

Innovation Tools & Techniques			
Module No	Tool/ Technique	Purpose	Description
IN1	Breaking Assumptions	Testing assumptions to create new innovative solutions.	A way of looking at assumptions around a problem or process as a way to create new ideas and solutions.
IN2	SCAMPER	Using areas of questions to help create ideas when developing new services/ processes.	You use the tool by asking questions about existing products/ processes, using each of the seven prompts; Substitute, Combine, Adapt, Modify, Put to another use, Eliminate and Reverse. These questions help you come up with creative ideas for developing new products/processes, and for improving current ones.
IN3	6 Thinking Hats	Structured way of looking at an issue from a different perspective based on work by Edward de Bono.	'Six Thinking Hats' is an important and powerful technique. It is used to look at decisions from a number of important perspectives. This forces a move outside of habitual thinking styles, and helps get a more rounded view of a situation.
IN4	Random Word	A means of thinking 'outside of the box' using a random word to connect to a problem.	A way to allow thinking 'outside the box' - associate a random word with the problem's statement and make connections to get see how this word can help you see your problem in a different way.
IN5	Debono's Thinking Tools	A variety of innovative thinking tools based on the work of Edward de Bono.	Tools include, PMI (Plus Minus Interesting), CAF (Consider All Factors) and others that help with innovation and testing a solution.
IN6	TRIZ	Highly structured way of: being resourceful when solving problems, understanding process conflict, and using free/cheap resources.	TRIZ is a way of understanding a problem using a number of systematic techniques including: understanding process conflicts, use of cheap/free resources and thinking about the ideal solution. It emerges from engineers seeking to resolve complex challenges. Based on a Russian methodology.