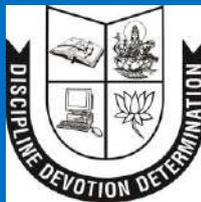


# NEW PRINCE SHRI BHAVANI ARTS & SCIENCE COLLEGE

(An ISO 9001:2015 Certified Institution; Affiliated to University of Madras)  
Patel Road, Medavakkam, Chennai-100



The Bachelor of Science in Biotechnology is a 3-year undergraduate course that involves an in-depth study of a biological process that is meant for industrial purposes like genetic manipulation of microorganisms to produce antibiotics, hormones, etc. used in medicine production and other such purposes. In the Department of Biotechnology, our aim is to impart quality education to budding Biotechnologists and promote strong interdisciplinary research in frontier areas of biotechnology and life sciences.



*Greetings from the  
Department of  
Biotechnology*

I am very delighted to present the Seventh issue of the newsletter "Biotech Occasions" of Biotechnology Department. I hope the newsletter will serve as an interface between the college and outside world. This newsletter provides specialized information about academic and co-curricular activities organized in the Department during the academic year of 2021 - 22. I am happy to note that various initiatives are taken by the department to disseminate knowledge by organized to keep updated with the latest development in the field of Biotechnology. I congratulate all the faculty and students who have contributed to these newsletters and also appreciate all faculty members for motivating their students.

# ***ABOUT THE DEPARTMENT***

Department of Biotechnology was established in 2005. The Department aims to impart quality Training with distinctive proficiency of merging Engineering principles with biological systems. The Department has designed dynamic and focused curriculums to develop a well-trained manpower in biotechnology for academic / industrial / pharmaceutical applications as well as research perspectives. Students are motivated to actively participate in seminars, symposiums, conferences and workshops. The Department has well-equipped laboratories to provide hands-on training and research exposure to the students. The Department has highly qualified faculty with doctoral research experience.

## **VISION**

Providing graduates equipped with excellent theoretical knowledge and practical skills and promoting scientific research and community service

## **Mission**

**The department's mission is to give students an education that combines a comprehensive academic study with intensive practical training in an environment that is dynamic and productive of research**

## *WHAT'S INSIDE*

### **• DEPARTMENT MISSION & VISION**

#### EVENTS ORGANIZED

- **ADD ON COURSE**
- **ALUMNI TALK**
- **INTER COMPETITIONS**
- **INTRA COMPETITIONS**
- **WEBINARS/VIRTUAL WORKSHOP**
- **STUDENTS ACTIVITIES**
- **STAFF ACTIVITIES**

## Add on course/Short term course organized by the Department

A short term course (more than 30 hours) conducted on, *Haematological Techniques & Biomanure Production* for the students of second and third year respectively during the month of August 2021 and Microbial Screening course was conducted for I years in the month of October 2021. Course completion certificates issued at the end of the course.



### Alumni Activity

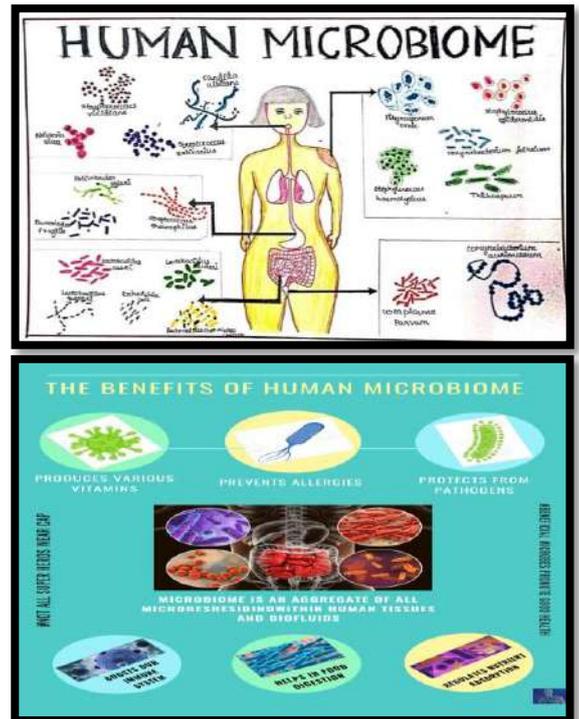
An alumni talk was held in the department on 28-03-22. Two alumni S.Janani & S.Jagadeswari interacted with the students about “Higher Studies & Carrier Opportunities in Biotechnology”. The main aim of this event is helping them to achieve their identified career options or acquiring their professional goals. The role of a career guidance expert ranges from acting as a guide to leading the entire course of action.

