

Department of Artificial Intelligence & Data Science
School of Computing, FAST-NUCES

Course Title: Research Methodology (AI)

Class: MS-AI

Instructor: Dr. Zohair Ahmed

Course Code:

Total Marks: 10

Due Date: 08-Sep-2025 - 08:00AM

Assignment No 01

Exploring the Literature in Your Research Field

To develop the ability to **search, read, and summarize** research papers in a handwritten format, ensuring genuine understanding.

Instructions:

1. **Choose your research area** (related to your MS specialization, e.g., AI, NLP, Cybersecurity, Healthcare, etc.).
2. **Search and select 5 papers** using academic sources such as:
 - Google Scholar
 - IEEE Xplore / ACM Digital Library
 - Scopus / Web of Science
 - Semantic Scholar / Research Rabbit
3. **Paper selection rules:**
 - At least **3 journal papers** (preferably indexed in Scopus/WoS).
 - Up to **2 conference papers**.
 - Only from **2020–2025**.
4. **Write handwritten pages including:**
 - Title, author(s), venue, year.
 - Aim/objective of the paper.
 - Methodology/approach.
 - Key findings/results.
 - Strengths & limitations.
 - Why this paper is important in your field.

Deliverables:

- Submit **one handwritten report**.
- Bring this handwritten report in next class
- Upload Downloaded Paper on Google Class Room
- Upload Scanned PDF on Google Class Room