**Day-3 Practical**

📘Practical: Research Paper Writing & Journal Discovery using AI Tools

**Step 1: Create a Research Workflow Map**

* Tool: [**Miro**](https://miro.com/) / [**Draw.io**](https://www.drawio.com/)
* Pick a research topic (e.g., *AI in Agriculture*).
* Map steps:
  1. Idea generation
  2. Literature search
  3. Abstract drafting
  4. Review and refinement
  5. Journal discovery
* Highlight where AI tools help (Scispace, Paperpal, Scholar GPT, etc.).
* Share your map screenshot as part of submission.

**Step 2: Generate Abstract, Title & Keywords with GPT**

* Choose a **sample topic or research paper (PDF)**.
* Open **ChatGPT /** [**Scispace**](https://scispace.com/) and enter prompts:
  + “Write a 200-word abstract for a paper on *[your topic]*.”
  + “Suggest 3 alternative titles for this paper.”
  + “Suggest 5–6 keywords for this paper.”
* Refine results with [**Quillbot**](https://quillbot.com/ai-humanizer) **/** [**Paperpal**](https://www.googleadservices.com/pagead/aclk?sa=L&ai=DChsSEwii1bjajK2PAxVTo2YCHSYPOcYYACICCAEQABoCc20&co=1&ase=2&gclid=Cj0KCQjw_L_FBhDmARIsAItqgt7sIgUSmnJ-x2K33cbTvafuGenMGOckFKfBl0iexGgNTQp5WraGhjgaAhZuEALw_wcB&ohost=www.google.com&cid=CAESV-D2imk1C9-rccq0jw-WI3-5Wt9e12eQTcUwCuGXPWFG4CGMnpEJTMIR-PKDX_GdZIP2PBG0tHY4hFIHn76uuuV8QopdDHhj1BqT35lPDuq5OVAmJLzoZQ&category=acrcp_v1_40&sig=AOD64_2F5rAnrxd2RujXUfDOPXezJgmJpg&q&nis=4&adurl&ved=2ahUKEwjxz7PajK2PAxVp1DgGHYJIK_IQ0Qx6BAgKEAE).
* Check originality & AI score using [**ZeroGPT**](https://www.zerogpt.com/).
* Finalize your abstract, best title, and keywords.

**Step 3: Journal Discovery Activity**

* Tools: [**Elsevier Journal Finder**](https://journalfinder.elsevier.com/), [**Springer Journal Suggester**](https://link.springer.com/journals), [**Google Scholar**](https://scholar.google.com/)
* Input your **abstract/title** into each tool.
* Collect **3 suitable journals** for your research.
* Verify journal scope, indexing, and avoid predatory journals.
* Justify why you selected those journals (scope, audience, indexing).

**Step 4: Literature Review Generation**

* Tool: **ChatGPT / Scispace + Google Scholar**
* Steps:
  1. Search related papers on your topic.
  2. Ask GPT/Scispace: “Summarize research on *[topic]* highlighting gaps & trends.”
  3. Collect key citations from **Google Scholar /** [**DBLP**](https://dblp.org/) (verify manually).
  4. Refine text with **Paperpal / Quillbot** for academic tone.
  5. Run plagiarism/originality check using **Turnitin GPT / ZeroGPT**.
* Output: A **1–2-page structured mini literature review**.

**Step 5: Mini Research Project & Peer Feedback**

* Combine outputs:
  + Abstract (200 words)
  + Keywords (5–6)
  + Journal Suggestions (3 verified journals)
  + Mini Literature Review (1–2 pages)
* Exchange with a peer for **feedback** (Clarity, Relevance, Originality).
* Improve your draft based on feedback.

**Step 6: Final Submission**

* Prepare a **2–3-page Word/PDF document** containing:
  1. Research Workflow Map (screenshot)
  2. Abstract + Title + Keywords
  3. Journal Suggestions (with justification)
  4. Mini Literature Review
  5. Screenshot of AI Content Check (ZeroGPT/Turnitin)
* Submit as your **final practical report**.