| juit_logo_3600 | **JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY**  (Established by H.P.State Legislative vide Act No. 14 of 2002)  Waknaghat, P.O. Dumehar Bani, Kandaghat, Distt. Solan – 173234 (H.P.) INDIA  Website :[www.juit.ac.in](http://www.juit.ac.in)  Phone No. (91) 01792-257999 (30 Lines)  Fax : (91) 01792 245362 |
| --- | --- |

**Curriculum for Engineering**

**Approved in the Academic Council held on 28.07.2021**

**B. Tech. Electronics & Communication Engineering**

| **CREDIT INFORMATION** | | |
| --- | --- | --- |
| **S. No** | **CATEGORY** | **CREDITS** |
| **1** | **Professional Core** | **61** |
| **2** | **Professional Elective** | **21** |
| **3** | **Open Elective** | **15** |
| **4** | **Basic Sciences** | **24** |
| **5** | **Engineering Science** | **27** |
| **6** | **HSS** | **12** |
|  | **Total** | **160** |
|  |  |  |

| **Category** | **Number of Credits** | **Credit Distribution (%)** |
| --- | --- | --- |
| Engineering | 97 | 61 |
| Sciences | 51 | 32 |
| Humanities | 12 | 7 |
| Total | **160** | **100** |

**B. Tech. Computer & Science Engineering**

| **CREDIT INFORMATION** | | |
| --- | --- | --- |
| **S. No** | **CATEGORY** | **CREDITS** |
| **1** | **Professional Core** | **66** |
| **2** | **Professional Elective** | **18** |
| **3** | **Open Elective** | **15** |
| **4** | **Basic Sciences** | **23** |
| **5** | **Engineering Science** | **26** |
| **6** | **HSS** | **12** |
|  | **Total** | **160** |
|  |  |  |

| **Category** | **Number of Credits** | **Credit Distribution (%)** |
| --- | --- | --- |
| Engineering | 99 | 61.9 |
| Sciences | 49 | 30.6 |
| Humanities | 12 | 7.5 |
| Total | **160** | **100** |

**B. Tech. Information Technology**

| **CREDIT INFORMATION** | | |
| --- | --- | --- |
| **S. No** | **CATEGORY** | **CREDITS** |
| **1** | **Professional Core** | **67** |
| **2** | **Professional Elective** | **18** |
| **3** | **Open Elective** | **15** |
| **4** | **Basic Sciences** | **23** |
| **5** | **Engineering Science** | **25** |
| **6** | **HSS** | **12** |
|  | **Total** | **160** |
|  |  |  |

| **Category** | **Number of Credits** | **Credit Distribution (%)** |
| --- | --- | --- |
| Engineering | 100 | 62.5 |
| Sciences | 48 | 30 |
| Humanities | 12 | 7.5 |
| Total | **160** | **100** |

**B. Tech. Civil Engineering**

**Approved in the Academic Council held on 25.10.2018**

| **CREDIT INFORMATION** | | |
| --- | --- | --- |
| **S. No** | **CATEGORY** | **CREDITS** |
| **1** | **Professional Core** | **66** |
| **2** | **Professional Elective** | **21** |
| **3** | **Open Elective** | **15** |
| **4** | **Basic Sciences** | **24** |
| **5** | **Engineering Science** | **22** |
| **6** | **HSS** | **12** |
|  | **Total** | **160** |
|  |  |  |

| **Category** | **Number of Credits** | **Credit Distribution (%)** |
| --- | --- | --- |
| Engineering | 102 | 64 |
| Sciences | 46 | 29 |
| Humanities | 12 | 7 |
| Total | **160** | **100** |

**B. Tech. Biotechnology**

| **CREDIT INFORMATION** | | |
| --- | --- | --- |
| **S. No** | **CATEGORY** | **CREDITS** |
| **1** | **Professional Core** | **62** |
| **2** | **Professional Elective** | **18** |
| **3** | **Open Elective** | **15** |
| **4** | **Basic Sciences** | **25** |
| **5** | **Engineering Science** | **28** |
| **6** | **HSS** | **12** |
|  | **Total** | **160** |
|  |  |  |

| **Category** | **Number of Credits** | **Credit Distribution (%)** |
| --- | --- | --- |
| Engineering | 95 | 60 |
| Sciences | 53 | 33 |
| Humanities | 12 | 7 |
| Total | **160** | **100** |

**B. Tech. Bioinformatics**

| **CREDIT INFORMATION** | | |
| --- | --- | --- |
| **S. No** | **CATEGORY** | **CREDITS** |
| **1** | **Professional Core** | **62** |
| **2** | **Professional Elective** | **18** |
| **3** | **Open Elective** | **15** |
| **4** | **Basic Sciences** | **25** |
| **5** | **Engineering Science** | **28** |
| **6** | **HSS** | **12** |
|  | **Total** | **160** |
|  |  |  |

| **Category** | **Number of Credits** | **Credit Distribution (%)** |
| --- | --- | --- |
| Engineering | 95 | 60 |
| Sciences | 53 | 33 |
| Humanities | 12 | 7 |
| Total | **160** | **100** |