

Uka Tarsadia University

Department of Chemistry

Teaching Evaluation Scheme With effect from January – 2019

Course Name:M.Sc. (ANALYTICAL CHEMISTRY)

Semester: II

Academic Year :- 2018-19

| Sr. No | Subject Code | Subject Title | Teaching scheme (Contact Hrs/ Week) | | | Credit | | Theory Exam (Marks) | | Practical Exam (Marks) | | Total Marks |
|--------------|--------------|----------------------------------|--|----------|-----------|-----------|-----------|------------------------|------------|---------------------------|------------|-------------|
| | | | L | T | P | Theory | Practical | Internal | External | Internal | External | |
| 1 | 40230201 | INORGANIC CHEMISTRY-II | 4 | | | 4 | | 40 | 60 | | | 100 |
| 2 | 40230202 | ORGANIC CHEMISTRY-II | 4 | | | 4 | | 40 | 60 | | | 100 |
| 3 | 40230203 | PHYSICAL CHEMISTRY-II | 4 | | | 4 | | 40 | 60 | | | 100 |
| 4 | 40230204 | ANALYTICAL CHEMISTRY-II | 4 | | | 4 | | 40 | 60 | | | 100 |
| 5 | 40230205 | INORGANIC CHEMISTRY PRACTICAL-II | | | 4 | | 2 | | | 40 | 60 | 100 |
| 6 | 40230206 | ORGANIC CHEMISTRY PRACTICAL-II | | | 4 | | 2 | | | 40 | 60 | 100 |
| 7 | 40230207 | PHYSICAL CHEMISTRY PRACTICAL-II | | | 4 | | 2 | | | 40 | 60 | 100 |
| 8 | 40230208 | PROJECT WORK | | | 4 | | 4 | | | 40 | 60 | 100 |
| TOTAL | | | 16 | 0 | 16 | 16 | 10 | 160 | 240 | 160 | 240 | 800 |

Uka Tarsadia University

Department of Chemistry

Teaching Evaluation Scheme With effect from January – 2019

Course Name:M.Sc. (PHARMACEUTICAL CHEMISTRY)

Semester: II

Academic Year :- 2018-19

| Sr. No | Subject Code | Subject Title | Teaching scheme (Contact Hrs/ Week) | | | Credit | | Theory Exam (Marks) | | Practical Exam (Marks) | | Total Marks |
|--------------|--------------|----------------------------------|--|----------|-----------|-----------|-----------|------------------------|------------|---------------------------|------------|-------------|
| | | | L | T | P | Theory | Practical | Internal | External | Internal | External | |
| 1 | 40090211 | INORGANIC CHEMISTRY-II | 4 | | | 4 | | 40 | 60 | | | 100 |
| 2 | 40090212 | ORGANIC CHEMISTRY-II | 4 | | | 4 | | 40 | 60 | | | 100 |
| 3 | 40090213 | PHYSICAL CHEMISTRY-II | 4 | | | 4 | | 40 | 60 | | | 100 |
| 4 | 40090214 | BIO-PHARMACEUTICAL CHEMISTRY | 4 | | | 4 | | 40 | 60 | | | 100 |
| 5 | 40090215 | INORGANIC CHEMISTRY PRACTICAL-II | | | 4 | | 2 | | | 40 | 60 | 100 |
| 6 | 40090216 | ORGANIC CHEMISTRY PRACTICAL-II | | | 4 | | 2 | | | 40 | 60 | 100 |
| 7 | 40090217 | PHYSICAL CHEMISTRY PRACTICAL-II | | | 4 | | 2 | | | 40 | 60 | 100 |
| 8 | 40090218 | PROJECT WORK | | | 4 | | 4 | | | 40 | 60 | 100 |
| TOTAL | | | 16 | 0 | 16 | 16 | 10 | 160 | 240 | 160 | 240 | 800 |

