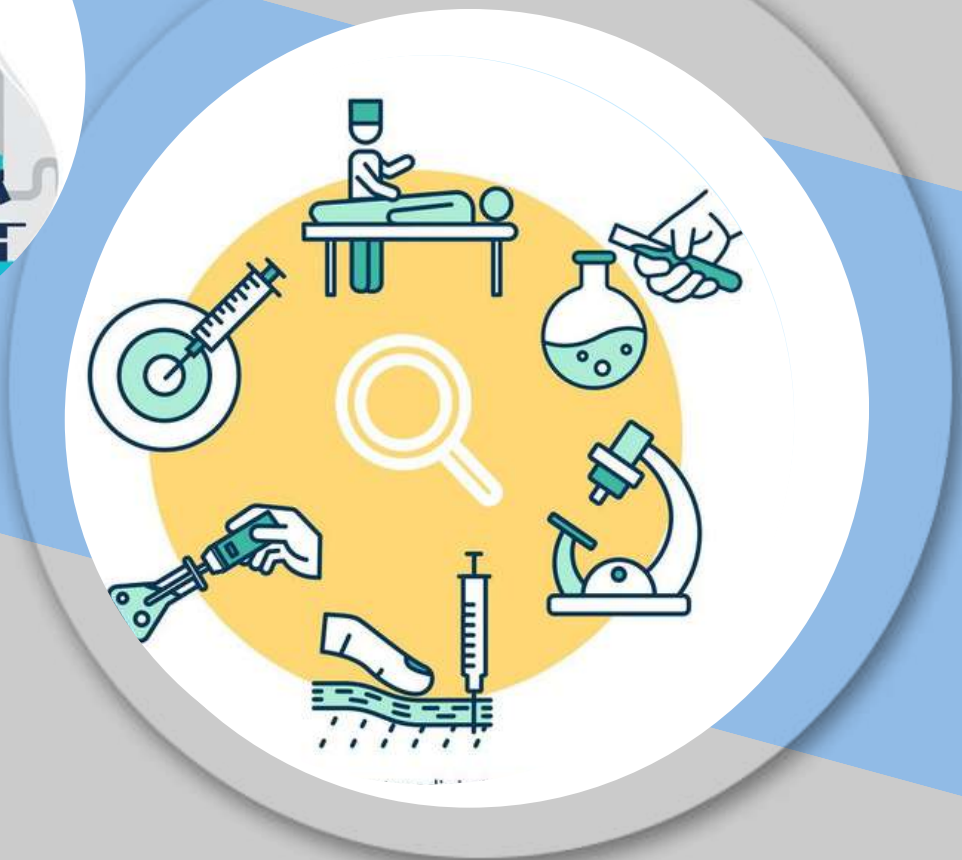




THE BIOTECH TIMES

DEPARTMENT OF BIOTECHNOLOGY
ADHIYAMAAN COLLEGE OF ENGINEERING
(AUTONOMOUS)

Vol -III, issue- 1, 2022
FOR INTERNAL CIRCULATION



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 2021-22 will be included in the following issue. In this issue, you will perceive internship, workshop, Achievements and Department activities.

CONFERENCE ORGANIZED BY THE DEPARTMENT

Two days national conference on “Novel Innovations in Biotechnology, Bioengineering & its Applications towards the Next Millennium” is a global event was held at Adhiyamaan college of engineering, Hosur. Organized by the department of Biotechnology, Dr.V.Manivasagan head of the Department welcomes the gathering and explained the progress made in Biotechnology. Principal Dr.G.Ranganath addressed about the conference and encouraged the student to actively participate in the event inculcate their knowledge. Chief guest Dr.R. MadhuSudhan Senior Principal Investigator, Syngene limited,Bengaluru, shared his experience and he represented himself as an example to reinforce hope among the students, The Guest of Honour, Dr. S. Jagannathan Research Officer, Pasteur Institute of India, Coonoor.

On second Day of National confrence Invited Chief guestDr. C. Sivapathasekaran, Scientist, Cytiva Life science, Bangalore, presented the topic “Bioprocess Molecules –Commercialization”. and Guest of Honour Dr.Ravindragouda Patil, Professor, Karnataka VeterinaryAnimal and Fisheries Sciences University (KVFSV), delivered his speech on “Tilapia fish”.

