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|---------------------------------------|--|--|
| <b>Academic Year:</b> 2025            | <b>Term:</b> August Term               | <b>Department:</b> Computer Science and Automation |
| <b>Instructor:</b> Sumit Kumar Mandal | <b>Course:</b> Modeling and Simulation | <b>Course Code:</b> E0 240                         |

### Course Feedback Summary

| Registered | Responded | Percentage |
|------------|-----------|------------|
| 71         | 17        | 23         |

**Did the course meet the learning outcomes indicated at the beginning of the course/scheme of instruction?**

| EXCELLENT(5) | GOOD(4)    | AVERAGE(3) | FAIR(2)   | POOR(1) | WEIGHTED AVG. (Out of 5) |
|--------------|------------|------------|-----------|---------|--------------------------|
| 7 (41.18%)   | 8 (47.06%) | 1 (5.88%)  | 1 (5.88%) | 0 (0%)  | 4.24                     |

**Were an adequate number of topics covered in the course?**

| EXCELLENT(5) | GOOD(4)    | AVERAGE(3) | FAIR(2) | POOR(1)   | WEIGHTED AVG. (Out of 5) |
|--------------|------------|------------|---------|-----------|--------------------------|
| 9 (52.94%)   | 6 (35.29%) | 1 (5.88%)  | 0 (0%)  | 1 (5.88%) | 4.29                     |

**Were the topics covered in sufficient depth?**

| EXCELLENT(5) | GOOD(4)    | AVERAGE(3) | FAIR(2) | POOR(1)   | WEIGHTED AVG. (Out of 5) |
|--------------|------------|------------|---------|-----------|--------------------------|
| 5 (29.41%)   | 6 (35.29%) | 5 (29.41%) | 0 (0%)  | 1 (5.88%) | 3.82                     |

**Were homeworks/problem sets/assignments useful to enhance understanding of the topics covered?**

| EXCELLENT(5) | GOOD(4)    | AVERAGE(3) | FAIR(2) | POOR(1)   | WEIGHTED AVG. (Out of 5) |
|--------------|------------|------------|---------|-----------|--------------------------|
| 11 (64.71%)  | 5 (29.41%) | 0 (0%)     | 0 (0%)  | 1 (5.88%) | 4.47                     |

**Was sufficient reference/reading material available?**

| EXCELLENT(5) | GOOD(4)    | AVERAGE(3) | FAIR(2)   | POOR(1) | WEIGHTED AVG. (Out of 5) |
|--------------|------------|------------|-----------|---------|--------------------------|
| 6 (35.29%)   | 8 (47.06%) | 2 (11.76%) | 1 (5.88%) | 0 (0%)  | 4.12                     |

**Were the sessional assessments appropriate for the topics covered?**

| EXCELLENT(5) | GOOD(4)    | AVERAGE(3) | FAIR(2) | POOR(1)   | WEIGHTED AVG.<br>(Out of 5) |
|--------------|------------|------------|---------|-----------|-----------------------------|
| 9 (52.94%)   | 6 (35.29%) | 1 (5.88%)  | 0 (0%)  | 1 (5.88%) | 4.29                        |

**Were the average hours per week spent on the course appropriate for the number of credits? (For e.g., 3 credit course =**

| APPROPRIATE HOURS AS EXPECTED(5) | MORE HOURS THAN EXPECTED(3) | FEWER HOURS THAN EXPECTED(1) | WEIGHTED AVG.<br>(Out of 3) |
|----------------------------------|-----------------------------|------------------------------|-----------------------------|
| 14 (82.35%)                      | 2 (11.76%)                  | 1 (5.88%)                    | 4.53                        |

**If your course has a lab component (for 1:1, 2:1 or 3:1 courses), did the lab complement the course lectures and lead to**

| SATISFACTORY(5) | UNSATISFACTOR Y(1) | NOT APPLICABLE(0) | WEIGHTED AVG.<br>(Out of 3) |
|-----------------|--------------------|-------------------|-----------------------------|
| 14 (82.35%)     | 1 (5.88%)          | 2 (11.76%)        | 4.73                        |

