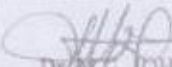


## Action Taken Report

Course: B.Sc, M.Sc and M.Phil Chemistry

Year of Revision: 2016

Alumni	<ul style="list-style-type: none"> <li>• Study materials can be provided to the students.</li> <li>• Details of references, prescribed text books, e books etc., can be made available.</li> <li>• Preparatory courses for Competitive examination can be arranged.</li> </ul>
Parents	<ul style="list-style-type: none"> <li>• Curriculum should be designed to practice social and ethical values in the life of students.</li> <li>• Students can be provided training in leadership qualities.</li> <li>• NET/SET, CSIR - UGC training can be organized.</li> </ul>
Faculty	<ul style="list-style-type: none"> <li>• Curriculum should be suitably modified and updated to cater to the needs of students for higher studies, employability in industries, academic institutions, etc.,</li> <li>• Slow learners should be given remedial classes.</li> <li>• Updated/revised syllabi on par with central university, IIT, National institutes can be developed.</li> <li>• Advanced topics can be introduced to cater the needs of creamy layer students.</li> </ul>
Industrial Experts	<ul style="list-style-type: none"> <li>• Students can be given training in industries to understand the curriculum in a different dimension.</li> <li>• Industrial experts can be called for special lectures.</li> <li>• Institution-Industry MoUs can be created for exchange of industrial knowledge among students.</li> </ul>
Employers	<ul style="list-style-type: none"> <li>• Students should be developed in overall perspective.</li> <li>• Social, ethical and moral values to be taught.</li> <li>• Leadership qualities to be inculcated.</li> </ul>
Action Taken	<ul style="list-style-type: none"> <li>• Students are trained in theoretical and practical skills through theory papers and laboratory courses respectively.</li> <li>• Slow learners are given suitable counseling and offered help in solving the previous semester papers through remedial classes.</li> <li>• Training sessions are offered through placement cell to improve their employability skills.</li> <li>• Students are encouraged to participate in intercollegiate competitions and this is a part of the association activity.</li> <li>• Students are motivated to take up research activities through LOYOLA RESEARCH PARK.</li> <li>• Both UG and PG students are required to present seminars using ICT facilities with a view to impart SOFT SKILL and it is evaluated for the second component.</li> <li>• Students are encouraged to develop social and moral values through the activities of OUTREACH program.</li> <li>• SUMMER TRAINING PROGRAMME is organized for all the first year PG students to acquire the employability/research skills in research laboratories/national institutes such as IISc/IIT/IISER etc.,</li> </ul>

  
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### III Teaching Methodologies

Alumni	<ul style="list-style-type: none"><li>Organized teaching plans and teaching using ICT facilities should be the part of effective teaching strategies.</li></ul>
Parents	<ul style="list-style-type: none"><li>Besides active teaching, problem solving sessions, quiz, oral interactions/evaluations can intensify the depth of understanding of the concepts.</li></ul>
Faculty	<ul style="list-style-type: none"><li>An academic approach to strengthen the fundamental aspects in the beginning and the gradual development of the concepts in chemistry in an organised manner through reaction mechanisms, structural elucidations, problem solving sessions in all the branches of chemistry to make a complete impact in the minds of students for employability/higher studies/research etc.,</li></ul>
Industrial Experts	<ul style="list-style-type: none"><li>Invited lectures from industrial experts can certainly augment the teaching, learning process of students.</li></ul>
Employers	<ul style="list-style-type: none"><li>The ability to work as a team, i.e. the team spirit and quality such as communication skills, social responsibility, time management have to be inculcated.</li></ul>
Action Taken	<ul style="list-style-type: none"><li>Effective use of ICT enabled teaching, compulsory seminar presentation by students to promote soft skill, industrial internship for UG and summer training program for PG students are the essential components to enhance the employability.</li></ul>

### IV Learning Methodologies & Learning Environment

Alumni	<ul style="list-style-type: none"><li>Activities that promote students participation in class room discussions displaying their inherent talents should be regularly carried out.</li><li>The designing of syllabi should ensure that the learning outcomes are met with.</li></ul>
Parents	<ul style="list-style-type: none"><li>Assessment must be consistent with the desired learning outcomes.</li></ul>
Faculty	<ul style="list-style-type: none"><li>Student should be capable of learning individually and in the case of slow learners peer group learning can be promoted.</li><li>Students skills can be assessed through a test/laboratory exercise/seminar/viva voce etc.</li></ul>
Industrial Experts	<ul style="list-style-type: none"><li>Teaching with a focus to meet out the requirements of industry with all necessary skills is the need of the hour.</li></ul>
Employers	<ul style="list-style-type: none"><li>Qualities such as social responsibility,</li></ul>

	adherence to ethical values, time management, team spirit are expected of the students.
Action Taken	<ul style="list-style-type: none"> <li>Academic exercises to enhance problem-solving, decision-making and critical thinking abilities are offered.</li> <li>An approach to interpret scientifically the results of the experiments that would foster independent learning and thinking is also offered.</li> <li>An inclusive approach of teachers to accommodate and engage students from different walks of life is really helpful.</li> </ul>
<b>V Evaluation</b>	
Alumni	<ul style="list-style-type: none"> <li>Students need to be actively and continuously involved in all assessment</li> </ul>
Parents	<ul style="list-style-type: none"> <li>Concerned with the different methodologies of evaluation.</li> </ul>
Faculty	<ul style="list-style-type: none"> <li>Students performance in the class need to be enhanced and evaluated by the teacher.</li> <li>To improve students 'knowledge and learning.</li> </ul>
Industrial Experts	<ul style="list-style-type: none"> <li>Professional development of teachers and innovation in teaching and its application to industry are essential.</li> </ul>
Employers	<ul style="list-style-type: none"> <li>The students should have the potential to determine effective method for learning.</li> </ul>
Action Taken	<ul style="list-style-type: none"> <li>Department can take up the responsibility of developing their own evaluation strategies and evaluation criteria that can be flexible to accommodate diversity in instructional methods.</li> </ul>

  
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