



Comparative experimental study of Aquaponic water and Hydroponic water quality in growth of Saffron & Rose plants.

Congratulations to

Pranav M. Khamkar, Nikhil U. Jadhav and Kewal J. Parekh

For holding second position in

National level IDEATHON startup competition

KJ College of Engineering's students held second position in the IDEATHON



position. The presentation delivered by the students on the topic "A Household soil-less bioponic indoor system equipped with bio-filter and

The final year Civil Engineering students of KJ College of Engineering And Management Research participated in the IDEATHON National Level Business Idea Competition organized by Datta Meghe Institute of Management Studies (DMIMS) Incubation Cell, Nagpur. Out of the 8 finalists groups shortlisted for the final round the KJ students were selected for runner-up

plant based organic biomass as nutrient source to grow edible crops". The students participated in this competition are Pranav M Khamkar, Kewal J Parekh, Nikhil U Jadhav and they were guided by Prof. Bharat N. Mulay, HOD, Dr. S.K. Patil and Principal Dr. Suhas S. Khot. The Project was praised by Campus Director Dr V J Kakhandki and President of KJEI Shri Kalyan Jadhav



Key features of the project :-

- Aquaponic and hydroponic with syphon system :-
- Fish type :- Iridescent Shark :-
- Recirculation :- The duration of recirculation in Hydroponics is 1 syphon cycle in 3 days and in Aquaponics it is 1 syphon cycle in 3 days.
- Plants :- The plant species used in this project are "Crocus Sativus" (Saffron) and "Rosa × Damascene" (Damask Rose).



K. J. College of Engineering & Management Research