

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

**DEPARTMENT OF BIOTECHNOLOGY**

**NEWSLETTER APR TO JUN 2021**

**STUDENTS CORNER**

**Student Publications**

S.NO	VH NO	Name	Semester	Article Title	Journal Name	Period of Publication	Indexing
1.	8397 & 8439	A. Annushrie & M. Niranjana	Passed out (2016-2020)	A review on process and characterization of mussels and cirripeds for adhesive properties and applications thereof	Current Research in Green and Sustainable Chemistry	April 2021	Scopus

**Student Participation in Online Webinars**

S.NO	VH NO	Name	Semester	Webinar	Hosted by	Date and Venue
1	10663	Kaarthikeyan	2	Webinar on “Thermoelectrical material of energy harvesting”		20-05-21
2	10674	Reethika devi V.A.S	2	Webinar on “Thermoelectrical material of energy harvesting		20-05-21
3	10663	Kaarthikeyan	2	Webinar on “An overview on recent advances of biotechnology in medical science “		16-06-21
4	9889	Aishwarya Lakshmi. T	4	Webinar on “vaccine technology on covid-19”	Sathyabama university	31.05.2021

5	9889	Aishwarya Lakshmi. T	4	Employment or skills enhancement program - “An overview on Recent advances of Biotechnology in medical sciences”	-	18.06.2021
6	9892	Amarnath. N	4	Webinar on – Animal cell culture and handling techniques.	Vel Tech High Tech Dr.Rangarajan Dr. Sakunthala Engineering College	03.04.2021
7	9892	Amarnath. N	4	Webinar on – An overview on recent advances of biotechnology in medical sciences	-	18.06.2021
8	9896	Charumathi R	4	Webinar on – Animal cell culture and handling techniques.	Vel Tech High Tech Dr.Rangarajan Dr. Sakunthala Engineering College	03.04.2021
9	9897	Ebine Joel. S.C	4	Webinar on “vaccine technology on covid-19”	Sathyabama university	31.05.2021
10	9898	Gayathri R	4	Webinar on – Animal cell culture and handling techniques.	Vel Tech High Tech Dr.Rangarajan Dr. Sakunthala Engineering College	03.04.2021
11	9898	Gayathri R	4	Webinar on “vaccine technology on covid-19”	Sathyabama university	31.05.2021
12	9898	Gayathri R	4	Webinar on – An overview on recent advances of biotechnology in medical sciences	-	18.06.2021
13	9925	Gowtham	4	Webinar on digital skills - AI		03.05.2021
14	9902	Hema	4	Webinar - Automated	RedShift Bio	09.06.2021

		Madhuri. V		IR Spectroscopy for Analysis of Protein Pharmaceuticals		
15	9902	Hema Madhuri. V	4	Employment Skill Enhancement Program - An overview of recent advances of biotechnology in Medical sciences.	Vel Tech High Tech Dr.Rangarajan Dr. Sakunthala Engineering College	18.06.2021
16	9941	Jai Vignesh	4	Webinar – Animal cell culture and handling techniques	Vel Tech High Tech Dr.Rangarajan Dr. Sakunthala Engineering	03.04.2021
17	9941	Jai Vignesh	4	Webinar on – An overview on recent advances of biotechnology in medical sciences	-	18.06.2021
18	9905	Jasir M	4	Webinar – Role of Cov-2 serology in a vaccinated world	-	23.06.2021
19	9905	Jasir M	4	Lecture series – Molecular biology	-	01.06.2021 to 05.08.2021
20	9905	Jasir M	4	Lecture series – cell mechanics	-	07.06.2021 to 30.08.2021
21	9942	Kinza Fathima K	4	Webinar – Recent Trends in Genetic Engineering and Biotechnology	-	12.04.2021
22	9942	Kinza Fathima K	4	Webinar – Vaccine technology	Sathyabama university	31.05.2021
23	9911	Maria Seela B	4	Webinar – Animal cell culture and handling techniques	Vel Tech High Tech Dr.Rangarajan Dr. Sakunthala Engineering	03.04.2021
24	9912	Mohamed Hasan M.	4	Webinar on – Animal cell culture and handling techniques.	Vel Tech High Tech Dr.Rangarajan	03.04.2021