Dr. Ajit Joshi
I/C Director
Dept. of Chemistry

Uka Tarsadia University

Department of Chemistry

Teaching Evaluation Scheme with effect from January – 2019

Course Name: Integrated M.Sc. Chemistry

Semester: VIII

Academic Year :- 2018-19

Specialization: ORGANIC CHEMISTRY

| Sr. No | Subject Code | Subject Title | Teaching scheme (Contact Hrs/ Week) | | | Credit | | Theory Exam (Marks) | | Practical Exam (Marks) | | Total Marks |
|--------------|--------------|----------------------------------|--|----------|-----------|-----------|-----------|------------------------|------------|---------------------------|------------|-------------|
| | | | L | T | P | Theory | Practical | Internal | External | Internal | External | |
| 1 | 6008017 | INORGANIC CHEMISTRY-II | 4 | | | 4 | | 40 | 60 | | | 100 |
| 2 | 6008018 | ORGANIC CHEMISTRY-II | 4 | | | 4 | | 40 | 60 | | | 100 |
| 3 | 6008019 | PHYSICAL CHEMISTRY-II | 4 | | | 4 | | 40 | 60 | | | 100 |
| 4 | 6008020 | ANALYTICAL CHEMISTRY-II | 4 | | | 4 | | 40 | 60 | | | 100 |
| 5 | 6008021 | INORGANIC CHEMISTRY PRACTICAL-II | | | 4 | | 2 | | | 40 | 60 | 100 |
| 6 | 6008022 | ORGANIC CHEMISTRY PRACTICAL-II | | | 4 | | 2 | | | 40 | 60 | 100 |
| 7 | 6008023 | PHYSICAL CHEMISTRY PRACTICAL-II | | | 4 | | 2 | | | 40 | 60 | 100 |
| 8 | 6008024 | PROJECT WORK | | | 4 | | 4 | | | 40 | 60 | 100 |
| TOTAL | | | 16 | 0 | 16 | 16 | 10 | 160 | 240 | 160 | 240 | 800 |

Specialization: PHARMACEUTICAL CHEMISTRY

| | | | | | | | | | | | | |
|---|---------|----------------------------------|---|--|---|---|---|----|----|----|----|-----|
| 1 | 6008025 | INORGANIC CHEMISTRY-II | 4 | | | 4 | | 40 | 60 | | | 100 |
| 2 | 6008026 | ORGANIC CHEMISTRY-II | 4 | | | 4 | | 40 | 60 | | | 100 |
| 3 | 6008027 | PHYSICAL CHEMISTRY-II | 4 | | | 4 | | 40 | 60 | | | 100 |
| 4 | 6008028 | BIO-PHARMACEUTICAL CHEMISTRY | 4 | | | 4 | | 40 | 60 | | | 100 |
| 5 | 6008029 | INORGANIC CHEMISTRY PRACTICAL-II | | | 4 | | 2 | | | 40 | 60 | 100 |
| 6 | 6008030 | ORGANIC CHEMISTRY PRACTICAL-II | | | 4 | | 2 | | | 40 | 60 | 100 |
| 7 | 6008031 | PHYSICAL CHEMISTRY PRACTICAL-II | | | 4 | | 2 | | | 40 | 60 | 100 |
| 8 | 6008032 | PROJECT WORK | | | 4 | | 4 | | | 40 | 60 | 100 |

| | | | | | | | | | | | | | |
|---|-----------------|----------------------------------|--------------|-----------|----------|-----------|-----------|-----------|------------|------------|------------|------------|------------|
| | | | TOTAL | 16 | 0 | 16 | 16 | 10 | 160 | 240 | 160 | 240 | 800 |
| Specialization: INDUSTRIAL CHEMISTRY | | | | | | | | | | | | | |
| 1 | 60080833 | INORGANIC CHEMISTRY-II | 4 | | | 4 | | | 40 | 60 | | | 100 |
| 2 | 60080834 | ORGANIC CHEMISTRY-II | 4 | | | 4 | | | 40 | 60 | | | 100 |
| 3 | 60080835 | PHYSICAL CHEMISTRY-II | 4 | | | 4 | | | 40 | 60 | | | 100 |
| 4 | 60080836 | ANALYTICAL CHEMISTRY-II | 4 | | | 4 | | | 40 | 60 | | | 100 |
| 5 | 60080837 | INORGANIC CHEMISTRY PRACTICAL-II | | | 4 | | | 2 | | | 40 | 60 | 100 |
| 6 | 60080838 | ORGANIC CHEMISTRY PRACTICAL-II | | | 4 | | | 2 | | | 40 | 60 | 100 |
| 7 | 60080839 | PHYSICAL CHEMISTRY PRACTICAL-II | | | 4 | | | 2 | | | 40 | 60 | 100 |
| 8 | 60080840 | PROJECT WORK | | | 4 | | | 4 | | | 40 | 60 | 100 |
| | | | TOTAL | 16 | 0 | 16 | 16 | 10 | 160 | 240 | 160 | 240 | 800 |
| Specialization: ANALYTICAL CHEMISTRY | | | | | | | | | | | | | |
| 1 | 60080841 | INORGANIC CHEMISTRY-II | 4 | | | 4 | | | 40 | 60 | | | 100 |
| 2 | 60080842 | ORGANIC CHEMISTRY-II | 4 | | | 4 | | | 40 | 60 | | | 100 |
| 3 | 60080843 | PHYSICAL CHEMISTRY-II | 4 | | | 4 | | | 40 | 60 | | | 100 |
| 4 | 60080844 | ANALYTICAL CHEMISTRY-II | 4 | | | 4 | | | 40 | 60 | | | 100 |
| 5 | 60080845 | INORGANIC CHEMISTRY PRACTICAL-II | | | 4 | | | 2 | | | 40 | 60 | 100 |
| 6 | 60080846 | ORGANIC CHEMISTRY PRACTICAL-II | | | 4 | | | 2 | | | 40 | 60 | 100 |
| 7 | 60080847 | PHYSICAL CHEMISTRY PRACTICAL-II | | | 4 | | | 2 | | | 40 | 60 | 100 |
| 8 | 60080848 | PROJECT WORK | | | 4 | | | 4 | | | 40 | 60 | 100 |
| | | | TOTAL | 16 | 0 | 16 | 16 | 10 | 160 | 240 | 160 | 240 | 800 |

