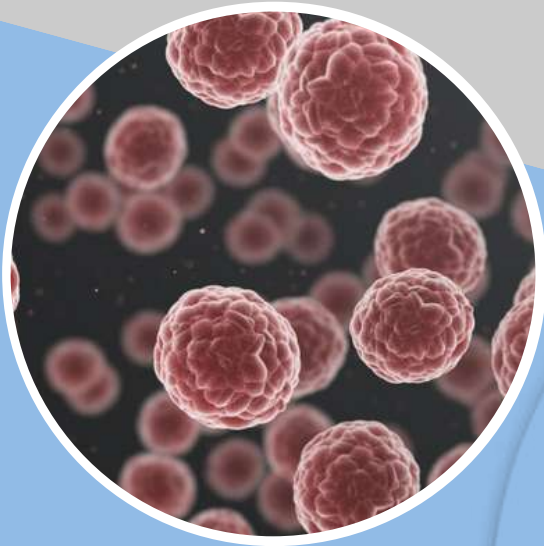




THE BIOTECH TIMES

DEPARTMENT OF BIOTECHNOLOGY
ADHIYAMAAN COLLEGE OF ENGINEERING
(AUTONOMOUS)

Vol -III, issue- 1, 2020
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 2019-20 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 day National Conference on “Recent trends in Biotechnology Strategies for Health and Environment” on 25th & 26th Sep. 2019 at the Dept of Biotechnology, Adhiyamaan College of Engineering, Hosur.

Mrs. JANANI K, Scientific officer, Biocon Pvt. Ltd., Bangalore with Dr.N.S.Badarinarayanan, Dean Academics, Adhiyamaan College of Engineering, Dr. N. G. Ramesh Babu, Professor & Head, Department of Biotechnology, Dr.V.Manivasagan, Professor, Department of Biotechnology, Mr.S.Manisreedhar and Miss.Nikitha from Final year B.Tech (Biotechnology) students releasing the souvenir during the inaugural of a two day National Conference on “Recent Trends In Biotechnology Strategies For Health And Environment” on 25- 26th September 2019.



PUBLICATIONS IN NATIONAL AND INTERNATIONAL JOURNALS

- Saranya K., Dhanachezhiyan, M., Gopinath, G., Mathan kumar, A. and Ramesh babu, N.G. (2019). "Study Of UV Mutated Protease Enzyme From Various Sources", International Research Journal Of Pharmacy, 5(5), 80-84.
- Ashok Kumar, S., Santhosh, J., Venkatesh, C., . Ramesh Babu, N. G., Saravanan N. and Parvathy, S. (2019). "Microbial conversion of cellulose into bioethanol", World journal of pharmaceutical research, 8(6), 733-753.
- Saranya, K., Manivasagan, V., kanakadurga, R., Mohan Babu, V.P. and Ramesh Babu, N.G. (2019). "A survey on anticancer properties of Indian medicinal palnts- A broad spectrum analysis", International journal of pharmaceutical sciences and research, 10(8), 3635-3640.
- Saranya, K., Manju, M., Ramya, S., Snehamercy, S., Vinodhini, A., Manivasagan, V. and Ramesh Babu, N.G. (2019). "Comparison of ex vivo and in vitro experimental analysis of succulent plants on the antioxidant and antimicrobial activity", International journal of agricultural sciences and veterinary medicine, 7(3), 22-30.
- Mahalakshmi, S., Sruthi, V.S., Ramesh babu, N.G., Sivaraj, C. and Arumugam, P. (2019). "Isolation and pharmacological activities of Curcumin from *Curcuma longa* L.", International Journal for Research in Applied Sciences and Biotechnology, 6(5), 7-17, <https://doi.org/10.31033/ijrasb.6.5.2>
- Preethi Krishna, M. T., Suriya Devi, A. U., Manivasagan, V., Saranya, K., Ramesh Babu, N. G. and Krishnaraj, M. (2019). "Studies On Antioxidant, Antimicrobial Properties And Factors Affecting The Extraction Of Nanoparticles From *Withania somnifera*" Indian Journal of Research in Pharmacy and Biotechnology (IJRPB), 7(5), 1-5. <https://doi.org/10.31426/ijrpb.2019.7.5.7511>
- Saranya, K., Bharath, V M K. Akshai kumar, PP., Logeshwaran, C., Manivasagan, V. and Ramesh Babu, N.G. (2019). "Evaluation of Radiation Absorbption Capacity of *azadirachta indica*", International Journal For Research in Applied Science & Technology (IJRASET), 7 (9) , 31-33
- Hari priya, MS., Tamill selvi, R., Priyadharshini, V., Manivasagan, V., Saranya, K. and Ramesh Babu, N.G. (2019). "Comparision of Nutritional Content of Commercial and Organic Food Produt (Cereals and species) With Special Emphasis on UV Spectroscopic Method of Analysis", International Journal of Chemical Studies, 7(6), 1-5.
- Manivasagan, V., Bhavani, K., Indhumathi, V., Perundevi, S., Vinoja, B.N. and Ramesh Babu, N.G. (2019). "Investigation of Anti-Quorum Sensing and biofilm inhibition activities of medicinal plants against antibiotic resistant microbial biofilms", Global Journal of Bio-science and Biotechnology, 8(4), 318-326.

