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**Semester Course Report**

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| University | ULAB | School | Science and Engineering | Department | CSE |
| Semester | Spring | Year | 2020 |

I. Basic Information

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1. | Course Code | | | CSE 101 | | | | | |
| 2. | Course Title | | | Introduction to Computer Studies | | | | | |
| 3. | Section | | | 11 | | | | | |
| 4. | Unit/Credit hours: | | | 3 | | | | | |
|  | | | | | | | | | |
| Lectures | | 24 | Tutorial | |  | Practical |  | Total | 24 |
|  | |  |  | |  |  |  |  |  |
| 5. | Course Instructor: | | | Satyaki Das | | | | | |

6. Intended Learning Outcomes:

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| --- |
| 1. **Describe** the concept and components of computing system along with its benefits. |
| 1. **Explain** features and benefits of various technological advancements |
| 1. **Define** a wide range of practical problems as a computational problem |
| 1. **Understand** a real-life problem and **be** able to design and develop systems using pseudocodes and flowcharts. |
| 1. **Introduce** the fundamental concepts of computer programming |

**II. Statistical Information**

|  |  |  |
| --- | --- | --- |
|  | **No.** | **%** |
| Sessions Missed | 1 |  |
| Sessions Made Up | 1 |  |
| Total Sessions Conducted (excluding midterm& finals) |  |  |

|  |  |  |
| --- | --- | --- |
|  | **No.** | **%** |
| Students enrolled | 40 |  |
| Students who withdrew | 0 |  |
| Students who took final exam/project | 37 |  |
| Students passed | 37 |  |

|  |  |
| --- | --- |
|  | **No.** |
| Guest Lecturers Invited |  |
| Field Trips Taken |  |

|  |  |
| --- | --- |
|  | **Average Number Per Session** |
| Tardy Students |  |
| Absent Students |  |

Achievement of students:

|  |  |  |
| --- | --- | --- |
| Letter Grade | No. | % |
| A+ | 1 | 2.50% |
| A | 14 | 35.00% |
| A- | 8 | 20.00% |
| B | 6 | 15.00% |
| B+ | 5 | 12.50% |
| B- | 2 | 5.00% |
| C+ | 0 | 0.00% |
| C | 0 | 0.00% |
| D | 1 | 2.50% |
| Total | 37 | 92.50% |

III. Professional Information

1. Course topic/content ILO covered

|  |  |  |
| --- | --- | --- |
| Topics Taught | ILO Covered | No. of Sessions |
| Introduction to Computing System | CO1 & CO2 | 2 |
| Number Systems | CO1, CO2 | 4 |
| Hardware and Software | CO1, CO2 | 2 |
| Technological Advancements | CO1, CO2, CO3 | 1 |
| Algorithms, pseudocode and flowcharts | CO1, CO2, CO3, CO4 & CO5 | 4 |
| Introduction to Programming | CO1, CO2, CO3, CO4 & CO5 | 8 |

What percentage of topics/content planned were actually taught? (Please encircle appropriate answer)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 1. >90% | √ | b. 70-90% |  | c.<70% |  |

If <70%, please write the reason for not teaching all topics/content planned:

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| --- |
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If any topics/contents were taught which were not written in course outline, give reasons in detail:

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1. Teaching and learning methods:

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| --- | --- | --- |
| **Teaching Methods** | **No.** | **% of Total Session** |
| Lectures | 22 | 100 |
| Debate |  |  |
| Discussion | 10 | 45.45 |
| Presentation |  |  |
| Group Work | 4 | 18.18 |
| Others |  |  |
| Active learning: (Please Specify) |  |  |
| **Teaching Aids:** | **No.** | **% of Total Session** |
| Video |  |  |
| Audio |  |  |
| Handout |  |  |

1. Student assessment:

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| --- | --- | --- | --- |
| **SL#** | **Type** | **Description** | **ILO Assessed** |
| 1. | Written Examination | Midterm, Final and Quizzes | 1-5 |
| 2. | Oral Examination | Presentation | 1-5 |
| 3. | Laboratory work |  |  |
| 4. | Projects | Group | 1-5 |
| 5. | Research Papers |  |  |
| 6. | Others (please specify) | Assignment | 1-5 |

Involvement of external evaluator in student assessment

|  |  |  |  |
| --- | --- | --- | --- |
|  | Yes | √ | No |

If yes, please explain

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| --- |
|  |

1. Facilities and teaching materials:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SL#** | **Facilities** | **Please rate the following**  **(1-inadequate, 2-adequate to some extent, 3-adequate)** | | |
| **1** | **2** | **3** |
| 1. | Classroom |  |  | 3 |
| 2. | Projector/Screen |  |  | 3 |
| 3. | Whiteboard/Marker |  |  | 3 |
| 4. | Chair/table |  |  | 3 |
| 5. | Computer (If appropriate) |  |  | 3 |
| 6. | Laboratory (If appropriate please specify) |  |  |  |
| 7. | Equipment (If appropriate please specify) |  |  |  |

List any Inadequacies:

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1. Administrative Constraints

List any difficulties encountered:

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1. Suggestions for Course Enhancement:

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| --- | --- | --- |
|  |  |  |
| Signature: |  |  |
|  |  |  |
| 03.05.2020 |  |  |
| Date: |  |  |