

FACULTYOFINFORMATION& COMMUNICATIONTECHNOLOGY

SEMESTER 1 SESSION 2020/2021

BITI3533 ARTIFICIAL INTELIGENCE PROJECT MANAGEMENT

FIRE DETECTION USING COMPUTER VISION

CALCULATE NET PRESENT VALUE (NPV)

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**Overview**

**Net present value** (NPV) analysis is a method of calculating the expected net monetary gain or loss from a project by discounting all expected future cash inflows and outflows to the present point in time. Projects with a positive NPV should be considered if financial value is a key criterion because that means the return from a project exceeds the cost of capital (the return available by investing the capital elsewhere). The higher the NPV, the better.

Based on the lecture 4 notes on calculating NPV, find a case study and show in Excel how to calculate a NPV from a project management perspective.

