



Sardar Patel University
Vallabh Vidyanagar

1.1.3 Courses having focus on employability/entrepreneurship/ skill development

M. Sc. (Chemistry)

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| PS01CCHE21 | Inorganic Chemistry |
| PS01CCHE22 | Organic Chemistry-I |
| PS01CCHE23 | Topics in Physical Chemistry-I |
| PS01CCHE24 | Practicals |
| PS01CCHE25 | Practicals |
| PS01ECHE21 | Biophysical Chemistry-I |
| PS01ECHE22 | Polymer Chemistry-I |
| PS02CCHE21 | Quantum Chemistry |
| PS02CCHE22 | Organic Chemistry-II |
| PS02CCHE23 | Topics in Physical Chemistry-II |
| PS02CCHE24 | Practicals |
| PS02CCHE25 | Practicals |
| PS02ECHE22 | Introduction to Biochemistry |
| PS03CANC22 | Elements of Analytical Chemistry |
| PS03CANC23 | Classical and Thermal of Methods of Analysis |
| PS03CANC24 | Practicals |
| PS03CANC25 | Project Work |
| PS03CANC26 | Practicals |
| PS03CANC27 | Project Work |
| PS03EANC21 | Separation Methods |
| PS03EANC22 | Analytical techniques in Materials characterization |
| PS03CINC21 | Spectroscopy - I |
| PS03CINC22 | Nuclear Chemistry and Reaction Mechanism |
| PS03CINC23 | Organometallic Compounds |
| PS03CINC24 | Practicals |
| PS03CINC25 | Project Work |
| PS03CINC26 | Practicals |
| PS03CINC27 | Project Work |
| PS03EINC21 | Applications of Inorganic Chemistry in Industry |
| PS03EINC22 | Selected Topics in Advanced Inorganic Chemistry-I |
| PS03CIPC21 | Spectroscopy of Polymers |
| PS03CIPC22 | Manufacture Properties and Applications of Thermosets |
| PS03CIPC23 | Polymer Structure & Properties |
| PS03CIPC24 | Practicals |
| PS03CIPC25 | Project Work |
| PS03CIPC26 | Practicals |
| PS03CIPC27 | Project Work |
| PS03EIPC21 | Selected Topics in Polymers-I |
| PS03EIPC22 | Mechanical and Electrical Properties of Polymers |
| PS03CORC21 | Organic Spectroscopy |
| PS03CORC22 | Disconnection Approach |
| PS03CORC23 | Heterocyclic Chemistry |
| PS03CORC24 | Practicals |
| PS03CORC25 | Project Work |
| PS03CORC26 | Practicals |
| PS03CORC27 | Project Work |

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| PS03EORC21 | Selected Topics in Organic Chemistry |
| PS03EORC22 | Occupational Practices |
| PS03CPHC21 | Molecular Spectroscopic Methods for Structure Determination |
| PS03CPHC22 | Nuclear and Radiation Chemistry |
| PS03CPHC23 | Selected Topics in Physical Chemistry – I |
| PS03CPHC24 | Practicals |
| PS03CPHC25 | Project Work |
| PS03CPHC26 | Practicals |
| PS03CPHC27 | Project Work |
| PS03EPhC21 | Surface Chemistry and Catalysis |
| PS03EPhC22 | Advanced Characterization Techniques |
| PS04CANC21 | Spectroscopy - II |
| PS04CANC22 | Electro-Analytical Methods |
| PS04CANC23 | Analysis of Industrial Products |
| PS04CANC24 | Practicals |
| PS04CANC25 | Project Work |
| PS04CANC26 | Practicals |
| PS04CANC27 | Project Work |
| PS04EANC21 | Environmental Chemistry and Analysis |
| PS04EANC22 | Analysis of Pharmaceutical drugs |
| PS04CINC21 | Spectroscopy II |
| PS04CINC22 | Solid State Chemistry and Supra Molecular Chemistry |
| PS04CINC23 | Bioinorganic Chemistry |
| PS04CINC24 | Practical |
| PS04CINC25 | Project |
| PS04CINC26 | Practical |
| PS04CINC27 | Project |
| PS04EINC21 | Selected Topics in Advanced Inorganic Chemistry-II |
| PS04EINC22 | Inorganic Polymers and Inorganic Materials |
| PS04CIPC21 | Spectroscopy of Polymers-II |
| PS04CIPC22 | Manufacture Properties & Applications Of Thermoplastics |
| PS04CIPC23 | Processing of Polymers |
| PS04CIPC24 | Practical |
| PS04CIPC25 | Project Work |
| PS04CIPC26 | Practical |
| PS04CIPC27 | Project Work |
| PS04EIPC21 | Selected Topics in Polymers-II |
| PS04EIPC22 | Preparation, Production and Testing of Polymers |
| PS04CORC21 | Natural Products |
| PS04CORC22 | Medicinal Chemistry |
| PS04CORC23 | Stereochemistry of Organic Compounds |
| PS04CORC24 | Practical |
| PS04CORC25 | Project Work |
| PS04CORC26 | Practical |
| PS04CORC27 | Project Work |
| PS04EORC21 | Topics in Organic Chemistry |
| PS04CPHC21 | Atomic Spectroscopy and Microscopic Techniques |
| PS04CPHC22 | Chemistry of Solid Materials |
| PS04CPHC24 | Practicals : Polymer Synthesis by Various Techniques |
| PS04CPHC25 | Project work |
| PS04CPHC26 | Practicals |
| PS04CPHC27 | Project work |
| PS04EPhC21 | Photochemistry and Energy Systems |
| PS04EPhC22 | Advanced Characterization Techniques-II |