

**VEL TECH HIGH TECH DR. RANGARAJAN DR. SAKUNTHALA ENGINEERING
COLLEGE**

DEPARTMENT OF BIOTECHNOLOGY

NEWSLETTER JUL TO SEP 2021

GUEST LECTURES

Lecture No 1: Climate Change and its Impact On Marine Environment & Biodiversity

Date: 3rd September 2021

Resource Person: Dr. S. V. Chandrasekar, (Retired) Principal Scientist Central Institute of Brackish water Aquaculture (ICAR-CIBA), Chennai

The Department of Biotechnology conducted a Guest Lecture on 3rd September 2021 on the topic “Climate Change and its Impact On Marine Environment & Biodiversity” by Dr. S. V. Chandrasekar, (Retired) Principal Scientist Central Institute of Brackish water Aquaculture (ICAR-CIBA), Chennai

He started the session with on how the marine environment gets affected due to climatic change and he also discussed on the importance of preserving marine environment to avoid major changes in the biodiversity.

Lecture No 2: Biotechnology Opportunities post Covid- 19 pandemic

Date: 9th September 2021

Resource Person: Dr. T. Charles John Baskar, Scientist & CEO, Geomarine Biotechnologies

The Department of Biotechnology conducted a Guest Lecture on 9th September 2021 on the topic “Biotechnology Opportunities post Covid- 19 pandemic” by Dr. T. Charles John Baskar, Scientist & CEO, Geomarine Biotechnologies

He started the session by giving lecture on the job opportunities for Biotechnology and other life sciences related fields in the current state. He also mentioned that many job opportunities has been created for many biotechnologists and so post pandemic will create many job and research opportunities for biotechnology students. He also encouraged students to improve and develop their knowledge in various biotechnological techniques and advised the students to utilize the opportunities well.

Lecture No 3: Life saving strategies

Date: 21st September 2021

Resource Person: Dr. Thiruppathi Chockalingam Registered Respiratory Therapist Ababil Healthcare Private Ltd, Chennai

The Department of Biotechnology conducted a Guest Lecture on 21st September 2021 on the topic “Life saving strategies” by Dr. Thiruppathi Chockalingam Registered Respiratory Therapist Ababil Healthcare Private Ltd, Chennai

He started the session by giving lecture on the importance of life saving strategies to be known and he emphasized that all individuals have to learn life saving strategies so that it will be helpful during the risky time.

Lecture No 4: National Level Awareness Program on Entrepreneurship

Date: 29th September 2021

Resource Person: Mr. J. S. Prabu, Faculty, National Small Industries Corporation Ltd., Chennai (A Govt. of India Enterprise)

The Department of Biotechnology conducted a Guest Lecture on 29th September 2021 on the topic “National Level Awareness Program on Entrepreneurship” by Mr. J. S. Prabu, Faculty, National Small Industries Corporation Ltd., Chennai (A Govt. of India Enterprise)

He addressed the students very enthusiastically and started interacting with students by sharing his experiences in entrepreneurship journey and discussed about the importance of entrepreneurship in student’s life.



Virtual Tour

Visit No 1: Animal Cell Culture and Handling Techniques

Date of Visit: 16th September 2021

The Department of Biotechnology arranged a Virtual Tour on Animal Cell Culture and Handling Techniques on 16th September 2021 by Dr. M. Ravi, Professor, Department of Human Genetics, Sri Ramachandra Institute of Higher Education and Research, Porur, Chennai for all the Students of Biotechnology.