					Dr. Sakunthala Engineering College	
25	9912	Mohamed Hasan M.	4	Webinar on “vaccine technology on covid-19”	Sathyabama university	31.05.2021
26	9913	Mugunthan B	4	Employment or skills enhancement program - “An overview on Recent advances of Biotechnology in medical sciences”	-	18.06.2021
27	9913	Mugunthan B	4	Webinar on – Animal cell culture and handling techniques.	Vel Tech High Tech Dr.Rangarajan Dr. Sakunthala Engineering College	03.04.2021
28	9913	Mugunthan B	4	Webinar on “vaccine technology on covid-19”	Sathyabama university	31.05.2021
29	9937	Narmatha	4	Webinar on – Animal cell culture and handling techniques.	Vel Tech High Tech Dr.Rangarajan Dr. Sakunthala Engineering College	03.04.2021
30	9914	Neha A.	4	Webinar on – Animal cell culture and handling techniques.	Vel Tech High Tech Dr.Rangarajan Dr. Sakunthala Engineering College	03.04.2021
31	9915	Nivetha Shri S.	4	Webinar on – Animal cell culture and handling techniques.	Vel Tech High Tech Dr.Rangarajan Dr. Sakunthala Engineering College	03.04.2021
32	9915	Nivetha Shri S.	4	Employment or skills enhancement program	-	18.06.2021

				- “An overview on Recent advances of Biotechnology in medical sciences”		
33	9918	Prathisha .T	4	Webinar on – Animal cell culture and handling techniques.	Vel Tech High Tech Dr.Rangarajan Dr. Sakunthala Engineering College	03.04.2021
34	9918	Prathisha .T	4	Webinar on “vaccine technology on covid-19”	Sathyabama university	31.05.2021
35	9918	Prathisha .T	4	Employment or skills enhancement program - “An overview on Recent advances of Biotechnology in medical sciences”	-	18.06.2021
36	9921	Priyasha T	4	Webinar on – Animal cell culture and handling techniques.	Vel Tech High Tech Dr.Rangarajan Dr. Sakunthala Engineering College	03.04.2021
37	9921	Priyasha T	4	Webinar on “vaccine technology on covid-19”	Sathyabama university	31.05.2021
38	9921	Priyasha T	4	Employment or skills enhancement program - “An overview on Recent advances of Biotechnology in medical sciences”	-	18.06.2021
39	9922	Rajamathanghi .R	4	Webinar on – Animal cell culture and handling techniques.	Vel Tech High Tech Dr.Rangarajan Dr. Sakunthala Engineering College	03.04.2021
40	9922	Rajamathanghi .R	4	Webinar on “vaccine technology on covid-19”	Sathyabama university	31.05.2021

41	9922	Rajamathanghi .R	4	Employment or skills enhancement program - "An overview on Recent advances of Biotechnology in medical sciences"	-	18.06.2021
42	9922	Rajamathanghi .R	4	International Webinar on "COVID-19 Vaccine and Awareness of being Vaccinated"	Vels institute of Science	31-05-2021
43	9927	Sesvi D	4	Webinar on – Animal cell culture and handling techniques.	Vel Tech High Tech Dr.Rangarajan Dr. Sakunthala Engineering College	03.04.2021
44	9928	Shalini Shivakumar	4	National Webinar On " Exploring Real Time Technology "		31.05.2021
45	9936	Yesodhaa R	4	Webinar on the idea to the entrepreneur	-	10-04-21
46	9936	Yesodhaa R	4	Virtual field exposure on IoT techniques	-	12-04-21
47	9936	Yesodhaa R	4	Webinar on innovation and start-up enablers held	-	22-05-21
48	9936	Yesodhaa R	4	Webinar on – Animal cell culture and handling techniques.	Vel Tech High Tech Dr.Rangarajan Dr. Sakunthala Engineering College	03.04.2021
49	9936	Yesodhaa R	4	Webinar on "vaccine technology on covid-19"	Sathyabama university	31.05.2021
50	9936	Yesodhaa R	4	Webinar on entrepreneurship awareness program	-	10-06-21
51	9352	Aanu Priya S.	6	Webinar on " Digital Pathology and Pathology Informatics	MANAV - Human Atlas	17th June 2021.

