

Program Skills

Model Code: MUP08 A

Faculty: Az Zulfi College of Education

Department: Chemistry

Program: Chemistry

	Learning Outcome: Equipping students with a sound and comprehensive knowledge of chemistry	
Key Performances (KPI'S)	KP1	Covering the major principles and theories in the field of chemistry.
	KP2	Developing communication skills within group.
	KP3	Conduct high quality research in the field of chemistry..

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	Learning Outcome: Covering the major principles and theories in the field of chemistry.	
Key Performances (KPI'S)	KP1	Covering the major principles and theories in the field of chemistry.
	KP2	Developing communication skills within group.
	KP3	Conduct high quality research in the field of chemistry.
	KP (...)	Covering the major scientific facts in the field of chemistry.

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	Learning Outcome: Covering the major principles and theories in the field of chemistry and the different teaching approaches.	
Key Performances (KPI'S)	KP1	Covering the major principles and theories in the field of chemistry.
	KP2	Developing communication skills within group.
	KP3	Applying the latest theories in Field Education.
	KP (...)	

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	Learning Outcome: Make students discover the scientific facts and theories in the field of chemistry.	
Key Performances (KPI'S)	KP1	Gaining the different strategies of problem solving.
	KP2	Giving Oral Presentation.
	KP3	Applying research findings in lesson delivering.
	KP (...)	

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	Learning Outcome: Ability to discuss scientific results and share them with others.	
Key Performances (KPI'S)	KP1	Ability to analyze lab results.
	KP2	Ability to solve problems.
	KP3	Analyzing graphs..
	KP (...)	

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	Learning Outcome: Practicing analytical and creative thinking in problem-solving and Suggesting solutions to the current problems.	
Key Performances (KPI'S)	KP1	Practicing analytical and creative thinking in problem-solving.
	KP2	Discovering the scientific facts and theories in the field of chemistry.
	KP3	Applying the latest scientific results in classroom environment.
	KP (...)	

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	Learning Outcome: Applying the acquired academic skills to professional and academic contexts.	
Key Performances (KPI'S)	KP1	Applying the acquired academic skills to professional and academic contexts.
	KP2	Applying scientific discoveries and theories in the teaching of chemistry.
	KP3	Making research to link the acquired skills and theories.
	KP (...)	

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	Learning Outcome: Ability to assume a leading role and to suggest solutions to current issues.	
Key Performances (KPI'S)	KP1	Ability to work in planning groups and share information with others.
	KP2	Making oral presentation.
	KP3	Conducting individual and group research.
	KP (...)	

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	Learning Outcome: Taking the initiative to identify urgent problems and solve them.	
Key Performances (KPI'S)	KP1	Teaching students how to participate in conferences and study days.
	KP2	Taking part in extra-curricular activities .
	KP3	.
	KP (...)	

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	Learning Outcome: Students should be responsible for their self-development and their academic performance.	
Key Performances (KPI'S)	KP1	Acquiring skills of self-development through planned activities.
	KP2	Mastering the skills of electronic learning.
	KP3	Developing academic and research skills of students.
	KP (...)	

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	Learning Outcome: Showing high commitment to work ethics in accordance with Islamic values.	
Key Performances (KPI'S)	KP1	Observing students' behavior on campus.
	KP2	Observing work ethics during field training in the field of chemistry.
	KP3	
	KP (...)	

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	Learning Outcome: Integrating and appropriating IT in the collection, analysis and transfer of data and ideas on a regular basis.	
Key Performances (KPI'S)	KP1	Using Chemistry software.
	KP2	Integrating and appropriating IT in the collection, analysis and transfer of data and ideas on a regular basis.
	KP3	
	KP (...)	

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	Learning Outcome: Applying statistical and other mathematical methods to problem-solving in relation to chemistry.	
Key Performances (KPI'S)	KP1	Applying statistical and other mathematical methods to problem-solving in relation to chemistry.
	KP2	Identifying the appropriate statistical and mathematic methods when solving problems in chemistry.
	KP3	Suggesting solutions to current problems and issues.
	KP (...)	