Dr. M. Ravi displayed a visit on animal cell culture laboratory of Sri Ramachandra Institute of Higher Education and Research, Porur virtually. He started explaining the animal cell culture and by demonstrating certain techniques in his lab virtually and made students to understand the techniques

STUDENTS CORNER

Student Publications

S.NO	VH NO	Name	Semester	Article Title	Journal Name	Period of Publication	Indexing
1		G. Ishwarya, R.P. Harshini, V. Dhithya, V. Kanishka and K. Gomathi	Passed out (2016-2020) Batch	Advances in bio food packaging - An overview	Heliyon	September 2021	2.85 Scopus
2		A. Jayavarsha and Varsha Sunil	Passed out (2016-2020) Batch	Lipid bioproduction from delignified native grass (Cyperus distans) hydrolysate by Yarrowia lipolytica	Bioresource Technology	September 2021	9.64 Scopus

Student Participation in online webinars

S.NO	VH NO	Name	Semester	Conference/Seminar Title	Hosted by	Date and Venue
1	9891	Akshitha Sujan	5	Webinar on “Introduction to metabolic engineering – potential and scope.”	-	03.07.2021
2	9891	Akshitha Sujan	5	Webinar on “Introduction to lichens.”	-	07.07.2021
3	9902	Hema Madhuri. V	5	Webinar - Introduction to Metabolic Engineering: Potential and Scope		03.07.2021
4	9902	Hema Madhuri. V	5	Webinar - Nanomaterials for Biomedical Applications	MHRD-RUSA University of madras	14.08.2021
5	9905	Jasir M	5	Webinar – Mastering basic cell culture techniques	-	01.07.2021
6	9905	Jasir M	5	Expert Lecture- Nano approach to control the pathogens in biological mean	-	08.07.2021
7	9905	Jasir M	5	Webinar – Introduction to metabolic engineering: potential and scope	-	03.08.2021
8	9905	Jasir M	5	Webinar series – amgen biotechnology edge	-	25.09.2021 to 30.10.2021
9	9911	Maria Seela B	5	National webinar – Writing and publishing high impact scientific papers	-	07.08.2021
10	9911	Maria Seela B	5	Webinar – Nanomaterials for biomedical applications	MHRD-RUSA University of madras	14.08.2021
11	9912	Mohamed Hasan M.	5	Webinar – Role of higher education in entrepreneurship development in India	-	21.08.2021
12	9918	Prathisha .T	5	Webinar – Biomaterials	-	18.08.2021

13	9918	Prathisha .T	5	Webinar – Plant genomia – advance in chickpea improvement and impacts of varieties on chickpea production.	-	04.08.2021
14	9921	Priyasha T	5	Webinar – Biomaterials	-	18.08.2021
15	9921	Priyasha T	5	Webinar – Plant genomia – advance in chickpea improvement and impacts of varieties on chickpea production..	-	04.08.2021
16	9922	Rajamathanghi .R	5	Webinar - Cancer Genomics & Molecular Therapeutics	-	22-09-2021
17	9922	Rajamathanghi .R	5	Webinar on ICONIC STRUCTURE COMPETITION 2021	-	14-09-2021
18	9923	Rinish	5	Webinar on Nanobiomedicine		20.09.2021
19	9923	Rinish	5	Webinar on “clinical data management”	Learn to upgrade	04-09-2021
20	9936	Yesodhaa R	5	Webinar on nanomaterials for biomedical applications	MHRD-RUSA University of madras	14-08-21

Student Participations in Value Added Courses

S.NO	VH NO	Name	Semester	Workshop	Hosted by	Date and Venue
1	9898	Gayathri R	5	Course – Python for machine learning in medical science	-	July, 2021
2	9902	Hema Madhuri. V	5	Course - Basics of Oncology and Cancer Stem Cells	Institutue of Innovations	16.08.2021 to 30.08.2021
3	9902	Hema Madhuri. V	5	Course - An introduction to Root Cause Analysis Course for food business	Food Standard Agency, UK	18.08.2021 and 19.08.2021
4	9942	Kinza Fathima K	5	Food course in root cause analysis	Food Standard Agency, UK	August, 2021
5	9942	Kinza Fathima K	5	Food course in allergy and intolerance	Food Standard	August, 2021

