

B.E. AGRICULTURAL ENGINEERING
Minimum Credits to be Earned 172.0

First Semester

Code No.	Course	Objectives & Outcomes		L	T	P	C
		PEOs	POs				
18AG101	ENGINEERING MATHEMATICS I	I,II,III	a,b	3	1	0	4
18AG102	ENGINEERING PHYSICS I	I,II,III,IV	a,b,i	2	0	2	3
18AG103	ENGINEERING CHEMISTRY I	I,II,III,IV	a,b,g	2	0	2	3
18AG104	BASIC ELECTRICAL ENGINEERING	I,II,III,IV	a,b,c,d,g,i	2	0	2	3
18HS101	COMMUNICATIVE ENGLISH I	II,IV	i,j	1	0	2	2
18AG105	ENGINEERING DRAWING	I,II,III,IV	a,b,c,d,e,i,j	1	0	4	3
Total				11	1	12	18.0

Second Semester

Code No.	Course	Objectives & Outcomes		L	T	P	C
		PEOs	POs				
18AG201	ENGINEERING MATHEMATICS II	I,II,III	a,b	3	1	0	4
18AG202	ENGINEERING PHYSICS II	I,II,III,IV	a,b,i	2	0	2	3
18AG203	ENGINEERING CHEMISTRY II	I,II,III,IV	a,b,g	2	0	2	3
18AG204	COMPUTER PROGRAMMING I	I,II,III	a,b,c,e	2	0	2	3
18AG205	PRINCIPLES OF CROP PRODUCTION TECHNOLOGY	I,II,III,IV	a,b,c,d,e,g,i,l	2	0	2	3
	LANGUAGE ELECTIVE	-	-	-	-	-	2
18AG207	ENGINEERING PRACTICES LABORATORY	I,II,III	a	0	0	4	2
Total				11	1	12	20.0

Third Semester

Code No.	Course	Objectives & Outcomes		L	T	P	C
		PEOs	POs				
18AG301	ENGINEERING MATHEMATICS III	I,II,III	a,b,c	3	1	0	4
18AG302	ENGINEERING THERMODYNAMICS	I,II,III,IV	a,b,c,d,e,f,g,h,j,l	3	0	0	3
18AG303	FLUID MECHANICS	I,II,III	a,b,c	3	0	2	4
18AG304	STRENGTH OF MATERIALS	I,II,III,IV	a,b,c,d,e,m,n	3	1	0	4
18AG305	SOIL MECHANICS	I,II,III,IV	a,b,c,d,e,g	3	0	2	4
18AG306	SURVEYING AND LEVELLING	I,II,III,IV	a,b,c,d,e,f,g	3	0	0	3
18AG307	COMPUTER PROGRAMMING II	I,II,III,IV	a,b,c,d,e,f,h	1	0	4	3
18AG308	SURVEYING AND LEVELLING LABORATORY	I,II,III,IV	a,b,c,d,e,f	0	0	2	1
18GE301	SOFT SKILLS - VERBAL ABILITY	-	-	2	0	0	0
Total				21	2	10	26.0

Fourth Semester

Code No.	Course	Objectives & Outcomes		L	T	P	C
		PEOs	POs				
18AG401	NUMERICAL METHODS AND STATISTICS	I,II,III	a,b	3	1	0	4
18AG402	HEAT AND MASS TRANSFER	I,II,III,IV	a,b,c,d,e,f,g,i,j	3	0	2	4
18AG403	HYDROLOGY	I,II,III,IV	a,b,c,d,f,g,i,j,m	3	1	0	4
18AG404	PRODUCTION TECHNOLOGY OF HORTICULTURAL CROPS	I,II,III,IV	a,b,c,d,e,f,h,k	2	0	2	3
18AG405	TRACTOR AND FARM ENGINES	I,II,III,IV	a,b,c,d,e,f,g,h,i,j,l,m	3	0	0	3
18AG406	FARM STRUCTURES AND GREEN HOUSE TECHNOLOGY	I,II,III,IV	a,b,c,d,e,f,g,i	3	1	0	4
18AG407	TRACTOR AND FARM ENGINES LABORATORY	I,II,III,IV	a,b,c,e,f,g	0	0	4	2
18AG408	COMPUTER AIDED DESIGN LABORATORY	I,II,III,IV	a,b,c,d,e	0	0	4	2
18HS001	ENVIRONMENTAL SCIENCE	I,II,III	a,b	2	0	0	0
18GE401	SOFT SKILLS-REASONING	-	-	2	0	0	0
Total				21	3	12	26.0

