

KPI # __1__ Program KPI: Apply knowledge of mathematics, science, and engineering _____ _____	
Assessment Year: 2016/2017 Program Learning Outcome: _____ _____ _____	
NQF Learning Domain	
Target Benchmark	60%
KPI Actual Benchmark	78.5%
Internal Benchmark	60%
External Benchmark	NA
New Target Benchmark	
Analysis: (List strengths and recommendations) •	

KPI # 2 Program KPI: an ability to design and conduct experiments, as well as to analyze and interpret data	
Assessment Year: 2016/2017 Program Learning Outcome: _____ _____ _____	
NQF Learning Domain	
Target Benchmark	60%
KPI Actual Benchmark	77%
Internal Benchmark	60%
External Benchmark	NA
New Target Benchmark	
Analysis: (List strengths and recommendations) •	

KPI # 3		Program KPI: an ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability
Assessment Year: 2016/2017Program Learning Outcome: _____		

NQF Learning Domain		
Target Benchmark	60%	
KPI Actual Benchmark	76%	
Internal Benchmark	60%	
External Benchmark	NA	
New Target Benchmark	60%	
Analysis: (List strengths and recommendations)		
<ul style="list-style-type: none"> • 		

KPI # 4		Program KPI: an ability to function on multidisciplinary teams
Assessment Year: 2016/2017Program Learning Outcome: _____		

NQF Learning Domain		
Target Benchmark	60%	
KPI Actual Benchmark	83%	
Internal Benchmark	60%	
External Benchmark	NA	
New Target Benchmark		
Analysis: (List strengths and recommendations)		
<ul style="list-style-type: none"> • 		

KPI # 5		Program KPI: an ability to identify, formulate, and solve engineering problems
Assessment Year: 2016/2017Program Learning Outcome: _____ _____ _____		
NQF Learning Domain		
Target Benchmark	60%	
KPI Actual Benchmark	77.5%	
Internal Benchmark	60%	
External Benchmark	NA	
New Target Benchmark		
Analysis: (List strengths and recommendations) •		

KPI # 6		Program KPI: an understanding of professional and ethical responsibility
Assessment Year: 2016/2017Program Learning Outcome: _____ _____ _____		
NQF Learning Domain		
Target Benchmark	60%	
KPI Actual Benchmark	87%	
Internal Benchmark	60%	
External Benchmark	NA	
New Target Benchmark		
Analysis: (List strengths and recommendations) •		

KPI # 7		Program KPI: an ability to communicate effectively
Assessment Year: 2016/2017Program Learning Outcome: _____ _____ _____		
NQF Learning Domain		
Target Benchmark	60%	
KPI Actual Benchmark	89%	
Internal Benchmark	60%	
External Benchmark	NA	
New Target Benchmark		
Analysis: (List strengths and recommendations)		
<ul style="list-style-type: none"> • 		

KPI # 8		Program KPI: the broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context
Assessment Year: 2016/2017Program Learning Outcome: _____ _____ _____		
NQF Learning Domain		
Target Benchmark	60%	
KPI Actual Benchmark	78.5%	
Internal Benchmark	60%	
External Benchmark	NA	
New Target Benchmark		
Analysis: (List strengths and recommendations)		
<ul style="list-style-type: none"> • 		

KPI # 9		Program KPI: a recognition of the need for, and an ability to engage in life-long learning
Assessment Year: 2016/2017Program Learning Outcome: _____ _____ _____		
NQF Learning Domain		
Target Benchmark	60%	
KPI Actual Benchmark	82%	
Internal Benchmark	60%	
External Benchmark	NA	
New Target Benchmark		
Analysis: (List strengths and recommendations) <ul style="list-style-type: none"> • 		

KPI # 10		Program KPI: a knowledge of contemporary issues
Assessment Year: 2016/2017Program Learning Outcome: _____ _____ _____		
NQF Learning Domain		
Target Benchmark	60%	
KPI Actual Benchmark	85%	
Internal Benchmark	60%	
External Benchmark	NA	
New Target Benchmark		
Analysis: (List strengths and recommendations) <ul style="list-style-type: none"> • 		

KPI # 11 Program KPI: an ability to use the techniques, skills, and modern engineering tools necessary for engineering practice	
Assessment Year: 2016/2017 Program Learning Outcome: _____ _____ _____	
NQF Learning Domain	
Target Benchmark	60%
KPI Actual Benchmark	79%
Internal Benchmark	60%
External Benchmark	NA
New Target Benchmark	
Analysis: (List strengths and recommendations) <div> <ul style="list-style-type: none"> • </div>	