More than 100 participants from various insistution presented their papers and Poster



DSP Balaji Saravanan took the oath on the eve of "Anti-Terrorism" Day



GUEST LECTURE ORGANIZED BY THE DEPARTMENT

S.NO	NAME AND DESIGNATION OF THE SPEAKER	TITLE OF THE LECTURE	DATE
1	Mr. Caral Dinesh, Assistant Manager, Syngene, Bengaluru	Job Opportunities in Biotechnology Field	01.09.2021
2	Mr. R. Asvinkumar, Deputy Manager, Biocon Biologics India Limited, Bangalore	Biopower generator	04.10.2021
3	Dr. Seethalakshmi, Director, LifeTech Scientific, Bengaluru	Scientific Paper Writing and Patent Finling	15.11.2021
4	Dr. Balashanmugam, Director, Avigen Biotech, Chennai	Intellectual Property Rights	02.02.2022
5	Dr. Balashanmugam, Director, Avigen Biotech, Chennai	Intellectual Property Rights	02.02.2022



INTER COLLEGE EVENTS PARTICIPATED BY THE STUDENT'S

S.NO	NAME OF EVENT	PROFESSIONAL NODIES	RESOURCE PERSON	DATE
1	Role of Young Engineers in Implementing Smart Technologies	Entrepreneurship Development Cell (EDC)	J.Sharpuin, Professor and Head, (ISTE member) Department of Civil Engineering, C.Abdul Hakeem College of Engineering, Vellore	25.02.2022
2	Seminar on GATE preparation	Entrepreneurship Development Cell (EDC)	Dr.C. Sivapathasekaran, Scientist, Cytiva Lifescience, Bangalore.	18.01.2022
3	Webinar on human microbiome	The Institutions of Engineers (India)	Dr.C. Sivapathasekaran, Scientist, Cytiva Lifescience, Bangalore.	21.12.2021
4	Seminar on distribution of endophytic fungi in medically important hydrophytes and their bioactivity	The Institutions of Engineers (India)	Dr. Neethirajan, Professor, Dr.MGR College	30.11.2021
5	Webinar on recent drug development	Indian Society for Technical Education (ISTE)	Dr. K. Suresh, Professor, Dr.MGR college, Hosur	28.10.2021
6	Seminar on enhancement of biogas production	Indian Society for Technical Education (ISTE)	Dr. Neethirajan, Professor, Dr.MGR College	7.9.2021
7	Seminar on recent trends in biotechnology	The Institutions of Engineers (India)	Mr.M.S.Viram, Research Assistant, North Carolina State University, USA	25.08.2021
8	Seminar on YES (young entrepreneurs society)	Indian Society for Technical Education (ISTE)	Dr. S. Jaganathan, Research Officer, Pasteur Institute of India, Coonoor.	29.07.2021
9	Seminar on vaccine production	The Institutions of Engineers (India)	Dr. K. Suresh, Professor, Dr.MGR, Nagar, Hosur	15.06.2021

PROJECT EXHIBITION

NAME OF THE STUDENTS	TITLE	Award/Participation
G. Venkatesh	Isolation Of Collagen From Fish Waste	Award
V.SubashChandraBoseC.VishwanathanS. Dinakaran	Production, Characterization And Antitumour Activity Of Heparin	Award
Jai SudhaHemalathaNithya	Mask Degradar	Award
V.SubashChandraBose	Natural Wound Drug Incorporated With Collagen	Award
P.HarhithaK.Maheshwari	Hydroponic farming	Award
M.Gokulraj	Waste Treatment plant model	Award
K.Iyyappan	Aquaponics	Award
C.Vishwanathan	Design of Fermentor	Award
PavithraSudharshiniPooja sri	Bioplastic Production	participated
S. Dinakaran	Synthesis of nano particle for pesticide preparation	participated
D.Malini	Invitro Wound Healing Activity analysis	participated
A.Sujithaa	Production And Characterisation Of Taxol By Fungus Using Fermentation Technique	participated



JOURNAL DETAILS

Title of paper	Name of the author/s	Name of journal	ISSN number
An Insight Silver Nanoparticles synthesis and characterization from <i>Leucas aspera</i> for antiurolithic activity	V. Manivasagan, S. Kavitha, K. Saranya, S. Arbaz Basha, A. Arsath Ahamed, S. Gopinath,	Positif Journal	0048-4911
In Vitro Studies on Phytochemical Screening, Antioxidant, Anti-Inflammatory and Anticancer Properties of <i>Morinda tinctoria</i> Roxb,	Kavitha.S, V. Manivasagan, Saranya. K, Akshaya. S, Sujithaa. A, Malini. D And Kowsalya. E	Positif Journal	0048-4912
A critical review on pyrolysis method as sustainable conversion of waste plastics into fuels	K.Radhakrishnana P.Senthil Kumar, Gayathri Rangasamyce L.Praveen Perumal S.Sanaullad S.Nilavendh V.Manivasagan K.Saranya	Fuel	162361
Optimization of binary acids pretreatment of corncob biomass for enhanced recovery of cellulose to produce bioethanol	Selvakumar, P., Adane, A.A., Zelalem, T., Hunegnaw, B.M., Karthik, V., Kavitha, S., Jayakumar, M., Karmegam, N., Govarthan, M. and Kim, W.	Fuel	162361
An insight - A statistical investigation of consolidated bioprocessing of <i>Allium ascalonicum</i> leaves to ethanol using <i>Hangateiclostridium thermocellum</i> KSMK1203 and synthetic consortium	S.Kavitha, T. Gajendran, K. Saranya, P. Selvakumar, V. Manivasagan and S. Jeevitha	Renewable Energy	9601481
Broad-spectrum survey of medicinal plants as a potential source of anticancer agents [Estudio de amplio espectro de plantas medicinales como fuente potencial de agentes contra el cáncer]	Saranya, K., Manivasagan, V., Gopi, K., Karthik, K.	Boletin Latinoamericano y del Caribe de Plantas Medicinales y Aromaticas	