**If your course has a lab component (for 1:1, 2:1 or 3:1 courses), was the given time appropriate/sufficient for the assign**

| SATISFACTORY(5) | UNSATISFACTOR Y(1) | NOT APPLICABLE(0) | WEIGHTED AVG.<br>(Out of 3) |
|-----------------|--------------------|-------------------|-----------------------------|
| 15 (88.24%)     | 0 (0%)             | 2 (11.76%)        | 5.00                        |

**Your overall rating of the course:**

| EXCELLENT(5) | GOOD(4)     | AVERAGE(3) | FAIR(2)   | POOR(1) | WEIGHTED AVG.<br>(Out of 5) |
|--------------|-------------|------------|-----------|---------|-----------------------------|
| 5 (29.41%)   | 10 (58.82%) | 1 (5.88%)  | 1 (5.88%) | 0 (0%)  | 4.12                        |

**What positives would you highlight about the course and/or the instructor(s)?**

| Sl. No | Answers |
|--------|---------|
|--------|---------|

| Sl. No | Answers   |
|--------|---|
| 1      | The course requires lesser effort than other courses in IISc compared to other courses in modelling and simulation.   |
| 2      | Course covered sufficient relevant topics. The assignments were helpful to enhance learning and apply the practical use of class learnings. I appreciate the class notes and references provided. The communication from instructor was excellent. Overall, the course is good and you will learn everything mentioned in course description. |
| 3      | Giving good related assignments of the topics discussed in class. Being open to discuss class topics as well as project.  |
| 4      | This course improves critical thinking, we learned to manage time. Assignments provided were very useful and helped to learn a lot.   |
| 5      | Professor waits after the class also and solves the query.  |

### What are your suggestions for improvement?

| Sl No. | Answers  |
|--------|--|
| 1      | It'd have been better if some verification/testing of models would've been covered.  |
| 2      | The grading of assignments and all should be on time and not late. The amount of time allotted for each presentation for project should be increased to 12.5 minutes excluding question time. More sample projects should be provided. More depth should be covered for few important topics. The status on usage of generative AI for exams and quizzes was not properly conveyed in the first lecture or on later. Half the people were unaware of the fact that it was allowed. It was really unfair for people because it was never properly conveyed. Mention this in first class itself. |
| 3      | The exam conducted for some students seemed unfair to project groups to some extent , as openai was allowed in exam. I just felt project group members worked more comparatively.  |
| 4      | We could have some guest lectures.   |
| 5      | Already given more practical aspects if possible   |

### Instructor Feedback Summary

| Registered | Responded |
|------------|-----------|
| 71         | 17        |

| SI No. | Question  | Excellent | Good | Average | Satisfactory | Poor | Weighted Average(Out of 5) |
|--------|---|-----------|------|---------|--------------|------|----------------------------|
| 1      | Did the instructor adhere to the scheduled class hours/timings?           | 17        | 0    | 0       |              |      | 5.00                       |
| 2      | Were the lectures well-paced?   | 12        | 4    | 0       | 1            | 0    | 4.59                       |
| 3      | Were the assignments/sessional examinations/quizzes graded on time?       | 10        | 6    | 1       | 0            | 0    | 4.53                       |
| 4      | Were the sessional assessments fair?                                      | 10        | 5    | 1       | 1            | 0    | 4.41                       |
| 5      | Were the assignments, quizzes, and mid-term exams adequately discussed?   | 7         | 4    | 5       | 0            | 1    | 3.94                       |
| 6      | Did the instructor motivate you to learn more about the subject?          | 9         | 5    | 2       | 0            | 1    | 4.24                       |
| 7      | Did the instructor encourage student participation in class?              | 13        | 3    | 0       | 1            | 0    | 4.65                       |
| 8      | Was the instructor effective in communicating the contents of the course? | 11        | 4    | 1       | 0            | 1    | 4.41                       |
| 9      | Your overall rating of the instructor:                                    | 7         | 9    | 0       | 1            | 0    | 4.29                       |