MU-GE Module: At the end of studying MU-GE Module, successful students will be able to

Competences	LOs:	Sub LOs:	MUCC Code
1. **Critical thinking & Analysis**: Use various sources and methods to collect and manage data & informations and make a logical judgement and decision to arrive at solution or problem solving relevant to real-world issues/problems	1. create & construct an argument effectively as well as identify, critique and evaluate the logic & validity of arguments	1. identify concepts related to the context of learned issues/topics 2. demonstrate ICT literacy: use appropriate technology to find, evaluate, and ethically use information 3. collect, analyse, synthesize data, & evaluate information and ideas from multiple sources relevant to issues/problems 4. synthesize information to arrive at logical reasoning	Cog1 Cog3 Cog2.1 Cog2.2
	2. select & use techniques and methods to solve open-ended, ill-defined and multistep problems	1. apply simple mathematical methods to the solution of 'real-world' problems 2. make judgement & decision through correct analysis, inferences, and evaluations on quantitative basis and multiple perspectives 3. apply concept of process management to solve problems	Cog1 Cog1-3 Cog4
2. **Creativity & Innovation**: Shows capability to initiate alternative/ new ways of thinking, doing things or solving problems to improve his/her or team solutions/results by applying the evidence-based process management concepts	3. acquire specific strategies & skills within a particular discipline and adapt them to a new problem or situation	1. connect, synthesize and/or transform ideas or solutions within a particular framework 2. integrate alternative, divergent, or contradictory perspectives or ideas in the solution of a problem or question	Cog5.1
	4. create a novel or unique ideas, question, format, or product within a particular framework	1. Create an original explanation or solution to the issues/problems 2. articulate the rationale for & consequences of his/her solution- identify opportunities & risk 3. implement innovation through process management approach	Cog5.1 Ina3.1 Cog5.2
	5. explore and situate oneself in a new physical environment and intellectual perspectives	1. demonstrate cultural competencies and adaptabilities in different working environments 2. resort to multi-dimensioanl settings and tools to acquire knowledge and skills relevant to the problema or situation at hand	Ina3.1 Ina2
3. **Global perspectives & Ethics**: Express one's own ideas, interact with others, guide or lead team, as proper, as an ethically-engaged and responsible member of the society	6. act autonomously within context of relationships to others, law, rules, codes, and values	1. demonstrate an understanding of the principles upon which sustainable ecosystems and societies are built 2. identify the national & global challenges associated with current economic, political, and social systems 3. exhibit characteristics of responsible citizenship 4. work effectively in diverse team (and multi-cultural settings)	Ine4 Ina3.2 Ine3.2 Ine1.3,5.2
	7. apply ethical frameworks or principles and consider their implications in his/her decision-making and interacting with others	1. identify ethical issues and recognize different viewpoint and ideologies 2. guide & lead others 3. apply principle of ethical leadership, collaborative engagement, and respect diversity	Ine2
4. **Communication:** communicate effectively and confidently using oral, visual, and written language	8. use a variety of means/ technologies to communicate effectively and purposefully- e.g., share information/ knowledge, express ideas, demonstrate or create individual & group product, etc.	1. communicate/present ideas effectively both oral & written forms, proper to a range of audience groups, such as verbal discussion with peers, project report. 2. prepare a purposeful oral presentation designed to increase knowledge, to foster understanding, or to promote change in the listeners' attitudes, values, beliefs, or behaviors. 3. prepare written documents to express ideas/solutions using different writing technologies, and mixing texts, data, and images. 4. demonstrate competence in a second or additional language	Ine1.1(1) Cog1-5 Ine1.1,2.1 Ina1.1,1.2 Ine1.1(2)
5. **Collaboration and Working with team:** collaborate and work effectively with team to arrive at team goals	9. collaborate and work effectively as part of a student group/team member to arrive at the team shared-goals in time	1. collaborate effectively with others as a responsible team member to achieve team goals in time 2. interact with others respectfully, whether as a team member or leader, to create a productive teamwork	Ine1.2,3.1 Ine4, 5.1; Ina3