

# National University of Computer and Emerging Sciences

FALL SEMESTER - 2022

Research Methodology

Course Code: CS-5001/SS-5005

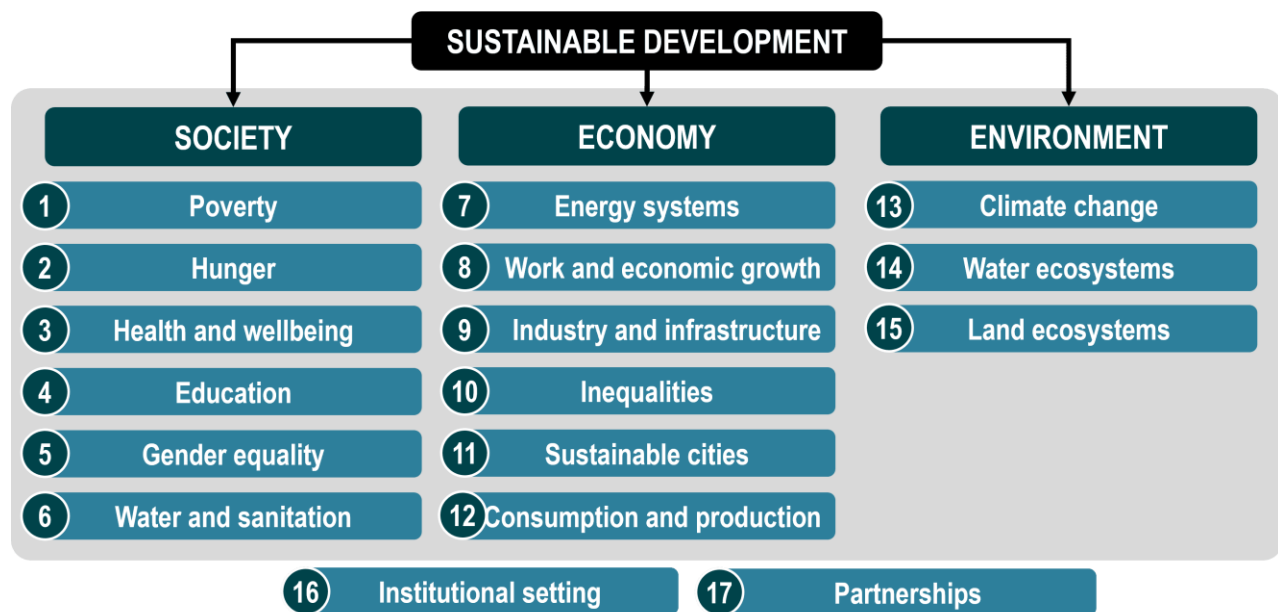
Time Allowed: 1.5 hours

Instructor: Dr Shahzad Sarfraz

Maximum Marks: 50

The first step of any literature review is to hunt down and read through the existing research that's relevant to your research topic. To do this, you'll use a combination of tools to find journal articles, books, eBooks, research reports, dissertations, theses and any other credible sources of information that relate to your topic.

**Q. 1.** Extract the results using **PRISMA methods**. Your research target should be Applied and meeting any criteria of Sustainable Development Goals (SDGs), Machine Learning and Location Based Systems.



For example, targeted publication must have word fall under the SDGs and the abstract/keywords must have word Machine Learning/Artificial Intelligence and GIS/Location-based Systems etc.

- Write down the eligibility criteria (such as years considered or any other rationale for the study). (5 marks)
- Mention the information sources and search criteria (including any limits used). (5 marks)
- Draw the PRISMA flow diagram of your search results with complete details and screening process. (20 marks)
- Considering your results mention the main questions and problems that have been addressed to date and what are the major issues and debates about the topic? (10 marks)
- Draft 2-3 objectives for your thesis considering articles screened. (10 marks)

**Submit your complete working/screenshots through PDF along necessary supporting files.**