



C. U. SHAH UNIVERSITY, Wadhwan City

Name of Program : B. Sc.

Name of Branch : Che/Phy/Maths/Botany

Semester : III

W.E.F. – June 2014

Teaching and Evaluation Scheme

| Sr. No. | Brach Code | Subject Code | Subject Name | Teaching hours/week | | | | Credit | Evaluation Scheme/semester | | | | | | | | Total Marks |
|--------------------------------------------------------------------------------------------------|------------|--------------|-----------------------------------|---------------------|----|----|-------|--------|----------------------------|-----|-----------------|-----|-----------|----|------------|-----|-------------|
| | | | | Th | Tu | Pr | Total | | Theory | | | | Practical | | | | |
| | | | | | | | | | Sessional Exam | | University Exam | | Internal | | University | | |
| | | | | | | | | | Marks | Hrs | Marks | Hrs | Pr | TW | | | |
| Mathematics Core Compulsory Courses (For MP Group) | | | | | | | | | | | | | | | | | |
| 1 | 02, 03 | 4SC03MTC1 | Advanced Calculus | 3 | 0 | 0 | 3 | 3 | 30 | 1.5 | 70 | 3 | -- | -- | -- | 100 | |
| 2 | | 4SC03MTC2 | Linear Algebra-I | 3 | 0 | 0 | 3 | 3 | 30 | 1.5 | 70 | 3 | -- | -- | -- | 100 | |
| 3 | | 4SC03MTP1 | Mathematics Practical-III | 0 | 0 | 4 | 4 | 2 | -- | -- | -- | -- | 10 | 10 | 30 | 50 | |
| Mathematics Core Elective Courses (to choose any one of the below two subjects)(For MP Group) | | | | | | | | | | | | | | | | | |
| 4 | 02, 03 | 4SC03MTE1 | Numerical Analysis | 3 | 0 | 0 | 3 | 3 | 30 | 1.5 | 70 | 3 | -- | -- | -- | 100 | |
| 5 | | 4SC03MTE2 | Statistics-I | 3 | 0 | 0 | 3 | 3 | 30 | 1.5 | 70 | 3 | -- | -- | -- | 100 | |
| Physics Core Compulsory Courses(For MP and CP Group) | | | | | | | | | | | | | | | | | |
| 6 | 01, 02, 03 | 4SC03PHC1 | Heat and Thermodynamics | 3 | 0 | 0 | 3 | 3 | 30 | 1.5 | 70 | 3 | -- | -- | -- | 100 | |
| 7 | | 4SC03PHC2 | Electricity and Magnetism | 3 | 0 | 0 | 3 | 3 | 30 | 1.5 | 70 | 3 | -- | -- | -- | 100 | |
| 8 | | 4SC03PHP1 | Physics Practical-III | 0 | 0 | 4 | 4 | 2 | -- | -- | -- | -- | 10 | 10 | 30 | 50 | |
| Physics Core Elective Courses (to choose any one of the below two subjects)(For MP and CP Group) | | | | | | | | | | | | | | | | | |
| 9 | 01, 02, 03 | 4SC03PHE1 | Modern physics | 3 | 0 | 0 | 3 | 3 | 30 | 1.5 | 70 | 3 | -- | -- | -- | 100 | |
| 10 | | 4SC03PHE2 | Non-Conventional Energy Resources | 3 | 0 | 0 | 3 | 3 | 30 | 1.5 | 70 | 3 | -- | -- | -- | 100 | |
| Chemistry Core Compulsory Courses(For CP Group) | | | | | | | | | | | | | | | | | |
| 11 | 01, 03 | 4SC03CHC1 | Chemistry-III | 3 | 0 | 0 | 3 | 3 | 30 | 1.5 | 70 | 3 | -- | -- | -- | 100 | |
| 12 | | 4SC03CHC2 | Chemistry-IV | 3 | 0 | 0 | 3 | 3 | 30 | 1.5 | 70 | 3 | -- | -- | -- | 100 | |
| 13 | | 4SC03CHP1 | Chemistry Practical-III | 0 | 0 | 6 | 6 | 3 | -- | -- | -- | -- | 10 | 10 | 30 | 50 | |
| Chemistry Core Elective Courses (to choose any one of the below two subjects)(For CP Group) | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | |
|-----------------------------------------------------------------|----------|-----------|---------------------------------------|----|---|----|----|----|-----|-----|-----|----|----|----|----|-----|
| 14 | 01, 03 | 4SC03CHE1 | Chemistry-V | 3 | 0 | 0 | 3 | 3 | 30 | 1.5 | 70 | 3 | -- | -- | -- | 100 |
| 15 | | 4SC03CHE2 | Chemistry-VI | 3 | 0 | 0 | 3 | 3 | 30 | 1.5 | 70 | 3 | -- | -- | -- | 100 |
| Compulsory English Course for all students(For MP and CP Group) | | | | | | | | | | | | | | | | |
| 16 | 01,02,03 | 4SC03CSE1 | Communication Skills in English (CSE) | 2 | 2 | 0 | 4 | 3 | 30 | 1.5 | 70 | 3 | -- | 20 | 30 | 150 |
| (MP Group) Total: | | | | 20 | 2 | 08 | 30 | 25 | 210 | -- | 490 | -- | 20 | 40 | 90 | 850 |
| (CP Group) Total: | | | | 20 | 2 | 10 | 32 | 26 | 210 | -- | 490 | -- | 20 | 40 | 90 | 850 |

Note: In each core subject two courses are compulsory, and one will be elective course. e.g. who has chosen Mathematics as a principal or subsidiary subject, has to learn 4SC03MTC1, and 4SC03MTC2 as a compulsory subject, and he/she has to choose one elective subject from 4SC03MTE1 and 4SC03MTE2.