*An investment in knowledge pays the best interest.*

*– Benjamin Franklin*

## Inter collegiate Activity

Department of Biotechnology & IQAC jointly conducted a Content Writing: Stem Cell and Regenerative Medicine E-Poster Presentation: Human Microbiome as Inter Collegiate competition on World Science Day 10-11-2021 in online mode. To evaluate the knowledge gained in the programme of the participants within academics as well as beyond academics.



## Intra Departmental Activities

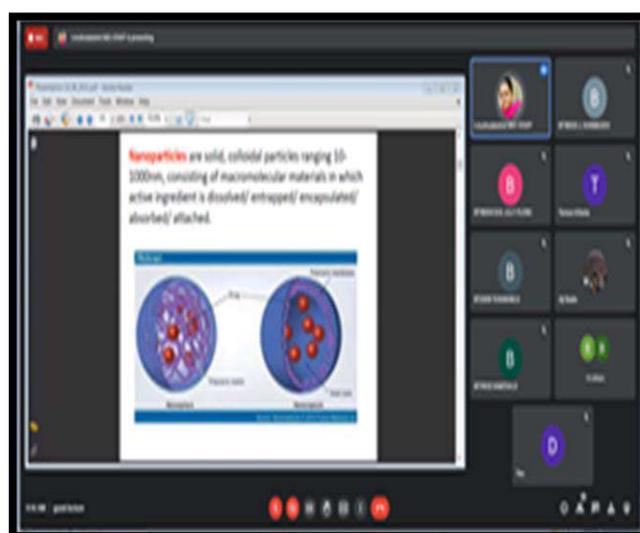
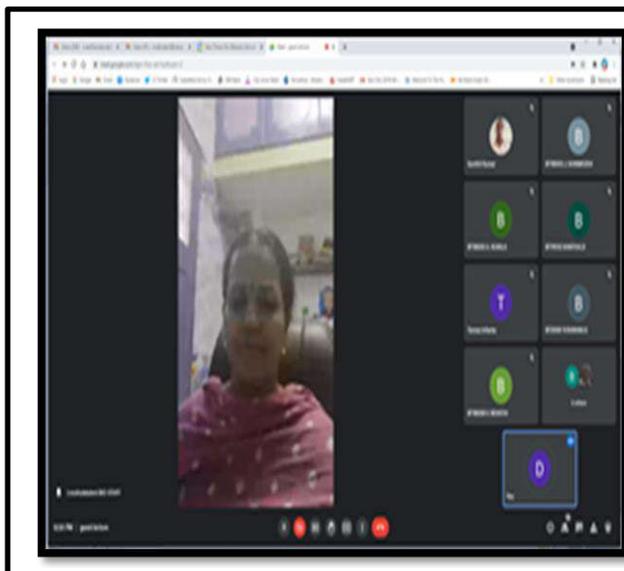
Department of Biotechnology conducted an Intra departmental competition in associate with IQAC entitled of the competitions were BIOBEATS & BIOPUZZLE on 28.02.2022.





