



Shri Vaishnav Vidyapeeth Vishwavidyalaya
B.Sc. Physics, Chemistry, Maths (PCM)
Choice Based Credit System (CBCS) 2019-22

SEMESTER - V

| 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 | BSSE501A | Skill Enhancement: Group A: Physics | 0 | 0 | 4 | 2 | 0 | 0 | 0 | 30 | 20 | 50 |
| 2 | BSSE501B | Skill Enhancement: Group B: Chemistry | 0 | 0 | 4 | 2 | 0 | 0 | 0 | 30 | 20 | 50 |
| 3 | BSPH502 | Thermodynamics | 3 | 1 | 0 | 4 | 60 | 20 | 20 | 0 | 0 | 100 |
| 4 | BSCH503 | Organic Chemistry I | 3 | 1 | 0 | 4 | 60 | 20 | 20 | 0 | 0 | 100 |
| 5 | BSMA504 | Numerical Methods and Linear Programming | 3 | 1 | 0 | 4 | 60 | 20 | 20 | 0 | 0 | 100 |
| 6 | BSMA505A/ BSMA505B | Elective | 3 | 1 | 0 | 4 | 60 | 20 | 20 | 0 | 0 | 100 |
| 7 | BSPR506 | Physics Project I | 0 | 0 | 4 | 2 | 0 | 0 | 0 | 30 | 20 | 50 |
| 5 | BSCH507 | Chemistry Lab | 0 | 0 | 4 | 2 | 0 | 0 | 0 | 30 | 20 | 50 |
| | | | 12 | 4 | 16 | 24 | 240 | 80 | 80 | 120 | 80 | 600 |

Elective-I

| | |
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| BSMA505A | Group A: Analytical Dynamics |
| BSMA505B | Group B: Probability and Statistics |

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

Q/A - Quiz/Assignment/Attendance, MST Mid Sem Test.

*Teacher Assessment shall be based on following components: Quiz/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: Viva/ File/ Participation in Lab work (Given that no component shall be exceed 50% of Marks)

Students are adviced to take online UGC MOOCs courses of minimum 2 credits.