• Experiment wise evaluation/ Weekly evaluation of Day-to-Day and Record work for each experiment is evaluated for the marks 5 and 5 respectively</li> <li>• Two internal tests are conducted for 5 marks each covering all the list of experiments as per JNTUK syllabus</li> <li>• The rubrics developed for evaluation of Day-to-Day, Record work and internal marks are used.</li> </ul>																								
6	Semester-End Examinations (Theory /	Once in a semester	<ul style="list-style-type: none"> <li>• The external theory exam is conducted by JNTUK for 70 marks covering all 5 units</li> <li>• The external lab exam is scheduled by JNTUK for 35</li> </ul>																								



	<b>Practical)</b>		<i>marks covering all experiments.</i>																																			
7	<b>Project work</b>	<i>Once in a curriculum</i>	<ul style="list-style-type: none"> <li><i>The Project work carries a total of 200 marks and of which 60 marks are internal and the rest 140 marks are awarded by the External</i></li> <li><i>Internal project work evaluation</i></li> </ul> <table border="1"> <thead> <tr> <th colspan="5"><i>Internal Guide Evaluation</i></th> </tr> <tr> <th><i>Rubrics</i></th> <th><i>Day-to-Day Work</i></th> <th><i>Involve ment in Project</i></th> <th><i>Team Work and Time Management</i></th> <th><i>Regul arity</i></th> </tr> </thead> <tbody> <tr> <td><i>Marks</i></td> <td><i>10</i></td> <td><i>10</i></td> <td><i>05</i></td> <td><i>05</i></td> </tr> <tr> <th colspan="5"><i>Internal Review</i></th> </tr> <tr> <td colspan="3"><i>Review 1</i></td> <td colspan="2"><i>Review 2</i></td> </tr> <tr> <td colspan="3"><i>30</i></td> <td colspan="2"><i>30</i></td> </tr> <tr> <td colspan="5"><i>Total Internal Review marks= 1/3<sup>rd</sup> * Review 1+ 2/3<sup>rd</sup> * Review 2</i></td> </tr> </tbody> </table> <ul style="list-style-type: none"> <li><i>The rubrics developed for evaluation of Guide and Review 1 &amp; 2 is used</i></li> <li><i>Final External Review is conducted by External Faculty nominated by JNTUK together with Internal Project Review Committee</i></li> </ul> <p><i>The rubrics are also developed for choosing the best projects by considering the total marks</i></p>	<i>Internal Guide Evaluation</i>					<i>Rubrics</i>	<i>Day-to-Day Work</i>	<i>Involve ment in Project</i>	<i>Team Work and Time Management</i>	<i>Regul arity</i>	<i>Marks</i>	<i>10</i>	<i>10</i>	<i>05</i>	<i>05</i>	<i>Internal Review</i>					<i>Review 1</i>			<i>Review 2</i>		<i>30</i>			<i>30</i>		<i>Total Internal Review marks= 1/3<sup>rd</sup> * Review 1+ 2/3<sup>rd</sup> * Review 2</i>				
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			<i>Marks</i>	<i>10</i>	<i>10</i>	<i>05</i>	<i>05</i>																															
			<i>Internal Review</i>																																			
			<i>Review 1</i>			<i>Review 2</i>																																
			<i>30</i>			<i>30</i>																																
			<i>Total Internal Review marks= 1/3<sup>rd</sup> * Review 1+ 2/3<sup>rd</sup> * Review 2</i>																																			

### Andhra University

As per the University regulations

- a.) There are 2 MID-term Internal tests (each MID-term Internal test consists of 30 marks and it comprises of descriptive tests (20M), Continuous assessment (10M). The university considers best of the two. The Descriptive examination is for 90 minutes duration conducted for 20 marks. Each subjective type test question paper shall contain 3 questions and all questions need to be answered.

b.) Practical Examination

For the subjects having practical examinations, the maximum marks are 100 and is distributed as follows:

Internal Evaluation

- Day to Day Evaluation (30M)
- Record work (5M)
- Internal Lab examination (15M)

External Evaluation

- External Lab Examination carries a weightage of 50M

- c) The university conducts External Semester End Examination that carries a weightage of 70 marks. End Exam Paper: Part-A 1st Question is mandatory covering all the syllabus which contains seven 2 marks questions for 14 marks and in Part-B 4 Questions out of 7 Questions are to be answered with each carrying 14 marks . Part-A & Part-B put together gives for 70 marks.

