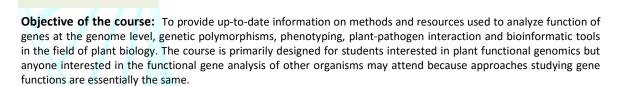


Hands on Workshop on Gene expression and function analysis for Crop Improvement

JANUARY 16-20, 2018, IIT GUWAHATI, INDIA



Host: DBT Program Support Centre, Indian Institute of Technology Guwahati

Faculty: GJN Rao, Lingaraj Sahoo, Suvendra K Ray, Sanjeev Kumar, Mohitosh Dey, Avishek Dey and Invited Scientists

Laboratory Topics:

- 1. DNA, RNA and protein isolation
- 2. Gene expression analysis by Quantitative PCR
- 3. NGS data analysis of Plant Transcriptome
- 4. siRNA detection by Northern hybridization
- 5. Protein detection by Western blotting
- 6. Marker assisted trait selection
- 7. Rolling circle amplification for detecting virus infection

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- 8. HR response and cell death
- 9. Pathogenicity test
- 10. Analytical instrumentation

Funding: Local hospitality (boarding and lodging) will be provided to all the selected participants (Master, PhD, Post-Docs and Faculty). Travel is NOT funded. Please note that there is no registration fee.

Closing date for applications: January 5, 2018

Selected candidates will be intimated by January 8, 2018.

Apply:

Apply online in the weblink: https://docs.google.com/forms/d/18Uxz-hXB3RGpbxqeyOBd7CPflxcCzsWJcPghdQyaFHs/edit

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