



॥ विद्या विनयेन शोभते ॥

Janardan Bhagat Shikshan Prasarak Sanstha's

CHANGU KANA THAKUR

ARTS, COMMERCE AND SCIENCE COLLEGE, NEW PANVEL

(AUTONOMOUS)

Re-accredited 'A+' Grade by NAAC (3rd Cycle - CGPA 3.61)

'College with Potential for Excellence' Status Awarded by UGC

'Best College Award' by University of Mumbai

Department of Biotechnology

E-content/modules developed by faculty/department

Year	Name of the teacher	Name of the module	Platform on which module developed	Date of launching	Class benefitted
2022-23	Dr. (Mrs.) S. S. kokitkar	Precipitation Reaction	Youtube https://www.youtube.com/watch?v=sM_jG4YgTbI&t=60s	21/09/2022	S.Y. B.Sc Biotechnology
	Mr. S.S. Ghadage	Granulocytes	Youtube https://www.youtube.com/watch?v=ASbjrgBxHmU&t=15s	20/09/2022	S.Y. B.Sc Biotechnology
	Mrs. L. R. Chavan	Multiple alleles and Blood groups	Youtube https://youtu.be/UXqOPQPto8	20-09/2022	F.Y. B.Sc Biotechnology
	Mrs. M. D. Vaishampayan	Enzymes	Youtube https://youtu.be/-0oQ2WqHm6Y?si=01499UKiIDfZrCp	20/09/2022	F.Y. B.Sc Biotechnology
	Dr. Sharmila S. Ghangale	1.Essentials and Non-essential elements in biological Systems	https://youtu.be/OJLvTcLOg1c?si=OL392LHnVmtzKqyU	21/09/2022	S.Y. B.Sc Biotechnology
		2. Nutraceuticals- Carnitine: Its Properties and Functions	https://youtu.be/nasyqONiUI0?si=pz1UTd6FrL1SsJVn	02/12/2023	S.Y. B.Sc Biotechnology
	Ms. Rupali D Nanekar	Bioremediation	https://youtu.be/hmL3a0Bc27Q?si=yQjNAegGwnQwkmw	20/09/2022	S.Y.Bsc Biotechnology
	Dr Anuprita Watharkar	Recombinant DNA Technology	You Tube https://www.youtube.com/watch?v=QnjLh-ZjM6I&t=39s	20/09/2022	S.Y.Bsc Biotechnology
	Mrs Bhawana Nile	Mutation	https://youtu.be/6BWKlcQn1kg?si=DqvxmN6GXmgIuUU5	21/09/2022	SY Biotechnology



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2023-24	Dr. (Mrs.) S. S. kokitkar	Introduction to research Methodology	Youtube https://www.youtube.com/watch?v=edEWIQ0qcEk	03/04/2024	S. Y. B. Sc. Computer science
		Objectives of Research	Youtube https://www.youtube.com/watch?v=edEWIQ0qcEk	03/04/2024	S. Y. B. Sc. Computer science
	Mr. S.S. Ghadage	Structure and Function of Lycopene	Youtube https://www.youtube.com/watch?v=tU7DAPkg01o	02/12/2023	S. Y. B. Sc. Biotechnology
		Glucosamine	Youtube https://www.youtube.com/watch?v=Grht_3DSIss	02/12/2023	S. Y. B. Sc. Biotechnology
	Mrs. L. R. Chavan	Epistasis	Youtube 1. https://youtu.be/gpKXwIMITSY 2. https://youtu.be/U9oEr1-PdQo	18/12/2023	F.Y. B.Sc. Biotechnology S.Y.B.Sc. Biotechnology
		Pedigree Analysis	Google Classroom 3. https://drive.google.com/file/d/1wW3BpAKjXIaVEpsoPOYs6htu5SuoU1hg/view?usp=classroom_web&authuser=0		S.Y.B.Sc. Biotechnology
		Scope & Applied Aspects of Nutraceutical Science	4. https://drive.google.com/file/d/1EVe5nRWxbkM8IWTQYtFohPbcYbHgTaQu/view?usp=classroom_web&authuser=0		S.Y.B.Sc. Biotechnology
	Prebiotics as nutraceuticals	5. https://drive.google.com/file/d/1Mqpn2LXOrmdCaLZTIbt_lv12BkLfTc_r/view?usp=classroom_web&authuser=0	S.Y.B.Sc. Biotechnology		
	Immunity enhancement through nutraceuticals			S.Y.B.Sc. Biotechnology	