Dr. Ajit Joshi
I/C Director
Dept. of Chemistry

Department of Chemistry, Uka Tarsadia University

Teaching Evaluation Scheme from 2018-19

INT. M.Sc. Chemistry (Specialization-INDUSTRIAL CHEMISTRY) - VIII SEMESTER

| Sr. No | Subject Code | Subject Title | Teaching scheme (Contact Hrs/ Week) | | | Credit | | Theory Exam (Marks) | | Practical Exam (Marks) | | Total Marks |
|--------------|--------------|----------------------------------|--|----------|-----------|-----------|-----------|------------------------|------------|---------------------------|------------|----------------|
| | | | L | T | P | Theory | Practical | Internal | External | Internal | External | |
| 1 | 60080833 | INORGANIC CHEMISTRY-II | 4 | | | 4 | | 40 | 60 | | | 100 |
| 2 | 60080834 | ORGANIC CHEMISTRY-II | 4 | | | 4 | | 40 | 60 | | | 100 |
| 3 | 60080835 | PHYSICAL CHEMISTRY-II | 4 | | | 4 | | 40 | 60 | | | 100 |
| 4 | 60080836 | ANALYTICAL CHEMISTRY-II | 4 | | | 4 | | 40 | 60 | | | 100 |
| 5 | 60080837 | INORGANIC CHEMISTRY PRACTICAL-II | | | 4 | | 2 | | | 40 | 60 | 100 |
| 6 | 60080838 | ORGANIC CHEMISTRY PRACTICAL-II | | | 4 | | 2 | | | 40 | 60 | 100 |
| 7 | 60080839 | PHYSICAL CHEMISTRY PRACTICAL-II | | | 4 | | 2 | | | 40 | 60 | 100 |
| 8 | 60080840 | PROJECT WORK | | | 4 | | 4 | | | 40 | 60 | 100 |
| TOTAL | | | 16 | 0 | 16 | 16 | 10 | 160 | 240 | 160 | 240 | 800 |

Department of Chemistry, Uka Tarsadia University

Teaching Evaluation Scheme from 2018-19

INT. M.Sc. Chemistry (Specialization-PHARMACEUTICAL CHEMISTRY) - VIII SEMESTER

| Sr. No | Subject Code | Subject Title | Teaching scheme (Contact Hrs/ Week) | | | Credit | | Theory Exam (Marks) | | Practical Exam (Marks) | | Total Marks |
|--------------|--------------|----------------------------------|--|----------|-----------|-----------|-----------|------------------------|------------|---------------------------|------------|-------------|
| | | | L | T | P | Theory | Practical | Internal | External | Internal | External | |
| 1 | 60080825 | INORGANIC CHEMISTRY-II | 4 | | | 4 | | 40 | 60 | | | 100 |
| 2 | 60080826 | ORGANIC CHEMISTRY-II | 4 | | | 4 | | 40 | 60 | | | 100 |
| 3 | 60080827 | PHYSICAL CHEMISTRY-II | 4 | | | 4 | | 40 | 60 | | | 100 |
| 4 | 60080828 | BIO-PHARMACEUTICAL CHEMISTRY | 4 | | | 4 | | 40 | 60 | | | 100 |
| 5 | 60080829 | INORGANIC CHEMISTRY PRACTICAL-II | | | 4 | | 2 | | | 40 | 60 | 100 |
| 6 | 60080830 | ORGANIC CHEMISTRY PRACTICAL-II | | | 4 | | 2 | | | 40 | 60 | 100 |
| 7 | 60080831 | PHYSICAL CHEMISTRY PRACTICAL-II | | | 4 | | 2 | | | 40 | 60 | 100 |
| 8 | 60080832 | PROJECT WORK | | | 4 | | 4 | | | 40 | 60 | 100 |
| TOTAL | | | 16 | 0 | 16 | 16 | 10 | 160 | 240 | 160 | 240 | 800 |