Fifth Semester

Code No.	Course	Objectives & Outcomes		L	T	P	C
		PEOs	POs				
18AG501	FARM IMPLEMENTS AND EQUIPMENT	I,II,III,IV	a,b,c,d,e,f,g,h,i,j,k,m,n	3	0	0	3
18AG502	SOIL AND WATER CONSERVATION ENGINEERING	I,II,III,IV	a,b,c,d,e,f,g,h,i,m,n	3	0	2	4
18AG503	UNIT OPERATIONS IN AGRICULTURAL PROCESS ENGINEERING	I,II,III,IV	a,b,c,d,e,g,i,k,l,n	3	0	0	3
18AG504	IOT IN AGRICULTURAL SYSTEMS	I,II,III,IV	a,b,c,e,i	3	0	2	4
	PROFESSIONAL ELECTIVES I	-	-	-	-	-	3
	PROFESSIONAL ELECTIVES II	-	-	-	-	-	3
18AG507	FARM IMPLEMENTS AND EQUIPMENT LABORATORY	I,II,III,IV	a,b,c,d,e,g,k,l	0	0	2	1

18AG508	UNIT OPERATIONS IN AGRICULTURAL PROCESS ENGINEERING LABORATORY	I,II,III,IV	a,b,c,d	0	0	2	1
18GE501	SOFT SKILLS - APTITUDE I	-	-	0	0	2	0
Total				12	0	10	22.0
Sixth Semester							
Code No.	Course	Objectives &Outcomes		L	T	P	C
		PEOs	POs				
18HS002	PROFESSIONAL ETHICS IN ENGINEERING	-	-	2	0	0	2
18AG602	IRRIGATION AND DRAINAGE ENGINEERING	I,II,III,IV	a,b,c,d,e,f,i,n	3	0	0	3
18AG603	POST HARVEST TECHNOLOGY OF AGRICULTURAL CROPS	I,II,III,IV	a,b,c,d,e,f,g,i,n	3	0	0	3
18AG604	TRANSFER OF AGRICULTURE TECHNOLOGY	I,II,III,IV	a,b,c,d,e,f,g,h,i,j,l	3	0	0	3
	PROFESSIONAL ELECTIVE III	-	-	-	-	-	3
	PROFESSIONAL ELECTIVE IV	-	-	-	-	-	3
18AG607	IRRIGATION ENGINEERING LABORATORY	I,II,III,IV	a,b,c,d,e,i	0	0	2	1
18AG608	POST HARVEST TECHNOLOGY OF AGRICULTURAL CROPS LABORATORY	I,II,III,IV	a,b,c,d,e,f,g,i	0	0	2	1
18GE601	SOFT SKILLS-APTITUDE II	-	-	0	0	2	0
Total				11	0	6	19.0
Seventh Semester							
Code No.	Course	Objectives &Outcomes		L	T	P	C
		PEOs	POs				
18HS003	PRINCIPLES OF MANAGEMENT	-	-	2	0	0	2
18AG702	RENEWABLE ENERGY RESOURCES	I,II,III,IV	a,b,c,d,e,f,g,n	3	0	2	4
18AG703	FOOD AND DAIRY ENGINEERING	I,II,III,IV	a,b,c,d,e,f,g,k,m,n	3	0	0	3
18AG704	RS AND GIS FOR NATURAL RESOURCE MANAGEMENT	I,II,III,IV	a,b,c,d,f,g,i,m,n	3	0	0	3
	PROFESSIONAL ELECTIVE V	-	-	-	-	-	3
	PROFESSIONAL ELECYIVE VI	-	-	-	-	-	3
18AG707	RS AND GIS LABORATORY	I,II,III,IV	a,b,c,d,e	0	0	2	1
18AG708	FOOD AND DAIRY ENGINEERING LABORATORY	I,II,III,IV	a,b,c,d,e	0	0	2	1
18AG709	PROJECT WORK I	I,II,III,IV	a,b,c,d,e,g,i,j,k,n	0	0	6	3
Total				11	0	12	23.0
Eight Semester							
Code No.	Course	Objectives &Outcomes		L	T	P	C
		PEOs	POs				
18AG804	PROJECT WORK II	-	-	0	0	18	9
	PROFESSIONAL ELECTIVE VII	-	-	-	-	-	3
	PROFESSIONAL ELECTIVE VIII	-	-	-	-	-	3
	PROFESSIONAL ELECTIVE IX	-	-	-	-	-	3
Total				0	0	18	18.0
Electives							
Code No.	Course	Objectives &Outcomes		L	T	P	C
		PEOs	POs				
LANGUAGE ELECTIVES							
18HSC01	CHINESE	-	-	1	0	2	2
18HSG01	GERMAN	-	-	1	0	2	2
18HSH01	HINDI	-	-	1	0	2	2
18HSJ01	JAPANESE	-	-	1	0	2	2
DISCIPLINE ELECTIVES							
18AG002	REFRIGERATION AND COLD STORAGE	I,II,III,IV	a,b,c,d,e,f,i,l	3	0	0	3
18AG003	STORAGE AND PACKAGING TECHNOLOGY	I,II,III,IV	a,b,c,d,f,g,h	3	0	0	3
18AG004	TECHNOLOGY OF SEED PROCESSING	I,II,III,IV	a,b,c,d,e,f,g,i	3	0	0	3
18AG005	FAT AND OIL PROCESSING	I,II,III,IV	a,b,c,d,e,g,h,i	3	0	0	3
18AG006	HORTICULTURAL CROP PROCESS ENGINEERING	I,II,III,IV	a,b,c,d,e,f,i	3	0	0	3
18AG007	SUGAR TECHNOLOGY	I,II,III,IV	a,b,c,d,e,f	3	0	0	3
18AG008	BIO AND THERMO CHEMICAL CONSERVATION OF BIO MASS	I,II,III,IV	a,b,c,g	3	0	0	3
18AG009	SOLAR AND WIND ENGINEERING	I,II,III,IV	a,b,c,d,e,f,g	3	0	0	3
18AG010	ENERGY CONSERVATION IN AGRO BASED INDUSTRY	I,II,III,IV	a,b,c,d,e,f,i,l,m,n	3	0	0	3
18AG011	CO -GENERATION AND WASTE HEAT RECOVERY SYSTEMS	I,II,III,IV	a,b,c,d,e,f,g	3	0	0	3
18AG012	PROTECTED CULTIVATION	I,II,III,IV	a,b,c,d,e,f,g,i	3	0	0	3
18AG013	WATERSHED PLANNING AND MANAGEMENT	I,II,III,IV	a,b,c,d,e,f,g,h,i,l	3	0	0	3