- Manivasagan, V., Divakar, J., Kamesh, R., Lal Krishna, U. and Ramesh Babu, N.G. (2019). “Identification, Production and Characterization of Nattokinase, Bacteriocin from bacterial species”, *Bacterial Empire*, 2(4), 91-95.
- Saranya, K., Nikitha, R., Surya Priya, S., Kavya, R., Ramesh Babu, N.G. and Evanjelene V.K. (2019). “Green Synthesis Of Silver Nanoparticles From Solanum Muricatum Leaf Extracts And Its Antibacterial Activity”, *International Journal of Science and Nature*, 10(4), 178-1183.

GEN-BANK SUBMISSION

- Ezhilkumar P, SivakumarV.M, Saranya K, Manivasagan V and Kavitha S, NCBI GenBank Accession number MN658860- *Bacillus cereus* CIT03 16S ribosomal RNA gene, partial sequence. Published on 17 Nov 2019.



PAPERS PRESENTED

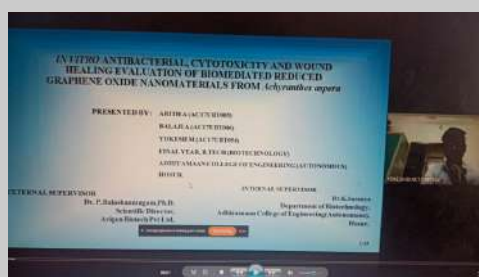
- V.Manivasagan, K.Saranya, Booja Ruthra and T.V.Janani, “Optimization of microcarrier material for the production of biofertilizer using *Azospirillum*”, Internatioanl Conferene on Recent Trends in Clean Technologies for Suatainble Environment” organized by SSN college of engineering,Chennai during 26-27 september 2019.
- V.Manivasagan, K.Saranya, S. Kavitha, P.Jayamurugan, and S.Jeevitha, “Optimization of Cultural Conditions and Production of Ethanol from *Manihot esculenta* Crantz YTP 1 Stem by Consolidated Bioprocessing through Synthetic Consortium”, 34th Indian Engineering Congress, The Institution of Engineers (India) Hyderabad, during 27.12.2019 to 29.12.2019, Technical volume. pp 48-51, ISBN NO.:978-81-938404-9-8.

INTER COLLEGE EVENT STUDENT'S PARTICIPATED

S.NO	NAME OF EVENT	ORGANIZED BY	RESOURCE PERSON	DATE
1	Utilization of Modern Technologies in Agricultural Engineering for Sustainable Agricultural Production	The Institutions of Engineers (India)	C. Saravana Kumar, EGES Enviro Solutions Pvt. Ltd, Kancheepuram	17.03.2020
2	Seminar on " How to file a Patent for your own product	The Institutions of Engineers (India)	Mr. Caral Dinesh, Syngene Pvt.Ltd., Bengaluru	13.3.2020
3	IPR on Industrial Fermentation Technology	The Institutions of Engineers (India)	Ms. S. Sangeetha, Senior Research Associate	18.2.2020
4	Research Skills for biotechnologist		Mr. Vijay Shah, Indu stem cell bank, Vadodara	3.1.2020
5	Advances in Bioprocess Technologies	Indian Society for Technical Education (ISTE)	Mr. Prabakar, Arrya Hi-Tech Energy, Coimbatore.	23.12.2019
6	One day seminar on molecular pharming	Indian Society for Technical Education (ISTE)	C. Logeshwaran, Richcore life sciences,Bengaluru.	16.12.2019
7	Awareness programme on National level training institutions for skill development	Entrepreneurship Development Cell (EDC)	Mr. Prashant, Apollo med Skill, Chennai.	14.11.2019
8	Molecular Diagnostics and Next Generation Sequencing	The Institutions of Engineers (India)	Mr. Cyril Stephen, VEE technology, Chennai	28.10.2019
9	Research Aptitude	Indian Society for Technical Education (ISTE)	Mr. Asvin kumar, Biocon Ltd., Bengaluru	04.09.2019
10	Development of new products for research in food, agriculture and its therapeutic importance	The Institutions of Engineers (India)	Mr. Durkeshwaran, Affigenix BioSolutions, Bengaluru	21.08.2019
11	How to read Scientific Literature	Indian Society for Technical Education (ISTE)	Mr. Asvin KumarBiocon Limited, Bangalore.	12.07.2019
12	Marketing strategies in pharmaceutical companies	Entrepreneurship Development Cell (EDC)	Mr. Cyril Stephen, VEE technology, Chennai	19.6.2019

