

**Scheme for Internal Assessment (IA)**

<b>Branch</b>	Computer Engg	<b>Year</b>	TY B. Tech.
<b>Academic year:</b>	2024-2025	<b>Course Code and Name</b>	<b>116U01E511</b> Computer Graphics
<b>Semester:</b>	V		
<b>Faculty In-charge</b>	Vaibhav Prakash Vasani		

<b>Distribution of 20 Marks</b>	<b>The student will be evaluated based on two tasks of 10 marks each which will be added later. If any of the tasks given is not completed / submitted then the marks assigned for that task will be zero.</b>			
<b>Sr. No.</b>	<b>Task</b>	<b>Description of task</b>	<b>Schedule</b>	<b>Weightage</b>
1	<b>(Peer grade Activity)</b>  <b>Research Paper reading and Presentation</b>	1. Students needs to select the paper from Springer/ACM/ Elsevier (Only) 2. Submit the topic for IA1 approval through google form shared on LMS 3. Check for approval over google sheet shared on LMS 4. Activity is mapped to CO1, CO2. CO3 and CO4. 5. Prepare presentation (7 to 8 min only) 6. Upload the video on YouTube (Unlisted) 7. Signup/ login to the website (Link will be provided on LMS separately) 8. Join the classroom (Code will be shared on LMS- Separately) 9. Submit the link for Peer grading 10. Do the grading for others. 11. Refer the rubrics given in same document	1. Topic Selection to be finished by 16th August 2024  2. Peer grading to be finished by Second / third week of September	30% (12 Marks)
2	<b>Project Based Implementation</b>	1. Form the team of 3 or 4 (Preferred team member from the same batch) 2. Update the details on LMS with details of Team (Google Sheet). 3. Activity is mapped CO1, CO2, CO3 and CO4. 4. Topic should be related to Computer graphics, AR, VR or MR. 5. Topic Needs need approval from course in-charge	Topic Selection to be done on or before 16th August 2024	30% (12 Marks)

		6. Refer the rubrics given in same document 7. Students needs to demonstrate along with submission of Report and code over git(Git hub link needs to be submit by one of the team mate over LMS) 8. Students needs to follow the coding standard (code of conduct is expected)		
3	<b>Flip Classroom Activity</b>	1. Students needs to login into the LMS. 2. Refer the study material (Video / document or other) 3. Participate into classroom 4. Activity may be assessed through the Quiz or numerical solving. 5. Mapped to CO1, CO2, CO3 and CO4	Throughout the semester	20% (08Marks)
4	<b>Moderated Discussion forum</b>	1. Mapped to CO1, CO2, CO3 and CO4 2. Discussion thread is initiated each week on LMS. 3. Students needs to reply to thread based on the topic of discussion 4. All DF will be moderated.	Throughout the semester	20% (08Marks)

Syllabus for In Semester Examination

	<b>Module No.</b>	<b>CO Mapped</b>
ISE	Module 1 , 2 and 3	CO1, CO2 and CO3

Signature of Faculty In-charge of Course  
Vaibhav Prakash Vasani

HOD

## IA-1(Video Presentation) Evaluation Rubrics

### 12 Marks

Topic	Exemplary (Directly relevant)	Accomplished (Somewhat relevant)	Developing (Remotely related)	Beginning(Totally unrelated)
<b>Organization</b> (Overall order, flow, and transitions) (2)	Information is presented in effective order. Excellent structure of paragraphs and transitions enhances readability and comprehension. (2-1.5)	Information is logically ordered with paragraphs and transitions. (1.5-1)	Information is scattered and needs further development. (0.5-1)	Details and examples are not organized, are hard to follow and understand. (0-0.5)
<b>Quality of Information (to support paper explanation)</b> (3)	Supporting details are specific to topic and provide the necessary information. (3-2)	Some details don't support the report topic. (2-1)	Details are somewhat sketchy. (1-0.5)	Unable to find specific details. (0-0.5)
<b>Introduction</b> (3)	Introductory paragraph is clearly stated, has a sharp, distinct focus and enhances the impact of the report (3)	Introductory paragraph is clearly stated with a focus. (2.5-2)	Introductory paragraph is vague. (1.5)	Introductory paragraph is not apparent. (1)
<b>Conclusion and Summary of Paper</b> (2)	Concluding paragraph summarizes and draws a clear, effective conclusion and enhances the impact of the report. (2)	Concluding paragraph follows and summarizes the report discussion and draws a conclusion. (1.5-1)	Concluding paragraph is only remotely related to the report topic. (1-0.5)	Concluding paragraph is not apparent. (0.5-0)
<b>Grammar &amp; Spelling and Bibliography</b> (2)	No spelling or grammatical errors. All resources are cited and appear with correct formatting. (2)	Fewer than 3 grammatical or spelling errors. All resources are cited, but formatting isn't correct. (1.5-1)	Three to five grammatical or spelling errors. Some resources are cited but not all. Not formatted correctly. (1-0.5)	Numerous grammatical and/or spelling errors. Resources not cited in paper or proper format not used.. (0.5 -0)