18AG014	RESERVOIR AND FARM POND DESIGN	I,II,III,IV	a,b,c,d,e,f,g	3	0	0	3
18AG015	DESIGN OF MICRO IRRIGATION SYSTEMS	I,II,III,IV	a,b,c,d,e,f,g,i,m,n	3	0	0	3
18AG016	MECHANICS OF TILLAGE AND TRACTION	I,II,III,IV	a,b,c,d,e,f,i	3	0	0	3
18AG017	PRODUCTION TECHNOLOGY OF AGRICULTURAL MACHINERY	I,II,III,IV	a,b,c,d,e,f,g,j,k,l	3	0	0	3
18AG018	HUMAN ENGINEERING AND SAFETY	I,II,III,IV	a,b,c,d,e,f,g	3	0	0	3
18AG019	DISASTER MANAGEMENT	I,II,III,IV	a,c,d,e,f,g,h,i,j,m	3	0	0	3
18AG020	CDM AND CARBON TRADING TECHNOLOGY	I,II,III,IV	a,b,c,d,e,f,g,j	3	0	0	3
18AG021	CLIMATE CHANGE AND ADOPTION	I,II,III,IV	a,b,c,d,f,g	3	0	0	3
18AG022	AGRICULTURAL MARKETING	I,II,III,IV	a,b,c,d,e,f,g,h,i,j,k,l	3	0	0	3
18AG023	PLANT PROTECTION	I,II,III,IV	a,b,c,d,e,f,g,h,i,j,k,l	3	0	0	3
18AG024	EMERGING TECHNOLOGIES IN FOOD PROCESS ENGINEERING	I,II,III,IV	a,b,c,d,e,f,i,l	3	0	0	3
18AG025	MUSHROOM PRODUCTION TECHNOLOGY	I,II,III,IV	b,c,f,g,h,i,j,k	3	0	0	3
18AG026	AGRI BUSINESS MANAGEMENT AND ENTREPRENEURSHIP	I,II,III,IV	a,b,c,d,e,f,g,h,i,k	3	0	0	3
18AG027	AGRICULTURAL FINANCE, BANKING AND COOPERATION	I,II,III,IV	a,b,c,d,e,f,g,h,k	3	0	0	3
18AG028	DESIGN OF AGRICULTURE MACHINERY	I,II,III,IV	a,b,c,d,e,f,g,h,i,j,m,n	3	0	0	3

