

Training program on Advances in Accelerated Breeding Strategies for Banana
Organized by ICAR-National Research Centre for Banana, Tiruchirappalli, Tamil Nadu

Back ground of the training

Cultivated bananas possess female and/or male sterility and produce parthenocarpic fruits, which severely constrain genetic recombination and limit improvement through conventional breeding approaches. To overcome these biological barriers, several innovative strategies and advanced technologies have been developed to accelerate banana breeding programs. A sound technical understanding of modern breeding tools and methodologies will empower banana breeders to efficiently develop improved and resilient varieties.

Key areas of the training

To impart hands on training on

- Pollen fertility studies,
- Hybridization,
- Seed extraction,
- Embryo culture,
- Banana breeding tracker,
- Chromosome doubling
- Molecular confirmation of progenies
- Confirmation of ploidy through flow cytometry.

Duration : 4-5 days

Eligibility : Assistant/Associate Professor, Scientists, Ph.D Scholar/ biology Student

Interested candidate may please contact backiyarani@gmail.com for further information