



Integral University

Study & Evaluation Scheme

B.Tech. CSE (Cloud Computing and Artificial Intelligence) in association with IBM

w.e.f. 2024-25

Year I, Semester I

| S. No. | Course Category | Subject Code | Name of Subject | Periods | | | | Evaluation Scheme | | | | | Subject Total | Attributes | | | | | | | United Nations Sustainable Development | | |
|--------------|-----------------|--------------|--|-----------|----------|----------|-----------|-------------------|------------|------------|----------------------|------------|---------------|---------------|------------------|-------------------|-----------------|------------------------------|-------------|---------------------|--|--|------------|
| | | | | L | T | P | C | Sessional (CA) | | | End Sem. Exam. (ESE) | | | Employability | Entrepreneurship | Skill Development | Gender Equality | Environment & Sustainability | Human Value | Professional Ethics | Goals (SDGs) | | |
| | | | | | | | | CT | TA | Total | TE | PE | | | | | | | | | | | |
| 1 | BSC | ME101 | Basic Mechanical Engineering & Workshop | 3 | 0 | 2 | 4 | 50+15 | 25+10 | 100 | 75 | 25 | 200 | √ | | √ | | | | | | | 4 |
| 2 | HSMC | LN132 | Communication Skills: Theory & Practices | 3 | 0 | 2 | 4 | 50+15 | 25+10 | 100 | 75 | 25 | 200 | √ | √ | √ | | | | √ | √ | | 4 |
| 3 | BSC | MT149 | Mathematics-I for Computer Science & Engineering | 3 | 1 | 0 | 4 | 50 | 25 | 75 | 75 | | 150 | | | √ | | | | | | | 9 |
| 4 | ESC | EE103 | Basic Electrical Engineering | 3 | 0 | 2 | 4 | 50+15 | 25+10 | 100 | 75 | 25 | 200 | √ | | | | | | | | | 4,7,8,9,11 |
| 5 | ESC | EC101 | Basic Electronics | 3 | 0 | 0 | 3 | 50 | 25 | 75 | 75 | | 150 | √ | | √ | | | | | | | 4,9 |
| 6 | PCC | CS125 | Digital Workforce Skills | 0 | 0 | 2 | 1 | 15 | 10 | 25 | | 25 | 50 | | | √ | | | | | | | 9 |
| Total | | | | 15 | 1 | 8 | 20 | 310 | 165 | 475 | 375 | 100 | 950 | | | | | | | | | | |

L - Lecture T - Tutorial P - Practical C - Credits CT - Class Test TA - Teacher Assessment

Sessional Total (CA) = Class Test (CT) + Teacher Assessment (TA)

Subject Total (CA) = Sessional Total (CA) + End Semester Examination (ESE)

BS - Basic Sciences

DC - Departmental Core

HM - Humanities

OE - Open Elective

DE - Departmental Elective

ESA - Engineering Sciences & Arts (Foundation Course & Engineering Course)



Integral University

Study & Evaluation Scheme

B.Tech. CSE (Cloud Computing and Artificial Intelligence) in association with IBM

w.e.f. 2024-25 (for admitted batch 2024-25 onwards)

Year I, Semester II

| S. No. | Course Category | Subject Code | Name of Subject | Periods | | | | Evaluation Scheme | | | | | Subject Total | Attributes | | | | | | United Nations Sustainable Development | | |
|--------------|-----------------|--------------|--|-----------|----------|----------|-----------|-------------------|------------|------------|----------------------|------------|---------------|---------------|------------------|-------------------|-----------------|------------------------------|-------------|--|--------------|------------|
| | | | | L | T | P | C | Sessional (CA) | | | End Sem. Exam. (ESE) | | | Employability | Entrepreneurship | Skill Development | Gender Equality | Environment & Sustainability | Human Value | Professional Ethics | Goals (SDGs) | |
| | | | | | | | | CT | TA | Total | TE | PE | | | | | | | | | | |
| 1 | ESC | EC102 | Switching Theory & Logic Design | 3 | 1 | 2 | 5 | 50+15 | 25+10 | 100 | 75 | 25 | 200 | | | √ | | | | | | 4,8 |
| 2 | BSC | ES101 | Environmental Studies | 3 | 0 | 0 | 3 | 50 | 25 | 75 | 75 | | 150 | | | √ | | √ | | | | 6,13,14,15 |
| 3 | BSC | MT150 | Mathematics-II for Computer Science & Engineering | 3 | 1 | 0 | 4 | 50 | 25 | 75 | 75 | | 150 | √ | √ | √ | | | | | | 9 |
| 4 | BSC | PY101 | Physics | 3 | 0 | 2 | 4 | 50+15 | 25+10 | 100 | 75 | 25 | 200 | √ | | √ | | | | | | 4,9 |
| 5 | ESC | CS101 | Computer Programming | 3 | 0 | 2 | 4 | 50+15 | 25+10 | 100 | 75 | 25 | 200 | | | √ | | | | | | 4,9 |
| 6 | PCC | CS126 | Changing Business with Data Insight (Watson Analytics) | 0 | 0 | 2 | 1 | 15 | 10 | 25 | | 25 | 50 | | | √ | | | | | | 9 |
| 7 | HSMC | HM101 | Rashtra Gaurav | 2 | 0 | 0 | 0 | | | | 100 | | 100 | | | | | | | | | |
| Total | | | | 17 | 2 | 8 | 21 | 310 | 165 | 475 | 475 | 100 | 1050 | | | | | | | | | |

L - Lecture T - Tutorial P - Practical C - Credits CT - Class Test TA - Teacher Assessment

Sessional Total (CA) = Class Test (CT) + Teacher Assessment (TA)

Subject Total (CA) = Sessional Total (CA) + End Semester Examination (ESE)

BS - Basic Sciences

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