



MARIAN COLLEGE  
KUTTIKANAM  
(AUTONOMOUS)

MAKING COMPLETE

# OBE Inter-Department Audit Report

July 9 & 10th 2019



The audit team visited each Department/School as per the scheduled date and time, reviewed the Program Specific Outcomes of each program along with the Head of the Departments and faculty members and gave suggestions for improvements. Similarly, the Course Outcomes were also reviewed along with the individual course instructors and those outcomes which were not measurable were identified and suggested modifications. This process was continued with all Departments and Schools.

The following were some of the common observations of the audit team:

1. Many teachers understood the OBE concepts and were able to develop SMART (Specific, Measurable, Attainable, Result-oriented, and Time-bounded) Program Specific Outcomes and Course Outcomes. This is really commendable.
2. However, in some cases, the Program Specific Outcomes (PSOs) and Course Outcomes (COs) were either not reflecting student's ability or too narrow or not measurable.
3. In most cases, the Program Specific Outcomes were of low order of thinking (Bloom's Taxonomy).
4. It was learned that due to many Program Specific Outcomes reasons, adequate consultations with important stakeholders such as potential employers, alumni, industry-related scholars and human resource consultants were not done sufficiently while finalising the Program Specific Outcomes.
5. Many of them were not broad enough to contain the comprehensive competencies relevant to those programs and its functional fields.
6. In the case of many courses too, the course outcomes are of low order in Bloom's Taxonomy thinking levels.

7. Another observation of the audit team was that the course outcomes were not organised on a progressive order. Meaning, outcomes should be arranged in such a way that initial one or two outcomes can be in the lower order and the rest should be in higher order of thinking.

**The Program Specific Outcomes (PROGRAM SPECIFIC OUTCOMES) of all Programs were verified during audit visit, and suggestions are given for modifications.**

<b>Program</b>	<b>Old PROGRAM SPECIFIC OUTCOMES</b>	<b>Suggestions for review</b>
<i>Bachelor of Business Administration</i>	1. Apply basic knowledge of management theories and practices for business decision making. 2. Demonstrate the fundamentals of creating and managing innovation and entrepreneurship. 3. Communicate effectively to all stakeholders of business using technology. 4. Exhibit ability to lead ethically.	<ul style="list-style-type: none"> <li>• PSO2 is not specific.</li> <li>• PSO3 &amp; 4 are again not measurable.</li> <li>• Suggest to go for feedback and come up with more comprehensive higher-order PSOs.</li> </ul>
<i>Bachelor of Computer Applications</i>	1. Apply mathematical foundations, algorithmic principles, and computer science theory and principles to provide software solutions.	<ul style="list-style-type: none"> <li>• PSO1 Not specific and hence difficult to measure.</li> </ul>

	<p>2. Design, implement and test a software system keeping ethical and professional standards.</p> <p>3. Learn to integrate new design methodologies and development platforms.</p> <p>4. Practice teamwork on projects in diverse professional environments.</p> <p>5. Demonstrate oral and written communication skills.</p>	<ul style="list-style-type: none"> <li>• PSO3 &amp; 4 are not measurable.</li> </ul>
<i>Bachelor of Social Work</i>	<p>1. Identify oneself as a professional social worker for generalist practice by demonstrating ethical and professional behaviour in practice settings.</p> <p>2. Apply social work Professional knowledge, and skills for generalist practice.</p> <p>3. Apply critical and creative thinking for analysis of social realities.</p> <p>4. Engage diversity &amp; difference and respond to different contexts of practice.</p>	<ul style="list-style-type: none"> <li>• These Program Specific Outcomes are comprehensive and of higher order.</li> </ul>

	5. Apply engagement, assessment, intervention, and evaluation skills in the practice of social work with individuals, families, groups, organizations, and communities	
<i>Bachelor of Economics</i>	<p>1. Technical expertise to measure economic variables and formulate contemporary economic models as solutions.</p> <p>2. Ability to realize and reflect upon the socio-economic policy measures and analyse it critically.</p> <p>3. Ability to apply theories in practice through quantitative analysis and empirical approach. 4. Expertise for taking up interdisciplinary and integrated economic research.</p> <p>5. Academic expertise and communication skills for pursuing higher studies and professional competencies at the global level.</p>	<ul style="list-style-type: none"> <li>• PSO1 use an action verb.</li> <li>• PSO2 ‘realise &amp; reflect’ – not measurable. Use an appropriate action verb from Bloom’s Taxonomy.</li> <li>• Since, PSOs are directly stating student behaviour, the word ‘ability’ need not be in the outcome statement. All outcomes indicate students’ ability.</li> <li>• PSO 4&amp;5 need to be reworded.</li> </ul>
<i>Bachelor of Science in physics</i>	1. Provides thorough knowledge and insight into physics on an advanced level.	<ul style="list-style-type: none"> <li>• Rewrite all Program Specific Outcomes in terms of</li> </ul>

2. Collect deep knowledge in advanced mathematical methods which provide ability to understand and solve the problems in physics.
3. Develop sufficient knowledge in mathematical and theoretical physics develop the ability to interpret development in experimental physics and technology.
4. Develop experimental skills, observational skills, interpretation of data and presentation of inferences.
5. Practice in fundamental physics, applied physics and complementary topics develop the student's ability in instrumentation and computational techniques for pursuing higher studies and job in advanced areas of physics and technology.
6. Develop skills in research and methodology in different areas of experimental and theoretical physics.
7. Develop ability for critical comments on each experiment done in the original records including sources and estimates of errors and limitations in the experiments done.

students  
behaviour/performance.

