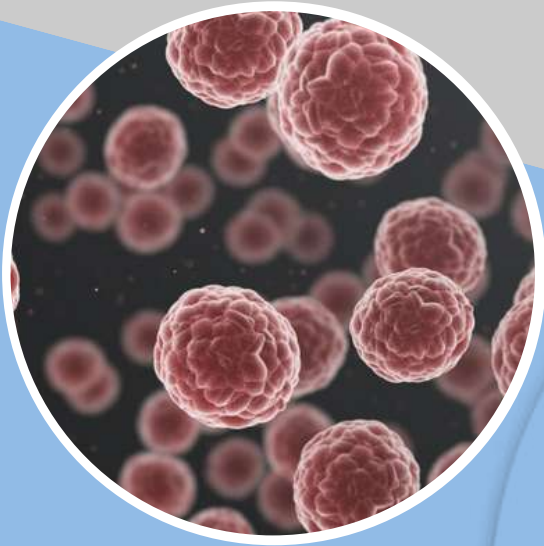




# THE BIOTECH TIMES

DEPARTMENT OF BIOTECHNOLOGY  
ADHIYAMAAN COLLEGE OF ENGINEERING  
(AUTONOMOUS)

Vol -III, issue- 1, 2021



## MESSAGE FROM EDITOR'S DESK

Dear Readers,

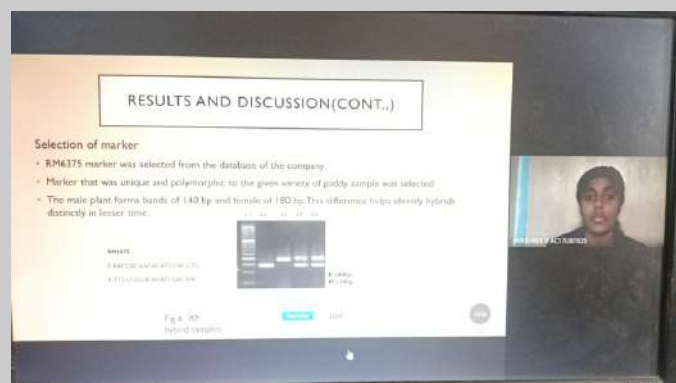
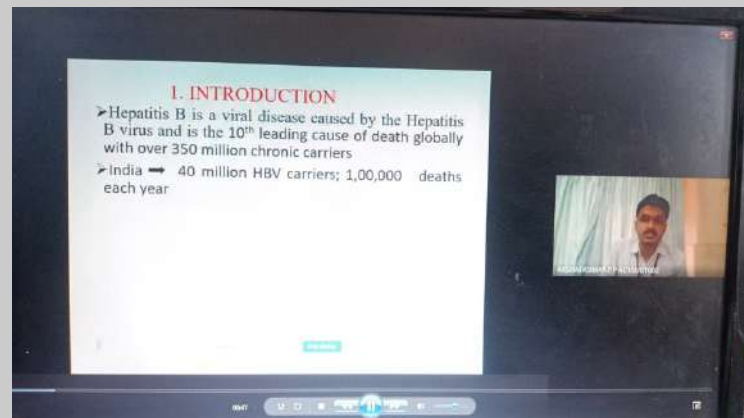
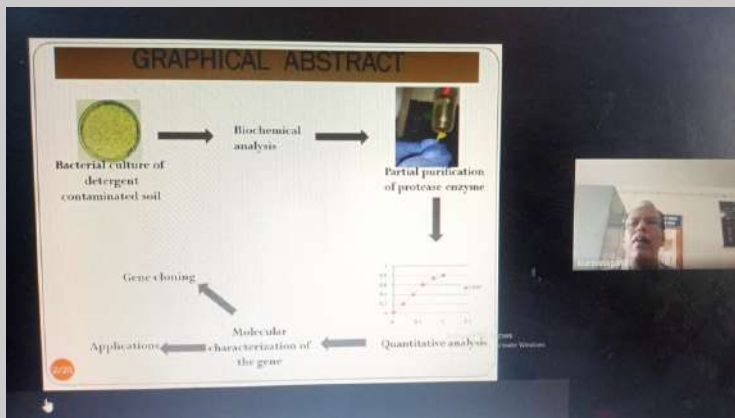
Greetings to all, You have in your hand “The Biotech Times”, official newsletter from the Department of Biotechnology, Adhiyamaan College of Engineering. We capture the cherished moments of Our journey.

