



University-Industry Research Round Table (UIRRT)

22nd November, 2018

organized by

School of Biotechnology

“...Centre for Excellence in Teaching & Research”



- *Globally Recognized Department of Biotechnology*
- *Rich in Creating Intellectual Properties in Biotechnology*
- *State-of-art Research Laboratories and Equipments*



Plant Tissue Culture Facility



Central Instrumentation Facility



Animal Tissue Culture Facility



Bioinformatics (Computer Lab)



Genomics & Proteomics Lab



Bioprocess & Fermentation Lab

Research @School of Biotechnology

Crop Improvement



Cotton Fiber Quality



Drought Tolerance & Plant Architecture



Drought Tolerance In Mustard

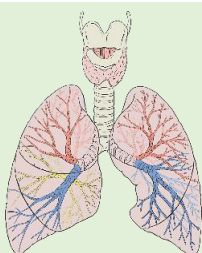


Fungal Resistance In Brinjal

Clinical Research



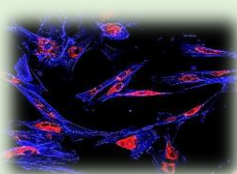
Malaria



Lungs Alveoli Regeneration

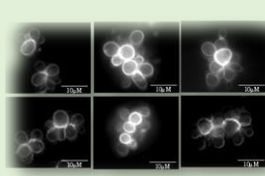


Cell Signaling in Cancer & Aging



Animal Tissue culture

Microbiology



TOR Signalling In Yeast



Persister Cell Formation



Toxin-Antitoxin Modules

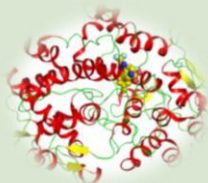


Algae/Bio-based Renewable Energy

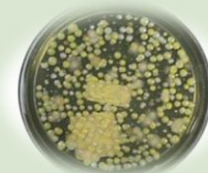
Interdisciplinary



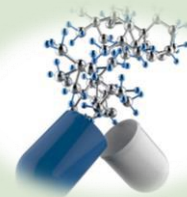
Genome Editing



Structural Biology



Bioremediation



***In silico* Drug Designing**

Research Funded By:



सत्यमेव जयते

Department of Biotechnology
Ministry of Science & Technology
Government of India



सत्यमेव जयते

विज्ञान एवं प्रौद्योगिकी विभाग
DEPARTMENT OF
SCIENCE & TECHNOLOGY

Objectives of UIRRT

1. Identification of research areas for future collaboration with Biotechnology Industry
2. Exploring the possibility of Academia-Industry Consortium for leveraging the opportunities of consultancy projects in Biotechnology Industry
3. To identify common stakes and harness common initiatives in research and product development

Access To Major Research Equipments

- Plant Tissue Culture Facility
- Animal Tissue Culture Facility
- Green House
- Animal House
- Real-Time PCR Machine
- ELISA Plate Reader
- Fraction Collector with Peristaltic Pump
- Gene Pulser
- Akta Prime
- MilliQ Water Treatment Unit
- Sonicator
- Nanodrop
- Olympus Steriozoom Microscope
- Inverted Microscope
- Benchtop Fermenter
- CO2 Incubator
- Microtome (Histopathology)

Patents (Filed & Published)

Plant Phenotype
Alteration

High Throughput
Assembly of TALENs

Bioengineering of
Cotton for Increased
Fibers

Enhanced Folic Acid
Production

Producing Early
Flowering in Plants

Design of Anti-malarial
Drugs

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Time Schedule

10:30-10:45 AM	Registration (Reception Area, School of Biotechnology, GBU)
10:45-11:00 AM	Welcome address by Prof. Shweta Anand Dean, School of Biotechnology
11:00-11:30 AM	Inaugural Address by Vice Chancellor Prof. B.P. Sharma
11:30-12:30 PM	Round Table Discussion & Visit to Research Labs
12:30-12:35 PM	Vote of thanks
12:45 -1:30 PM	High Tea / Lunch