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## AVANTHI DEGREE & P.G. COLLEGE

(Affiliated to Osmania University & Recognized by Govt of Telangana)

# 3-4-875/a/1, Barkatpura, Hyderabad-27.(BLOCK- I)

ESTD-1992 Road No.12, Above Honda Show Room, (BLOCK- II), Narayanaguda, Hyd-29.

### Event Organised Report

2022-2023

Name of the Department	Department of Life sciences
Title of the event	BIOADHYAYAN
Date of Event Organized	March 16 <sup>th</sup> & 17 <sup>th</sup>
Name of the coordinator of the Event	C.PARIMALA & N. JYOTHI
No.of Participants	B.Sc & M.Sc Lifescience students

**AVANTHI**  
GROUP OF INSTITUTIONS

BARKATHPURA, NARAYANAGUDA, GUNTAPALLY.

**31**  
Celebrating Years

**Technical Speakers**

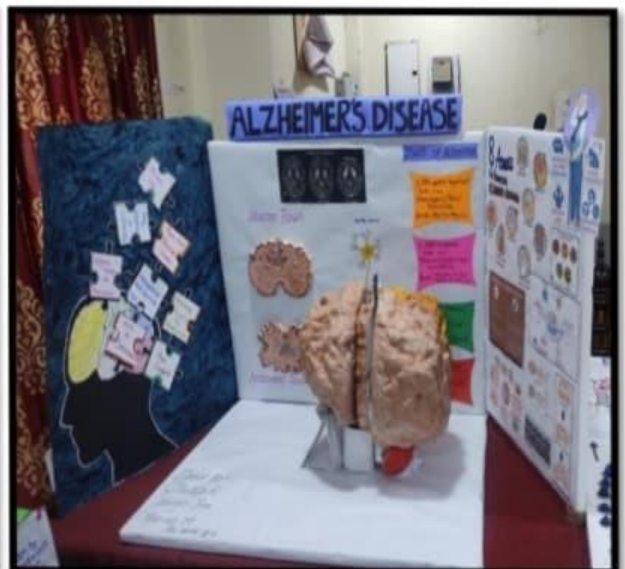
**Dr. D. Srinivasa Reddy**  
Director, CSIR-Indian Institute of Chemical Technology, Hyderabad  
Topic: "Natural Products based Drug Discovery & Few case Studies from the Group"

**Dr. P.B Kavi Kishor**  
CSIR Emeritus Scientist, Department of Genetics, Banaras University, UP  
Topic: Future Prospects of Biotechnologies.

**Dr. Chandraiah .G**  
Head, Department of Biological Sciences, BIPER, Hyderabad  
Topic: Novel Trends in Pharmacology & Toxicology

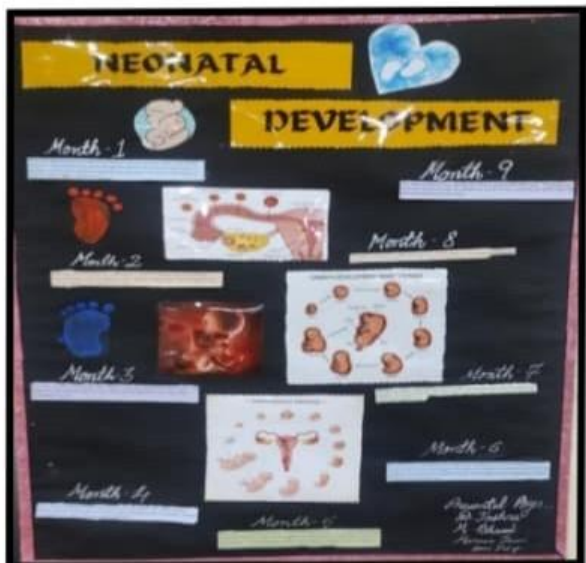
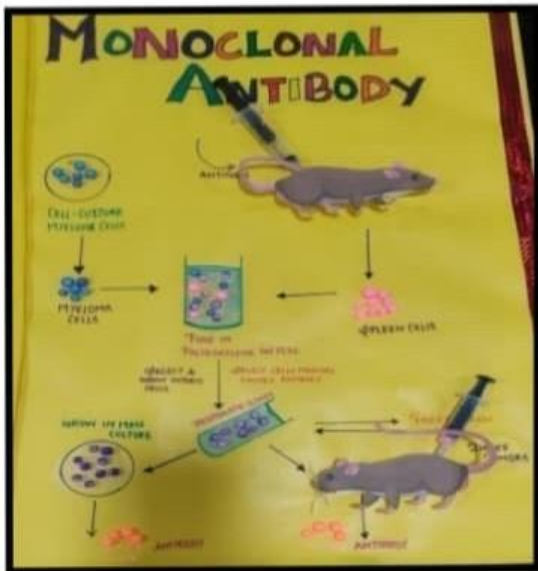
**TWO DAY NATIONAL SEMINAR ON**  
" **BIO-ADHYAYAN -2K23** "  
" NEW FRONTIERS & CONCEPTUAL ADVANCES IN BIOSCIENCES "







**Committed to Excellence in Higher Education**



**BIOREACTOR**

What is Bioreactor?  
Bioreactor is used to grow the cells that produce a culture medium for administration to gene and metabolic or cell-culture labors.

**Components:**  
1. Cell Culture  
2. Medium  
3. Light  
4. Heat  
5. Oxygen

YOUR BIOPROCESSOR IS PREINSTALLED  
Look at these you know what to do! Super fast! Super smart!

WHAT DOES BIOPROCESSOR DO?  
Look at the components of the bioreactor. It's a simple & easy to use.

**Advantages:**  
• Continuous operation  
• Excellent temperature control  
• Easy to scale up

**Disadvantages:**  
• High cost of running can be major one

**Applications:**  
• Production of primary metabolites (amino acids & other acids)

DONE BY:-  
Tanusree M. Bhat 2024

