

Table 1.6: Programme Learning Outcomes

Programme Compulsory Courses	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13
PPS 2203 (Design and Implementation of Chemistry Curriculum)	/	/						/			/		/
MPS 1303 (Models of Chemistry Teaching and Learning)	/	/						/		/	/		
MPS 1343 (Computers in Chemistry Education)	/	/						/	/		/		
MPS 1053 (Testing and Evaluation in Science and Mathematics Education)	/	/						/			/	/	
Elective Courses Taught course: choose any three Mixed mode (course ad research) : choose only one course													
MPS 1313 (Problem Solving in Chemistry)	/	/						/			/		
MPS 1163 (Epistemological, Social and Ethical Issues in Science & Technology)	/	/						/			/		
PPS 2393 (Current Issues in Chemistry Education)	/	/						/			/		
MPS 1353 (Innovation and Creativity in Chemistry Education)	/	/						/			/		
MPS 1014 [Research Study I] MPS 1024 [Research Study II] (Research Study I is a pre requisite for Research Study II)	/	/	/	/									

FACULTY : FACULTY OF EDUCATION
PROGRAMME : MASTER OF EDUCATION (CHEMISTRY EDUCATION)
MODE OF STUDY : TAUGHT COURSE
MINIMUM PERIOD : 1 YEAR

Table 1.7: Learning Taxonomy Matrix

NO	COURSES (NAME AND CODE)	CREDIT	LEARNING TAXONOMY LEVEL																		
			COGNITIVE DOMAIN					PSYCHOMOTOR DOMAIN					AFFECTIVE DOMAIN								
			Knowledge	Understanding	Application	Analysis	Synthesis	Evaluation	Perception	Set	Guided Response	Mechanism	Complex overt	Adaptation	Origination	Receiving phenomena	Response to phenomena	Valuing	Organisation	Internalising values	
C1	C2	C3	C4	C5	C6	P1	P2	P3	P4	P5	P6	P7	A1	A2	A3	A4	A5				
CORE COURSES																					
	PPS 2203 (Design and Implementation of Chemistry Curriculum)	3	/	/	/	/	/	/	/	/	/						/	/	/	/	
	MPS 1303 (Models of Chemistry Teaching and Learning)	3	/	/	/	/	/	/	/	/	/						/	/	/	/	
	MPS 1343 (Computers in Chemistry Education)	3	/	/	/	/	/	/	/	/	/						/	/	/	/	
	MPS 1053 (Testing and Evaluation in Science and Mathematics Education)	3	/	/	/	/	/	/	/	/	/						/	/	/	/	
ELECTIVE COURSES																					
	MPS 1313 (Problem Solving in Chemistry)	3	/	/	/	/	/	/	/	/	/						/	/	/	/	
	MPS 1163 (Epistemological, Social and Ethical Issues in	3	/	/	/	/	/	/	/	/	/						/	/	/	/	

NO	COURSES (NAME AND CODE)	CREDIT	LEARNING TAXONOMY LEVEL																	
			COGNITIVE DOMAIN						PSYCHOMOTOR DOMAIN							AFFECTIVE DOMAIN				
			Knowledge	Understanding	Application	Analysis	Synthesis	Evaluation	Perception	Set	Guided Response	Mechanism	Complex overt	Adaptation	Origination	Receiving phenomena	Response to phenomena	Valuing	Organisation	Internalising values
C1	C2	C3	C4	C5	C6	P1	P2	P3	P4	P5	P6	P7	A1	A2	A3	A4	A5			
	Science & Technology)																			
	PPS 2393 (Current Issues in Chemistry Education)	3	/	/	/	/	/	/	/	/	/						/	/	/	/
	MPS 1353 (Innovation and Creativity in Chemistry Education)	3	/	/	/	/	/	/	/	/	/						/	/	/	/

Mapping of programme learning outcomes to the eight MQF learning outcomes domains

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8 MQF Learning Outcomes Domains		Programme Learning Outcomes									
		P01	P02	P03	P04	PO5	PO6	PO7	PO8	PO9	PO10
1	Knowledge & Discipline Areas	X	X	X	X						
2	Practical Skills		X								
3	Social Skills & Responsibility		X				X				
4	Values, Attitudes & Professionalism		X	X	X			X			
5	Communication, Leadership & Team Skills		X		X	X					X
6	Problem Solving & Scientific Skills	X	X	X	X						
7	Managerial & Entrepreneurial Skills									X	
8	Information Management & Lifelong Learning Skills	X	X	X	X				X		