

NEW PRINCE SHRI BHAVANI ARTS & SCIENCE COLLEGE

(Co - Educational & Affiliated to University of Madras)
Patel Road, Medavakkam, Chennai-100



ABOUT BIOTECHNOLOGY

Biotechnology is a multidisciplinary field that includes disciplines like microbiology, biochemistry, genetics, cell biology, molecular biology, immunology, cell and tissue culture, and physiology.

The Department has designed dynamic and focused curriculums to develop a well-trained manpower in biotechnology for academic / industrial / pharmaceutical applications as well as research perspectives. The curriculums also focus on inculcating ethical and moral values in the students.

Students are motivated to actively participate in seminars, symposiums, conferences and workshops. The Department has well-equipped



Dr. N. SANTHI
Greetings from the
Department of Biotechnology

I am very pleased to present the fifth issue of the newsletter "Biotech Occasions" of Biotechnology Department. I hope the newsletter will serve as an interface between the college and outside world. This newsletter provides information about academic and co-curricular activities organized in the Department during the academic year of 2015 – 2016.

WHAT'S INSIDE

- **DEPARTMENT MISSION & VISION**
- **FACULTY AWARDS & RECOGNITIONS**

EVENTS ORGANIZED

- **FDP**
- **WORKSHOP**
- **SEMINAR**
- **GUEST LECTURE**
- **INDUSTRIAL VISIT**
- **EXTENSION ACTIVITY**
- **INTRA & INTER**
- **COMPETITIONS**
- **IN PLANT TRAINING**

DEPARTMENT OF BIOTEHNOLOGY

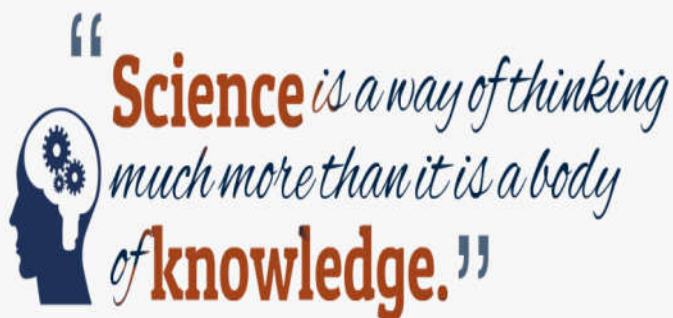
Department of Biotechnology was established in 2005. Currently the department offers Undergraduate program with an intake of 55. The department aims to impart quality Training with distinctive proficiency of merging Engineering principles with biological systems. The Department has designed dynamic and focused curriculums to develop a well-trained manpower in biotechnology for academic / industrial / pharmaceutical applications as well as research perspectives. The curriculums also focus on inculcating ethical and moral values in the students. Students are motivated to actively participate in seminars, symposiums, conferences and workshops. The Department has well-equipped laboratories to provide hands-on training and research exposure to the students. The Department has highly qualified faculty with doctoral research experience.

VISION:

Attaining new heights in biotechnology research, shaping biotechnology in to a premier precision tool of the future for creation of wealth and ensuring social justice – Especially for the welfare of the poor and to provide leaders in the field of Biotechnology.

MISSION:

- To raise students with academic excellence, professional competence with good ethics.
- To find solution to human problems in areas relating to water food health care and energy through scientific, social and technological research
- To impart highly innovative and technical knowledge in the field of biotechnology to the urban and rural students folks through “TOTAL QUALITY EDUCATION”.



Add on course/Short term course organized by the department



A Short-term course (more than 30 hours) conducted on Microbial Screening, Haematological Techniques and Biomanure Production for the students of first, second and third year respectively during the month of June to September, 2015. Course completion certificates issued at the end of the course.

Extension Activity



Department of Biotechnology organized a programme to serve the children in "**Ramalinga AdigalarSevaiMaiyam**" on 21/08/2015 at Kovilambakkam, Chennai. 31 Students had interacted & educated the students.

Alumni Activity

An alumni talk was held in the department on 25th September 2015. Two alumni (T.Nithya&M.Saranya) interacted about "**Carrier Opportunities in Biothnology**". The main aim was to provide guidance to the present students in their endeavor for better employment and higher studies.



Industrial visit



A Visit to **Truekem Leather Factory** on 19th September 2015. Six Students along with staff visited. Industrial visits provide an excellent opportunity to interact with industries and know more about industrial environment. Industrial visits are arranged by the department for the students with an objective of providing us an opportunity to explore different sectors.

Intra Departmental Activities



Department of Biotechnology conducted Ad zap as Intra Departmental activities on 17-07-2015 to improve creativeness & science knowledge development for the students. Around 20 students were participated.

Workshop & Seminar Organized

A workshop on “Biosynthesis of Metal Nano Particles from Medicinal Plants” conducted by Dr.K.Elongovan Quality Associate, Maya clinical Drugs Research, Chennai on 30/08/2015

A seminar on “Tissue culture-somatic Hybridization” presented by Dr. G. Selvamangai, Asst. Professor, Dept. of Biotechnology, Alpha Arts & science college 29/02/16.



