

### Certificate Course –Techniques in Plant Tissue Culture

#### Post Event Report

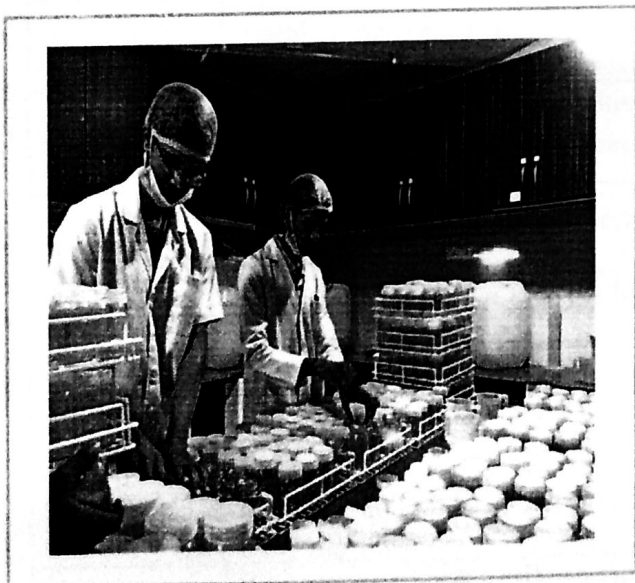
Department of BT conducted Certificate Course on Techniques in Plant Tissue Culture from 15<sup>th</sup> July 2019 to 26<sup>th</sup> July 2019


**Objective of the Course:** The two weeks course made the students to be familiar with the major concepts in plant tissue culture techniques which is a main platform for their career .Certificate Course became the vital step to improve the knowledge of students.

**Resource Person:** Mr.Rohith Raj, Managing Partner, Chlorbios Pvt.Ltd.Yalahanka Bangalore.

**Duration of the course:** Two Weeks from 15<sup>th</sup> July 2019 to 26<sup>th</sup> July 2019

#### **Student Participants in certification Program**

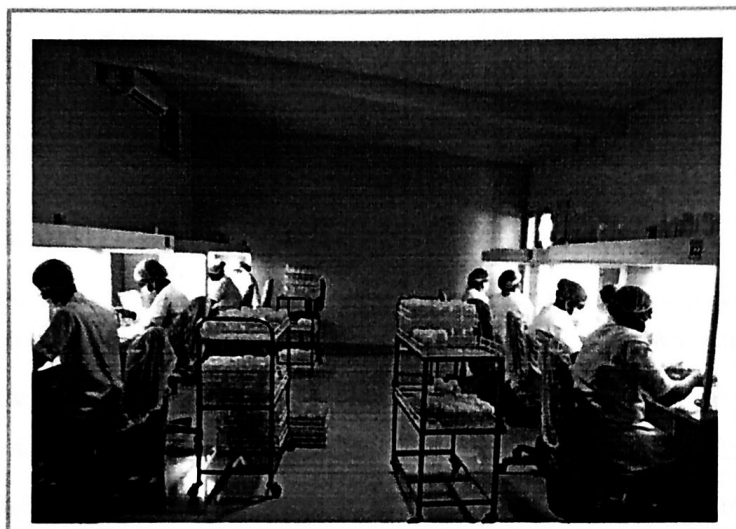


  
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### Department of Biotechnology



| Dates    | Report  |
|----------|---|
| 15-07-19 | Speaker delivered a talk on Techniques in Plant Tissue culture.   |
| 16-07-19 | Speaker delivered a talk on Media Optimization ,Callus culture and hands on session on Hands on Media Preparations                    |
| 17-07-19 | Speaker delivered a talk on Suspension Culture, Types of suspension Culture and Hands on session on preparation of suspension culture |
| 18-07-19 | Speaker delivered a talk on Callus Culture , hands on session on Hands on Media Preparations  |
| 19-07-19 | Speaker delivered a talk on Measurement of growth of cultures, Secondary metabolites in plant culture                                 |
| 20-07-19 | Speaker delivered a talk on Application of Protoplast culture, Hands on session on Isolation of Protoplast and its fusion             |
| 21-07-19 | Speaker delivered a talk on somati embryogenesis and Hands on session on somatic embryogenesis  |
| 22-07-19 | Speaker delivered a talk on clonal propagation,   |

  
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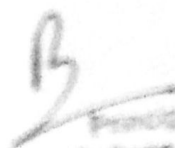
### Department of Biotechnology

|          |   |
|----------|---|
| 23-07-18 | Speaker delivered a talk on general techniques in micropropagation      |
| 24-07-18 | Hands on session on micropropagation protocol for some crop plants      |
| 25-07-18 | Speaker delivered a talk on Cell viability measurement, Viability tests |
| 26-07-18 | Hands on session on cell viability test                                 |

*Conclusion:* A program of education resulting in a certificate of completion rather than a degree. These programs prepare students to complete a specific task or allow them proficiency in one of the particular aspects of their field. Students were benefited with practical skills on plant tissue culture techniques. Students pursue certificates in order to get ahead in the professional field of their interest. Faculty members were also equally benefited with this course.

*E. J. S.*

  
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