



INTERNAL QUALITY ASSURANCE CELL

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Seminars/ Conferences/ Workshops/ Webinars conducted by Department of Botany

1. **Event** : Webinar
2. **Title of the Event** : Diversity of Microalgae and Mass Cultivation techniques
3. **Date and Duration** : 3rd February, 2022
4. **Themes & Objectives of the Event** : The Webinar aimed at awareness of various forms of microalgae, their growth and culturing systems.
5. **Funding Agency** : COF, RDWU
 - a) Funds Received (in Rs.): 2500
6. **Details of Resource Persons (date wise)**

Sl. No.	Date	Name	Designation	Institute	Title of Talk
1.	3 rd February, 2022	Dr. Mrutyunjay Jena	Assistant Professor	Department of Botany, Berhampur University, Bhanja Bihar, Berhampur	Diversity of Micoalgae and Mass Cultivation techniques

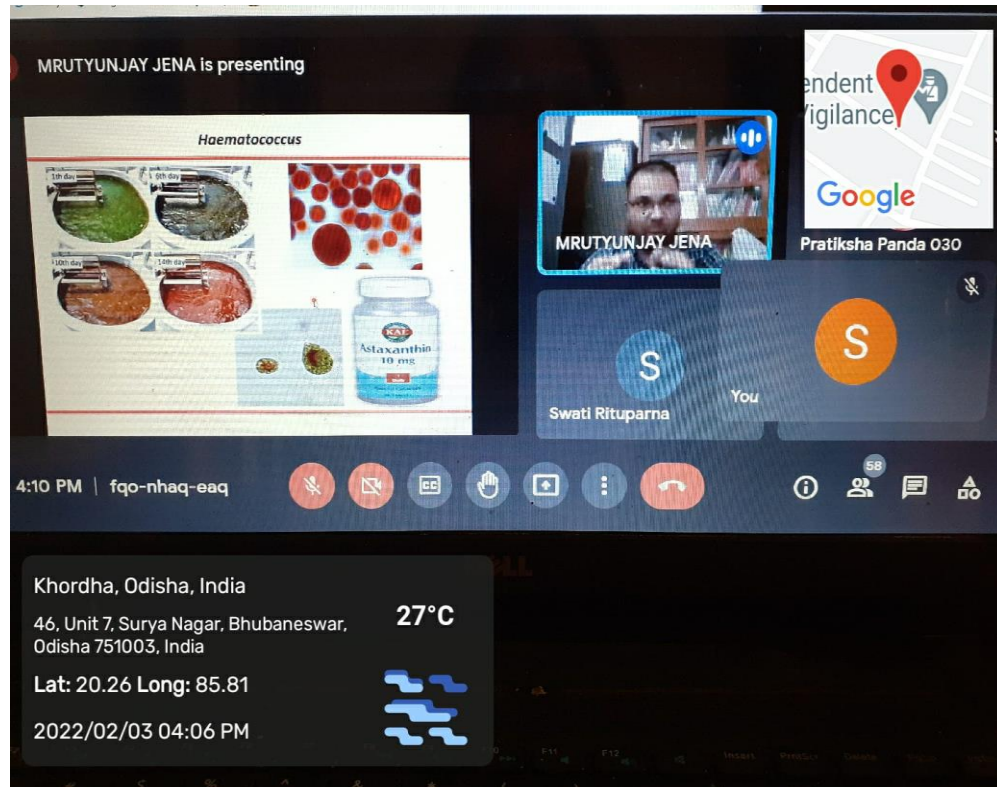
7. Details of Participants:

- a) No. of Faculty Members : 5
- b) No. of UG students : 30

8. **Outcome of the event:** The webinar focussed on the different forms of microalgae, growth of microalgae in either in open (pond) culture systems or closed flat plate, tubular and vertical column design PBRs, an ideal microalgae culturing system possessing the characteristics, including: adequate light source, effective transfer of material across liquid-gas barrier, simple operation procedure, minimal contamination rate, cheap overall building and production cost, and high land efficiency, the widely followed algal cultivation techniques : photoautotrophic and heterotrophic cultivation.

9. Recommendations: The use of algal cultivation techniques as a potential sustainable biomass for making biofuels, food, livestock feed and other products like dyes and colorant production, cosmetics and pharmaceutical ingredients.

10. Selected Photographs: Enclosed



Representative pictures for Webinar on “Diversity of Microalgae and Mass Cultivation techniques ” held on 3rd February, 2022.