|  |
| --- |
| **Delivery Plan (Weekly Syllabus)**المنهاج الاسبوعي النظري |
|  | **Material Covered** |
| **Week 1** | An introduction |
| **Week 2** | Cryptography-Transposition methods-columnar and double columnar |

|  |  |
| --- | --- |
| **Week 3** | Classical substitution methods-addative,multiplactive and affine methods |
| **Week 4** | Classical substitution methods-Vigenere algorithm |
| **Week 5** | Classical substitution methods-playfair algorithm |
| **Week 6** | Mathematics of Glyptography |
| **Week 7** | Modern and conventional |
| **Week 8** |  Stream cipher algorithms |
| **Week 9** | Stream against block cipher |
| **Week 10** | Feed back shift register |
| **Week 11** | Some stream cipher algorithms |
| **Week 12** | Artificial Intelligence Problems and Applications of Relationship. |

|  |
| --- |
| **Delivery Plan (Weekly Lab. Syllabus)**المنهاج الاسبوعي للمختبر |
|  | **Material Covered** |
| **Week 1** | Columnar algorithm program |
| **Week 2** | Additive+affine+vigenere algorithms programs  |
| **Week 3** | Playfair algorithm program |
| **Week 4** | LFSRs generators programs |
| **Week 5** | RC4 algorithm program |
| **Week 6** | RSA encryption+ authentication programs |