					Agency, UK	
6	9918	Prathisha .T	5	Course – Root cause analysis for food business	Food Standard Agency, UK	15.08.2021
7	9921	Priyasha T	5	Course – Root cause analysis for food business	Food Standard Agency, UK	15.08.2021
8	9936	Yesodhaa R	5	Online course on food allergy and intolerance training	Food Standard Agency, UK	16-08-21
9	9936	Yesodhaa R	5	Online course on food labeling	Food Standard Agency, UK	18-08-21
10	9936	Yesodhaa R	5	An introduction to root cause analysis course for food business	Food Standard Agency, UK	22-08-21
11	9936	Yesodhaa R	5	Traceability e-learning course	-	25-08-21
12	9936	Yesodhaa R	5	E-course on fundamentals of respiratory care in COVID -19	-	04-07-21

Student Participations in Workshops- NIL

S.NO	VH NO	Name	Semester	Workshop	Hosted by	Date and Venue
1	9925	Gowtham	5	Workshop – On prominence of animals in research	-	10.07.2021
2	9902	Hema Madhuri. V	5	Workshop - Equilibrium Thinking for start-ups and Established Organizations	Vel Tech High Tech Dr.Rangarajan Dr.Sakunthala Engineering College	04.08.2021
3	9920	Priya Dharshini P.	5	Workshop – Prominence of animals in research	-	10.07.2021
4	9928	Shalini Shivakumar	5	Workshop on “ Two Weeks Workshop on	-	16.08.2021 – 28.08.2021

				Emerging Trends in The Field of Science And Technology “		
5	9931	Sneha U	4,5	Workshop on power excel- J	-	July 2021

Inplant Training

S. NO	VH no	Semester	Name	Company	Date
1	VH9902	IV	Hema Madhuri. V	Internship on Food Technology	06.08.2021 to 19.09.2021
2	VH9942	IV	Kinza Fathima. K		
3	VH9915	IV	Nivetha Shri. S		
4	VH9918	IV	Prathisha. T		
5	VH9921	IV	Priyasha. T		
6	VH9922	IV	Rajamathangi. R		
7	VH9929	IV	Shamitha. J		
8	VH9936	IV	Yesodhaa. R		
9	VH9914	IV	Neha. A	Malladi Drugs & Pharmaceuticals Ltd	08.07.2021 to 23.07.2021
10	VH9939	IV	Ruba. S		
11	VH9937	IV	Narmatha. T		
12	VH9892	V	Amarnath. N	Avigen Biotech	24.08.2021 to 28.08.2021
13	VH9910	V	Balachandrika. M. S		
14	VH9925	V	Gowtham. S. S		
15	VH9941	V	Jai vignesh. D		
16	VH9909	V	Karthikeyan. G		
17	VH9911	V	Maria seela. B		
18	VH9920	V	Priyadharshini. P		
19	VH9933	V	Tejaswini. M. K		
20	VH9893	V	Anitha. A	Exon Biociences	24.08.2021 to 07.09.2021
21	VH9903	V	Hemapriya. K. C		
22	VH9906	V	Jayathraa. R	Bionyme Laboratories	24.08.2021 to 31.08.2021
23	VH9936	V	Yesodhaa. R		
24	VH9937	IV	Narmatha. T	Apollo KH Hospital	30.07.2021 to 30.08.2021
25	VH9914	IV	Neha. A		
26	VH9900	V	Hariharan	Avigen Biotech	14.09.2021 to

27	VH9904	V	Immanuel Riches		20.09.2021
28	VH9931	V	Sneha. U	Ludifu HR	01.08.2021 to 30.08.2021

ALUMNI CORNER

Virtual Alumni Interaction

Alumni Name : Mr. R. Ranjith Kumar (Batch :2011 – 15), Spectrométrie de Masse Biologique & Protéomique Doctorant École supérieure de physique et de chimie industrielles de la Ville de Paris 10, rue Vauquelin , 75231 Paris Cedex 05, France