				and Deep Learning Applications"	Initiative	
52	9352	Aanu Priya S.	6	Webinar on" An overview of recent advances of biotechnology in medical science"	Vel tech high Tech Dr.rangarajan DR.sakunthala Engineering ofcollege	18.06.2021
53	9352	Aanu Priya S.	6	Webinar on " How do Atomistic Simulations capture Bio-molecules in Action?"	Vel Tech University	10.06.2021.
54	9352	Aanu Priya S.	6	Webinar on "Vaccine Technology - Covid-19"	Sathyabama Institute of Science and Technology	31.05.2021.
55	9352	Aanu Priya S.	6	Webinar on" Social Entrepreneurship for College Students"	Patrician College of Arts and Science	26.05.2021.
56	9352	Aanu Priya S.	6	Webinar on "Randomness in Biological Evolution"	MANAV - Human Atlas Initiative	13.05.2021.
57	9352	Aanu Priya S.	6	Webinar on" Recent Trends in Genetic Engineering and Biotechnology"	Vikrama Simhapuri University	16.04.2021.
58	9352	Aanu Priya S.	6	Webinar on" Raman Spectroscopic Studies on Material Research"	University of Madras	15.04.2021
59	9352	Aanu Priya S.	6	Webinar on " Animal Cell Culture and Handling Techniques"	Vel Tech High Tech Dr.Rangarajan Dr.Sakunthala Engineering of college	3.04.2021.
60	9352	Aanu Priya S.	6	Webinar on "Computational Gastronomy - A	MANAV - Human Atlas Initiative	1.04.2021.

				Datascience Approach to Food”		
61	9352	Aanu Priya S.	6	Webinar on " Digital Pathology and Pathology Informatics and Deep Learning Applications"	MANAV - Human Atlas Initiative	17.06.2021.
62	9352	Aanu Priya S.	6	Webinar on" An overview of recent advances of biotechnology in medical science"	Vel Tech High Tech Dr.Rangarajan Dr.Sakunthala Engineering of college	18.06.2021

### Student Participations in Workshops

S.NO	VH NO	Name	Semester	Workshop	Hosted by	Date and Venue
1	9905	Jasir M	4	Virtual workshop – Mammalian cell culture	-	11.06.2021

### Student Participation in Value Added Courses

S. NO.	VH NO.	STUDENT NAME	Semester	VAC	Hosted by	Date
1	VH9889	Aadharshini S	4	Course on Clinical Research	Deepam Hospital	05.04.2021 – 05.05.2021
2	VH9890	Aishwarya Lakshmi T	4	Course on Clinical Research	Deepam Hospital	05.04.2021 – 05.05.2021
3	VH9891	Akshitha Sujan S	4	Course on Clinical Research	Deepam Hospital	05.04.2021 – 05.05.2021
4	VH9892	Amarnath N	4	Course on Clinical Research	Deepam Hospital	05.04.2021 – 05.05.2021
5	VH9940	Anandha Sayanan T	4	Course on Clinical Research	Deepam Hospital	05.04.2021 – 05.05.2021
6	VH9893	Anitha A	4	Course on Clinical Research	Deepam Hospital	05.04.2021 – 05.05.2021
7	VH9886	Arunraja R	4	Course on Clinical Research	Deepam Hospital	05.04.2021 – 05.05.2021
8	VH9910	Balachandrikaa Ms	4	Course on Clinical Research	Deepam Hospital	05.04.2021 –



S. NO.	VH NO.	STUDENT NAME	Semester	VAC	Hosted by	Date
						05.05.2021
9	VH9896	Charumathi R	4	Course on Clinical Research	Deepam Hospital	05.04.2021 – 05.05.2021
10	VH9897	Ebine Joel S C	4	Course on Clinical Research	Deepam Hospital	05.04.2021 – 05.05.2021
11	VH9898	Gayathri R	4	Course on Clinical Research	Deepam Hospital	05.04.2021 – 05.05.2021
12	VH9925	Gowtham S S	4	Course on Clinical Research	Deepam Hospital	05.04.2021 – 05.05.2021
13	VH9899	Gugan V	4	Course on Clinical Research	Deepam Hospital	05.04.2021 – 05.05.2021
14	VH9900	Hariharan K	4	Course on Clinical Research	Deepam Hospital	05.04.2021 – 05.05.2021
15	VH9902	Hema Madhuri V	4	Course on Clinical Research	Deepam Hospital	05.04.2021 – 05.05.2021
16	VH9904	Immanuel Riches S	4	Course on Clinical Research	Deepam Hospital	05.04.2021 – 05.05.2021
17	VH9941	Jaivignesh D	4	Course on Clinical Research	Deepam Hospital	05.04.2021 – 05.05.2021
18	VH9905	Jasir M	4	Course on Clinical Research	Deepam Hospital	05.04.2021 – 05.05.2021
19	VH9906	Jayathraa R	4	Course on Clinical Research	Deepam Hospital	05.04.2021 – 05.05.2021
20	VH9907	Jeswin Roy S	4	Course on Clinical Research	Deepam Hospital	05.04.2021 – 05.05.2021
21	VH9887	Jones Rebacca S	4	Course on Clinical Research	Deepam Hospital	05.04.2021 – 05.05.2021
22	VH9909	Karthikeyan G	4	Course on Clinical Research	Deepam Hospital	05.04.2021 – 05.05.2021
23	VH9942	Kinza Fathima K	4	Course on Clinical Research	Deepam Hospital	05.04.2021 – 05.05.2021
24	VH9911	Maria Seela B	4	Course on Clinical Research	Deepam Hospital	05.04.2021 – 05.05.2021
25	VH9912	Mohamed Hasan M	4	Course on Clinical Research	Deepam Hospital	05.04.2021 –

