

Proposal for New course

title: **Artificial Intelligence Lab**

Code: CS4xxx

category: **PMP**

credits: **0-0-3-2**

prereq: []

consent: **Not required**

Learning Objectives

To learn about major disciplines in artificial intelligence, their fundamental differences and applicability using hands-on.

Learning Outcome

Students will be able to implement and apply major algorithms, methods in the field of artificial intelligence.

Syllabus

Implementation and application of machine learning, heuristic approaches, optimization techniques using Python and similar languages. To gain familiarity with widely used publicly available tools such as panda, tensorflow, scikit, nltk.

Problem solving using test case or projects starting with real life problems. Familiarity with AI languages and systems, special purpose architectures.

Proposing Faculty : Dr. Mrinal Kanti Das

Department / Centre : Computer Science

Proposal Type : New Course

Programme : B.Tech