	B.E. AERONAUTICAL ENGI Minimum Credits to be Eari						
First Semeste		ned 172.0					
i iist Seilleste		Ohioativa	- 8 Out			<u> </u>	1
Code No.	Course		s &Outcomes	L	Т	Р	С
4045404	ENGINEEDING MATHEMATICO I	PEOs	POs	0	4		<b>_</b>
18AE101 18AE102	ENGINEERING MATHEMATICS I ENGINEERING PHYSICS I	1,11,111	a,b	3	0	0	3
18AE102	ENGINEERING CHEMISTRY I	1,11,111	a,b,i a,b	2	0	2	3
18AE104	AIRCRAFT PRODUCTION TECHNOLOGY	1,11	a,b,c,d,e,f	2	0	2	3
18HS101	COMMUNICATIVE ENGLISH I	11,111	i,j	1	0	2	2
18AE106	COMPUTER PROGRAMMING I	1,11	a,b,c,e	0	0	4	2
			Total	10	1	12	17.0
Second Seme	ster						
	Course	Objective	s &Outcomes	_	_	_	
Code No.		PEOs	POs	L	Т	P	C
18AE201	ENGINEERING MATHEMATICS II	PEOS	a,b	3	1	0	4
18AE202	ENGINEERING PHYSICS II	<del>-  </del>	a,b	2	1	0	3
18AE203	ENGINEERING CHEMISTRY II	·	a,b	2	0	2	3
18AE204	BASICS OF ELECTRICAL ENGINEERING	i i	a,b	2	0	2	3
	LANGUAGE ELECTIVE	<del> </del> -	<del> </del> -	-	-	-	2
18AE206	ENGINEERING DRAWING	1,11,111	a,i,j	1	0	4	3
18AE207	COMPUTER PROGRAMMING II	1,11	a,b,e	0	0	4	2
		<b>.</b>	Total	10	2	12	20.0
Third Semeste	er						
		Objectives	s &Outcomes			_	
Code No.	Course	PEOs	POs	L	Т	P	C
18AE301	ENGINEERING MATHEMATICS III	I FLOS	a,b	3	1	0	4
18AE302	PRINCIPLES OF FLIGHT	<del> </del>	a,b,c	3	0	0	3
18AE303	SOLID MECHANICS	i i	a,b	2	1	2	4
18AE304	FLUID MECHANICS	i i	a,b,c,d	2	1	2	4
18AE305	AERO ENGINEERING THERMODYNAMICS	i	a,b	3	1	0	4
18AE306	BASICS OF ELECTRONICS ENGINEERING	ı	a,b,m,n	3	0	0	3
18AE307	MACHINE DRAWING LABORATORY	1,11,111	a,c,e,i,j,k	0	0	4	2
18GE301	SOFT SKILLS - VERBAL ABILITY	-	1-	2	0	0	0
		*	Total	18	4	8	24.0
Fourth Semes	ter						
Code No	Course	Objectives	s &Outcomes	-	т	P	С
Code No.	Course	PEOs	POs	L	'		١٢
18AE401	AIRCRAFT STRUCTURES I	1	a,b	3	1	0	4
18AE402	AERODYNAMICS	1,111	a,b,d,g	3	0	2	4
18AE403	AIRCRAFT PROPULSION	1,11	a,b,c,d,e	2	1	2	4
18AE404	AIRCRAFT SYSTEMS AND INSTRUMENTS	1,11,111	a,b,d,e,f,h	2	0	2	3
18AE405	HEAT TRANSFER	1,11,111	a,b,c,d,e,g	3	0	2	4
18AE406	CONTROL THEORY	I	a,b,c,m,n	3	0	0	3
18AE407	MODELING LABORATORY	1,11	c,e	0	0	2	1
18HS001	ENVIRONMENTAL SCIENCE	I	a,b	2	0	0	0
18GE401	SOFT SKILLS-REASONING	-	-	2	0	0	0
			Total	20	2	10	23.0
Fifth Semeste	r		-			<b>.</b>	1
Code No.	Course	Objectives	s &Outcomes	L	т	l <sub>P</sub>	С
JJ40 110.	Course	PEOs	POs	_	'	Ι΄.	