*Application method and mode: Peer grade tool was used and in complete online mode.*

Name of the Faculty  
Vaibhav Prakash Vasani

**IA-2(Project based Learning with Report) Evaluation Rubrics**  
**12 Marks**

Criteria	Excellent (3 marks)	Good (2 marks)	Satisfactory (1 mark)	Needs Improvement (0 marks)
<b>Concept &amp; Originality</b>	Highly original concept with clear creative thinking.	Some originality and creative thought.	Minimal originality; lacks depth.	Unoriginal or poorly developed concept.
<b>Technical Execution</b>	Flawless technical execution; demonstrates advanced skills.	Minor errors in technical execution.	Several errors affecting the outcome.	Poorly executed with many technical flaws.
<b>Design &amp; Aesthetics</b>	Exceptional use of design principles; visually striking.	Good design principles; visually pleasing.	Some design principles applied, but lacks appeal.	Poor design principles; visually unappealing.
<b>Presentation</b>	Exceptionally presented; clear and engaging.	Good presentation; mostly clear.	Acceptable presentation; lacks clarity.	Poorly presented; lacks organization.

Name of the Faculty  
Vaibhav Prakash Vasani

### IA-3(Flip Classroom) Evaluation Rubrics (08 Marks)

Criteria	Excellent (2 points)	Good (1.5 points)	Satisfactory (1 point)	Needs Improvement (0.5 points)	Unacceptable (0 points)
<b>Pre-Class Preparation</b>	Thoroughly reviews all assigned materials (videos, readings, etc.) and comes to class with a deep understanding of the content.	Reviews most of the assigned materials and comes to class with a good understanding of the content.	Reviews some of the assigned materials but has a limited understanding of the content.	Minimal review of the assigned materials; understanding of the content is poor.	Does not review the assigned materials; no understanding of the content.
<b>Engagement in Class Activities</b>	Actively participates in all class activities, discussions, and group work; consistently contributes valuable insights.	Participates in most class activities and discussions; contributes useful insights.	Participates in some class activities and discussions; contributions are minimal.	Rarely participates in class activities and discussions; contributions are negligible.	Does not participate in class activities or discussions.
<b>Collaboration and Teamwork</b>	Works exceptionally well with peers; actively helps and supports others in the learning process.	Works well with peers; offers help and support when needed.	Works adequately with peers; occasionally offers help and support.	Struggles to work with peers; rarely offers help or support.	Does not work well with peers; does not offer help or support.
<b>In-Class Assignments</b>	Completes all in-class assignments accurately and on time; work is of high quality.	Completes most in-class assignments accurately and on time; work is of good quality.	Completes some in-class assignments accurately and on time; work is of satisfactory quality.	Completes few in-class assignments; work is of poor quality.	Does not complete in-class assignments.

Name of the Faculty  
Vaibhav Prakash Vasani

### IA-4(Discussion Forum) Evaluation Rubrics (08 Marks)

Criteria	Excellent (2 points)	Good (1.5 points)	Satisfactory (1 point)	Needs Improvement (0.5 points)	Unacceptable (0 points)
Content and Engagement	Factually correct and substantive contribution that advances the discussion; responds by the due date and engages with at least two peers on different days.	Correct information that lacks full development; responds by the due date and engages with one peer.	Repeats resources without adding substance; responds by the due date but only engages on one day.	Off-topic or incorrect information; minimal engagement or late participation.	No response to the discussion question.
Initial Posting	Well-developed assignment that thoroughly addresses all aspects of the discussion.	Adequately developed assignment that addresses all aspects but lacks full depth.	Loosely developed assignment that misses some aspects of the discussion.	No response to the discussion question.	No response to the discussion question.
Follow-up Engagement	Analyzes others' posts, extends discussion with thoughtful questions, and includes a recent literature citation.	Elaborates on a post and asks questions but lacks a recent literature citation.	Posts a shallow contribution without elaboration or follow-up questions.	No follow-up responses to peers.	No follow-up responses to peers.
Clarity and Mechanics	Clear, concise comments formatted well, free of grammatical or spelling errors.	Valuable contributions with minor (1-2) errors in grammar or spelling.	Friendly communication with some (3-5) errors in grammar or spelling.	Multiple (over 5) errors, disorganized content, or inappropriate remarks.	Inappropriate comments will be removed.

Name of the Faculty  
Vaibhav Prakash Vasani