

VSB ENGINEERING COLLEGE

Department of Electronics and Communication

Engineering

IBM NALAIYA THIRAN

TITLE : IOT Based Smart Protection System for
Agriculture

Domain name : Internet of things

Team Leader : Thiyagarajan R

Team Members : Vignesh R, Santhosh M

Praveen Kumar K

Mentor name : Valli Susella

Problem statement:

Farmers are switching to electric pumps to irrigate their field. There are different types of irrigation which we can do through these electric pumps. Various types of irrigation make them not to wait in the field until complete irrigation of field. So this makes to do another

work parallel. Sometimes if they forgot to visit the field there may be a possibility of excessive water to accumulate in the field. So this may lead to destruction of plant and results in collapse in the overall production.

easy to
handle

trustworthy

effective in
its work

light weight

protects
plants
rotten

monitors
water level
in field

prevents
production loss

chances of
device failure

market price

handling

reliability

involves in
improving
yield

