UNIVERSITY of BRADFORD

Module Descriptor

Module Details	
Module Title	Responsible Innovation
Module Code	EAE7018-A
Academic Year	2024/5
Credits	10
School	School of Management
FHEQ Level	FHEQ Level 7

Contact Hours	
Type	Hours
Directed Study	50
Groupwork	25
Lectures	16
Seminars	9

Availability	
Occurrence	Location / Period
BDA	University of Bradford / Non Standard Year
DIA	University of Bradford / Non Standard Year

Module Aims

Participants will explore the ethical dimensions of innovation, its impact on the environment and communities, and learn to navigate ambiguity and uncertainty in a rapidly evolving global landscape. Through hands-on exercises, they will cultivate their ability to design innovative solutions with positive social impact, while considering diverse stakeholder viewpoints. The module aims to empower leaders who recognize that responsible innovation isn't just a buzzword-it's a strategic imperative for sustainable success.

Outline Syllabus

* Fundamentals of Responsible Innovation:Defining and differentiating responsible innovation from traditional approaches.The need for responsible innovation, to include a human centric context Key frameworks and methodologies (e.g., Triple Bottom Line, Doughnut Economics, SDGs, Circular Economy, CSR) Understanding the impact of innovation on social,environmental,and economic systems.

* Designing and Implementing Responsible Innovation Business Models: Applying frameworks and tools to assess the social,environmental,and ethical risks of innovations. Integrating responsible practices into the innovation lifecycle (e.g.,idea generation,prototyping,scaling). Developing strategies to mitigate risks and maximize positive impact.

* Sustainable value creation and circular economy principles: Mapping social and environmental challenges. Identifying unmet needs and market gaps. Design thinking for social impact, Human-centred design principles for responsible innovation, Building inclusive and diverse innovation teams

* Measuring and Communicating Impact:Identifying key metrics to measure the impact of responsible innovation initiatives.Communicating responsible innovation efforts effectively to stakeholders. Advocating for responsible innovation practices within organizations and wider society.Building a culture of sustainability and social responsibility within organizations

Learning Outcomes

Outcome Number	Description
01	Demonstrate a critical understanding of the core principles and frameworks of Responsible Innovation.
02	Analyze the social, environmental, and ethical implications of 'technological' advancements.
03	Develop innovative solutions and business models that address organizational, societal, environmental and economic goals.
04	Identify and evaluate potential learning opportunities associated with the topic and team processes.
05	Communicate and collaborate effectively with diverse stakeholders about the value and impact of responsible innovation and their ideas.

Learning, Teaching and Assessment Strategy

Teaching will be delivered via a range of approaches including:
1. Interactive online lectures
2. Case Studies and business simulations
3. Guest Speaker sessions with innovators and innovation enablers
4. Group Discussions & Presentations
5. Problem Solving Sets
6. Self- reflection Exercises

This approach enables self-reflective practice, experiential and team-based learning which is supported through curated readings and cases.

Assessment will involve forming 'Innovation Teams' and identifying responsible innovative solutions, constructing business models and evaluating their potential as innovation opportunities. Alongside reflecting on individual learning during this process.

Mode of Assessment			
Type	Method	Description	Weighting
Summative	Coursework - Written	Group written assignment (2000 words)	70%
Summative	Coursework - Written	Individual reflective essay (1000 words)	30%

Reading List
To access the reading list for this module, please visit https://bradford.rl.talis.com/index.html

Please note:
This module descriptor has been published in advance of the academic year to which it applies. Every effort has been made to ensure that the information is accurate at the time of publication, but minor changes may occur given the interval between publishing and commencement of teaching. Upon commencement of the module, students will receive a handbook with further detail about the module and any changes will be discussed and/or communicated at this point.

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