

**MANGALORE UNIVERSITY**  
  
**DEPARTMENT OF CHEMISTRY**

**M.Sc. Programme in Analytical Chemistry**

**List of Courses having focus on Employability/ Entrepreneurship/ Skill development-2022-23**

| Course Code | Course Title                                      | Employability | Entrepreneurship | Skill development |
|-------------|---------------------------------------------------|---------------|------------------|-------------------|
| CA H 401    | Inorganic Chemistry                               | ✓             |                  |                   |
| CA H 402    | Organic Chemistry                                 | ✓             |                  |                   |
| CA H 403    | Physical Chemistry                                | ✓             |                  |                   |
| CA S 404    | Inorganic Spectroscopy & Analytical Techniques    | ✓             |                  | ✓                 |
| CA S 406    | Molecular Spectroscopy and Diffraction Techniques | ✓             |                  | ✓                 |
| CA P 407    | Inorganic Chemistry Practicals - I                |               |                  | ✓                 |
| CA P 408    | Organic Chemistry Practicals - I                  |               |                  | ✓                 |
| CA P 409    | Physical Chemistry Practicals - I                 |               |                  | ✓                 |
| CA H 451    | Advanced Inorganic Chemistry                      | ✓             |                  |                   |
| CA H 452    | Advanced Organic Chemistry                        | ✓             |                  |                   |
| CA H 453    | Advanced Physical Chemistry                       | ✓             |                  |                   |
| CA S 454    | Organic Spectroscopic Techniques                  | ✓             |                  | ✓                 |
| CA E 456    | Environmental, Electro-and Polymer Chemistry      | ✓             | ✓                |                   |
| CA P 457    | Inorganic Chemistry Practicals - II               |               |                  | ✓                 |
| CA P 458    | Organic Chemistry Practicals - II                 |               |                  | ✓                 |
| CA P 459    | Physical Chemistry Practicals - II                |               |                  | ✓                 |
| CA H 501    | Principles of Analytical Chemistry                | ✓             | ✓                | ✓                 |
| CA H 502    | Bioanalytical and Radiochemical Techniques        | ✓             |                  | ✓                 |
| CA H 503    | Chromatographic Separation Techniques             | ✓             |                  | ✓                 |
| CA S 505    | Analytical Chemistry of Polymers                  | ✓             | ✓                |                   |
| CA E 506    | Analytical and Green Chemistry                    | ✓             |                  | ✓                 |
| CA P 507    | Analytical Chemistry Practicals-III               |               |                  | ✓                 |
| CA P 508    | Analytical Chemistry Practicals-IV                |               |                  | ✓                 |
| CA P 509    | Analytical Chemistry Practicals-V                 |               |                  | ✓                 |
| CA H 551    | Applied Analysis                                  | ✓             |                  | ✓                 |
| CA H 552    | Optical Methods of Analysis                       |               |                  | ✓                 |
| CA H 553    | Process Analytical Chemistry                      |               |                  | ✓                 |
| CA S 554    | Environmental Analytical Chemistry                | ✓             | ✓                | ✓                 |
| CA S 556    | Separation Techniques                             |               |                  | ✓                 |
| CA P 557    | Analytical Chemistry Practicals-VI                |               |                  | ✓                 |
| CA P 558    | Analytical Chemistry Practicals - VII             |               |                  | ✓                 |
| CA P 559    | Project Work & Dissertation                       | ✓             |                  | ✓                 |

  
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