



# Shri Vaishnav Vidyapeeth Vishwavidyalaya

## B.Sc. Electronics

Choice Based Credit System (CBCS)

SEMESTER - VI (2018-2021)

| S. No. | COURSE CODE           | COURSE NAME                            | TEACHING |   |   | CREDITS | EXAMINATION SCHEME            |                     |                            |                               |                            | TOTAL MARKS |
|--------|-----------------------|----------------------------------------|----------|---|---|---------|-------------------------------|---------------------|----------------------------|-------------------------------|----------------------------|-------------|
|        |                       |                                        | L        | T | P |         | THEORY                        |                     |                            | PRACTICAL                     |                            |             |
|        |                       |                                        |          |   |   |         | End Sem University Exam (60%) | Two Term Exam (20%) | Teachers Assessment* (20%) | End Sem University Exam (60%) | Teachers Assessment* (40%) |             |
| 1      | BSSE601A              | Skill Enhancement Group A: Physics     | 0        | 0 | 4 | 2       | 0                             | 0                   | 0                          | 30                            | 20                         | 50          |
| 2      | BSSE601B              | Skill Enhancement Group B: Electronics | 0        | 0 | 4 | 2       | 0                             | 0                   | 0                          | 30                            | 20                         | 50          |
| 3      | BSPH602               | Atomic, molecular and nuclear physics  | 3        | 1 | 0 | 4       | 60                            | 20                  | 20                         | 0                             | 0                          | 100         |
| 4      | BSEL603               | Electronics VI                         | 3        | 1 | 0 | 4       | 60                            | 20                  | 20                         | 0                             | 0                          | 100         |
| 5      | BSPMA604              | Computer science and programming       | 3        | 1 | 0 | 4       | 60                            | 20                  | 20                         | 0                             | 0                          | 100         |
| 6      | BSMA605A/<br>BSMA605B | Elective                               | 3        | 1 | 0 | 4       | 60                            | 20                  | 20                         | 0                             | 0                          | 100         |
| 7      | BSPR606               | Physics Project II                     | 0        | 0 | 4 | 2       | 0                             | 0                   | 0                          | 30                            | 20                         | 50          |
| 5      | BSPEL607              | Electronics Lab VI                     | 0        | 0 | 4 | 2       | 0                             | 0                   | 0                          | 30                            | 20                         | 50          |
|        |                       |                                        | 12       | 4 | 8 | 24      | 240                           | 80                  | 80                         | 120                           | 80                         | 600         |

Lecture : L - ,TutoriaITeacher Guided Student Assignment : D - , P - 1

Legends: L - Lecture ; T - Tutorial/Teacher Guided Student Activity ; P - Practical ;

### Elective-I

|          |                               |
|----------|-------------------------------|
| BSMA605A | Group A: A course of calculus |
| BSMA605B | Group B: Discrete Mathematics |

Legend: L - Lecture; T - Tutorial/Teacher Guided Student Activity; P - Practical; C - Credit;  
Q/A - Question/Assignment/Assignment; MST Mid Sem Test.

\* Teacher Assessment shall be based on following components: Oral/Assignment/Project/Participation in class (Given that no component shall be exceed 10 Marks)  
\*\* Teacher Assessment of Lab work shall be based on following components: Visual Fed/ Participation in Lab work (Given that no component shall be exceed 50% of Marks)  
Students are advised to take online UOC/MOOC courses of minimum 2 credits.

Dr. Anand Singh  
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Board of Studies, SVS

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