



INTERNAL QUALITY ASSURANCE CELL

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

1. **Event** : Seminar
2. **Title of the Event** : Plant Molecular Genetics
3. **Date and Duration** : 16th March , 2019
4. **Themes & Objectives of the Event** : The seminar aimed at studying plant molecular genetics including the regulatory mechanism and pathways controlling plant development, adaptation to the environment and dense responses to biotic and abiotic stresses.
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.	16 th March , 2019	Prof. Jogeswar Panigrahi	Professor	Berhampur University	Plant Molecular Genetics

7. **Details of Participants:**

- a) No. of Faculty Members : 5
- b) No. of UG students : 25

8. **Outcome of the event:** The seminar focussed on regulatory mechanism and pathways controlling plant development, adaptation to the environment and dense responses to biotic and abiotic stresses, developmental processes include the study of root architecture and shoot branching, plant adaptive responses to nutrient starvation, toxic concentrations of metals or defensive responses to pests and pathogens, generating new tools and knowledge for improving crop production, Direct biotechnological applications of plants such as their use as biopharmaceutical factories or as tools for alleviating metal pollution and related environmental conditions.
9. **Recommendations:** The various research lines focussing on developmental processes including the study of root architecture and shoot branching, plant adaptive responses to nutrient starvation, toxic concentrations of metals or defensive responses to pests and pathogens subject to intense research efforts.

10. Selected Photographs: Enclosed



Representative pictures for Webinar on “Plant Molecular Genetics” held on 16th March, 2019.