18AE501	GAS DYNAMICS	I	a,b,c,d	3	1	0	4
18AE502	AIRCRAFT STRUCTURES II	1,11	a,b,c,d,e	3	0	2	4
18AE503	ROCKET PROPULSION	I_	a,b,c	3	1	0	4
18AE504	FINITE ELEMENT ANALYSIS	I	a,b,c,d	3	1	0	4
	PROFESSIONAL ELECTIVE I	-	-	-	-	-	3
	PROFESSIONAL ELECTIVE II	-	-	-	-	-	3
18AE507	STRUCTURAL SIMULATION LABORATORY	1,11,111	b,c,d,e,h	0	0	2	1
18AE508	AIRCRAFT STRUCTURES AND ENGINE REPAIR LABORATORY	1,11	a,b,c,d,e,f	0	0	2	1
18GE501	SOFT SKILLS - APTITUDE I	-	- Total	0 12	0 3	2 8	0
			Totall	4.7		. X	24.0
	A.F.		iotai	12	3	Ů	
	er T			12	<u> </u>		1
Sixth Semeste	er Course	Objective	s &Outcomes	L	т	P	С
Sixth Semeste		Objective: PEOs			-		

18HS002	PROFESSIONAL ETHICS IN ENGINEERING	1_	I_	2	0	0	2
18AE602	COMPUTATIONAL FLUID DYNAMICS	I,II	a,b,c,d,e,f	3	1	0	4
18AE603	FLIGHT DYNAMICS	1,11		3	1	0	4
		<u>'</u>	a,b,c,d				
18AE604 18AE607	AVIONICS	1,11	b,f,m,n	3	0	2	4
	FLOW SIMULATION LABORATORY	1,11	a,b,c,d,e	0	0	2	1
18AE608	AIRCRAFT DESIGN PROJECT	1,11,111	a,b,c,d,e,h,i,k	0	0	4	2
18GE601	SOFT SKILLS-APTITUDE II	-	-	0	0	2	0
	PROFESSIONAL ELECTIVE III	-	-	-	-	-	3
	PROFESSIONAL ELECTIVE IV	-	-	-	-	-	3
			Total	11	2	10	23.0
Seventh Seme	ester	_		-		-	
		Objectives	&Outcomes		l _	_	
Code No.	Course	PEOs	POs	L	Т	Р	С
18HS003	PRINCIPLES OF MANAGEMENT	PEUS	PUS		0	_	
		-	- 1	2	-	0	2
18AE702	UAV SYSTEMS	1,11	a,b,f,m,n	3	0	0	3
18AE703	VIBRATIONS	<u> </u>	a,b,d	3	1	0	4
18AE704	COMPOSITES AND STRUCTURES	1,11	a,b,c,d,e	3	1	0	4
	PROFESSIONAL ELECTIVE V	-	-	-	-	-	3
	PROFESSIONAL ELECTIVE VI	-	-	-	-	-	3
18AE707	FLIGHT PERFORMANCE LABORATORY	1,11,111	c,d,e,h,i,k	0	0	2	1
18AE708	PROJECT WORK I	1,11,111	a,b,c,d,e,f,g,h,	0	0	6	3
13.12.00		.,,	i,j,k,l				
			Total	11	2	8	23.0
Eight Semeste	er	_					
		Objectives	&Outcomes	Ι.	l _		
Code No.	Course	PEOs	POs	L	Т	Р	C
		PEUS	1				
18AE804	PROJECT WORK II	1,11,111	a,b,c,d,e,f,g,h, i,j,k,l	0	0	18	9
	PROFESSIONAL ELECTIVE VII	+	-	-	-	<del>-</del>	3
	PROFESSIONAL ELECTIVE VIII	+		<del></del>	<b>-</b>	<del>-</del>	3
	PROFESSIONAL ELECTIVE IX	_		<del></del>	<del>-</del>	-	3
	PROFESSIONAL ELECTIVE IX		Total		0	18	18.0
Electives			iotai	U	U	10	10.0
Electives							
1							
Code No.	Course	Objectives	&Outcomes	L	Т	Р	С
Code No.	Course	Objectives PEOs	&Outcomes	L	Т	Р	С
Code No.				L	Т	Р	С
CORE-THEOR	Y				T 1		
CORE-THEOR 21AE501	Y GASDYNAMICS			3 3		<b>P</b> 0 2	C 4 4
21AE501 21AE502	Y GASDYNAMICS AIRCRAFTSTRUCTURES II			3	1 0	0 2	4 4
21AE502 21AE503	Y GASDYNAMICS AIRCRAFTSTRUCTURES II ROCKETPROPULSION			3 3 3	1 0 1	0 2 0	4 4 4
