

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

**DEPARTMENT OF BIOTECHNOLOGY**

**NEWSLETTER JAN TO MAR 2021**

**GUEST LECTURES- 1**

Lecture No 1: Importance of Marine Biotechnology

Date: 19<sup>th</sup> March 2021

Resource Person: Dr. Naveen Namboothri

**Description Style-**

The Department of Biotechnology conducted a Guest Lecture on 19<sup>th</sup> March 2021 on the topic “Importance of Marine Biotechnology” by Dr. Naveen Namboothri, Director, Dakshin Foundation

He started the session with giving introduction about Dakshin Foundation and the research work carried out in that place. He also mentioned the importance of marine biotechnology which is utmost required in current scenario of scientific research. The knowledge and expertise of the resource person has benefited our students to inculcate their knowledge on this highly decorated field.

**STUDENTS CORNER (PHOTOS ARE WELCOME)**

**Students Publications**

S. No.	Student Name	Vh no	Year	Article Name	Journal Name	Year	Impact Factor
1	A. Jayavarsha and Varsha Sunil	8400 & 8424	Passed out (2016-2020)	Lipid bioproduct ion from delignified native grass (Cyperus distans) hydrolysate by Yarrowia lipolytica	Bioresource Technology	Mar 2021	SCI 9.64

2	A. Nandhini, P.R. Jaipreethi	7706 & 7720	(2015-2019)	Tyrosinase from <i>Sepiella inermis</i> (Van hasselt [Ferussac] and d"orbigny ]1835) and its phenol removal activity	Nature Environment and Pollution technology	Jan 2021	SCI 0.1
---	------------------------------	-------------	-------------	--	---	----------	---------

### Student Participation/Paper Presentations in Conferences and Seminars

S.NO	VH NO	Name	Semester	Conference/Seminar Title	Hosted by	Date and Venue	Paper Title
1	9142	V. Bhavani Poojitha,	08	VISAI 2021	Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology	24.02.2021	<b>Preparation and Characterization of Value Added Biodegradable Mulching Films from Domestic Waste</b>
2	9111	B. Harini	08	VISAI 2021	Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology	24.02.2021	<b>Preparation and Characterization of Value Added Biodegradable Mulching Films from Domestic Waste</b>
3	9928	Shalini Shivakumar	4	National Conference on "Community		10.02.2021	Participated

				Based Disaster Risk Assessment And Management “			
4	9352	Aanu Priya S	6	National Conference on "Progress and Promises in Chemical Sciences"	CHRIST University	23.03.2021 to 28.03.2021	Participated

### Student Participation in online Webinars

S.NO	VH NO	Name	Semester	Webinar	Hosted by	Date and Venue
1	9889	Aishwarya Lakshmi. T	4	Webinar on “COVID 19 vaccine and awareness of being vaccinated	Vels institute of Science	19.02.2021
2	9889	Aishwarya Lakshmi. T	4	Webinar on “Role of institutions innovation council at higher education institute”	Vel Tech High Tech Dr.Rangarajan Dr. Sakunthala Engineering College	22.03.2021
3	9891	Akshitha Sujan	4	Webinar on “COVID 19 vaccine and awareness of being vaccinated.”	Vels institute of Science	19.02.2021
4	9892	Amarnath. N	4	Webinar on “COVID 19 vaccine and awareness of being vaccinated.”	Vels institute of Science	19.02.2021
5	9886	Arun Raja. R	4	Webinar on “ Role of Institution innovation council at higher	Vel Tech High Tech Dr.Rangarajan Dr. Sakunthala Engineering College	22.02.2021

				education institute”		
6	9896	Charumathi R	4	Webinar on “Role of institutions innovation council at higher education institute”	Vel Tech High Tech Dr.Rangarajan Dr. Sakunthala Engineering College	22.03.2021
7	9896	Charumathi R	4	Webinar – Business model canvas	Vel Tech High Tech Dr.Rangarajan Dr. Sakunthala Engineering College	25.03.2021
8	9897	Ebine Joel. S.C	4	Webinar on “COVID 19 vaccine and awareness of being vaccinated”	Vels institute of Science	19.02.2021
9	9897	Ebine Joel. S.C	4	Webinar on “Role of institutions innovation council at higher education institute”	Vel Tech High Tech Dr.Rangarajan Dr. Sakunthala Engineering College	22.03.2021
10	9898	Gayathri R	4	Webinar on “COVID 19 vaccine and awareness of being vaccinated”	Vels institute of Science	19.02.2021
11	9898	Gayathri R	4	Webinar on – Microsoft AI classroom series	Microsoft	11.03.2021
12	9898	Gayathri R	4	Webinar on “Role of institutions innovation council at higher education institute”	Vel Tech High Tech Dr.Rangarajan Dr. Sakunthala Engineering College	22.03.2021
13	9925	Gowtham	4	Webinar – Qualitative detection of pathogens using	-	09.01.2021

