

**COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY**

**EQUIVALENT PAPERS-B.TECH 2006 Scheme and 2012 Scheme**

**(FOOD TECHNOLOGY)**

**SEMESTER III**

<b>Code No.</b>	<b>Subject (2006)</b>	<b>Code No.</b>	<b>Subject (2012)</b>
FT 301	Engineering Mathematics II	FT 1301	Engineering Mathematics II
FT 302	Physical Chemistry	FT 1302	Physical Chemistry
FT 303	Organic Chemistry	FT 1303	Organic Chemistry
FT 304	Micro Biology	FT 1304	Microbiology
FT 305	Food Chemistry & Nutrition	FT 1305	Biochemistry and Nutrition
FT 306	Theory of Machines	FT 1306	Theory of Machines
FT 307	Microbiology Laboratory	FT 13L1	Microbiology Lab
FT 308	Physical and Organic Chemistry Lab	FT 13L2	Physical and Organic Chemistry Lab

**SEMESTER IV**

<b>Code No.</b>	<b>Subject (2006)</b>	<b>Code No.</b>	<b>Subject (2012)</b>
FT 401	Engineering Mathematics III	FT 1401	Engineering Mathematics III
FT 402	Principles of Chemical Engineering	FT 1402	Principles of Chemical Engineering
FT 403	Biochemistry	FT 1403	Heat and Mass Transfer
FT 404	Heat & Mass Transfer	FT 1404	Unit Operations in Food Processing
FT 405	Unit Operations	FT 1405	Refrigeration and Cold Chain
FT 406	Refrigeration & Cold Chain	FT 1406	Food Microbiology
FT 407	Biochemistry Laboratory	FT 14L1	Food Microbiology Lab
FT 408	Unit Operations Laboratory	FT 14L2	Unit Operations Lab

**SEMESTER V**

<b>Code No.</b>	<b>Subject (2006)</b>	<b>Code No.</b>	<b>Subject (2012)</b>
FT 501	Engineering Mathematics IV	FT 1501	Engineering Mathematics-IV
FT 502	Food Microbiology	FT 1502	Food Chemistry and Additives
FT 503	Food Additives	FT 1503	Food Process Engineering
FT 504	Food Process Engineering	FT 1504	Principles of Food Processing and Preservation
FT 505	Diary Plant Engineering	FT 1505	Food Process Equipment and Design
FT 506	Instrumental Methods of Analysis	FT 1506	Food Analysis
FT 507	Food Microbiology Laboratory	FT 15L1	Food Analysis Lab
FT 508	Instrumental Methods of Analysis Laboratory	FT 15L2	Food Chemistry and Biochemistry Lab

**SEMESTER VI**

<b>Code No.</b>	<b>Subject (2006)</b>	<b>Code No.</b>	<b>Subject (2012)</b>
FT 601	Fruit and Vegetable Processing	FT 1601	Fruit and Vegetable Processing
FT 602	Food Analysis	FT 1602	Dairy Plant Engineering
FT 603	Cereals and Legume Technology	FT 1603	Cereals, Pulses and Oil Seeds Processing
FT 604	Food Product Development	FT 1604	Food Product Design and Development
FT 605	Process Plant Equipment and Design	FT 1605	Food Plant Layout and Design
FT 606	Fish Processing Technology	FT 1606 E1	Fermentation and Enzyme Technology
		FT 1606 E2	Food Flavourings
		FT 1606 E3	Food Laws and Regulations
		FT 1606 E4	Plant Maintenance and Safety and Hygiene
FT 607	Food Processing Laboratory	FT 16L1	Food Processing Lab
FT 608	Food Analysis Laboratory	FT 16L2	Mini Project

**SEMESTER VII**

<b>Code No.</b>	<b>Subject (2006)</b>	<b>Code No.</b>	<b>Subject (2012)</b>
FT 701	Food Fermentation	FT 1701	Food Quality System and Management
FT 702	Food Preservation	FT 1702	Engineering Properties of Food
FT 703	Food Safety and Hazard Analysis	FT 1703	Food Packaging Technology
FT 704	Instrumentation & Process Control	FT 1704	Instrumentation and Process Control
FT 705A	Beverage Processing	FT 1705 E1	Beverage Processing
FT 705B	Food Packaging Technology	FT 1705 E2	Food Process Modelling
FT 705C	Food Plant Layout and Design	FT 1705 E3	Technology of meat Poultry and Egg Processing
FT 705D	Bakery and Confectionery Technology	FT 1705 E4	Bakery and Confectionery Technology
FT 706	Food Preservation Laboratory	FT 17L1	Food Preservation Lab
FT 707	Engineering Properties Laboratory	FT 17L2	Engineering Properties Lab
FT 708	Seminar	FT 17L3	Project Design
FT 709	Project Design	FT 17L4	Seminar

**SEMESTER VIII**

<b>Code No.</b>	<b>Subject (2006)</b>	<b>Code No.</b>	<b>Subject (2012)</b>
FT 801	Management of Food Processing Industries	FT 1801	Management of Food Processing Industries
FT 802	Regulatory Issues in Food Industry	FT 1802	Entrepreneurship Development for Food Technology
FT 803	Meat and Poultry Processing	FT 1803	Technology of Plantation Crops and Spices
FT 804A	Total Quality Management	FT 1804 E1	Fish Processing Technology
FT 804B	Food Biotechnology	FT 1804 E2	Food Biotechnology
FT 804C	Food Industry Waste Management	FT 1804 E3	Food Industry Waste Management
FT 804D	Enzyme Technology	FT 1804 E4	Neutraceuticals and Functional Foods
FT 805	Project	FT 18L1	Project
FT 806	Viva-Voce	FT 18L2	Viva Voce