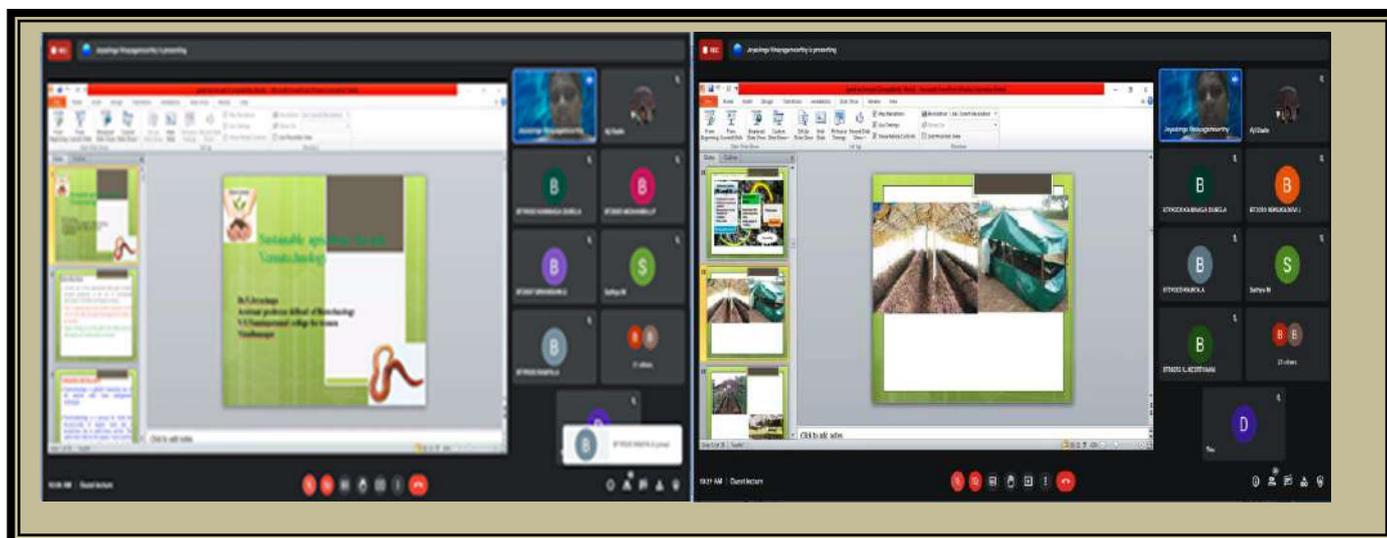
Department of Biotechnology conducted an Intra Departmental competition in associate with IQAC entitled of the competitions were Fireless cooking and Bio painting on Hands on 24-09-2022.

## Webinars/Virtual Workshops



A webinar on “Scope and Application of Biotechnology” Presented by Dr.L.Muthulakshmi, Asst.Professor, Dept. of Biotechnology, Kalasalingam Academy of Research and Education, Krishnakoil on 27/8/2021

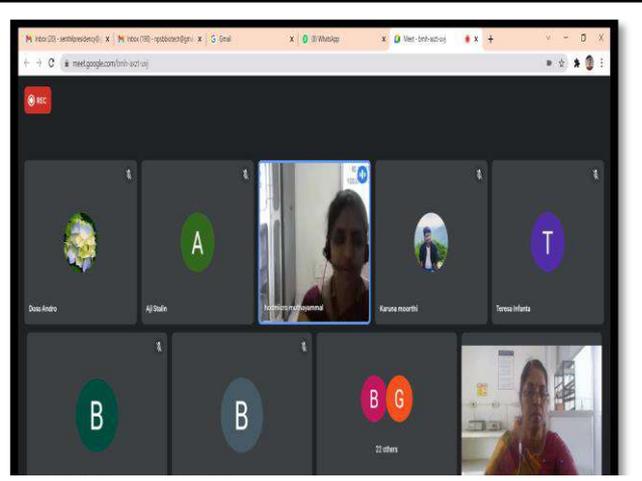
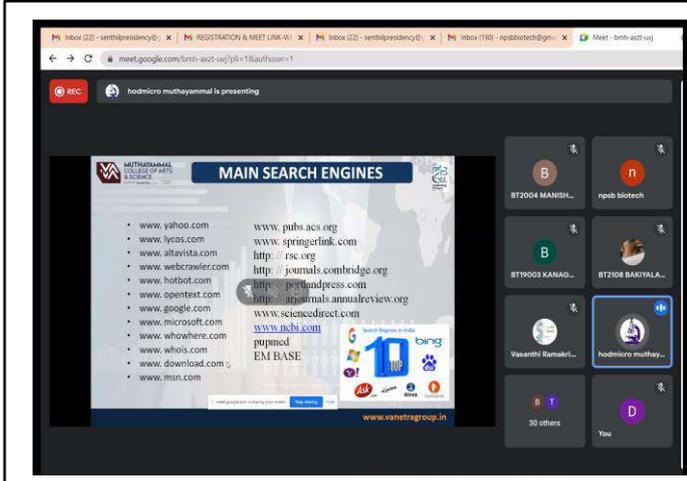
A Skill Development Programme on “Vermitechnology” was presented by Dr.V.Jeyasingha, Asst.Professor & Head, Dept. of Biotechnology,V.Vanniaperumal College for Women, Viruthunagar on 11/9/2021



