

# **Walchand College of Engineering**

(Government Aided Autonomous Institute)

**Vishrambag, Sangli - 416 415**



**Credit System for**

**First Year B.Tech. (Artificial Intelligence and Machine Learning)**

**Sem-I and II**

**Applicable to AY 2024-25 and onwards**





# Walchand College of Engineering

(Government Aided Autonomous Institute)

## Credit System for First Year B. Tech. (Artificial Intelligence and Machine Learning) Sem-I Applicable to AY 2024-25 and onwards

| Sr. No.                           | Category | Course Code | Course Name                          | L  | T | P  | Hrs | Cr | MSE/L<br>A1 | ISE/L<br>A2 | ESE | Ext |
|-----------------------------------|----------|-------------|--------------------------------------|----|---|----|-----|----|-------------|-------------|-----|-----|
| <b>Professional Core (Theory)</b> |          |             |                                      |    |   |    |     |    |             |             |     |     |
| 01                                | BSC      | 7MA101 ✓    | Engineering Mathematics - I          | 3  | 1 | 0  | 4   | 4  | 30          | 20          | 50  |     |
| 02                                | BSC      | 7PH103 ✓    | Engineering Physics                  | 3  | 0 | 0  | 3   | 3  | 30          | 20          | 50  |     |
| 03                                | ESC      | 7AM102 ✓    | Engineering Mechanics                | 2  | 0 | 0  | 2   | 2  | 30          | 20          | 50  |     |
| 04                                | ESC      | 7CM106 ✓    | Civil & Mechanical Engineering       | 3  | 0 | 0  | 3   | 3  | 30          | 20          | 50  |     |
| 05                                | AEC      | 7HS101 ✓    | Communication & Generic Skills (Lab) | 1  | 0 | 2  | 3   | 2  | 30          | 30          | 40  |     |
| 06                                | PCC      | 7AI101 ✓    | Computer Fundamentals                | 3  | 0 | 0  | 3   | 3  | 30          | 20          | 50  |     |
| <b>Professional Core (Lab)</b>    |          |             |                                      |    |   |    |     |    |             |             |     |     |
| 07                                | BSC      | 7PH155 ✓    | Engineering Physics Lab              | 0  | 0 | 2  | 2   | 1  | 30          | 30          | 40  |     |
| 08                                | ESC      | 7AM155 ✓    | Engineering Mechanics Lab            | 0  | 0 | 2  | 2   | 1  | 30          | 30          | 40  |     |
| 09                                | ESC      | 7CM156 ✓    | Civil & Mechanical Engineering Lab   | 0  | 0 | 2  | 2   | 1  | 30          | 30          | 40  |     |
| 10                                | PCC      | 7AI151 ✓    | Computer Fundamentals Lab            | 0  | 0 | 2  | 2   | 1  | 30          | 30          | 40  |     |
| 11                                | VSEC     | 7VS151 ✓    | Engineering Skills - I               | 0  | 0 | 2  | 2   | 1  | 30          | 30          | 40  |     |
|                                   |          |             |                                      | 15 | 1 | 12 | 28  | 22 |             |             |     |     |

  
Dr. R. R. Rathod  
Head, Department of AIML  
Chairman, BoS

  
Dr. A. K. Kokane  
I/C Dean Academics

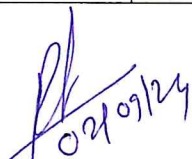



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## Credit System for First Year B. Tech. (Artificial Intelligence and Machine Learning) Sem-II Applicable to AY 2024-25 and onwards

| Sr. No.                           | Category | Course Code | Course Name                              | L  | T | P  | Hrs | Cr | MSE/LA 1 | ISE/LA 2 | ESE | Ext |  |
|-----------------------------------|----------|-------------|--|----|---|----|-----|----|----------|----------|-----|-----|--|
| <b>Professional Core (Theory)</b> |          |             |  |    |   |    |     |    |          |          |     |     |  |
| 01                                | BSC      | 7MA104 ✓    | Engineering Mathematics - II             | 3  | 1 | 0  | 4   | 4  | 30       | 20       | 50  |     |  |
| 02                                | PCC      | 7CH103 ✓    | Engineering Chemistry                    | 3  | 0 | 0  | 3   | 3  | 30       | 20       | 50  |     |  |
| 03                                | PCC      | 7ME108 ✓    | Engineering Graphics                     | 1  | 0 | 2  | 3   | 2  | 30       | 20       | 50  |     |  |
| 04                                | PCC      | 7EE106 ✓    | Electrical & Electronics Engineering     | 3  | 0 | 0  | 3   | 3  | 30       | 20       | 50  |     |  |
| 05                                | PCC      | 7AI102 ✓    | Fundamentals of AI                       | 3  | 0 | 0  | 3   | 3  | 30       | 20       | 50  |     |  |
| <b>Professional Core (Lab)</b>    |          |             |  |    |   |    |     |    |          |          |     |     |  |
| 06                                | BSC      | 7CH155 ✓    | Engineering Chemistry Lab                | 0  | 0 | 2  | 2   | 1  | 30       | 30       | 40  |     |  |
| 07                                | ESC      | 7CS108 ✓    | Computer Programming                     | 2  | 0 | 2  | 4   | 3  | 30       | 30       | 40  |     |  |
| 08                                | ESC      | 7EE156 ✓    | Electrical & Electronics Engineering Lab | 0  | 0 | 2  | 2   | 1  | 30       | 30       | 40  |     |  |
| 09                                | PCC      | 7AI152 ✓    | Data visualization Lab                   | 0  | 0 | 2  | 2   | 1  | 30       | 30       | 40  |     |  |
| 10                                | VSEC     | 7VS152 ✓    | Engineering Skills - II                  | 0  | 0 | 2  | 2   | 1  | 30       | 30       | 40  |     |  |
| Total                             |          |             |  | 15 | 1 | 12 | 28  | 22 |          |          |     |     |  |

  
02/09/24  
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