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| Sr. No | Programme Name |
| 1 | POs of M.Sc. Chemistry (PG) Programme |

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| M.SC | Chemistry | PO1: Deep subject knowledge & intellectual breadth-Apply the subject knowledge to the solution of real-world problems. |
| PO2: Professional Ethics -Apply ethical principles and commit to professional ethics and responsibilities and norms of standard practises |
| PO3: Creative And Critical Thinking- Take informed action after identifying the assumptions that frame our thinking and actions checking out the degree to which these assumptions are accurate and valid and looking at our ideas and decisions intellectual organisational and personal from different perspectives. |
| PO4: Innovation Research and Problem Solving-Identify formulate, review research literature, and analyse complex problems reaching substantiated and innovative conclusions. Design solutions for complex problems with appropriate consideration for the public health and safety, and the cultural societal and environmental considerations. Use a research-based knowledge and research methods to provide valid conclusions. Demonstrate the knowledge of, and need for sustainable development. |
| PO5: Teamwork And Communication Skills functional effectively as an individual and as a member or leader in diverse teams and in multidisciplinary settings present communicate research at national international level write effective articles reports and design documentation make effective presentation and give the receive clear instructions communicate disciplinary knowledge to the community and broader public. |
| PO6: Professionalism And Leadership Readiness- Demonstrate personal accountability and effective work habits e.g. punctuality, working productivity with others, and time as well as workload management. Demonstrate integrity and ethical behaviour, acts responsibly with the interest of the larger community in mind, and to learn from his/her mistakes. Use the strengths of others to achieve common goals, and use interpersonal skills to coach and develop others. Assesses and manage his/her emotions and those of others; use empathetic skills to guide and motivate; and organise, priorities, and delegate work. |
| PO7: Lifelong Learning-Recognise the need for, and have preparation and ability to engage in independent and lifelong learning in the broadest context of technological change. |
| PO8: Competence For Digital World- Prepare well for living, learning and working in digital society. Create, select, and apply appropriate techniques, resources, and modern ICT tools to complex, activities with an understanding of limitations. Use existing digital technologies ethically and efficiently to solve problems, complete task, and accomplish goals. Demonstrate effective adaptability to new and emerging technologies. |
| PO9: Global citizenship – Act with an informed awareness of global issues. Engage in an initiative that encourage equity and growth for all. |