

# Internship Weekly Report

## WEEK-4

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<b>Company:</b>	CopperCloud IOtech
<b>Project Guide:</b>	Prof. SA Khandekar
<b>Industry Mentor:</b>	Yogesh Yewale
<b>Domain:</b>	Internet of Things (IoT)
<b>Problem Statement:</b>	Power IoT device off-grid, outdoors.
<b>Internal Mentor Comment:</b>	Nice.
<b>Work Done:</b>	<ul style="list-style-type: none"><li>• Solar Panel Design</li><li>• Power Calculations</li><li>• Component Selection</li><li>• LiPo Battery charging Design</li><li>• NodeMCU (ESP8266) Code</li><li>• Final Design of off-grid system</li></ul>