

**Credit Structure for 4 Years Honours with Research Degree Program**  
**FYBSCIT Semester-I**  
**Academic Level 4.5**

| Vertical             | Description             | Subject  | Syllabus  | Credits   |
|----------------------|-------------------------|--|---|-----------|
| Vertical 1           | Major (M1)<br>Mandatory | Programming with C                                       | <a href="https://sncollege.com/welcome/departmentdetails/5">https://sncollege.com/welcome/departmentdetails/5</a> | 2         |
|                      | Major                   | Database Management Systems                              | <a href="https://sncollege.com/welcome/departmentdetails/5">https://sncollege.com/welcome/departmentdetails/5</a> | 2         |
|                      | Major                   | Practical I  | <a href="https://sncollege.com/welcome/departmentdetails/5">https://sncollege.com/welcome/departmentdetails/5</a> | 2         |
|                      |                         |  |   |           |
| Vertical 3<br>OE     | Open Elective           | Entrepreneurship Management                              | <a href="https://sncollege.com/welcome/departmentdetails/5">https://sncollege.com/welcome/departmentdetails/5</a> | 2         |
|                      | Open Elective           | Basics of Fintech  | <a href="https://sncollege.com/welcome/departmentdetails/5">https://sncollege.com/welcome/departmentdetails/5</a> | 2         |
|                      |                         |  |   |           |
| Vertical 4           | VSC                     | Combinational and Sequential Design                      | <a href="https://sncollege.com/welcome/departmentdetails/5">https://sncollege.com/welcome/departmentdetails/5</a> | 2         |
|                      | SEC                     | Office Tools for Data Management                         | <a href="https://sncollege.com/welcome/departmentdetails/5">https://sncollege.com/welcome/departmentdetails/5</a> | 2         |
|                      |                         |  |   |           |
| Vertical 5           | AEC                     | Introduction to Communication Skills                     | <a href="https://sncollege.com/welcome/departmentdetails/5">https://sncollege.com/welcome/departmentdetails/5</a> | 2         |
|                      | VEC                     | Environmental Management and Sustainable Development- I, | <a href="https://sncollege.com/welcome/departmentdetails/5">https://sncollege.com/welcome/departmentdetails/5</a> | 2         |
|                      | IKS                     | Indian Knowledge System Series (Generic) – I             | <a href="https://sncollege.com/welcome/departmentdetails/5">https://sncollege.com/welcome/departmentdetails/5</a> | 2         |
|                      |                         |  |   |           |
| Vertical 6           | CC                      | Introduction to Cultural Activities                      | <a href="https://sncollege.com/welcome/departmentdetails/5">https://sncollege.com/welcome/departmentdetails/5</a> | 2         |
|                      | CC                      | National Service Scheme (NSS)                            | <a href="https://sncollege.com/welcome/departmentdetails/5">https://sncollege.com/welcome/departmentdetails/5</a> | 2         |
|                      | CC                      | Introduction to Sports, Physical literacy                | <a href="https://sncollege.com/welcome/departmentdetails/5">https://sncollege.com/welcome/departmentdetails/5</a> | 2         |
|                      |                         |  |   |           |
|                      |                         |  |   |           |
| <b>Total Credits</b> |                         |  |   | <b>22</b> |