

**VEER NARMAD SOUTH GUJARAT UNIVERSITY – SURAT**  
**Bachelor of Computer Application (B.C.A) 2<sup>nd</sup> Year**  
**Syllabus (As Per CBCS)**

**S. Y. B. C. A. Semester 4**  
**Effective From: June-2012**

| No           | Course Type           | Subject   | Credit | Hrs. | Internal Marks | External Marks | External Exam Duration | Total Marks |
|--------------|-----------------------|---|--------|------|----------------|----------------|------------------------|-------------|
| 401          | Foundation compulsory | Information System                                  | 2      | 2    | 30             | 70             | 3 Hrs                  | 100         |
| 402          | CORE Elective         | Software Engineering – II                           | 3      | 3    | 30             | 70             | 3 Hrs                  | 100         |
| 403          | CORE                  | Java Programming                                    | 4      | 4    | 30             | 70             | 3 Hrs                  | 100         |
| 404          | CORE                  | .Net Programming                                    | 4      | 4    | 30             | 70             | 3Hrs                   | 100         |
| 405          | CORE                  | Web Designing                                       | 4      | 4    | 30             | 70             | 3 Hrs                  | 100         |
| 406          | CORE                  | Practical   | 6      | 12   | 60             | 140            | 5 Hrs                  | 200         |
|              | Foundation Elective   | To be Selected from the list (eg NCC/NSS/Saptdhara) | 2      | 2    |                |                |                        |             |
| <b>TOTAL</b> |                       |   | 25     | 31   | 210            | 490            |                        | 700         |