

# Ajinkya Uday Bhawthankar

## CONTACT

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## SKILLS

### Computer Proficiency

MS-Office.

### Biochemistry

Electrophoresis ,  
Chromatography ,  
Centrifugation,  
Spectroscopy, etc

### Animal Tissue culture-

Splitting, cell- line Passage,  
cell seeding, freezing, reviving,

### Animal Handling

### Languages Known:

English, Hindi, Marathi.

### Microbiology techniques

Plating, Isolation and  
characterization of a  
micro-organism.

### Plant tissue culture

Tissue culture, Explant culture,  
Organ culture, etc.

### Personality Skill

leadership qualities, Good PCR, Isolation techniques  
Team spirit, Hard Working of DNA, RNA, Proteins,  
Positive attitude  
Innovative, self motivated

### Molecular techniques

Blotting techniques,

### Virology And Vaccinology

Virus cultivation, Virus titration  
techniques, Heamagglutinin  
Assay, Heamagglutinin  
Inhibition Assay, etc.

## WORK EXPERIENCE

### Genus Breeding India Pvt Ltd

System Technician, Bovine Research

**July 2018 — Present**

- Production for frozen semen.
- Processing of Bovine raw semen for IQC, Sample processing, etc
- Evaluation of Flow cytometry-based System for getting desired product.
- Media Preparation for the production process.

### MIT ADT University, Pune

Laboratory Technician, Bioengineering

**August 2016 — April 2018**

- Maintenance of instruments, micro-organisms, cell lines.
- Performing routine Laboratory practical for microbiology, molecular biology, Animal tissue culture.
- Maintenance of laboratory instruments, stock and requirement.
- Purchasing of requirement as per need, Vendor management, Bills Processing, Purchase order processing, etc

### Invictus Oncology Pvt Ltd

Associate Scientist, Preclinical Biology

**November 2014 — October 2015**

- Management and experimentation in animal house.
- Toxicological studies (Necropsy, Histopathology, Tissue Toxicology, in-vitro Toxicity, Mutagenicity, Genotoxicology)
- **In Vitro Studies:** MMT cell proliferation assay, Cellular Uptake of Drugs, Ames Test, Micronucleus Test, Fluorescent assays, etc.
- **In Vivo Studies:** MTD Determination, Efficacy assay, Dosing, Experiment set up, Data Analysis, **PD-PDL Studies**
- Generation of Syngenic cancer model (B16F10, LLC, CT26, )
- Dosing to the test animals through i.v., i.p., s.c., etc
- Data collection and interpretation.
- Molecular analysis of tissue samples. Fluorescent assays like TUNEL, etc.

## EDUCATION

### Master of Science

2013 — 2015

Symbiosis School of Biomedical Sciences, Pune, India

I have completed **Masters in Biotechnology** in 2015 with CGPA **3.22 out of 4.000**.

### Bachelor of Science

2010 — 2013

SRTMU, Nanded, India

I have completed **Bachelor in Biotechnology** in 2013 with **81.69%**. I have secured **First Rank** among all University & Affiliated Institutes.

## EXTRA CURRICULAR ACTIVITY

- Participated and presented Model on "Preparation of biofertilizer From FRUIT PEELS WASTE" State Level Science Exhibition held at Balbhim college, Beed, on Sep 3, 2011.
- Participated and Presented model on "Preparation of biofertilizer From FRUIT PEELS WASTE" in Avishkar Research Festival-2011 held at College of Computer Science and Information Technology, Latur, on, 2011.
- Participated and Presented poster on "Mesenchymal Stem Cells" in 2nd International Conference on Stem Cells and Cancer held at YASHDA, Pune, on 15-18 October, 2011
- Participated and Presented poster on "Preparation of biofertilizer From FRUIT PEELS WASTE" 4th Science Conclave held at Indian Institute of Information Technology, Allahabad, on 26 November - 2 December, 2011
- Participated in Graduate Students Meet held at Advanced Centre for Treatment, Research And Education in cancer (ACTREC), Kharghar, Navi Mumbai on 9th-10th Dec 2011
- Attended open Discussion on "Biotechnology Regulatory Authority of India Bill 2013" organized by the Tech-Legal Cell on 10th Oct 2013 at Symbiosis Law School, Pune.
- International Conference on "The Insider threat to radiological security knowledge proliferation and radiological security", 2013.
- Participated and secured 3rd prize in "11th State Level Microbiological Contest" organized by Dept. of Microbiology and Biotechnology, R C Patel college of Arts Science And commerce held on 27th January 2012
- Participated in "12th State Level Microbiological Contest" organized by Dept. of Microbiology and Biotechnology, R C Patel college of Arts Science And commerce held on 27th January 2013

## DECLARATION

I hereby declare that all the details furnished above are true to the best of my knowledge and belief.

