**Annexure I**

**Structure for Revised courses for AY 2017-18**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sem-I** |  | **Course Code** | **Course Name** | **Contact Hours / Week** | Credits |
|
| **Theory** | **Project Based Lab** | **Regular Lab** |
| Maths course | ES501TH | TH |  Linear Algebra and Statistics | 4 |  |  | 4 |
| Theory2 | CS501THP | THP | Database Management Technique | 3 | 2 |  | 4 |
| Theory3 | CS502THP | THP | Embedded & real time OS | 3 | 2 |  | 4 |
| Theory4 | CS503THP | THP | High Performance Network | 3 | 2 |  | 4 |
| Theory5 | ES502TH | TH | Research Methodology  | 2 |  |  | 2 |
| HSS | HS551TH | TH | Quantitative Aptitude-I | 2 |  |  | 2 |
| TOTAL |  |  |  | 20 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sem-II |  | Course Code | Course Name | Contact Hours / Week | Credits |
|
| Theory | Project Based Lab | Regular Lab |
| Theory1 |  | CS504THP | Software Process Management | 3 | 2 |  | 4 |
| Theory2 |  | CS505THP | Network Security | 3 | 2 |  | 4 |
| Theory3 | Elective |  | Dept. | 3 | 2 |  | 4 |
| Theory4 | Elective |  | Institute/Open  | 3 | 2 |  | 4 |
| Theory5 |  | HS552TH | Quantitative Aptitude-II | 2 |  |  | 2 |
|  |  | HS553TH | Engg. Economics | 2 |  |  | 2 |
|  |  |  |  |  |  |  |  |
| TOTAL |  |  |  | 20 |

**Electives:**

|  |  |
| --- | --- |
| **Subject code** | **Subject Name**  |
| CS506THP | Mobile Computing |
| CS507THP | PCGPU |
| CS508THP | Cloud Computing |
| CS509THP | Data Science |
| CS510THP | UID |
| CS511THP | IoT |
| CS512THP | Machine Learning |
| CS513THP | Wireless Sensor network |
| CS514THP | Image Processing |
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