*“Educating the mind without educating the heart is no education at all”.*

A review of the events and the academic activities that took place in the academic year 2020-21 will be included in the following issue. In this issue, you will perceive internship, workshop, Achievements and Department activities.

# GUEST LECTURE ORGANIZED BY THE DEPARTMENT

S.NO	NAME AND DESIGNATION OF THE SPEAKER	TITLE OF THE LECTURE	DATE
1	Dr.Balashanmugam, Director, Avigen Biotech, Chennai	Waste to value added products	04.01.2021
2	Mr.Kasirajan, Director, Medox Biotech Pvt. Ltd., Chennai	Laboratory Safety measures	14.12.2020
3	Dr.Seethalakshmi, Director, LifeTech Scientific, Bengaluru	Tissue culture techniques	08.09.2020
4	Dr.Balashanmugam, Director, Avigen Biotech, Chennai	IPR and patent Filing	10.08.2020
5	Mr.Caral Dinesh, Assistant Manager, Syngene, Bengaluru	Strategies to crack competitive examination	13.07.2020



# INTER COLLEGE EVENTS PARTICIPATED BY THE STUDENT'S

S.NO	NAME OF THE PROGRAM/ TITLE OF THE PRESENTATION	PROFESSIONAL ACTIVITIES	RESOURCE PERSON	DATE
1	Webinar on 'Importance of Linkedin Platform for Career development'	The Institutions of Engineers (India)	Dr. Mohan Shelter, Lifeguard Lab., Bengaluru	04.02.2021
2	Webinar on 'Importance of mendeley for preparation of research manuscript '	Indian Society for Technical Education (ISTE)	Dr.Venkatesh Krishnamurthy, Research Director, Genotypic Technology, Bangalore	12.01.2021
3	Webinar on 'Impact of COVID to the society'	Indian Society for Technical Education (ISTE)	Mr. Mohan, Research Associate, Griffith College, Dublin, Ireland	22.12.2020
4	Webinar on Entrepreneurship development	Entrepreneurship Development Cell (EDC)	Mr. Carl Dinesh, System Analyst, ZIFO RnD, Chennai	11.11.2020
5	Student development program on COVID-19: Past, Present, future	The Institutions of Engineers (India)	Dr. Jagadeesh Kumar, Professor, Department of Biotechnology, Sir M,Visvesvaraya Institute of Technology, Bengaluru	29.10.2020
6	online awareness programme on Entrepreneurship-cum-Skill Development	Entrepreneurship Development Cell (EDC)	Mr. Prabakar, Arrya Hi-Tech Energy, Coimbatore.	03.09.2020
7	COVID vaccines and its IPR Statu	The Institutions of Engineers (India)	Mr. Venkatesh, Crystal Bio equipment, Bengaluru	12.08.2020

# JOURNAL DETAILS

TITLE OF PAPER	NAME OF THE AUTHOR/S	NAME OF JOURNAL	YEAR OF PUBLICATION	ISSN NUMBER
Enhancement of ultrasound assisted aqueous extraction of polyphenols from waste fruit peel using dimethyl sulfoxide as surfactant: Assessment of kinetic models	P. Selvakumar , V. Karthik , P. Senthil Kumar, P. Asaithambi, S. Kavitha and P. Sivashanmugam	Chemosphere	2020	456535
Standardization Of Ginger Callus Culture And Its Comparison With Ginger Rhizome And Callus Treated With Extrinsic Molecule On Their Antioxidant Activity	NG Ramesh Babu, M Suresh, M Zavith, Ragul Boopathi and S Parvathy	International Journal Of Herbal Medicine	2020	2.3E+07
Molecular Characterization Of Alkaline Protease Gene Isolated From Aeromonas Hydrophila Strain AH10	N.G. Ramesh Babu, Anupa Mary Aji,	International Journal Of Applied Science And Biotechnology	2020	2091-2609
Cytotoxicity Effect Of Lactobacillus Acidophilus On Hep G2 Cell Line And Its Effects On Gene Regulation With Bax And Bcl2	N. G. Ramesh Babu, K. A. Simrah Fathima, V. Nandhini and V. Nandhini,	International Journal Of Current Microbiology And Applied Sciences	2020	2319-7706
Risk Reduction Factors Of Colorectal Carcinoma – A Review	Bharath V M K, Saranya K, Ramesh Babu N G	International Journal Of Advances In Engineering And Management (IJAEM)	2020	2395-5252

