

MYSORE CENTER

SOLAR FOLLOWER FOR MONSOON

PROBLEM STATEMENT

Monsoon clouds, while a welcome sight for parched lands, often cast a shadow over one essential source of sustainable energy: solar panels. Their sun-dependent efficiency plummets, leaving households dependent on conventional, often fossil fuel-based, electricity. This seasonal dip in solar power presents a dilemma for individuals and communities: relying on polluting alternatives or enduring power shortages. We need a solution that bridges the gap between monsoon skies and reliable solar energy, empowering consumers and promoting a sustainable future.

TEAM MEMBERS



S Sudeep Kuma
Sanjay S Hanchinal
Reefa Tahaniyat

Rohan S Paraddi
Varshini H R
Sadashiv Pattanshetti

SOLUTION

The team's innovative panels are equipped with sun-tracking mechanisms that actively tilt and rotate throughout the day, mirroring the sun's movement. This continuous alignment maximizes exposure to available sunlight, even when it's diffused or partially obscured by clouds.

