



**College of Computer Science and Information Technology, Latur.**  
**Biotechnology Department**

**Intensive Training Programme on Techniques in “Mass Production of Biofungicide its use in Agriculture”**

Following enlisted Biofungicide production techniques are required for students throughout their research carrier. These techniques are the base to enter any research institute or any agricultural research organization.

Duration of Training Programme: **Start Date: 07 Feb. 2022**

**End Date: 14 Feb. 2022**

Day	Session	Module	Outcome
Day-1	Morning (10 am to 01 pm)	<b>Microscopy</b>	Student will learn about principal ,handling ,specimen mounting and analysis
	Afternoon (02 pm to 05 pm)	<b>pH</b>	student will learn about adjusting the pH of Media and buffer , and detection of pH
Day-2	Morning (10 am to 01 pm)	<b>Collection of soil sample</b>	Student will learn to collect soil from specific plant rhizosphere.
	Afternoon (02 pm to 05 pm)	<b>Media preparation</b>	Student will learn to prepare media for fungal and bacterial growth.
Day-3	Morning (10 am to 01 pm)	<b>Isolation of antagonist</b>	Student to learn isolation of antagonist ( <i>Trichoderma viridae</i> )
	Afternoon (02 pm to 05 pm)	<b>Screening of antagonist</b>	Student will learn screening of antagonist from colony morohology
Day-4	Morning (10 am to 01 pm)	<b>Mass multiplication in liquid medium ( potato dextrose broth)</b>	Student will learn mass production of biofungicide by liquid medium method
	Afternoon (02 pm to 05 pm)	<b>To study Efficacy of <i>Trichoderma viridae</i> L. by Pot test (tray )</b>	Student will check efficacy of <i>Trichoderma viridae</i> L

Day-5	Morning (10 am to 01 pm)	<b>Mass multiplication in liquid medium ( Jagary)</b>	Student will learn mass production of bifungicide by liquid medium method ( jaggary )
	Afternoon (02 pm to 05 pm)	<b>Rotten grain (Jawar grain) method</b>	Student will learn mass production of bifungicide by Rotten grain method.
Day-6	Morning (10 am to 01 pm)	<b>Harvesting of spore from cultured broth</b>	Student will learn mass production of bifungicide by Rotten grain method.
	Afternoon (02 pm to 05 pm)	<b>Powder formulation of biofungicide</b>	Student will learn powder formulation of biofungicide
Day-7	Morning (10 am to 01 pm)	<b>Packing and marketing</b>	Student will learn about packaging practices and brief knowledge about marketing
	Afternoon (02 pm to 05 pm)	<b>Exit test</b>	-----

Name of the training instructor:

1) Mr. Maknikar K.P.

Link for Registration: <https://forms.gle/yjU7Sm498V5bskoV9>

Contact for further details: 9764670197, 9561347002, 7507420938, 8459380012

**HoD**

**Principal**