If you think about brewing, it is biotechnology. And I would say that I was a technologist at heart. So whether I ... fermented beer or whether I fermented enzymes, the base technology was the same.

~ Kiran Mazumdar-Shaw

“The Greatest Threat to Our Planet Is the Belief That Someone Else Will Save It”

-Robert Swan



Inplant Training

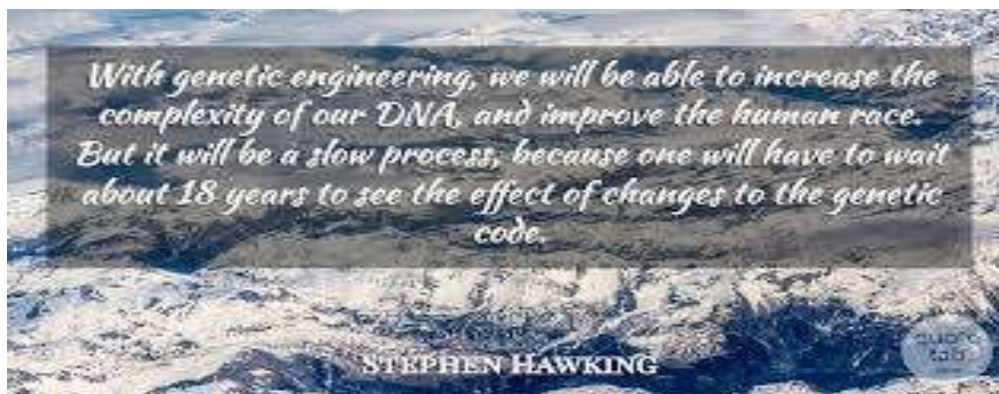


Five of our students attended an In Plant Training programme conducted by Kavin Bioresearch, Velachery on “**Food & Science Technology**” during the month of April from 15-04-15 to 25-04-15.

Parent Teacher Meet

Parent Teacher Meet was held for all students on 26-09-2015. This meet was aimed to involve parents in student’s education.

Parent Teacher Meet was held for all students on 27-02-2016. The meet was aimed to bring the parents attention of their ward’s studies and behavior.



Guest Lecture Talk

Date	Name of The SpeakerAnd Details	Topics
10/07/15	Dr.BeemaJainab Asst. Professor, Dept. of Botany, S.I.E.Tcollege, Teynampet, Chennai	Classification of Bacteria
03/08/15	Mrs.Nasreen Najeeb Asst. Professor, Dept. of Biotechnology, Mohamed Sathak College of Arts and Science.	Mutation
21/08/15	Dr.K.Suneethra Asst. Professor, St. Joseph College of Arts and Science.	Genomic Library
15/12/15	Mrs.S.Kavitha Asst. Professor, Dept. of Biotechnology, Prince Shri Venkateshwara Arts & Science College.	Roleof Oncogene
13/01/16	Mrs. K.Deepalakshmi Asst. Professor, Dept. of Biotechnology, Prince Shri Venkateshwara Arts & Science College.	Plant Growth Regulators
10/02/16	Dr. R. Rajan. Asst. Professor, Dept. of Biotechnology, Mohamed Sathak College of Arts and Science	Fermentation Technologies



Staff Activity

Dr.N.Santhi&Dr.Antony K .Teresa infanta attended a National Conference on “**Emerging trends in Management of Infectious Disease**”conducted by Prof. Dhanapalan College of Arts& Science College, Chennai on 04.02.2016 & 05.02.2016.

Mrs .S. Usha &Dr. Senthil Kumar had presented a Paper in an International Symposium on “**Medicinal Plants & Herbal drugs in Human & livestock Wealth**” conducted by Pachaiyappa’s College on 29-31 January 16.

Dr.N.Santhi, served as Guest Speaker about ““**Human Genome Project**” on 10-02-2016 conducted by Prince Shri Venkateshwara Arts & Science College.

Mrs. S.Usha, served as Guest Speaker about ““**Central Dogma**” on 08-08-2015” conducted by Prince Shri Venkateshwara Arts & Science College.

Student Activity

C. Gayathri , B. Keerthika, R. Lavanya, R.K Sangeetha & K. Revathy of II Biotechnology & M. Raj kumar III Biotechnology Participated in National conference conducted by Mohammed sathak college of Arts & Science on 5/2/2016.

R. Purushothaman&& M. Raj kumar III Biotechnology presented a Poster in a Conference conducted by New prince shri bhavani Arts & science college on 20/02/2016.

Mentor Meet Programme

The first mentor session was held on 03-08-15.

The second mentor session was held on 28-09-15.

The third mentor session was held on 01-02-16.

The fourth mentor session was held on 01-03-16.

