



KERALA UNIVERSITY OF FISHERIES & OCEAN STUDIES

കേരള ഫിഷറീസ്-സമുദ്രപഠന സർവ്വകലാശാല

PANANGAD P.O., KOCHI 682 506, KERALA, INDIA

☎0484- 2701085, 2703782, 2 Fax: 91-484-2700337; e-mail: utypanangad@kufos.ac.in

website: www.kufos.ac.in

B.Tech. (Food Technology)

Introduction

Food is one of the basic necessities for survival. Providing food security to the teeming millions is a day-to-day challenge that developing countries are facing today. The study and application of food science and technology principles would enable us to combat such difficult situations. In an era of increasing population, decreasing energy sources and increasing poverty, it is but imperative that appropriate technology, with an aim towards providing food security be developed. Applications in the realm of food production, processing and preservation could help transform the economic and cultural structure of developing nations across the globe.

Objectives

Food Technology is the key to the conversion of raw agricultural materials into a wide variety of properly processed and preserved foods, thus contributing to the well-being, economy, standard of living, and progress of humanity. Acquaint the student with the basic scientific understanding of foods and food processing as determined through biochemistry, chemistry, microbiology, and other sciences. Train manpower in Food Science, Food Technology, Nutrition, Engineering, Business Management and Product Development to meet demand of rapidly increasing food based industries.

Eligibility / selection criteria for admission:

Candidates who have passed Higher Secondary Examination, Kerala, or Examinations recognized as equivalent thereto, with 50% marks in Mathematics separately, and 50 % marks in Mathematics, Physics and Chemistry put together are eligible for admission. In case, the candidate has not studied Chemistry, the marks obtained in Computer Science shall be considered. In case, the candidate has not studied Chemistry and Computer Science, the marks obtained in Biotechnology shall be considered. In case, the candidate has not studied Chemistry,

Computer Science and Biotechnology, the marks obtained in Biology shall be considered. The marks as shown in the mark list of the Board of Examination obtained from the respective Higher Secondary Board shall be considered for academic eligibility.

Students who have been ranked in the Kerala Engineering Agriculture Medical (KEAM) degree examination for Engineering stream conducted by the Commissioner of Entrance Examination, Kerala shall be admitted based on their KEAM rank. For online application click <https://cee.kerala.gov.in/main.php>

Note:- (i) In two year Kerala Higher Secondary courses or examinations 2recognized equivalent thereto with two year course where the Board Examinations are conducted in both years, the total marks of two years in the respective subjects as shown in the mark lists of the respective Higher Secondary Boards will be considered for academic eligibility.

(ii) In Higher Secondary courses or examinations 2recognized equivalent thereto where Board Examinations are conducted only at the end of 12th class (final year), the marks in the respective subjects as shown in the mark lists of the respective Higher Secondary Boards will be considered for academic eligibility.

(iii) For all other type of Higher Secondary courses or examinations 2recognized equivalent thereto, the marks of the respective subjects as shown in the mark list of the respective Board of Examinations will be considered for academic eligibility.

(iv) The Vocational Higher Secondary Examination, Kerala, has been 2recognized as equivalent to the Higher Secondary Examination, Kerala.

(v) In the case of nominees of Government of India and nominees of reciprocal quota seats who are selected on the basis of the marks in the qualifying examination, the academic eligibility as specified in clause 7.2.3 is applicable.

No. of seats and reservations

Total seats for B Tech programme are 40, which include mandatory reservations. 20% seats will be filled on supernumerary basis from the Children of Fishermen category and will be filled through the KEAM entrance examination.

Fee Structure for 2018-19

Sl. No.	Item	Amount(Rs.)			
		First semester	Second , Fourth, Sixth & Eighth semesters *	Third, Fifth & Seventh semesters *	Total
1	Fee once to be remitted at the time of admission				
	Admission Fee	10,000	0	0	10,000
	Caution Deposit	5,000	0	0	5,000
	Academic Hand Book	250	0	0	250
2	Tuition Fee (Per Semester)	33,000	33,000	33,000	2,64,000
3	Special Fee				
	Library fee (Per Semester)	500	500	500	4,000
	Stationery fee (Per semester)	500	500	500	4,000
	Athletic/Sports & Games Fee (Per Semester)	250	250	250	2,000
	Association Fee (Per Semester)	100	100	100	800
	Magazine Fee (Annual)	500	0	500	2,000
	University Union Fee (Per Semester)	250	250	250	2,000
	Computer Fee (Per Semester)	1,000	1,000	1,000	8,000
	Insurance (Annual)	100	0	100	400
	Semester Examination Fee	2,000	2,000	2,000	16,000
	Total	53,450	37,600	38,200	3,18,450