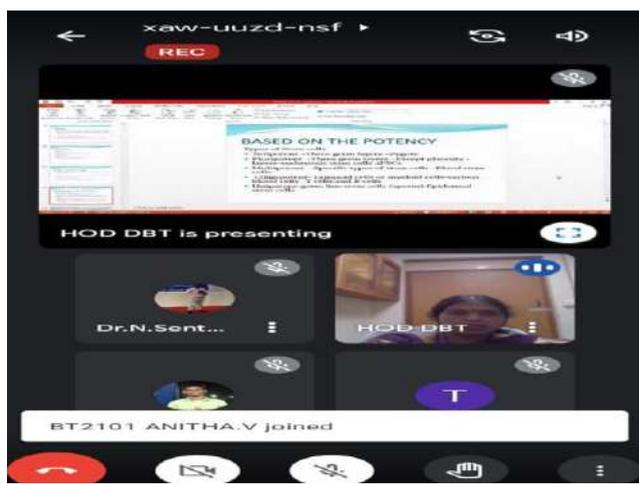
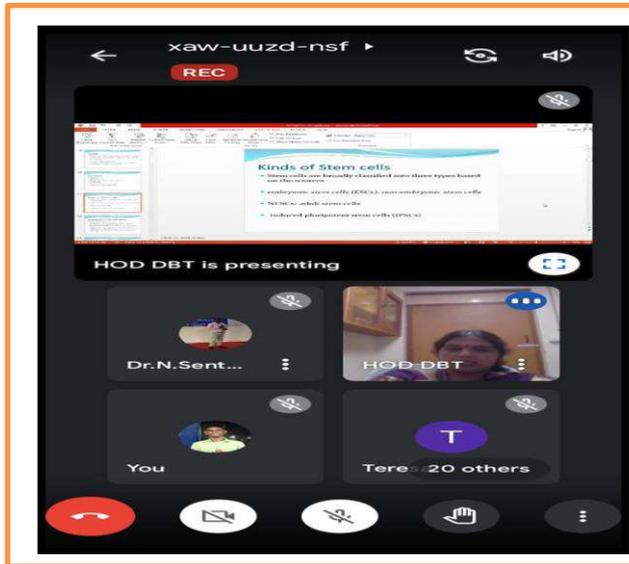
A Career Development Programme on “Crafting Career in Biotechnology” Presented by Mr.B.Prabhakaran, Chief Operating Officer, GyruS Infotech, Chennai on 12/10/21



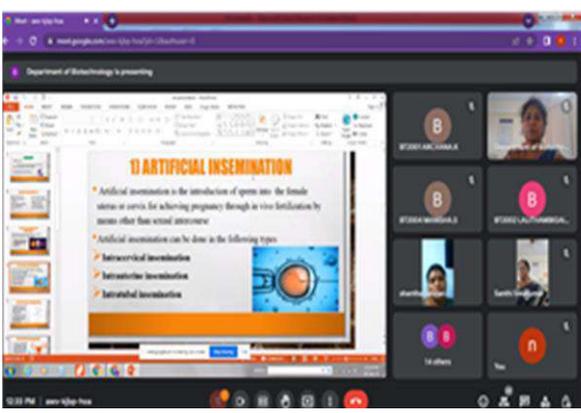
A seminar on “Designs of Research for Students” Presented by Dr.D.Shahitha Head Dept. of Microbiology, Muthayammal College of Arts and Science,Rasipuram. on 30/11/2021.



A Webinar on “Basics of Stem Cells” Presented by Dr.D.Sankari Associate Professor & Head Dept.of Biotechnology, College of Science & Humanity SRMIST-Kattankullathur on 10/12/2021.



