



(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)


S.P.G.Chidambara Nadar - C.Nagammal Campus


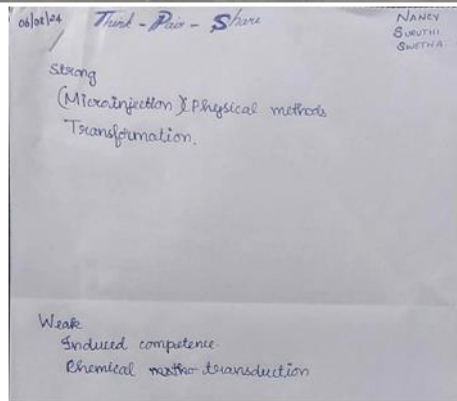
S.P.G.C. Nagar, K.Vellakulam – 625 701 (Near VIRUDHUNAGAR).


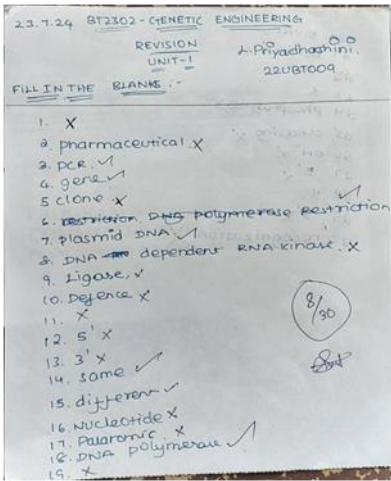
**Academic Year 2024-25**



**DEPARTMENT OF BIOTECHNOLOGY**



**ICT Tools/Activity Based Learning followed in Class Room Teaching**



S. No.	Name of the Faculty	Subject code & name	ICT tool / ABL	Purpose	Color photos / images / geotag photos
Department of Biotechnology					
1.	Dr K.Geetha	BT2302 & Genetic Engineering	Quiz in classroom	To assess the learning of the class	 <p>Chittoor, Tamil Nadu, India  MXF7+9XG, Chittoor, Tamil Nadu 625701, India  Lat 9.673422°  Long 77.964699°  18/07/24 11:59 AM GMT +05:30</p>

S. No.	Name of the Faculty	Subject code & name	ICT tool / ABL	Purpose	Color photos / images / geotag photos
2.	Dr K.Geetha	BT2302 & Genetic Engineering	Think Share Pair Activity	Helps students to understand what was clear and what was confusing in a given topic	 <p>Chittoor, Tamil Nadu, India MXCB+V5J Kamaraj College, Bus Stop, NH 44, Chittoor, Tamil Nadu 625701, India Lat 9.672186° Long 77.965139° 06/08/24 02:41 PM GMT +05:30</p>  <p>06/08/24 <i>Think - Pair - Share</i> NANEY SURESH SURETHA</p> <p>Strong (Microinjection) Physical methods Transformation.</p> <p>Weak Induced competence Chemical method-transduction</p>

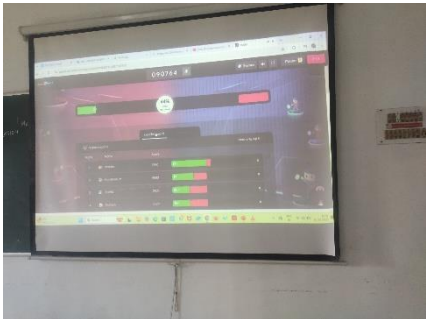
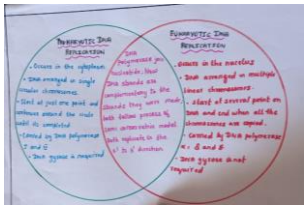
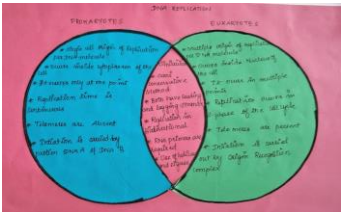
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3.	Dr K.Geetha	BT2302 & Genetic Engineering	Fill in the blanks	Review of Unit	 

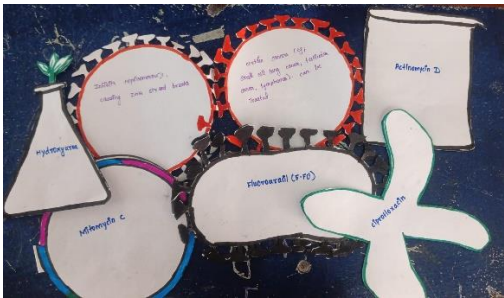
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4.	Dr K.Geetha	BT2302 & Genetic Engineering	Student seminar	Peer enabled learning	
5.	Dr K.Geetha	BT2302 & Genetic Engineering	Role play	To teach the working of Real Time PCR Chemistry – TaqMan Probes	

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6.	Dr K.Geetha	VBT336 & Cancer Biology (Honours)	Guest Lecture By Industry Expert: Cancer Research In Industries by Dr Rajasekaran R, Research Scientist, LifeSenz Cancer Research Labs Pvt Ltd, Mumbai.	To understand the application of concepts studied in Cancer biology	 

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7.	Er.A.Ganga	VBT313 & Bioanalytical Techniques and Instrumentation	Peer Learning	To enable students to work together to learn, build self-confidence, develop skills.	 <p>Chittoor, Tamil Nadu, India MXC8+V5J Kamaraj College, Bus Stop, NH 44, Chittoor, Tamil Nadu 625701, India Lat 9.672237° Long 77.96518° 14/10/24 01:43 PM GMT +05:30</p>
8.	Er.A.Ganga	VBT325 & Principles of Food Preservation	Read, Say, Write	To create a vivid and lively environment to students that help them actively engage in learning.	 <p>Chittoor, Tamil Nadu, India MXC8+V5J Kamaraj College, Bus Stop, NH 44, Chittoor, Tamil Nadu 625701, India Lat 9.672141° Long 77.965112° 19/09/24 12:32 PM GMT +05:30</p>



S. No.	Name of the Faculty	Subject code & name	ICT tool / ABL	Purpose	Color photos / images / geotag photos
9.	Er.R.Amuthalakshmi	BT2255 & Molecular Biology	Quizziz	A Quizizz activity was conducted to assess students' understanding of the Meselson & Stahl experiment, which demonstrated the semi-conservative nature of DNA replication.	
10.	Er.R. Amuthalakshmi	BT2255 & Molecular Biology	Venn Diagram Activity for Differences in Eukaryotic and Prokaryotic Replication process	This Venn Diagram activity effectively enhances students' comparative understanding of DNA replication in prokaryotes and eukaryotes by providing a visual representation that clearly highlights key similarities and differences	 

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11.	Er.R. Amuthalakshmi	BT2255 & Molecular Biology	Flash card making activity for Inhibitors of DNA Replication	The Flash Card Making Activity effectively reinforces students' understanding of DNA replication inhibitors by promoting active recall and memory retention.	
12.	Er.R. Amuthalakshmi	VBT331 & Neurobiology and Cognitive Sciences	Tree Diagram Construction for Types of Neurotransmitters	the structured format improves retention by simplifying complex information, making it easier to recall neurotransmitter types and their roles in neural communication.	