Determination of Total Microbial Bioload and Pathogen Testing from Bakery Products,	Manivasagan, V., Archana, V., Dhanalakshmi, D., Shruthishankari, S. and Vaishnavi, S,	The Indian Journal of Nutrition and Dietetics	0022-3174
In vitro Antioxidant, Antidiabetic and Antibacterial Activities of Orthosiphon diffuses	Manivasagan V, Saranya K, Poojashree S, Ankitha K, Niyathi V	Research Journal of Pharmacognosy and Phytochemistry	0975-2331
Production and Characterization of Probiotic Juice from Star Fruit,	Manivasagan V., Archana N., Maseera	International Journal of Engineering Research & Technology (IJERT),	ISSN: 2278-0181

INTERNSHIP WITH STIPEND

Name of the Student	Amount(Rs.)	Industry
Archana N	15000/per month	Business development Trainee
Arunkumar P	8000/per month	Intern-EDT
Dhanaseelan J	8000/per month	Intern-EDT
Gunaseelan R	8000/per month	Intern-EDT
Iyyappan K	15000/per month	Associate analyst-Intern at Zifo R&D solutions
Ragu S	12000/per month	Trainee at Sattva Vaid Nature's Global Pvt. Ltd.
Sanaula S	8000/per month	Intern-EDT
Subash Chandra Bose V	8000/per month	Intern-EDT
G.Deepa	6000/ per month	Life Teck Research centre, Chennai
S.Poojashree	6000/ per month	Life Teck Research centre, Chennai
S.Ragu	6000/ per month	Life Teck Research centre, Chennai
Edison Eegai Vallal	6000/ per month	Life Teck Research centre, Chennai

INTERNSHIP WITHOUT STIPEND

S.No.	Name of the Student	Industry
1	Harshitha P	Global Calcium Pvt. Ltd., Hosur
2	Ishwarya V	Aurigene Pharmaceutical Services Ltd., Bengaluru
3	Nandhini A	Biolim Center for Science and Technology, Chennai
4	Gurumeenakshi N	Institute of Innovations, Thiruvannamalai
5	Harshitha P	MicroLabs Ltd., Hosur
6	Nandhini A	Institute of Innovations, Thiruvannamalai
7	Navarathinasrinithi A	Biolim Center for Science and Technology, Chennai
8	Prabavathi S	Biolim Center for Science and Technology, Chennai
9	Praveen E	Biolim Center for Science and Technology, Chennai
10	Praveen Kumar A	Biolim Center for Science and Technology, Chennai
11	Praveen Kumar V	Biolim Center for Science and Technology, Chennai
12	Preethi E	Biolim Center for Science and Technology, Chennai
13	Sai Kumar H	Institute of Innovations, Thiruvannamalai
14	Sandhya S	Institute of Innovations, Thiruvannamalai

AWARDS RECEIVED BY THE STUDENTS

NAME	AWARD	AWARDED BY	DATE
Harshitha P	Best Ug Research Award	Society For Aerospace & Mechanical Professionals	10th June 2022
Arshan Selva Singh	Best Ug Research Award	Society For Aerospace & Mechanical Professionals	10th June 2022
Maheshwari K	Best Ug Research Award	Society For Aerospace & Mechanical Professionals	10th June 2022
Karthikeyan A	Best Ug Research Award	Society For Aerospace & Mechanical Professionals	10th June 2022
Tharun Kumar S	Best Ug Research Award	Society For Aerospace & Mechanical Professionals	10th June 2022

AWARD WON IN SPORTS ACTIVITIES

Name of the Student	Name of the Event	Inter-university/ State/National/ International	Name of the Award/ Medal	Team/ Individual
Mr.R. Hariprasath	Brain awarness week chess competition	state level	first	Individual
Mr.R. Hariprasath	National level open chess tournament	National level	Second	Individual

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)
Hosur-635130