Date: 18th September 2021

FACULTY CORNER

Faculty Publications

S.N O	HT S NO	Name	Designation	Article Title	Journal Name	Period of Publication	Indexing
1	981	Dr. D. Yuvaraj	Professor and Dean SoBCE	Advances in bio food packaging - An overview	Heliyon	Sep 2021	SCI 2.85
2	981	Dr. D. Yuvaraj	Professor and Dean SoBCE	Lipid bioproduction from delignified native grass (Cyperus distans) hydrolysate by Yarrowia lipolytica	Bioresource Technology	Sep 2021	SCI 9.64
3	1342	Dr. R. Gnanasekaran	Assistant Professor and Head	Advances in bio food packaging - An overview	Heliyon	Sep 2021	SCI 2.85
4	1429	Dr. M. Gopinath	Associate Professor and Associate Dean, IIC	Lipid bioproduction from delignified native grass (Cyperus distans)	Bioresource Technology	Sep 2021	SCI 9.64

				hydrolysate by <i>Yarrowia lipolytica</i>			
5	1429	Dr. J. Iyyappan	Assistant Professor	Advances in bio food packaging - An overview	Heliyon	Sep 2021	SCI 2.85
6	1429	Dr. J. Iyyappan	Assistant Professor	Lipid bioproduction from delignified native grass (<i>Cyperus distans</i>) hydrolysate by <i>Yarrowia lipolytica</i>	Bioresource Technology	Sep 2021	SCI 9.64

Faculty Participation/Paper Presentations in Conferences and Seminars

S. NO	HTS NO	Name	Designation	Conference /Seminar Title	Hosted by	Date and Venue	Paper Title
1	1396	Dr. A. Sai Ramesh	Associate Professor	National Academia of Biological Sciences	Annamalai University	26.08.2021 to 28.08.2021	Synergistic effect study of aqueous extract (AqE) of <i>Tarenna asiatica</i> (L) and arjunolic acid on <i>Brucella melitenis</i> and in vitro cytotoxic study of lung adenocarcinomic cell line.

Faculty Participations in FDPs and Workshops

S.NO	HTS NO	Name	Designation	FDP/Workshop	Hosted by	Date and Venue
1	1429	Dr. M. Gopinath	Associate Professor and Associate Dean, IIC	Webinar series on Startup Journey Decoded	i4C	August
2	1396	Dr. A. Sai	Associate	ATAL FDP on	Indian	06.09.2021

		Ramesh	Professor	"Computer aided drug design in drug discovery"	Institute of Information Technology, Allahabad	to 10.09.2021
3	1396	Dr. A. Sai Ramesh	Associate Professor	Immunoinformatics Workshop	Decode Life	23.09.2021 to 24.09.2021
4	1490	Ms. M. Udayamathi	Assistant Professor	Preparatory Workshop on Waste, Energy and Environmental Audit (WEE-2021)	Sathyabama Institute of Science and Technology	July

Guest Speakers

S.NO	HTS NO	Name	Designation	Event	Hosted by	Date and Venue	Lecture on
1	981	Dr. D. Yuvaraj,	Professor and Dean SoBCE	CRD Quest-Series 3	Holy Cross College	30.08.2021	Research Publications: Way to Approach and Apprehend
2	981	Dr. D. Yuvaraj,	Professor and Dean SoBCE	CRD Quest-Series 4	Holy Cross College	31.08.2021	Understanding the Basics of Writing a Research Article
3	1429	Dr. M. Gopinath	Associate Professor and Associate Dean, IIC	FDP	ATAL Academy, Jeppiar Engineering College	02.08.2021 to 06.08.2021	Fermentation Technology and Biochemical Engineering

Faculty Awards

Dr. D. Yuvaraj, Professor and Dean SoBCE had received “ The Best Teacher “ award on the account of Teacher’s Day, 2021 organized by Education Today Publications and Kalvi Chutar



Dr. A. Sai Ramesh, Associate Professor has received the best oral presentation for the paper entitled “Synergistic effect study of aqueous extract (AqE) of *Tarenna asiatica* (L) and arjunolic acid on *Brucella melitenis* and in vitro cytotoxic study of lung adenocarcinomic cell line” Organized by National Academia of Biological Sciences, Annamalai University.