				real-time PCR covid.19 perspective		
14	9902	Hema Madhuri. V	4	Webinar - Role of Institution's Innovation Council at Higher Education Institute	Vel Tech High Tech Dr.Rangarajan Dr. Sakunthala Engineering College	22.03.2021
15	9941	Jai Vignesh	4	Webinar on "Role of institutions innovation council at higher education institute"	Vel Tech High Tech Dr.Rangarajan Dr. Sakunthala Engineering College	22.03.2021
16	9942	Kinza Fathima K	4	Webinar on "COVID 19 vaccine and awareness of being vaccinated"	Vels institute of Science	19.02.2021
17	9942	Kinza Fathima K	4	Webinar on "Role of institutions innovation council at higher education institute"	Vel Tech High Tech Dr.Rangarajan Dr. Sakunthala Engineering College	22.03.2021
18	9911	Maria Seela B	4	Webinar on "COVID 19 vaccine and awareness of being vaccinated"	Vels institute of Science	19.02.2021
19	9911	Maria Seela B	4	Webinar on "Role of institutions innovation council at higher education institute"	Vel Tech High Tech Dr.Rangarajan Dr. Sakunthala Engineering College	22.03.2021
20	9912	Mohamed Hasan M.	4	Webinar on "COVID 19"	Vels institute of Science	19.02.2021

				vaccine and awareness of being vaccinated		
21	9912	Mohamed Hasan M.	4	Workshop – intellectual property rights and IP Management for biotechnology startup firm	Vel Tech High Tech Dr.Rangarajan Dr. Sakunthala Engineering College	17.03.2021
22	9912	Mohamed Hasan M.	4	Online orientation – Role of institutions innovation council at higher education institute	Vel Tech High Tech Dr.Rangarajan Dr. Sakunthala Engineering College	22.03.2021
23	9913	Mugunthan B	4	Webinar on “Role of institutions innovation council at higher education institute”	Vel Tech High Tech Dr.Rangarajan Dr. Sakunthala Engineering College	22.03.2021
24	9913	Mugunthan B	4	Webinar on “COVID 19 vaccine and awareness of being vaccinated	Vels institute of Science	19.02.2021
25	9937	Narmatha	4	Webinar on “COVID 19 vaccine and awareness of being vaccinated	Vels institute of Science	19.02.2021
26	9914	Neha A.	4	Webinar on “COVID 19 vaccine and awareness of being vaccinated	Vels institute of Science	19.02.2021
27	9915	Nivetha Shri S.	4	Webinar on “COVID 19	Vels institute of Science	19.02.2021

				vaccine and awareness of being vaccinated		
28	9915	Nivetha Shri S.	4	Webinar on “Role of institutions innovation council at higher education institute”	Vel Tech High Tech Dr.Rangarajan Dr. Sakunthala Engineering College	22.03.2021
29	9918	Prathisha .T	4	Webinar on “COVID 19 vaccine and awareness of being vaccinated	Vels institute of Science	19.02.2021
30	9918	Prathisha .T	4	Webinar on “Role of institutions innovation council at higher education institute”	Vel Tech High Tech Dr.Rangarajan Dr. Sakunthala Engineering College	22.03.2021
31	9918	Prathisha .T	4	Webinar – Plant genomia – nutritionally enhanced cereals for food and nutritional security	-	24.01.2021
32	9920	Priya Dharshini P.	4	Webinar – Qualitative detection of pathogens using realtime PCR – COVID – 19 perspective	-	09.01.2021
33	9921	Priyasha T	4	Webinar on “COVID 19 vaccine and awareness of being vaccinated	Vels institute of Science	19.02.2021
34	9921	Priyasha T	4	Webinar on “Role of institutions innovation council at higher	Vel Tech High Tech Dr.Rangarajan Dr. Sakunthala Engineering College	22.03.2021