OPEN ELECTIVES

18AG0YA	ENTREPRENEURSHIP DEVELOPMENT AND FOOD QUALITY MANAGEMENT FOOD INDUSTRY	-	-	3	0	0	3
18AG0YB	HUMAN ENGINEERING AND SAFETY IN AGRICULTURE	-	-	3	0	0	3
18AG0YC	ENERGY MANGEMENT IN AGRICULTURE	-	-	3	0	0	3
18AG0YD	FARM MECHANISATION	-	-	3	0	0	3
18GE0C1	CORROSION SCIENCE AND ENGINEERING	I,II,III,IV	a,b,g	3	0	0	3
18GE0C2	ENERGY STORING DEVICES	I,II,III	a,b	3	0	0	3
18GE0C3	POLYMER SCIENCE	I,II,III	a,b,c	3	0	0	3
18GE0P1	NANOMATERIALS SCIENCE	-	-	3	0	0	3
18GE0P2	SEMICONDUCTOR PHYSICS AND DEVICES	-	-	3	0	0	3
18GE0P3	APPLIED LASER SCIENCE	-	-	3	0	0	3
18GE0P4	BIO-PHOTONICS	-	-	3	0	0	3
18GE0P5	PHYSICS OF SOFT MATTER	-	-	3	0	0	3
18MC0YA	INDUSTRIAL ROBOTICS	-	-	3	0	0	3

ADDITIONAL ONE CREDIT COURSE

ADDITIONAL ONE CREDIT COURSE							
18AG0XA	OPERATION AND MAINTAINANCE OF MICRO IRRIGATION SYSTEM	I,II,III	a,b,c	1	0	0	1
18AG0XC	TRAINING ON MAINTENANCE ASPECTS OF TRACTOR / COMBINE HARVESTER/ POWER TILLER	-	-	1	0	0	1
18AG0XD	CUSTOM HIRING CENTRE	I,II,III,IV	a,b,c,d,f,h	1	0	0	1
18AG0XE	AGRO PROCESSING CENTRE	I,II,III	a,b,e	1	0	0	1
18AG0XG	MILLET PROCESSING AND COOKIES	-	-	1	0	0	1
18AG0XH	COCONUT PROCESSING AND VALUE ADDITION	-	-	1	0	0	1
18GE0XA	ETYMOLOGY	-	-	1	0	0	1
18GE0XB	GENERAL PSYCHOLOGY	-	-	1	0	0	1
18GE0XC	NEURO BEHAVIORAL SCIENCE	II,IV	i	1	0	0	1
18GE0XD	VISUAL MEDIA AND FILM MAKING	I,II,III,IV	b,f	1	0	0	1
18GE0XE	YOGA FOR HUMAN EXCELLENCE	-	-	1	0	0	1
18GE0XF	VEDIC MATHEMATICS	-	-	1	0	0	1
18GE0XG	HEALTH AND FITNESS	-	-	1	0	0	1
18GE0XH	CONCEPT, METHODOLOGY AND APPLICATIONS OF VERMICOMPOSTING	-	-	1	0	0	1
18GE0XI	BLOG WRITING	II,IV	f,g,j	1	0	0	1
18GE0XJ	INTERPERSONAL SKILLS	-	-	1	0	0	1
18GE0XL	NATIONAL CADET CORPS	II,IV	g,i	1	0	0	1
18GE0XN	DISRUPTIVE INNOVATION BASED STARTUP ACTIVITIES	-	-	1	0	0	1
18GE0XO	SOCIAL PSYCHOLOGY	II,IV	i	1	0	0	1

LANGUAGE ELECTIVES

18HSF01	FRENCH	-	-	1	0	2	2
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DISCIPLINE ELECTIVES

