



# Abu Dhabi Polytechnic

## Students' Graduation Project Abstract

<b>Department:</b>	EMET	<b>Semester:</b>	Spring-2022
<b>Project Title:</b>	Automated Control Spray Nozzle		
<b>Supervisor:</b>	Dr. Hatsari Mitsudharmadi		

### Abstract:

In the current graduation project, a smart nozzle design is proposed. To control the operation of the nozzle, the solenoid valve will be used. It will be automatically controlled. The nozzle will be equipped with a swirl which will create the swirl motion of the water as it leaves the nozzle. This in turn will makes the dirt removal process becomes more efficient.