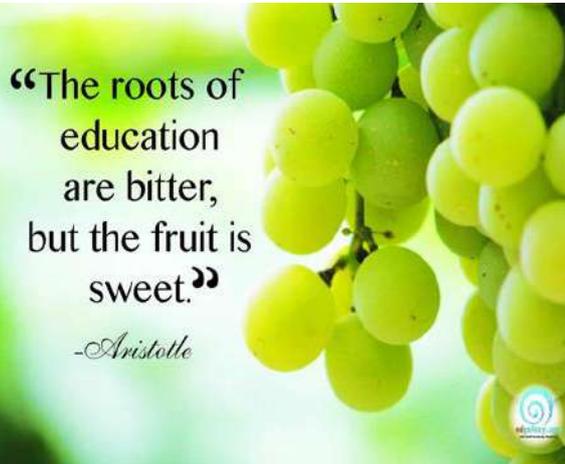
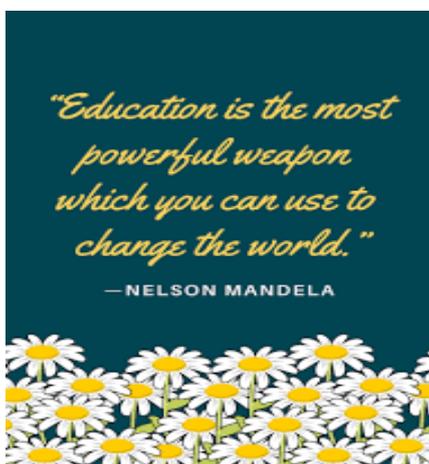
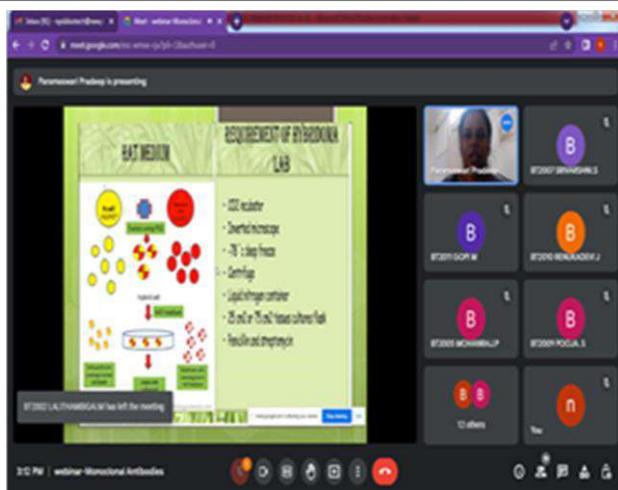
A Webinar on “Recent Trends in Reproductive technology-Humans and Animals” Presented by Mrs.M.Shantha, Asst. Professor, Dept. of Biotechnology, Kumararani Meena Muthaiah College, Chennai on 15/3/2022.



A Skill Development Programme on “Spirulina Cultivation” by Oferr, Nallayan Research Centre for Sustainable Development –Navallore Village –Kanchipuram on 30/3/2022



A Webinar on “Applications of Monoclonal Antibodies” Presented by Dr.P.Parameswari, Assistant Professor, Apollo Arts & Science College, Poonamallee on 23/4/2022



## STAFF ACTIVITY

STAFF NAME	DATE	WEBINAR/ VIRTUAL WORKSHOP/ FDP	TOPIC	VENUE/ ORGANIZER
Antony K.Teresa Infanta S	08.06.2021	Webinar	Microbial Culture Preservation	AIMST University
Antony K.Teresa Infanta S	26.06.2021	International Webinar	Recent Advances In Emerging 3D Nano Materials for Real-World Energy Technologies	Tranquebar Bishop Monickam Lutheran College
Dr.N.Senthil Kumar	12.08.2021	Webinar	Innovation and IPR	Sree Narayana Guru College
Antony K.Teresa Infanta S				
Antony K.Teresa Infanta S	16.08.2021	International FDP	How to Keep Yourself Energized the Hole Day??? Let the Happiness Stay Forever!!!!	SSS Shasun Jain College Chennai
Antony K.Teresa Infanta S	18.09.2021	International Virtual Conference	Probiotics In Aquaculture and Consumptive use Value of Marine Biodiversity - Aquabio-2020-21	Annamali University
Dr.N.Senthil Kumar	21.09.2021	Webinar	Know Your Self	Annai Veilankanni's Group of Educational Institution Potheri
Dr.N.Santhi				
Dr.N.Senthil Kumar	23.09.2021	Webinar	Mental Subtraction	Annai Veilankanni's Group of Educational Institution Potheri
Dr.N.Santhi				
Antony K.Teresa Infanta S				
Dr.N.Santhi	24.09.2021	International Workshop	Tool for Writing Research Outcomes in Write Way	Periyar Maniyammai Institute of Science and Technology
Dr.Senthil Kumar	01.10.2021	Webinar	Effective Communication Skills and Work- Life Balance for a Sucessful Carrier	Annai Veilankanni's Group of Educational Institution Potheri.
Dr.N.Santhi				
Antony K.Teresa Infanta S Dr.Senthil Kumar	05.10.2021	Webinar	Women and Carrier in Media	Annai Veilankanni's Group of Educational Institution Potheri