S. NO.	VH NO.	STUDENT NAME	Semester	VAC	Hosted by	Date
						05.05.2021
26	VH9913	Mugunthan B	4	Course on Clinical Research	Deepam Hospital	05.04.2021 – 05.05.2021
27	VH9937	Narmatha T	4	Course on Clinical Research	Deepam Hospital	05.04.2021 – 05.05.2021
28	VH9914	Neha A	4	Course on Clinical Research	Deepam Hospital	05.04.2021 – 05.05.2021
29	VH9915	Nivetha Shri S	4	Course on Clinical Research	Deepam Hospital	05.04.2021 – 05.05.2021
30	VH9888	Pavithra V	4	Course on Clinical Research	Deepam Hospital	05.04.2021 – 05.05.2021
31	VH9916	Pavithran P	4	Course on Clinical Research	Deepam Hospital	05.04.2021 – 05.05.2021
32	VH9917	Pon Vathani P	4	Course on Clinical Research	Deepam Hospital	05.04.2021 – 05.05.2021
33	VH9918	Prathisha T	4	Course on Clinical Research	Deepam Hospital	05.04.2021 – 05.05.2021
34	VH9919	Preethi Meena K	4	Course on Clinical Research	Deepam Hospital	05.04.2021 – 05.05.2021
35	VH9920	Priya Dharshini P	4	Course on Clinical Research	Deepam Hospital	05.04.2021 – 05.05.2021
36	VH9921	Priyasha T	4	Course on Clinical Research	Deepam Hospital	05.04.2021 – 05.05.2021
37	VH9922	Rajamanthangi R	4	Course on Clinical Research	Deepam Hospital	05.04.2021 – 05.05.2021
38	VH9923	Rinish M	4	Course on Clinical Research	Deepam Hospital	05.04.2021 – 05.05.2021
39	VH9924	Roshni M	4	Course on Clinical Research	Deepam Hospital	05.04.2021 – 05.05.2021
40	VH9939	Ruba S	4	Course on Clinical Research	Deepam Hospital	05.04.2021 – 05.05.2021
41	VH9927	Sesvi D	4	Course on Clinical Research	Deepam Hospital	05.04.2021 – 05.05.2021
42	VH9929	Shamitha J	4	Course on Clinical Research	Deepam Hospital	05.04.2021 –

S. NO.	VH NO.	STUDENT NAME	Semester	VAC	Hosted by	Date
						05.05.2021
43	VH9931	Sneha U	4	Course on Clinical Research	Deepam Hospital	05.04.2021 – 05.05.2021
44	VH9930	Sneha Nair V	4	Course on Clinical Research	Deepam Hospital	05.04.2021 – 05.05.2021
45	VH9932	Surekha P	4	Course on Clinical Research	Deepam Hospital	05.04.2021 – 05.05.2021
46	VH9933	Tejaswini M K	4	Course on Clinical Research	Deepam Hospital	05.04.2021 – 05.05.2021
47	VH9934	Udhaya Sankar K	4	Course on Clinical Research	Deepam Hospital	05.04.2021 – 05.05.2021
48	VH993	Varadharaj P	4	Course on Clinical Research	Deepam Hospital	05.04.2021 – 05.05.2021
49	VH9935	Vidya Sree S	4	Course on Clinical Research	Deepam Hospital	05.04.2021 – 05.05.2021
50	VH9936	Yesodhaa R	4	Course on Clinical Research	Deepam Hospital	05.04.2021 – 05.05.2021

### Inplant Training-

S.NO	VH NO	Name	Semester	Company Name	Date Attended
1	VH9914	Neha. A	III	Armats Biotek Training and Research Institute	12.06.18-18.06.18
2	VH9937	Narmatha. T	III	Armats Biotek Training and Research Institute	12.06.18-18.06.18
3	VH9939	Ruba. S	III	Armats Biotek Training and Research Institute	12.06.18-18.06.18