CORE-THEOR 21AE501 21AE502 21AE503 21AE504	Y GASDYNAMICS AIRCRAFTSTRUCTURES II ROCKETPROPULSION FINITEELEMENTANALYSIS			3	1 0	0 2	4 4
21AE501 21AE502 21AE503 21AE503 21AE504 CORE-LABOR	Y GASDYNAMICS AIRCRAFTSTRUCTURES II ROCKETPROPULSION FINITEELEMENTANALYSIS ATORY			3 3 3 3	1 0 1	0 2 0 0	4 4 4 4
CORE-THEOR 21AE501 21AE502 21AE503 21AE504 CORE-LABOR 21AE507	Y  GASDYNAMICS  AIRCRAFTSTRUCTURES II  ROCKETPROPULSION  FINITEELEMENTANALYSIS  ATORY  STRUCTURALSIMULATIONLABORATORY			3 3 3 3	1 0 1 1	0 2 0 0	4 4 4 4
CORE-THEOR 21AE501 21AE502 21AE503 21AE504 CORE-LABOR 21AE507 21AE508	Y  GASDYNAMICS  AIRCRAFTSTRUCTURES II  ROCKETPROPULSION  FINITEELEMENTANALYSIS  ATORY  STRUCTURALSIMULATIONLABORATORY  AIRCRAFT STRUCTURES AND ENGINE REPAIR LABORATORY			3 3 3 3	1 0 1	0 2 0 0	4 4 4 4
CORE-THEOR 21AE501 21AE502 21AE503 21AE504 CORE-LABOR 21AE507 21AE508 DISCIPLINE E	GASDYNAMICS AIRCRAFTSTRUCTURES II ROCKETPROPULSION FINITEELEMENTANALYSIS ATORY STRUCTURALSIMULATIONLABORATORY AIRCRAFT STRUCTURES AND ENGINE REPAIR LABORATORY LECTIVES			3 3 3 3	1 0 1 1 0 0 0	0 2 0 0	4 4 4 4
CORE-THEOR 21AE501 21AE502 21AE503 21AE504 CORE-LABOR 21AE507 21AE508 DISCIPLINE EI 21AE021	Y  GASDYNAMICS  AIRCRAFTSTRUCTURES II  ROCKETPROPULSION  FINITEELEMENTANALYSIS  ATORY  STRUCTURALSIMULATIONLABORATORY  AIRCRAFT STRUCTURES AND ENGINE REPAIR LABORATORY  LECTIVES  AIR TRAFFIC CONTROL AND AERODROME DESIGN			3 3 3 3 0 0	1 0 1 1 1	0 2 0 0 0	4 4 4 4 1 1 1 1 3
CORE-THEOR 21AE501 21AE502 21AE503 21AE504 CORE-LABOR 21AE507 21AE508 DISCIPLINE El 21AE021 21AE037	Y  GASDYNAMICS  AIRCRAFTSTRUCTURES II  ROCKETPROPULSION  FINITEELEMENTANALYSIS  ATORY  STRUCTURALSIMULATIONLABORATORY  AIRCRAFT STRUCTURES AND ENGINE REPAIR LABORATORY  LECTIVES  AIR TRAFFIC CONTROL AND AERODROME DESIGN  CIVIL AVIATION REQUIREMENTS			3 3 3 3	1 0 1 1 0 0 0	0 2 0 0	4 4 4 4
CORE-THEOR 21AE501 21AE502 21AE503 21AE504 CORE-LABOR 21AE507 21AE508 DISCIPLINE El 21AE021 21AE037 SPECIAL COU	GASDYNAMICS AIRCRAFTSTRUCTURES II ROCKETPROPULSION FINITEELEMENTANALYSIS ATORY STRUCTURALSIMULATIONLABORATORY AIRCRAFT STRUCTURES AND ENGINE REPAIR LABORATORY LECTIVES AIR TRAFFIC CONTROL AND AERODROME DESIGN CIVIL AVIATION REQUIREMENTS RSES			3 3 3 3 0 0	1 0 1 1 1	0 2 0 0 0	1 1 1 3 3 3