				education institute”		
35	9921	Priyasha T	4	Webinar – Plant genomia – nutritionally enhanced cereals for food and nutritional security	-	24.01.2021
36	9922	Rajamathanghi .R	4	Webinar on “COVID 19 vaccine and awareness of being vaccinated	Vels institute of Science	19.02.2021
37	9922	Rajamathanghi .R	4	Role of Institution’s Innovation Council at Higher Education Institute”	Vel Tech High Tech Dr.Rangarajan Dr. Sakunthala Engineering College	22-03-2021
38	9927	Sesvi D	4	Webinar on Role of institution innovation council	Vel Tech High Tech Dr.Rangarajan Dr. Sakunthala Engineering College	22-03-2021
39	9927	Sesvi D	4	Webinar on COVID 19 vaccine and awareness of being vaccinated	Vels institute of Science	19.02.2021
40	9928	Shalini Shivakumar	4	Webinar on Food, Livelihood And Human Securityin Disaster Risk Reduction.	-	17.02.2021 – 19.02.2021
41	9928	Shalini Shivakumar	4	Webinar on Nutritionally Enanced Cereals For Food And Nutrition Security “.	-	24.01.2021
42	9928	Shalini Shivakumar	4	Webinar on “VACCINE TECHNOLOGY	Vels institute of Science	19.02.2021



				COVID – 19.”		
43	9936	Yesodhaa R	4	International webinar on COVID -19 vaccination and awareness held	Vels institute of Science	19-02-21
44	9936	Yesodhaa R	4	Microsoft AI classroom workshop	Microsoft	09-03-21
45	9936	Yesodhaa R	4	National webinar on climate change, agriculture, and disaster management held	-	26-02-21
46	9936	Yesodhaa R	4	International webinar on the role of innovation institutions and higher education held on	-	22-03-21
47	9352	Aanupriya. S	6	Webinar on " An Awareness Program on Series on Advanced Science : Nanoscience and Nanotechnology”	University of Madras	27.02.2021
48	9352	Aanupriya. S	6	Webinar on " Use of Laboratory Animals for Bio-Medical Research"	VIT university	30.01.2021
49	9352	Aanupriya. S	6	Webinar on.“Nutritional Enhanced Cereals for Food and Nutrition Security”	Plantgenomia	24.01.2021

50	9352	Aanupriya. S	6	Webinar on "Breeding for Efficient Root System for Water and Nutrient uptake in Crops"	Plantgenomia	21.01.2021
51	9352	Aanupriya. S	6	Webinar on "Qualitative Detection of Pathogen using Real Time PCR - Covid'19 Perspective"	SRM University	09.01.2021

#### Student Participations in Workshops-

S.NO	VH NO	Name	Semester	Workshop	Hosted by	Date and Venue
1	9896	Charumathi R	4	Workshop - Intellectual property rights and IP management for biotechnology start-up firm	-	17.03.2021
2	9912	Mohamed Hasan M.	4	Workshop – intellectual property rights and IP Management for biotechnology startup firm	-	17.03.2021
3	9920	Priya Dharshini P.	4	Workshop- computer aided drug discovery.	-	05.01.2021 and 06.01.2021
4	9925	Gowtham	4	National workshop on Computer aided drug discovery	-	05.01.2021 and 06.01.2021
5	9906	Jayathraa R	4	Virtual workshop - - Intellectual property rights and IP management for biotechnology start-up firm	-	17.03.2021
6	9352	Aanupriya. S	6	Workshop on “Research Methodology”	IIT Madras	31.03. 2021
7	9352	Aanupriya. S	6	Workshop “Springer Author”	IIT Madras	28.03.2021
8	9352	Aanupriya. S	6	Workshop on “Science Illustration and Infographic”	IIT Madras	27.03.2021

9	9352	Aanupriya. S	6	Workshop on “Intellectual Property Rights and IP Management for Biotechnology Start-up Firm”	Vel Tech High Tech Dr.Rangarajan Dr.Sakunthala Engineering College	17.032021.
---	------	--------------	---	--	--	------------

### GATE cleared students

S.NO	VH NO	Name	Semester	GATE score
1	VH 9156	Vigneshwar. S	08	26.67
2	VH 9131	Vishnu Priya. V	08	52

