

# IPE 1051 : Creativity, Problem Solving & Innovation

## Term End Assignment : Part – I (First Semester Batch 1)

*Last Date for Submission: 17 -01-2022*

*Max. Marks: 15*

**Title: Strategies of CPI in Practice**

**Objective:**

- To connect the theory to practice and to learn the relevance
- To consolidate the learning and to broaden the purview of the concepts studied in the class.
- To promote skills for self-study and reference to literature.
- To develop the documentation, teamwork and interpersonal skills

**Problem Statement:**

- A. Look around in independent India, search in the Indian History (pre-colonial period) and Heritage for a success story driven by an idea that matches any one or more of the seven strategies we have studied in this semester in the course "Creativity, Problem Solving & Innovation".

(Please note that the idea or topic you choose should be solving an age-old problem or a creative idea / an innovation with a significant impact on the community, society, or the nation in terms of product, process, technology, or service).

**OR**

- B. Identify a problem (concerned to the Society, Education, Environment, Engineering & Technology, Business, Sports, Entertainment, etc.,) in India. Apply one or more of the strategies we have discussed and suggest a creative solution. You are also free to search literature on CPI for additional strategies and techniques and make use of them to solve the chosen problem if necessary.

**Task / Process:**

- This is a group task and the scope is limited to a task requiring about **10 Hours of quality work per student**. Choose your problem / topic accordingly.
- Form your own groups with a minimum of 3 and a maximum of 6 members per group. You are free to choose your team members.
- Communicate the details of the team and team leader with contact details to your respective faculty team.
- Study your selected topic or problem as described in A and B above (**any ONE of the two**), prepare a detailed report and submit it with supporting reference (limited to 3-5 pages) along with presentation slides using PPT.
- Your write-up/presentation should cover the following:
  - a) An appropriate Title for the topic/problem
  - b) The CPI strategy employed / matching
  - c) The background and the need
  - d) Description of the concept and solution
  - e) Outcome / impact
  - f) Conclusion / your inference
  - g) Reference
  - h) Details of Team members with their register numbers
- This assignment will be **submission** only through **soft copy**.
- Upload the assignment solution using the MS form sent to you for the purpose.

**Specification for the documentation:**

1. Paper Size: A4
2. Standard Margin of 1" all-round
3. Report should have minimum of 3 and a maximum of 5 pages
4. Use Times New Roman 12 pts. Black colour with 1.5 line spacing for body text
5. Use 14 pts. bold capitals for the title / heading, Section Headings (12 pts. and bold), Special Text (Italics).
6. Use 1.5 spacing between the lines. Use double spacing between paragraphs, and use justified formatting.
7. Figures, charts and tables need to be appropriately labelled and numbered
8. Use Page numbering in the bottom right
9. While preparing Slides limit it to a maximum of 10 slides including title slide
10. Tools: MS Word and Power Point

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