

Programme Name: MMS

Name of the Course: Creativity & Innovation

Maximum marks: 100 No. of Sessions: 14

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Weblink:

Learning Objectives:

• To facilitate student learning and creativity by sharing experiences

- · Build creativity and innovation capabilities
- Identify and remove barriers to creativity & innovation
- Develop design-thinking skills by building creative competencies

Reference Books:

- Innovation Management Allan Afuah Oxford Publications
- Managing & Shaping Innovation Steve Conway & Fred Steward Oxford Publications
- Techniques of structured problem solving by Arthur B Van Gundy It includes a comprehensive range of techniques for use throughout the problem definition and analysis, idea generation, idea evaluation and selection and implementation phases.
- Hegarty on Creativity: There are no rules by John Hegarty For those who want to see how an advertising legend works with creativity. He explores 50 provocations and themes at the heart of creative thinking. It's nicely written, beautifully laid out and has cartoons and graphics to illustrate key points.
- Out of Our Minds: Learning to Be Creative by Ken Robinson
- Models and Methods of Assessing Creativity James C. Kaufman, Christina M. Russell, and Jonathan A. Plucker
- Lateral Thinking: A Textbook of Creativity by Edward de Bono
- Six thinking hats by Edward de Bono
- Best Practice Creativity by Peter Cook



- Thinkertoys: A Handbook of Creative-Thinking Techniques by Michael Michalko
- Creative Thinking for Dummies by David Cox This provides an interesting and fun introduction to the subject. Whilst I would have liked a little more attention on the problem definition stage, it provides a comprehensive review of the main creative thinking techniques.
- The back of the napkin by Dan Roam it is an excellent way to learn how to develop your drawing skills for problem definition and problem solving.
- Untruth: Why the Conventional Wisdom is (Almost Always) Wrong Paperback by Robert J. Samuelson
- Creativity: Process, Product, Personality, Environment & Technology by Fredricka Reisman(Guest Editor)
- Drawing on the right side of the brain by Betty Edwards.
- Creativity and the Management of Change Author Tudor Rickards.....ISBN 0 631 21068 7..... Publisher Blackwell
- Innovation and Creativity by Jonne Ceserani (Author), Peter Greatwood (Author)
- Innovation and Entrepreneurship: Practice and Principles (Paperback) Peter F Drucker
- Doing Innovation Creating Economic Value book Series Perspective of Innovation, Developing workable Innovation Process, Fostering Innovation Culture, What it takes to be an Innovator
- Corporate Creativity: How Innovation and Improvement Actually Happen by Alan Robinson
- The Innovator's DNA: Mastering the Five Skills of Disruptive Innovators By Dyer, Gregersen, and Christensen

Plan:

Session	Topics to be covered	Books referred/ Recommended/ References-	Learning	Evaluation of Students
No		Print/Articles/ News/Research papers/ Online	outcomes	understanding by
		database/ Software /Simulations used		MCQs, Quiz, Short Test
1	Introduction to Creativity and Innovation	Out of Our Minds: Learning to Be Creative By Ken Robinson Innovation and Creativity by Jonne Ceserani, Peter Greatwood	To realize our true creative potential we need to think differently about ourselves and to act differently towards each other. We must learn to be creative.	MCQs / Q&A / Quiz
2	Nature of Creativity: Person, Process, Product and Environment	Creativity: Process, Product, Personality, Environment & Technology by Fredricka Reisman(Guest Editor)	Understand the ability of making something new,	MCQs / Q&A / Quiz

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Academic Year (2017-2018)

original that can he utilized 3 MCQs / Q&A / Quiz Need for Creativity and Innovation in Innovation and Entrepreneurship: Practice and Principles Recognizing path (Paperback) – Peter F Drucker of success Organizations 4 Role of Creativity and Innovation in the Innovation and Entrepreneurship: Practice and Principles Economic Survival MCOs / Q&A / Quiz (Paperback) – Peter F Drucker and Achievement Organisation 5 Techniques of structured problem solving by Arthur B Van Understand MCOs / Q&A / Quiz Idea evaluation: What to do with Creativity Gundy generated ideas? Team Creativity **Techniques** 6 Models and Methods of Assessing Creativity - James C. Method to MCQs / Q&A / Quiz Measuring Creativity Kaufman, Christina M. Russell, and Jonathan A. measure and Plucker improve Creativity MCOs / O&A / Ouiz 7 Conventional and Lateral Thinking Untruth: Why the Conventional Wisdom is (Almost Out of Box Always) Wrong Paperback by Robert J. thinking - its uses Samuelson (Author) and benfits Lateral Thinking: A Textbook of Creativity by Edward de Bono 8 Six Thinking Hats Six thinking hats by Edward de Bono Parallel Thinking MCQs / Q&A / Quiz cut through confusion and process information clearly MCQs / Q&A / Quiz 9 **Creativity Techniques** Learn methods Thinkertoys: A Handbook of Creative-Thinking Techniques that encourage by Michael Michalko creative actions Techniques of structured problem solving by Arthur B Van 10 Use of Divergent MCQs / Q&A / Quiz Idea Evaluation and Innovation and Convergent Gundv thinking

The Innovator's DNA: Mastering the Five Skills of

Understand how

MCQs / Q&A / Quiz

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		Academic Teal (2017-2018)		
		Disruptive Innovators - By Dyer, Gregersen, and Christensen	individuals can develop the skills necessary to move progressively from idea to impact	
12	Creative and Innovative Culture In Organisations	Creativity and the Management of Change Author - Tudor RickardsISBN - 0 631 21068 7 Publisher – Blackwell	How to generate ideas, collaborate to implement them, and build innovation skills throughout the organization to result in a competitive edge	MCQs / Q&A / Quiz
13	Building capability and path to growth in Organisations	Doing Innovation – Creating Economic Value - book Series –Fostering Innovation Culture, Corporate Creativity: How Innovation and Improvement Actually Happen by Alan Robinson	Building the code for innovation right into the organization's people, processes, and guiding philosophies.	MCQs / Q&A / Quiz
14	Cases / Presentation			

2. Practical Approach : Other activities (Atleast 4 distinct activities)

Sr. No.	Activity Name	Topic Covered	Learning outcomes	Source
1	Role Play	Out of box Thinking Critical Thinking	Problem solving	Scenarios on College functions
2	Industry Visit			

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3	Academic Projects			
4	Book Review			
5	Group Discussion	Lateral Thinking	Diff between Improved and new thoughts	Current Situation in Education
6	Business Quiz / Business News sharing			
7	Videos / Simulation			
8	Use of Softwares and Labs			
9	Any other activity			



Evaluation:

I) Internal:

Component	Details	Marks
Class Test	Best of two	20
Presentation	Overall Conduct	5
Case Study	Case present - Group	10
Participation	Active, Answers in class, debate on a topic	5
Others		

Signature of Faculty

Signature of the Co-ordinator

Signature of the HOD