

## **ACADEMICS AND RESULTS OF ENTRANCE EXAMS**

The department of Biotechnology has a very good academic record and rating in the results of the students in the university examinations and PG entrance examinations. It has secured about 85% pass in BSc. Biotechnology programme. 4 students of this department has qualified Jawaharlal Nehru University, Delhi (JNU) All India combined entrance exam for MSc Biotechnology. 6 students qualified entrance exams for MSc Food Technology and Biotechnology of Calicut University, Kannur University and MG University.

### **Research**

Though Biotechnology is an Undergraduate Department, the teachers and students get actively involved in research. The faculties render their service to guide Undergraduate students of Biotechnology and Postgraduate students of other departments.

The Research team of Dr. K. Mashhoor has identified 2 new strains of Bacteria from Kiltan Island of Lakshadweep. Dr. K. Mashhoor, has published 2 papers in *International Journal of Cell Science and Biotechnology* & *International Journal of Agricultural Technology*. Research work done by Dr. K. Mashhoor, Ruba Badharudheen, Shilly Das and Joysi S Job were submitted for publication in an International Journal. Dr. K. Mashhoor presented 3 papers in National seminars. The faculties of Biotechnology department have attended various seminars. Dr. K. Mashhoor, Published 7 gene sequence in GenBank of National Centre for Biotechnology (NCBI), USA.

The Department has made Research collaboration with, Endocrinology Laboratory, Dept. of Zoology, University of Calicut in Probiotics of Fish.

### **Seminars and Workshops**

The Department has unanimously elected Mr. Arshad (II BSc. Biotechnology) as the Biotechnology Association secretary. The Biotechnology Association (2017-2018) functions were inaugurated by Dr. M. Nasser, Director of Research, University of

Calicut. He delivered a lecture on 'Biodiversity'. The department has honored the research students those who identified 2 new strains of Bacteria from Kiltan Island of Lakshadweep. Head of the Department, Dr. K. Mashhoor presided over the function and Dr. M.P. Abdulla (Principal) delivered the principal's speech. Dr. T.V. Zacaria (Coordinator, IQAC), Mr. Mansoor (Chairman, Students Union) felicitated over the programme. Mr. Arshadh, Association Secretary offered the welcome address and Ms. Thajaliya Parveen proposed vote of thanks.

The department has organized National Science Day – 2018 celebration on 28th February 2018 Supported by 'Kerala State Council for Science, Technology and Environment' and Sponsored by Department of Science and Technology, Govt. of India. As part of the programme, Department has organized Seminar, Essay writing competition and Pencil drawing competition. Dr. E. Sreekumaran (Head, Dept. of Life sciences, University of Calicut) inaugurated the function and delivered a Lecture on 'Science, Technology, Pollution and Solutions'.

Kerala State Council for Science, Technology and Environment (KSCSTE) sanctioned financial support for conducting National seminar on 'Recent trends in Biotechnology'

### **Training**

The department of Biotechnology has signed and MoU with Foster foods at KINFRA Techno Industrial Technopark, Kakkanjeri, Malappuram, Kerala for Industry based training for students. The Department has organized Hazard Analysis and Critical Control Points (HACCP) Level 3 training programme of HABC for the candidates from Inside and outside the campus.

### **Study Tour**

The final year students visited 'Kalinga Centre for Rainforest Ecology' A Haven for Kings of Cobras at Agumbe, St. Marys Island, Malpe and Coorg. Second year students visited Kodaikanal and First year students visited Calicut University.

### **Co-curricular activities**

The students of Biotechnology department were actively participated in Fine arts fest, Sports fest and Food fest. The department has secured 2<sup>nd</sup> prize in food fest. The department has released hand written magazine 'OJ' by collecting the manuscripts from the students and the same was selected for 3<sup>rd</sup> prize in inter departmental Hand written magazine competition.