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2023-24	Mrs. M. D. Vaishampayan	Scope of nutraceuticals	Youtube 1. https://youtu.be/InZCZp_1giA?si=1ax8gLvBgGBc8Bt 2. https://youtu.be/fVOAqqvGJ14?si=VL177QnEJzhUgPJC 3. https://youtu.be/3mepRRJzTIk?si=dOOPHt_t_9orjoh	02/12/2023	SY. Biotechnology
		Research Methodology: Research Problem (Part-I)	https://youtu.be/0KdhUuJ59Dk?si=a6xJvhEbFQyFvTtQ	03/04/2024	S.Y.B.Sc. Computer Science
	Research Problem (Part-II)	https://youtu.be/asqxUdjIk5Y?si=7X_BCmNqody7VXa-	03/04/2024	S.Y.B.Sc. Computer Science	
	Research Plan and Data Collection	https://youtu.be/qegh1mhDm3U?si=fth7E-LS1j1poa4N	13/04/2024	S.Y.B.Sc. Computer Science	
	Research Methodology: Research Plan, Part - I	https://youtu.be/74J-OmDbj0c?si=Mm-IaUmRn3q6g5Rz	13/04/2024	S.Y.B.Sc. Computer Science	
	Research Methodology: Research Plan, Part - II	https://youtu.be/O54re1aHEGM?si=J67V3sQ_H5pkQ-3R	13/04/2024	S.Y.B.Sc. Computer Science	
	Research Methodology : Interpretation	https://youtu.be/Zk2FYxdY1H0?si=HZrC76nLQf_SP9Zl	13/04/2024	S.Y.B.Sc. Computer Science	
Dr. Sharmila S. Ghangale					



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2023-24	Ms. Rupali D Nanekar	Classification of Nutraceuticals Hypoglycemia	YouTube 1. https://youtu.be/vHY7TGdlDm8?si=OTASSk87rqfCM_OW 2. https://youtu.be/szeAu1x8JB8?si=T7gG42VlnYOfQf6P 3. https://youtu.be/sQL5CyVbJyk?si=-VT6JRc9ZqigkSuJ 4. https://youtu.be/E1R79BZvB30?si=4UKsfG3YfVTBr1kb	02/12/2023 21/03/2024	S.Y.Bsc Biotechnology
	Dr Anuprita Watharkar	Historical Perspectives of Nutraceuticals	https://www.youtube.com/watch?v=ssJi8gkogYU&t=122s	02/12/2023	S.Y B.Sc. Biotechnology
		Traditional Nutraceuticals	https://www.youtube.com/watch?v=VofX_k-9fsk		
	Ms. Lama Sirkhot	Classification of Nutraceuticals Part- I	https://www.youtube.com/watch?v=jYRQssZpQMI	21/03/2024	S.Y. Biotechnology
		Classification of Nutraceuticals Part- II	https://www.youtube.com/watch?v=JM7LIW-OZi8	21/03/2024	S.Y. Biotechnology
	Ms Bhawana Suryawanshi	Ornithine alpha ketoglutarate Part 1	https://www.youtube.com/watch?v=0DS31RZp_Mw&t=243s&pp=ygUTYmhhhd2FuYSBzdXJ5YXdhbnNoaQ%3D%3D	02/12/2023	S.Y. Biotechnology
		Ornithine alpha ketoglutarate Part 2	https://www.youtube.com/watch?v=MBimwP0Dm6Y&t=3s&pp=ygUTYmhhhd2FuYSBzdXJ5YXdhbnNoaQ%3D%3D	02/12/2023	S.Y. Biotechnology
Ornithine alpha ketoglutarate Part 3		https://www.youtube.com/watch?v=biKhKI0cJuA&t=6s&pp=ygUTYmhhhd2FuYSBzdXJ5YXdhbnNoaQ%3D%3D	02/12/2023	S.Y. Biotechnology	