### Student Project Proposals- 1

S.NO	VH NO	Name	Semester	Project Title	Guided by	Submitted to(Funding Agency)
1	9142	Ms. V. Bhavani Poojitha	08	<b>Preparation and Validation of Value Added Biodegradable</b>	Ms. M. Udayamathi	Veltech-TBI

				<b>Mulching Films from Domestic Waste</b>		
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### Student Entrepreneurship

Our final year student Ms. V. Bhavani Poojitha has been shortlisted in the Vel Tech TBI and started her career as an Entrepreneur



### 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	A review on process and characterization of mussels and cirripeds for adhesive properties and applications thereof	Current Research in Green and Sustainable Chemistry	Apr 2021	Scopus
2	981	Dr. D. Yuvaraj,	Professor and Dean SoBCE	Agrobacterium-mediated Transformation and Gus Gene Expression in Amaranthuscaudatus	Annals of the Romanian Society for Cell Biology	Apr 2021	Scopus 0.03
3	1342	Dr. R. Gnanasekaran	Assistant Professor and Head	A review on process and characterization of mussels and	Current Research in Green and	Apr 2021	Scopus

				cirripeds for adhesive properties and applications thereof	Sustainable Chemistry		
4	1429	Dr. M. Gopinath	Associate Professor and Associate Dean, IIC	A review on process and characterization of mussels and cirripeds for adhesive properties and applications thereof	Current Research in Green and Sustainable Chemistry	Apr 2021	Scopus
	1429	Dr. M. Gopinath	Associate Professor and Associate Dean, IIC	Anti-skin cancer activity of <i>Alpinia calcarata</i> ZnO nanoparticles: Characterization and potential antimicrobial effects	Journal of Drug Delivery Science and Technology	Apr 2021	Scopus & SCI 3.981
6	1176	Dr. J. Iyyappan	Assistant Professor	A review on process and characterization of mussels and cirripeds for adhesive properties and applications thereof	Current Research in Green and Sustainable Chemistry	Apr 2021	Scopus

#### Faculty Participations in FDPs and Workshops

S.NO	HTS NO	Name	Designation	FDP/Workshop	Hosted by	Date and Venue
1	1342	Dr. R.	Assistant	AICTE sponsored	SVCE	19.04.2021 -

		Gnanasekaran	Professor and Head	Short Term Training Programme on Functional Metagenomics and Bioprocessing of Therapeutic Enzymes		24.04.2021
2	1429	Dr. M. Gopinath	Associate Professor and Associate Dean, IIC	AICTE sponsored Short Term Training Programme on Functional Metagenomics and Bioprocessing of Therapeutic Enzymes	SVCE	19.04.2021 - 24.04.2021
3	1429	Dr. M. Gopinath	Associate Professor and Associate Dean, IIC	FDP on Innovation Incubation Start-ups & Research Challenges in India	Idhaya Engineering College for Women	07.06.2021– 11.06.2021
4	1176	Dr. J. Iyyappan	Assistant Professor	AICTE sponsored Short Term Training Programme on Functional Metagenomics and Bioprocessing of Therapeutic Enzymes	SVCE	19.04.2021 - 24.04.2021
5	1490	Ms. M. Udayamathi	Assistant Professor	AICTE sponsored Short Term Training Programme on Functional Metagenomics and Bioprocessing of Therapeutic Enzymes	SVCE	19.04.2021 - 24.04.2021
6	1503	Ms. R. Hanisha	Assistant Professor	AICTE sponsored Short Term Training Programme on Functional	SVCE	19.04.2021 - 24.04.2021

				Metagenomics and Bioprocessing of Therapeutic Enzymes		
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### 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	FDP on Pedagogy and Research methods	AMET University	26.05.2021	Recent Trends on Pedagogy

Our students utilized the lockdown period well and attended many online webinars, workshops and Value Added Courses on streams related to Cell line techniques, clinical research, etc. which helped the students to gain more knowledge on techniques related to biotechnology. Our final year student (2017-2021 batch) Bhavani Poojitha. V submitted her final year project guided by Ms. M. Udayamathi, Assistant Professor to Vel Tech TBI and Shortlisted as Vel Tech TBI Incubatee and started her career as an Entrepreneur. Furthermore, our 2016-2020 Batch passed out students A. Annushrie & M. Niranjana have published their research works in reputed Scopus Indexed Journal. Our faculty have progressed well in publishing research papers, attending National level FDPs, STTP and workshops to polish their skills further. Our Dean Dr. D. Yuvaraj had been chosen as a Resource person and gave a lecture on the topic Recent Trends in Pedagogy in Two Weeks FDP on Pedagogy and Research methods hosted by AMET University.