

# ROBOT BASED AUTOMATION FOR VERTICAL FARMING

## PROJECT WORK PLAN

Monthly Split-up Table:

No.	Month	Deliverables	Status
1	16 – SEP – 2021 to 30 – SEP – 2021	Development of conceptual design for overall project	In progress
2	01 – OCT – 2021 to 30 – OCT – 2021	Analysis and optimization of the design	Pending
3	01 – NOV – 2021 to 31 – DEC – 2021	Creating virtual environment and performing all required virtual simulations. Development of required AI/ML algorithms	Pending
4	01 – JAN – 2021 to 28 – FEB – 2021	Fabrication of the Robot and Vertical farming environment	Pending
5	01 – MAR – 2021 to 30 – APR – 2021	Robot control and automation. Implementation of developed algorithms in fabricated model.	Pending
6	01 – MAY – 2021 to 31 – MAY – 2021	Preparation of manuscripts and documentation.	Pending