



SWARNANDHRA

COLLEGE OF ENGINEERING AND TECHNOLOGY

(AUTONOMOUS)

Permanent Affiliated to JNTUK, Kakinada, Approved by AICTE

Narsapur, Andhra Pradesh 534280, India

DEPARTMENT OF CYBER SECURITY

COMMUNITY SERVICE PROJECT

TITLE:

AQUA CULTURE DEVELOPMENT-Enhancing Techniques For Sustainable Growth

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CSE-CS

CAGE CULTURE TECHNIQUES



SURVEY PHOTOS:



Cage Design and Construction:

- Materials: Strong materials to build cages.
- Size and shape: Cage dimensions fit fish needs.
- Anchoring: Keeps the cage stable in water.



Stocking and Feeding:

- Species: Pick fish suited to the area.
- Density: Don't overcrowd the cage.
- Feeding: Give the right amount of feed regularly.



Water Quality Management:

- Monitoring: Check water conditions.
- Water exchange: Keep water fresh and oxygenated.
- Weed control: Remove weeds and algae.



Fish Health Management:

- Prevention: Stop diseases early.
- Treatment: Use vaccines or medicines.
- Biosecurity: Block disease entry.



Cage Maintenance:

- Inspection: Check cages often.
- Repair: Fix damage quickly.
- Replacement: Change worn nets/ropes.

Harvesting and Marketing:

- Harvesting: Collect fish safely.
- Handling: Keep fish fresh.
- Marketing: Sell fish to buyers



THANK YOU