Department of Chemistry, Uka Tarsadia University

Teaching Evaluation Scheme from 2018-19

INT. M.Sc. Chemistry (Specialization-ANALYTICAL CHEMISTRY) - VIII SEMESTER

| Sr. No | Subject Code | Subject Title | Teaching scheme (Contact Hrs/ Week) | | | Credit | | Theory Exam (Marks) | | Practical Exam (Marks) | | Total Marks |
|--------------|--------------|----------------------------------|--|----------|-----------|-----------|-----------|------------------------|------------|---------------------------|------------|-------------|
| | | | L | T | P | Theory | Practical | Internal | External | Internal | External | |
| 1 | 60080841 | INORGANIC CHEMISTRY-II | 4 | | | 4 | | 40 | 60 | | | 100 |
| 2 | 60080842 | ORGANIC CHEMISTRY-II | 4 | | | 4 | | 40 | 60 | | | 100 |
| 3 | 60080843 | PHYSICAL CHEMISTRY-II | 4 | | | 4 | | 40 | 60 | | | 100 |
| 4 | 60080844 | ANALYTICAL CHEMISTRY-II | 4 | | | 4 | | 40 | 60 | | | 100 |
| 5 | 60080845 | INORGANIC CHEMISTRY PRACTICAL-II | | | 4 | | 2 | | | 40 | 60 | 100 |
| 6 | 60080846 | ORGANIC CHEMISTRY PRACTICAL-II | | | 4 | | 2 | | | 40 | 60 | 100 |
| 7 | 60080847 | PHYSICAL CHEMISTRY PRACTICAL-II | | | 4 | | 2 | | | 40 | 60 | 100 |
| 8 | 60080848 | PROJECT WORK | | | 4 | | 4 | | | 40 | 60 | 100 |
| TOTAL | | | 16 | 0 | 16 | 16 | 10 | 160 | 240 | 160 | 240 | 800 |

UKA TARSADIA UNIVERSITY,
Department of Chemistry
Teaching Evaluation Scheme with effect from January – 2019

Course Name :-Integrated M. Sc. Chemistry

Semester :- X

Academic Year :- 2018-19

| Sr.No. | Subject Code | Subject Title | Teaching Scheme | | | | Marks | | Marks | | Total Marks (Internal + External) |
|--|--------------|---|-------------------|----------------------|-----------|-----------|------------|------------|------------|------------|--------------------------------------|
| | | | Theory (Hours) | Practical (Hours) | Credits | | Internal | External | Internal | External | |
| | | | | | Theory | Practical | | | | | |
| Specialization : Organic Chemistry | | | | | | | | | | | |
| 1 | 60081001 | ADVANCED ORGANIC SYNTHESIS AND PATENTING | 4 | - | 4 | - | 40 | 60 | - | - | 100 |
| 2 | 60081002 | NATURAL PRODUCTS AND DYES - II | 4 | - | 4 | - | 40 | 60 | - | - | 100 |
| 3 | 60081003 | SELECTED TOPICS IN MEDICINAL CHEMISTRY – II | 4 | - | 4 | - | 40 | 60 | - | - | 100 |
| 4 | 60081004 | DISSERTAION AND SEMINAR | - | 24 | - | 18 | - | - | 200 | 300 | 500 |
| Total | | | 12 | 24 | 12 | 18 | 120 | 180 | 200 | 300 | 800 |
| Specialization : Pharmaceutical Chemistry | | | | | | | | | | | |
| 5 | 60081005 | PHARMACEUTICAL TECHNOLOGY | 4 | - | 4 | - | 40 | 60 | - | - | 100 |
| 6 | 60081006 | VALIDATION, cGMP AND PATENTING | 4 | - | 4 | - | 40 | 60 | - | - | 100 |
| 7 | 60081007 | MEDICINAL CHEMISTRY – II | 4 | - | 4 | - | 40 | 60 | - | - | 100 |
| 8 | 60081008 | DISSERTAION AND SEMINAR | - | 24 | - | 18 | - | - | 200 | 300 | 500 |
| Total | | | 12 | 24 | 12 | 18 | 120 | 180 | 200 | 300 | 800 |

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