

Shri Vaishnav Institute of Science
(Shri Vaishnav Vidyapeeth Vishwavidyalaya)
P.G. PROGRAM M. Sc. PHYSICS

M.Sc. SEMESTER - IV

| S. NO. | SUBJECT CODE | SUBJECT NAME | EVALUATION SCHEME | | | | | | | | | | TOTAL MARKS |
|--------------|--------------|----------------------------------------------|-------------------------|---------------|-----------------------|-------------------------|------------------------|-----------------------|----|---|----|---------|-------------|
| | | | THEORY | | | PRACTICAL | | VIVA/ PRESENTATION | Th | T | P | CREDITS | |
| | | | End Sem University Exam | Two Term Exam | Teachers Assessment** | End Sem University Exam | Teachers Assessment*** | | | | | | |
| 1 | MSPH401 | Semiconductor Fabrication and Technology* | 60 | 20 | 20 | 0 | 0 | 0 | 3 | 1 | 0 | 4 | 700 |
| 2 | MSPH402 | LASER Physics -II | 60 | 20 | 20 | 0 | 0 | 0 | 3 | 1 | 0 | 4 | |
| 3 | MSPH403 | Plasma Physics-II | 60 | 20 | 20 | 0 | 0 | 0 | 3 | 1 | 0 | 4 | |
| 4 | MSPH404 | Material Science-II* | 60 | 20 | 20 | 0 | 0 | 0 | 3 | 1 | 0 | 4 | |
| 5 | MSPH405 | Instrumentation, Measurement & Analysis -II* | 60 | 20 | 20 | 0 | 0 | 0 | 3 | 1 | 0 | 4 | |
| 6 | MSCV406 | Comprehensive Viva | 0 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 4 | |
| 7 | MSPRO407 | Project Phase-II & Presentation | 0 | 0 | 0 | 0 | 0 | 200 | 0 | 0 | 16 | 8 | |
| TOTAL | | | 240 | 80 | 80 | 0 | 0 | 300 | 12 | 4 | 16 | 28 | |

*Electives (any two out of three).

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

**Teacher Assessment shall be based on following components: Quiz/Assignment/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)

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