IIT ROORKEE

NPTEL ONLINE CERTIFICATION COURSE

LECTURE-16

CREATIVE PROBLEM SOLVING

Dr. Smita Jha

DEPARTMENT OF HUMANITIES AND SOCIAL SCIENCES



- Creativity helps in placing ideas to good action.
- Creative thinking develops innovative ideas.
- It helps in overcoming traditional way of looking at problems.
- Facts and observations are key in creative writing.

- Brainstorming helps in solving problem creatively.
- Both convergent and divergent thinking are strategies to come up with new ideas.
- Synectics, as a CPL technique is often inspiring in problem solving methodology.

- One should adopt lateral thinking while approaching CPS.
- Challenge, alternatives and provocation are examples of lateral thinking.
- Follow serious plans to tackle the problem.
- Embrace CPS as a technique to see other unconventional aspects.