### STUDENT AWARDS

Harini. B, Bhavani Poojitha have won second prize in the paper presentation entitled **“Preparation and Characterization of Value Added Biodegradable Mulching Films from Domestic Waste”** in VISAI 2021 on 24<sup>th</sup> Feb 2021 hosted by Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology



Harini. B



Bhavani Poojitha. V

### Faculty Participation/Paper Presentations in Conferences and Seminars-

S . N O	HTS NO	Name	Designation	Conference/Seminar Title	Hosted by	Date and Venue	Paper Title
1	1490	Ms. M. Udayamathi	Asst. Prof	VISAI 2021	Vel Tech Rangarajan Dr. Sagunthal	24.02.2021	<b>Preparation and Characterization of Value</b>

					a R & D Institute of Science and Technolog y		<b>Added Biodegradabl e Mulching Films from Domestic Waste</b>
--	--	--	--	--	---	--	--

### Faculty Participations in FDPs and Workshops

S.NO	HTS NO	Name	Designation	FDP/Workshop	Hosted by	Date and Venue
1	1396	Dr. A. Sai Ramesh	Associate Professor	FDP on Data Sciences	AICTE – ATAL	Jan 18 – Jan 22, 2021
2	1396	Dr. A. Sai Ramesh	Associate Professor	FDP on Team Building and Coordination	AICTE – ATAL	Feb 15 – Feb 19, 2021
3	1490	Ms. M. Udayamathi	Assistant Professor	FDP on Recent Advancement In Biotechnological Research	KVCET	03.01.2021
4	1490	Ms. M. Udayamathi	Assistant Professor	FDP on Precision Medicine	DY Patil University	19.01.2021 to 23.01.2021
5	1503	Ms. R. Hanisha	Assistant Professor	FDP on Recent Advancement In Biotechnological Research	KVCET	03.01.2021

### Faculty Publications

S.N O	HTS NO	Name	Designati on	Article Title	Journal Name	Period of Publication	Indexing
1	981	Dr. D. Yuvaraj,	Professor and Dean SoBCE	Tyrosinase from <i>Sepiella inermis</i> (Van hasselt [Ferussac] and d"orbigny ]1835) and its phenol	Nature Environment and Pollution technology	Jan 2021	Scopus 0.1

				removal activity			
2	1342	Dr. R. Gnanasekaran	Assistant Professor and Head	Recovery of Valuable Metals from Waste Printed Circuit Board using Organic Acid Synthesized by <i>Aspergillus niveus</i>	IET Nanobiotechnology	Feb 2021	Scopus 1.847
3	981	Dr. D. Yuvaraj,	Professor and Dean SoBCE	Lipid bioproducti on from delignified native grass ( <i>Cyperus distans</i> ) hydrolysate by <i>Yarrowia lipolytica</i>	Bioresource Technology	Mar 2021	Scopus 9.642
4	1429	Dr. M. Gopinath	Associate Professor	Lipid bioproducti on from delignified native grass ( <i>Cyperus distans</i> ) hydrolysate by <i>Yarrowia lipolytica</i>	Bioresource Technology	Mar 2021	Scopus 9.642
5	1176	Dr. J. Iyyappan	Assistant Professor	Lipid bioproducti on from delignified native grass ( <i>Cyperus distans</i> ) hydrolysate by <i>Yarrowia lipolytica</i>	Bioresource Technology	Mar 2021	Scopus 9.642

## **Faculty Awards**

Ms. M. Udayamathi, Assistant Professor has won second prize in the paper presentation entitled **“Preparation and Characterization of Value Added Biodegradable Mulching Films from Domestic Waste”** in **VISAI 2021 on 24<sup>th</sup> Feb 2021 hosted by Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology.**

Our students utilized the lockdown period well and attended many online webinars and workshops on streams related to Covid-19 which helped the students to gain more knowledge on Covid-19 and related studies. Many Students have shown good interest in attending all possible online webinars and workshops which facilitated them with good exposure and skills in various fields. Students of final year (2017-2021 batch), Harini. B and Bhavani Poojitha. V attended an International Conference VISAI, 2021 and won second prize in the same. Furthermore, our passed out students, Jaya Varsha. A, Varsha Sunil, Nandhini. A, Jai Preethi. P. R have published their research works in reputed high impact journals. Our faculty have progressed well in publishing research papers, attending National level FDPs and workshops to polish their skills further.