


Curriculum of B. Tech. in Food Engineering and Technology

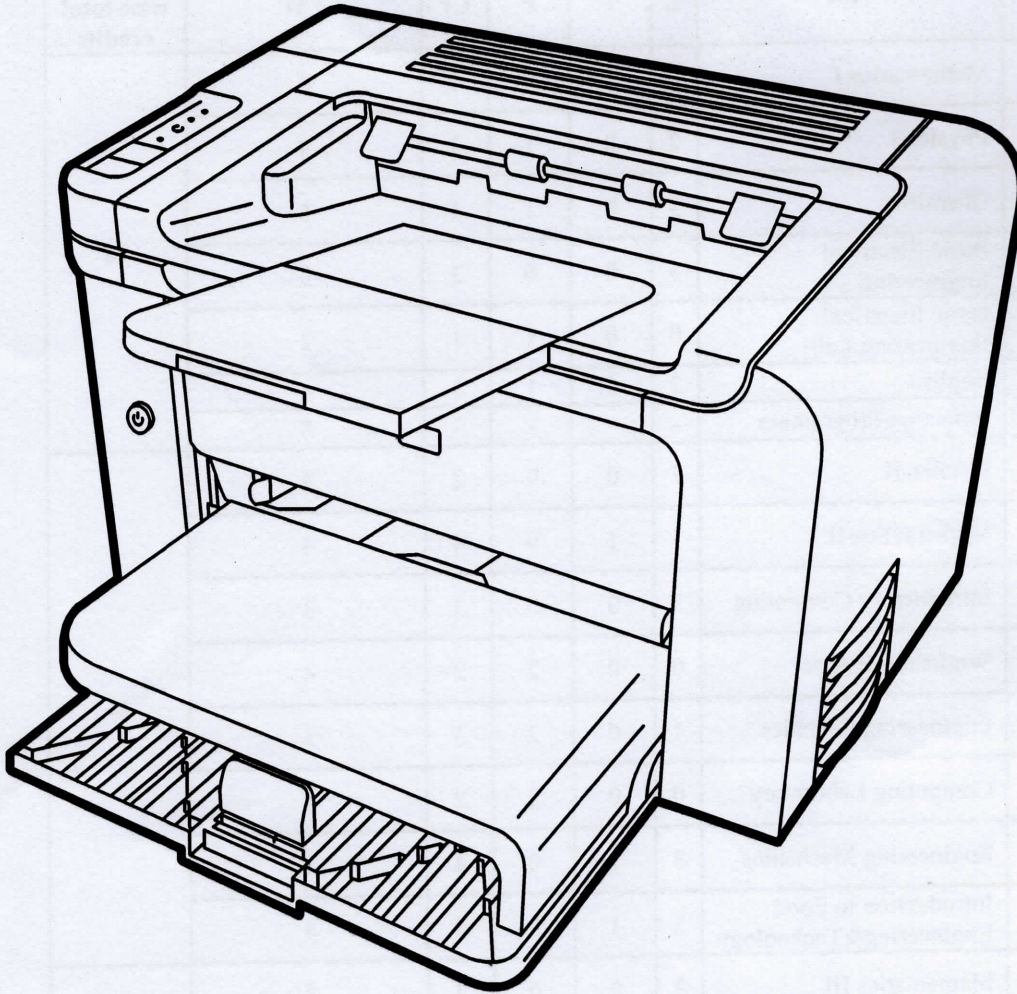
Semester-wise distribution of courses

SEM	Course detail								Semester-wise total credits
	SN	Code	Title	L	T	P	Cr	CH	
I	1	MS 104	Mathematics-I	3	1	0	4	4	18
	2	PH 103	Physics-I	2	0	1	3	4	
	3	CH 103	Chemistry	3	0	1	4	5	
	4	EE 103	Basic Electrical Engineering	3	0	0	3	3	
	5	EE 104	Basic Electrical Engineering Lab	0	0	1	1	2	
	6	EF 103	English	2	0	1	3	4	
	7	SE 100	Induction Programme	-	-	-	-	8	
II	1	PH 104	Physics-II	2	0	0	2	2	24
	2	MS 105	Mathematics-II	3	1	0	4	4	
	3	CO 103	Introductory Computing	3	0	0	3	3	
	4	ME 103	Workshop Practice	0	0	2	2	4	
	5	CE 103	Engineering Graphics	1	0	2	3	5	
	6	CO 104	Computing Laboratory	0	0	2	2	4	
	7	ME 102	Engineering Mechanics	3	1	0	4	4	
	8	FE 101	Introduction to Food Engineering & Technology	3	1	0	4	4	
III	1	MS 205	Mathematics III	3	0	0	3	3	22
	2	BA 201	Economics	3	0	0	3	3	
	3	FE 201	Biochemistry and Nutrition	3	0	1	4	5	
	4	FE 202	Process Thermodynamics & Reaction Kinetics	3	1	0	4	4	
	5	FE 203	Fluid Mechanics	2	1	1	4	5	
	6	FE 204	Basic & Food Microbiology	3	0	1	4	5	
	7	ES 201	Environmental Science	1	0	1	0	3	
IV	1	FE 205	Food Chemistry	3	0	1	4	5	21
	2	FE 206	Transport Phenomena	2	1	1	4	5	
	3	FE 207	Principles of Food Processing & Preservation	2	0	0	2	2	
	4	FE 208	Mechanical Operations & Material Handling	2	0	1	3	4	
	5	FE 209	Food Process Calculations	1	1	0	2	2	
	6	FE 210	Food Material Science & Engineering	3	0	0	3	3	
	7	XXxxx	Open Elective I	3	0	0	3	3	


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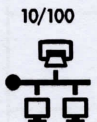
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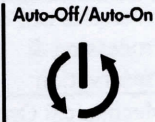


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¹ Requires an Internet connection to the printer. Feature works with any Internet- and e-mail-capable device. Print times may vary. For a list of supported documents and image types, see www.hp.com/go/eprintcenter.