- All PSOs are not measurable, and please refer Bloom's Revised Taxonomy.

	8. Practice in undertaking minor individual, physics-related projects and also develop communication skills for reporting the results in journals and oral presentation.	
<b><i>Bachelor of Communicative English</i></b>	<ol style="list-style-type: none"> <li>1. Graduates of this program demonstrate global competencies in verbal and written communication in English.</li> <li>2. They analyse and appraise the literary merits of the works of leading authors of every literary period.</li> <li>3. They apply the communication skills they have learned to professions like Journalism and Public Relations and to Media situations.</li> <li>4. They practice computer and media skills to enhance their verbal, written and digital communications.</li> <li>5. They perform community service and service-learning in which learning stimulates and supports service and service enhances and expands the boundaries of learning.</li> </ol>	<ul style="list-style-type: none"> <li>• All Program Specific Outcomes are to be reworded appropriately. “By the end of the program, students will be able to....”</li> <li>• How do you measure “global competence”?</li> <li>• Needs to be more specific and measurable.</li> </ul>
<b><i>Master of Computer Application</i></b>	<ol style="list-style-type: none"> <li>1. Ability to incorporate standard practices and technological advancements in software development life cycle.</li> <li>2. Expertise in providing optimized algorithmic solutions.</li> </ol>	<ul style="list-style-type: none"> <li>• Highlighted words could be avoided.</li> </ul>

	<p>3. Expertise in recent technologies like SMAC (Social, Mobile, Analytics, Cloud), Machine Learning and IoT.</p> <p>4. Demonstrate skills in ideation, innovation and commercialisation of IT products and services.</p>	<ul style="list-style-type: none"> <li>● Instead of the word expertise, ‘use’ would be better.</li> </ul>
<p><b><i>Master Management and Hospitality</i></b></p>	<p>1. Apply knowledge and skills required for managing different functions in the hospitality and tourism sector.</p> <p>2. Value the Indian socio-cultural ethos and develop competencies for multinational job assignments in hospitality and tourism.</p> <p>3. Demonstrate communication and interpersonal skills required for excellence in the hospitality and tourism industry and society at large.</p> <p>4. Analyse problems and make ethical decisions as upcoming leaders in hospitality and tourism industry.</p> <p>5. Develop awareness of their strengths and engage their autonomy to enhance their professional skillset and innovation in hospitality and tourism.</p>	<ul style="list-style-type: none"> <li>● Are you referring PSO1 apply managerial knowledge and skill?</li> <li>● PSO2 is expectation and not outcome.</li> <li>● How do you measure PSO5?</li> <li>● Awareness is an internal matter and difficult to measure.</li> </ul>



<b><i>Master of Social Work</i></b>	<ol style="list-style-type: none"> <li>1. Explain concepts in professional Social Work and demonstrate ethical and professional behaviour in practice.</li> <li>2. Engage diversity and difference and respond to different contexts of practice.</li> <li>3. Demonstrate skills in research-based practice and practice-based research.</li> <li>4. Apply the knowledge and skills in the helping process in working with individuals, families, groups, communities and organisations.</li> <li>5. Apply critical thinking to analyse, formulate and advocate for policies that advance human rights, social, economic and environmental justice.</li> </ol>	<ul style="list-style-type: none"> <li>● PSOs are generally good, comprehensive and of higher order.</li> </ul>
<b><i>Master of Communication and Media Studies</i></b>	<ol style="list-style-type: none"> <li>1. Graduates will be able to gather and disseminate news through various media like print, radio, television and internet.</li> <li>2. Graduates will develop multitasking abilities to create, edit and design multimedia content in a professional environment.</li> </ol>	<ul style="list-style-type: none"> <li>● PSOs are generally good and measurable.</li> <li>● Better to write PSOs in student's perspective for easy understanding.</li> </ul>

	<p>3. Graduates will be able to conceive an idea, and shoot and edit videos based on fictional and non-fictional content, including radio/television commercials.</p> <p>4. Graduates will be able to coordinate organisational communication and manage brand image through effective application of Public Relations and Corporate Communication.</p> <p>5. Graduates of the programme will identify and respond to the various legal and ethical issues that concern the field of Media and Journalism.</p>	
<p><i>Master of Commerce</i></p>	<p>1. Identify and analyse business problems and finding solutions by applying scientific methods.</p> <p>2. Able to explore business opportunities and translate them into sustainable, ethically responsible and globally competitive business ventures</p> <p>3. Able to integrate modern technology and professionalism to meet the expectations of modern corporate world.</p> <p>4. Able to use domain knowledge and ICT-enabled teaching technologies to pursue a career in teaching.</p>	<ul style="list-style-type: none"> <li>• PSO5 is little confusing. Are you offering course in pedagogy?</li> </ul>

<p><i>Master of Philosophy in Social Work (SW)</i></p>	<ol style="list-style-type: none"> <li>1. Design and implement quantitative or qualitative or mixed methods original research projects independently and ethically, using appropriate data collection and analytical methods in social work practice.</li> <li>2. Apply social work practice theories/frameworks/models and methods with individuals, families, small groups, community organization and social administration for assessment and interventions.</li> <li>3. Disseminate research findings effectively in the academic community and to stakeholders in society.</li> <li>4. Apply critical thinking to analyse, formulate and advocate for policies that advance human rights and social, economic and environmental justice.</li> <li>5. Evaluate research studies and apply findings to practice, and evaluate their own practice interventions and those of other relevant systems.</li> </ol>	<ul style="list-style-type: none"> <li>• All PSOs are good and of higher order.</li> </ul>
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(Dr. Cherian P. Kurian)