Optimization Of Process Parameters In the Production of Kombucha Tea And Flavours Infusion to Enhance Palatability	V. Manivasagan, M.S. Hari Priya , R. Tamil Selvi , V.Priyadharshini , A.U. Suriya Devi , K. Saranya, N.G. Ramesh Babu, and M.P. Prasad	International Journal of Advanced Biological Research,	2020	222321549
Isolation and Characterization of Value Added Product from Waste Morinda Citrifolia.L (Noni) Seeds	Manivasagan V., Saranya K. , Gowtham D. , Mohankumar T. and Ramesh Babu N. G.,	Tierärztliche Praxis	2020	0303-6286
Molecular study of acute toxicity of biosynthesized copper oxide nanoparticles in adult Zebra fishes'	Janani T.V., Navarathina Srinithi A, Sakthi Vinodha PP, Ramesh Babu N.G	International Journal for Research in Applied Science & Engineering Technology (IJRASET),	2020	2321-9653
Decolorization of textile dye by microorganisms and estimation of azoreductase activity	Ramesh Babu N.G., Jayashree B., Sandhya S.,	International journal of all research education and scientific methods(IJARES M)	2020	2455-6211

# INTERNSHIP WITH STIPEND

S.NO	NAME	AMOUNT	INDUSTRY
1	Daricca V	5000/Per month	GeneWin Biotech, Hosur
2	Nalini S	6500/per month	Sangenomics Laboratories, Bangalore
3	Navarathinasrinithi A	5500/Per month	Avigen Biotech Pvt Ltd., Chennai
4	Soundariya S	6500/per month	Medox Biotech Pvt Ltd., Chennai
5	Subratha S	5500/Per month	Avigen Biotech Pvt Ltd., Chennai
6	Prabavathi S	5500/Per month	Avigen Biotech Pvt Ltd., Chennai
7	Susmitha K	5500/Per month	Avigen Biotech Pvt Ltd., Chennai
8	Jayashree B	5500/Per month	Avigen Biotech Pvt Ltd., Chennai
9	Arith A	5000/Per month	Life Teck Research centre, Chennai
10	Balaji A	5000/Per month	Life Teck Research centre, Chennai
11	Yokesh M	5000/Per month	Life Teck Research centre, Chennai

# INTERNSHIP WITHOUT STIPEND

S.NO	NAME	INDUSTRY
1	Lohitha J	Biolim Center for Science and Technology, Chennai
2	Nithya G	Biolim Center for Science and Technology, Chennai
3	Praba M	Biolim Center for Science and Technology, Chennai
4	Shiv Aishwarya S	Institute of Innovations, Thiruvannamalai
5	Thaseen R	Intershala Trainings
6	Thilothamai Jegani K	Biolim Center for Science and Technology, Chennai
7	V.Archana	Institute of Innovations, Thiruvannamalai
8	H.Esther Suneeram	Institute of Innovations, Thiruvannamalai
9	M.Sindhu	Institute of Innovations, Thiruvannamalai
10	Vimala	Institute of Innovations, Thiruvannamalai
11	Arbaz Basha S	Life Teck Research centre, Chennai
12	Deepa R	Life Teck Research centre, Chennai
13	Lakshmi K	Life Teck Research centre, Chennai
14	Soundariya S	Life Teck Research centre, Chennai
15	Sri Aravindhar M S	Life Teck Research centre, Chennai
16	Subratha S	VJ Biotech, Coimbatore
17	Sunil S	VJ Biotech, Coimbatore
18	Susmitha K	VJ Biotech, Coimbatore
19	Vellingiri K	VJ Biotech, Coimbatore

# AWARDS RECEIVED BY THE STUDENTS

S.NO	NAME	PLACE	ORGANIZED BY	DATE
1	S. HARI HARAA SUDHAN	SECOND PLACE-STATE LEVEL SILAMBAM CHAMPIONSHIP 2021	WORLD SILAMBAM SPORTS ASSOCIATION	13TH FEBRUARY 2021
2	J LOGESH	THIRD PLACE-STATE LEVEL SILAMBAM CHAMPIONSHIP 2021	WORLD SILAMBAM SPORTS ASSOCIATION	13TH FEBRUARY 2021
3	THILOTHAMMAI JEGANI KPRABA M	BEST PAPER AWARD	INSTITUTE OF INNOVATIONS, THIRUVANNAMALAI	02ND & 3RD APRIL 2021

**We owe a heartfelt thanks to all the readers. We hope that the readers have find the updates more interesting.**

If undelivered please return to:  
The Head of Department  
Department of Biotechnology  
Adhiyamaan college of Engineering (Autonomous)  
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