CONFERENCE ATTENDED BY THE STUDENTS

S.NO	NAME	EVENT NAME	NATIONAL / INTERNATIONAL	DATE
1	Aravindh kumar N	“Clinical Research Data Management, Pharmacovigilance, Medical writing and medical coding”	National Level Conference	03.02.2020 - 05.02.2020
2	Balaji A	“Clinical Research Data Management, Pharmacovigilance, Medical writing and medical coding”	National Level Conference	03.02.2020 - 05.02.2020
3	Janakiraman R	“Clinical Research Data Management, Pharmacovigilance, Medical writing and medical coding”	National Level Conference	03.02.2020 - 05.02.2020
4	Nalini S	“Clinical Research Data Management, Pharmacovigilance, Medical writing and medical coding”	National Level Conference	03.02.2020 - 05.02.2020
5	Subratha S	“Clinical Research Data Management, Pharmacovigilance, Medical writing and medical coding”	National Level Conference	03.02.2020 - 05.02.2020
6	Vignesh S	“Clinical Research Data Management, Pharmacovigilance, Medical writing and medical coding”	National Level Conference	03.02.2020 - 05.02.2020



INTERNSHIP ATTENDED BY THE STUDENTS WITH PAYMENT

SL.NO	NAME OF THE STUDENTS	AMOUNT(Rs)	INDUSTRY
1	Preethi E	6000/per month	Indian Academy of Science, Bengaluru.
2	Gopi K	5000/Per month	Life Teck Research centre, Chennai
3	Maniseethaar	5000/Per month	Life Teck Research centre, Chennai
4	Yeslin pushan	5000/Per month	Life Teck Research centre, Chennai
5	Zavith	5000/Per month	GeneWin Biotech, Hosur
6	Nikitha	6500/per month	Sangenomics Laboratories, Bangalore
7	D.Gowtham	6500/per month	Institute of Innovations, Thiruvannamalai
8	T. Mohankumar	6500/per month	Institute of Innovations, Thiruvannamalai
9	M.S. Hari Priya	6500/per month	Institute of Innovations, Thiruvannamalai
10	V. Priyadharshini	6500/per month	Institute of Innovations, Thiruvannamalai
11	A.U. Suriya Devi	6500/per month	Institute of Innovations, Thiruvannamalai

INTERNSHIP ATTENDED BY THE STUDENTS WITHOUT PAYMENT

S.NO	NAME	INDUSTRY
1	P P. Akshai Kumar	National Institute of Immunology(NII), New Delhi
2	V.S. Sruthi	Biolim Center for Science and Technology, Chennai
3	S. Keerthana	Annai Meenakshi Biotech, Hosur
4	S. Mahalakshmi	Annai Meenakshi Biotech, Hosur
5	Aravindhkumar N	MicroLabs Ltd., Hosur
6	Bhavana S	VJ Biotech, Coimbatore
7	Preethi E	VJ Biotech, Coimbatore
8	Yokesh M	Institute of Innovations, Thiruvannamalai
9	Hari Priya M S	Institute of Innovations, Thiruvannamalai
10	Shyamala A	Annai Meenakshi Biotech, Hosur
11	S. Abishek	Annai Meenakshi Biotech, Hosur
12	R. Sanjay Sriram	Life Teck Research centre, Chennai
13	M.Senthilkumar	Life Teck Research centre, Chennai
14	M.T. Preethi Krishna	Life Teck Research centre, Chennai
15	Anupa Mary Aji	Life Teck Research centre, Chennai
16	V.M. K. Bharath	Life Teck Research centre, Chennai
17	Thaniya Thasleem N	Life Teck Research centre, Chennai

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
M.S.Sriaravindhar	Basket ball(zone)	State level	Winner	Team
Mr.Kapil.K	Badminton(Men)	National level	Third	Individual
Ms.Nandhini	Atheletics-Discuss throw	National level	First	Individual
Mr.R. Hariprasath	ISTE-I Fest Chess Competition	inter university	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:
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 Hosur-635130

