**SGPA Calculation Example**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sub Code**  | **Sub Name**  | **Credits** | **Grade** | **Grade Points** | **Calculation** | **calculated** |
| ES1014 | Environmental Science  | 0 | P | 0 | 0 | 0 |
| ES1051 | Problem Solving and Programming  | 4 | C+ | 6 | 4\* 6 | 24 |
| ES1054  | Discrete Mathematics  | 4 | D | 4 | 4\*4 | 16 |
| ES1056  | Design Thinking – 1 | 1 | A | 9 | 1\*9 | 9 |
| ES1057    | Engineering Design and Innovation  | 2 | A+ | 10 | 1\*10 | 20 |
| ES1059  | Cognitive Aptitude  | 3 | B | 7 | 3\*7 | 21 |
| ES1060  | Mobile Application Development  | 2 | A | 9 | 2\*9 | 18 |
| HS1027    | Induction Training  | 0 | P | 0 | 0 | 0 |
| HS1052    | Human Engineering  | 2 | A | 9 | 2\*9 | 18 |
| HS1054  | General Proficiency  | 1 | C + | 6 | 1\* 6 | 6 |
| OE1003  | Engineering Economics  | 2 | B | 7 | 2\* 7 | 14 |
| **Total Credit** | **21** | **Credit points** | **146** |

**Total Credits- 21 Credit points Total 146 SGPA- 146/21 =6.95**

**Table for calculation of Grades** **SGPA = Total Credit Points/Total Credits**

|  |  |
| --- | --- |
| **Grade** | **Points** |
|  A+ | 10 |
| A | 9 |
| B+ | 8 |
| B | 7 |
| C+ | 6 |
| C | 5 |
| D | 4 |
| F | 0 |

= 146/21

 = 6.95

*(Gr. NO. 12310184)*