Dr.Senthil Kumar	10.10.2021	Webinar	How Women deal with Mental Health Problems while studying in College and Working in Office	Vivekanandha Arts and Science College Salem
Antony K.Teresa Infanta S				
Dr.Senthil Kumar	11.10.2021	Webinar	Power of Positivity	Annai Veilankanni's Group of Educational Institution Potheri
Dr.N.Santhi				
Dr.N.Santhi	01.12.2022 To 11.12.2022	Workshop	Advanced Materials for Biomedical Application	University of Madras
Dr.S.Usha	29.12.2021	Webinar	Biodiversity of Jammu and Kashmir and Indian Ocean Atoll Mangroves: Diversity and Conservation Perspectives	Ministry of Environment, Forest and Climate change New Delhi
Dr.S.Usha	02.02.2022	Webinar	Managing Mangrove Wetlands of India: Remote Sensing and GIS Application	University of Madras Chennai
Dr.N.Santhi	09.02.2022 & 10.02.2022	FDP	Recent Trends In Research	Srm Institute Of Science And Technology
Antony K.Teresa Infanta S				
Dr.Senthil Kumar				
Dr.N.Santhi	16.02.2022 To 18.02.2022	International Workshop	Microalgal Technology	St.Mary's College Thoothukudi
Antony K.Teresa Infanta S				
Dr.N.Santhi	21.02.2022 To 25.02.2022	FDP	Intellectual Properties Rights	St.Mary's College Thoothukudi
Antony K.Teresa Infanta S				
Dr.Senthil Kumar				
Dr.N.Santhi	03.03.2022 & 04.03.2022	International Webinar	Climate Change and Future Challenges	St.Mary's College Thoothukudi
Dr.N.Santhi	14.03.2022	Seminar	Thrust Areas in Biotechnology	V.V.Vanniyaperumal College for Women
Dr.N.Santhi	22.03.22	Webinar	Biomedicine & Healthcare in the Era of Artificial Intelligence	Oh My Gene Northeastern University
Dr.N.Santhi	29.03.2022	International Faculty Development	Management of Emotions for Success in Career And Life.	Guru Nanak College Chennai
Dr.Senthil Kumar				
Dr.N.Santhi	30.03.2022	International FDP	Women Empowerment and Gender	Gurunanak College

			Sensitisation	
Dr.N.Santhi	31.03.2022	International FDP	Paradigm SIFT from Pedagogy 1.0 To Pedagogy 4.0 To Address Industry 4.0	Guru Nanak College Chennai

## STUDENT ACTIVITIES

COLLEGE NAME	DATE	EVENT NAME	STUDENT NAME	CLASS	STATUS
B.S . Abdulrahman Crescent Institute of Science & Technology	07.06.2021	Online International Workshop on Food Safety and Food Biotechnology	Lalithambigai.M	II Biotechnology	Participated
			Gopi.M		
			Pooja.S		
			Archana.K		
			RenikaDevi.J		
	23.12.2021 to 6.06.2022	Certificate informatics and Computer Basics	VishnuMaaliga.R	I Biotechnology	Outstanding Grade
			Anitha.V		
			Bakiya Lakshmi.L		
			Devi.S		
			Dass.R		
Ministry of Environment, Forest & Climate change	24.12.2021	Swachh Bharat Harit Bharat	Yuvarani. G	II Biotechnology	Participated
Narcotics control Bureau	24.12.2021	Say Yes to Life, No to drugs	Yuvarani. G	II Biotechnology	Participated
PGP College of arts and science, Namakkal	04.02.2022	Quiz competition	Yuvarani. G	II Biotechnology	Participated