² Supports iOS 4.2 devices (iPad®, iPhone® 4, iPhone® 3GS, iPod touch® 3rd, 4th generation) that support multi-tasking. Works with HP ePrint-enabled printers and all-in-ones. AirPrint™ and iOS 4.2 devices require an 802.11 "Wireless network" connection to the printer. Wireless performance is dependent upon physical environment and distance from the access point. AirPrint and the AirPrint logo are trademarks of Apple Inc. iPad, iPhone, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries.

³ For Windows only

⁴ First page out in less than 8.5 seconds

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V	1	FE 301	Instrumentation & Process Control in Food Industry	3	0	1	4	5	24
	2	FE 302	Thermal Operations in Food Processing	2	1	1	4	5	
	3	FE 303	Separation Techniques in Food Processing	2	0	1	3	4	
	4	FE 304	Grains and Oilseeds Processing Technology	2	0	1	3	4	
	5	FE 305	Food Analysis & Quality Control	3	0	1	4	5	
	6	FExxx	FE Elective I	3	0	0	3	3	
	7	XXxxx	Open elective II	3	0	0	3	3	
	8	LW 301	Indian Constitution	1	0	0	0	1	
VI	1	IC 361	Accounting & Financial Management	3	0	0	3	3	22
	2	FE 306	Food Packaging Technology	2	0	1	3	4	
	3	FE 307	Food Process Equipment Design	2	1	0	3	3	
	4	FE 308	Fruits and Vegetables Processing Technology	2	0	1	3	4	
	5	FE 309	Biochemical Engineering	2	0	1	3	4	
	6	FExxx	FE Elective II	3	0	0	3	3	
	7	XXxxx	Open elective III	3	0	0	3	3	
	8	FE 350	Credit seminar	0	0	1	1	2	
VII	1	XXxxx	HSS//Management Elective	3	0	0	3	3	21
	2	FE 401	Dairy Products Technology	2	0	1	3	4	
	3	FE 402	Plantation Products & Spices Processing Technology	2	0	1	3	4	
	4	FExxx	FE Elective III	3	0	0	3	3	
	5	FExxx	FE Elective IV	3	0	0	3	3	
	6	FE 471	Industrial Summer Training	0	0	2	2	-	
	7	FE 481	Project-I	0	0	4	4	16	
	8	CT 430	Essence of Indian Traditional Knowledge	1	0	0	0	1	
VIII	1	XXxxx	Open elective IV	3	0	0	3	3	11
	2	FE 480	Comprehensive viva-voce	0	0	0	0	-	
	3	FE 482	Project-II	0	0	8	8	32	


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