

(SCHEME OF EXAMINATIONS)

Scheme of Programme Code: 905 Programme Name: DOCTOR OF PHILOSOPHY (COURSE WORK IN CHEMISTRY) SchemeID: 909052017001 Sem./Year: 01 SEMESTER
 Institution Code: 408 Institution: UNIVERSITY SCHOOL OF BASIC & APPLIED SCIENCE

| S.No. | Paper ID | Code | Subject | Credit | Type | Exam | Mode | Kind | Minor | Major | Max. Marks | Pass Marks |
|-------|----------|---------|--|--------|-----------|------|------------|-----------|-------|-------|------------|------------|
| 01 | 905101 | CWC-101 | RESEARCH METHODOLOGY FOR SCIENCE AND TECHNOLOGY | 4 | THEORY | UES | COMPULSORY | MANDATORY | 25 | 75 | 100 | 50 |
| 02 | 10102 | NST-102 | FABRICATION TECHNIQUES AND CHARACTERISATION OF NANOMATERIALS | 4 | THEORY | UES | ELECTIVE | MANDATORY | 25 | 75 | 100 | 50 |
| 03 | 905102 | CWC-102 | INTRODUCTION TO MATLAB AND COMPUTATIONAL METHODS | 2 | THEORY | UES | ELECTIVE | MANDATORY | 25 | 75 | 100 | 50 |
| 04 | 905103 | CWC-103 | MATLAB AND COMPUTATIONAL METHODS LAB | 2 | PRACTICAL | UES | ELECTIVE | MANDATORY | 25 | 75 | 100 | 50 |
| 05 | 905104 | CWC-104 | HETEROCYCLIC CHEMISTRY & SYNTHON APPROACH | 4 | THEORY | UES | ELECTIVE | MANDATORY | 25 | 75 | 100 | 50 |
| 06 | 905105 | CWC-105 | BIOLOGICAL CHEMISTRY | 4 | THEORY | UES | ELECTIVE | MANDATORY | 25 | 75 | 100 | 50 |
| 07 | 905106 | CWC-106 | NATURAL PRODUCTS AND INSTRUMENTATION | 4 | THEORY | UES | ELECTIVE | MANDATORY | 25 | 75 | 100 | 50 |
| 08 | 905107 | CWC-107 | CHEMICAL SYNTHESIS OF NANOMATERIALS | 4 | THEORY | UES | ELECTIVE | MANDATORY | 25 | 75 | 100 | 50 |