18AG001	BUILDING MATERIALS, ESTIMATION AND COSTING	I,II,III,IV	a,b,c,d,e,g,m, n	3	0	0	3
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<p>ADDITIONAL ONE CREDIT COURSE</p>
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ADDITIONAL ONE CREDIT COURSES							
18AG0XB	TRAINING THE MANUFACTURE OF AGRICULTURAL IMPLEMENTS	-	-	1	0	0	1
18AG0XF	LANDSCAPE DESIGNING AND ARCHITECTURE	I,II,III	a,b,c	1	0	0	1
18GE0XK	NEW AGE INNOVATION AND ENTREPRENEURSHIP	-	-	1	0	0	1
18GE0XM	COMMUNITY SERVICE AND LEADERSHIP DEVELOPMENT	-	-	1	0	0	1

LANGUAGE ELECTIVES

18HS201	COMMUNICATIVE ENGLISH II	I,II,III,IV	a,i,j	1	0	2	2
OPEN ELECTIVES							
18AE0YA	NON-DESTRUCTIVE TESTING	-	-	3	0	0	3
18AE0YB	SMART MATERIALS	-	-	3	0	0	3
18AE0YC	FUNDAMENTALS OF AIRCRAFT ENGINEERING	-	-	3	0	0	3
18AU0YA	AUTOMOTIVE ENGINEERING	-	-	3	0	0	3
18AU0YB	VEHICLE CONTROL SYSTEMS	-	-	3	0	0	3
18AU0YC	PUBLIC TRANSPORT MANAGEMENT	-	-	3	0	0	3
18AU0YD	TECHNOLOGIES FOR GREEN MOBILITY	-	-	3	0	0	3
18AU0YE	TROUBLE SHOOTING AND MAINTENANCE OF AUTOMOBILES	-	-	3	0	0	3
18BT0YA	BIOFUELS	-	-	3	0	0	3
18BT0YB	MUSHROOM CULTIVATION AND VERMICOMPOSTING	-	-	3	0	0	3
18BT0YC	FORENSIC TECHNOLOGY	-	-	3	0	0	3
18CE0YA	GREEN BUILDINGS	-	-	3	0	0	3
18CE0YB	DISASTER PREPAREDNESS AND PLANNING	-	-	3	0	0	3
18CE0YC	ENVIRONMENTAL IMPACT ASSESSMENT	-	-	3	0	0	3
18CE0YD	BUILDING SERVICES	-	-	3	0	0	3
18CE0YE	INDUSTRIAL WASTE MANAGEMENT	-	-	3	0	0	3
18CE0YF	WEALTH FROM WASTE	-	-	3	0	0	3
18CE0YG	RISK AND SAFETY MANAGEMENT	-	-	3	0	0	3
18CE0YH	ENERGY SCIENCE AND ENGINEERING	-	-	3	0	0	3
18CE0YI	CONCEPTS OF REMOTE SENSING	-	-	3	0	0	3
18CS0YA	E-LEARNING TECHNIQUES	-	-	3	0	0	3
18CS0YB	SOFTWARE TESTING AND QUALITY ASSURANCE	-	-	3	0	0	3
18CS0YC	JAVA FUNDAMENTALS	-	-	3	0	0	3
18CS0YD	NETWORK ENGINEERING AND MANAGEMENT	-	-	3	0	0	3
18CS0YE	AGENT BASED INTELLIGENT SYSTEMS	-	-	3	0	0	3
18CS0YF	E-BUSINESS	-	-	3	0	0	3
18CS0YG	KNOWLEDGE DISCOVERY IN DATABASES	-	-	3	0	0	3
18CS0YH	SOCIAL NETWORK ANALYSIS CONCEPTS	-	-	3	0	0	3
18CS0YI	OPERATING SYSTEM CONCEPTS	-	-	3	0	0	3
18CS0YJ	OBJECT ORIENTED PROGRAMMING	-	-	3	0	0	3
18EC0YA	BASICS OF ANALOG AND DIGITAL ELECTRONICS	-	-	3	0	0	3
18EC0YB	AUTOMOTIVE ELECTRONICS	-	-	3	0	0	3
18EC0YC	PCB DESIGN AND PROTOTYPING	-	-	3	0	0	3
18EC0YD	MICROCONTROLLER PROGRAMMING	-	-	3	0	0	3
18EC0YE	ENGINEERING COMPUTATION WITH MATLAB	-	-	3	0	0	3
18EC0YF	BASICS OF HARDWARE DESCRIPTION LANGUAGES	-	-	3	0	0	3
18EC0YG	FUNDAMENTALS OF EMBEDDED SYSTEMS	-	-	3	0	0	3
18EC0YH	PRINCIPLES OF COMMUNICATION SYSTEMS	-	-	3	0	0	3
18EC0YI	ELECTRONIC PRODUCT DESIGN AND PACKAGING	-	-	3	0	0	3
18EC0YJ	PRINCIPLES OF COMPUTER COMMUNICATION AND NETWORKS	-	-	3	0	0	3
18EE0YA	ENERGY CONSERVATION AND MANAGEMENT	-	-	3	0	0	3
18EE0YB	ELECTRICAL SAFETY	-	-	3	0	0	3
18EE0YC	INDUSTRIAL DRIVES AND CONTROL	-	-	3	0	0	3
18EI0YA	PROGRAMMABLE LOGIC CONTROLLERS	-	-	3	0	0	3
18EI0YB	SENSOR TECHNOLOGY	-	-	3	0	0	3
18EI0YC	FUNDAMENTALS OF VIRTUAL INSTRUMENTATION	-	-	3	0	0	3
18EI0YD	OPTOELECTRONICS AND LASER INSTRUMENTATION	-	-	3	0	0	3
18FD0YA	TRADITIONAL FOODS	-	-	3	0	0	3
18FD0YB	FOOD LAWS AND REGULATIONS	-	-	3	0	0	3
18FD0YC	POST HARVEST TECHNOLOGY OF FRUITS AND VEGETABLES	-	-	3	0	0	3
18FT0YA	FASHION CRAFTS	-	-	3	0	0	3
18FT0YB	FASHION ACCESSORIES	-	-	3	0	0	3
18FT0YC	FASHION VISUAL MERCHANDISING	-	-	3	0	0	3
18FT0YD	INTERIOR DESIGN	-	-	3	0	0	3
18FT0YE	SURFACE EMBELLISHMENT	-	-	3	0	0	3
18GE01	BUSINESS ANALYTICS	-	-	3	0	0	3
18GE02	INDUSTRIAL SAFETY	-	-	3	0	0	3
18GE03	OPERATIONS RESEARCH	-	-	3	0	0	3
18GE04	COST MANAGEMENT OF ENGINEERING PROJECTS	-	-	3	0	0	3
18GE05	COMPOSITE MATERIALS	-	-	3	0	0	3
18GE06	WASTE TO ENERGY	-	-	3	0	0	3
18IT0YA	DATABASE MANAGEMENT SYSTEMS	-	-	3	0	0	3
18IT0YB	DATA STRUCTURES AND ALGORITHMS	-	-	3	0	0	3
18IT0YC	DATA SCIENCES AND ANALYTICS	-	-	3	0	0	3
18IT0YD	OBJECT ORIENTED PROGRAMMING	-	-	3	0	0	3
18IT0YE	ARTIFICIAL INTELLIGENCE	-	-	3	0	0	3

