**Guidelines for Course Plan Submission**

Please ensure the following guidelines are followed when preparing and uploading your Course Plans for the current semester:

**Instructions to Follow Before Uploading:**

1. The file must be in **PDF format**.
2. The filename **must begin** with: YourName\_CLUSTER\_Course\_SemX\_CourseCode\_CourseName\_CoursePlan
3. (e.g., JohnDoe\_CS\_BTech\_SemVIII\_CSE401\_ArtificialIntelligence\_CoursePlan.pdf).
4. **Course Outcomes (COs)** must be written using **action verbs aligned with Bloom’s Taxonomy** (see summary and guide below).
5. **Program Outcomes (POs) and Program-Specific Outcomes (PSOs)** must be copied exactly from the official "NAKUL Syllabus Repo\Syllabus Booklets 2023".
6. A **CO-PO mapping table** must be included. Ensure some of the outcomes are mapped as **High (3)**. For **specialization courses (4th year)**, ensure PSOs are mapped.
7. In the Lecture Delivery Plan, update all **Actual Delivery dates up to 25th August 2025** based on your completed classes.
8. Add your Name and Email on the cover page (add row in the table).

### Guidance on Key Points:

* **Bloom’s Taxonomy for COs:** Please use actionable verbs that describe measurable outcomes (e.g., “Design a system…”, “Evaluate different algorithms…”, “Compare methods…”). Avoid vague verbs like “understand” or “know.”
  + **Quick Guide:** <https://cft.vanderbilt.edu/guides-sub-pages/blooms-taxonomy/>
* **PO vs. PSO:**
  + **POs (Program Outcomes):** Common to all programs in a branch (e.g., common for all B.Tech CSE students). Must be mapped for all courses.
  + **PSOs (Program Specific Outcomes):** Specific to a specialization (e.g., AI, Full Stack, Data Science). Must be mapped **primarily for 4th-year specialization courses**.

### *Optional Read Summary of Bloom’s Taxonomy for Writing COs*

*Bloom’s Taxonomy is a framework for classifying learning objectives by complexity and specificity. Use* ***action verbs*** *from the higher levels (Analyze, Evaluate, Create) to demonstrate deeper learning.*

| *Level & Cognitive Skill* | *Definition* | *Example Action Verbs for COs* |
| --- | --- | --- |
| ***6. Create*** *(Highest)* | *Produce new or original work* | *design, assemble, construct, formulate, write, propose* |
| ***5. Evaluate*** | *Justify a stand or decision* | *appraise, argue, defend, judge, select, support, critique* |
| ***4. Analyze*** | *Draw connections among ideas* | *differentiate, organize, relate, compare, contrast, distinguish* |
| ***3. Apply*** | *Use information in new situations* | *execute, implement, solve, use, demonstrate, interpret* |
| ***2. Understand*** | *Explain ideas or concepts* | *classify, describe, discuss, explain, identify, locate* |
| ***1. Remember*** *(Lowest)* | *Recall facts and basic concepts* | *define, duplicate, list, memorize, repeat, state* |

***Key Principle:*** *Your Course Outcomes (COs) should aim for verbs in the* ***Apply, Analyze, Evaluate, and Create*** *levels to push students beyond simple memorization.*