18ME0YA	INDUSTRIAL PROCESS ENGINEERING	-	-	3	0	0	3
18ME0YB	SAFETY ENGINEERING	-	-	3	0	0	3
18ME0YC	MAINTENANCE ENGINEERING	-	-	3	0	0	3
18ME0YD	BASICS OF NON-DESTRUCTIVE TESTING	-	-	3	0	0	3
18ME0YE	DIGITAL MANUFACTURING	-	-	3	0	0	3
18ME0YF	WORK STUDY AND ERGONOMICS	-	-	3	0	0	3
18ME0YG	METROLOGY IN INDUSTRY	-	-	3	0	0	3
18ME0YH	PLANT LAYOUT AND MATERIAL HANDLING	-	-	3	0	0	3
18ME0YI	CONCEPTS OF ENGINEERING DESIGN	-	-	3	0	0	3
18ME0YJ	OIL HYDRAULICS AND PNEUMATICS	-	-	3	0	0	3
18ME0YK	ENERGY AUDITING AND MANAGEMENT	-	-	3	0	0	3
18ME0YL	LEAN SIX SIGMA	-	-	3	0	0	3
18ME0YM	HEATING VENTILATION AND AIRCONDITIONING	-	-	3	0	0	3
18TT0YA	YARN AND FABRIC MANUFACTURE	-	-	3	0	0	3
18TT0YB	COLOURATION OF TEXTILES	-	-	3	0	0	3
18TT0YC	TEXTILES IN ENGINEERING APPLICATION	-	-	3	0	0	3
18TT0YD	GENERAL TEXTILE TECHNOLOGY	-	-	3	0	0	3