CORE-THEOR 21AE501 21AE502 21AE503 21AE504 CORE-LABOR 21AE507 21AE508 DISCIPLINE EI 21AE021 21AE037 SPECIAL COU 21GE501	GASDYNAMICS AIRCRAFTSTRUCTURES II ROCKETPROPULSION FINITEELEMENTANALYSIS ATORY STRUCTURALSIMULATIONLABORATORY AIRCRAFT STRUCTURES AND ENGINE REPAIR LABORATORY LECTIVES AIR TRAFFIC CONTROL AND AERODROME DESIGN CIVIL AVIATION REQUIREMENTS RSES SOFT SKILLS Ä?? APTITUDE I			3 3 3 3 0 0	1 0 1 1 1	0 2 0 0 0	4 4 4 4 1 1 1 1 3
CORE-THEOR 21AE501 21AE502 21AE503 21AE504 CORE-LABOR 21AE507 21AE508 DISCIPLINE EI 21AE037 SPECIAL COU 21GE501 OPEN ELECTI	GASDYNAMICS AIRCRAFTSTRUCTURES II ROCKETPROPULSION FINITEELEMENTANALYSIS ATORY STRUCTURALSIMULATIONLABORATORY AIRCRAFT STRUCTURES AND ENGINE REPAIR LABORATORY LECTIVES AIR TRAFFIC CONTROL AND AERODROME DESIGN CIVIL AVIATION REQUIREMENTS IRSES SOFT SKILLS Ä?? APTITUDE I VES			3 3 3 3 0 0	1 0 1 1 1 0 0	0 2 0 0	4 4 4 4 1 1 1
CORE-THEOR 21AE501 21AE502 21AE503 21AE504 CORE-LABOR 21AE507 21AE508 DISCIPLINE EI 21AE021 21AE037 SPECIAL COU 21GE501 OPEN ELECTI 18MCOYA	Y  GASDYNAMICS AIRCRAFTSTRUCTURES II  ROCKETPROPULSION FINITEELEMENTANALYSIS ATORY  STRUCTURALSIMULATIONLABORATORY AIRCRAFT STRUCTURES AND ENGINE REPAIR LABORATORY LECTIVES AIR TRAFFIC CONTROL AND AERODROME DESIGN CIVIL AVIATION REQUIREMENTS IRSES SOFT SKILLS A?? APTITUDE I VES INDUSTRIAL ROBOTICS			3 3 3 3 0 0	1 0 1 1 1 0 0	0 2 0 0 0	4 4 4 4 4 1 1 1 1 3 3 3 3 1 0 0
CORE-THEOR 21AE501 21AE502 21AE503 21AE504 CORE-LABOR 21AE507 21AE508 DISCIPLINE EI 21AE021 21AE037 SPECIAL COU 21GE501 OPEN ELECTI 18MCOYA 18MCOYC	GASDYNAMICS AIRCRAFTSTRUCTURES II ROCKETPROPULSION FINITEELEMENTANALYSIS ATORY STRUCTURALSIMULATIONLABORATORY AIRCRAFT STRUCTURES AND ENGINE REPAIR LABORATORY LECTIVES AIR TRAFFIC CONTROL AND AERODROME DESIGN CIVIL AVIATION REQUIREMENTS IRSES SOFT SKILLS A?? APTITUDE I VES INDUSTRIAL ROBOTICS MICRO ELECTRO MECHANICAL SYSTEMS			3 3 3 3 0 0	1 0 1 1 1 0 0	0 2 0 0	4 4 4 4 1 1 1
21AE501 21AE502 21AE503 21AE504 CORE-LABOR 21AE507 21AE508 DISCIPLINE EI 21AE037 SPECIAL COU 21GE501 OPEN ELECTI 18MCOYA 18MCOYC ADDITIONAL O	GASDYNAMICS AIRCRAFTSTRUCTURES II ROCKETPROPULSION FINITEELEMENTANALYSIS ATORY STRUCTURALSIMULATIONLABORATORY AIRCRAFT STRUCTURES AND ENGINE REPAIR LABORATORY LECTIVES AIR TRAFFIC CONTROL AND AERODROME DESIGN CIVIL AVIATION REQUIREMENTS IRSES SOFT SKILLS A?? APTITUDE I VES INDUSTRIAL ROBOTICS MICRO ELECTRO MECHANICAL SYSTEMS ONE CREDIT COURSE			3 3 3 3 0 0	1 0 1 1 1 0 0	0 2 0 0 0	4 4 4 4 4 1 1 1 1 3 3 3 3 1 0 0
21AE501 21AE502 21AE503 21AE504 CORE-LABOR 21AE507 21AE508 DISCIPLINE EI 21AE037 SPECIAL COU 21GE501 OPEN ELECTI 18MCOYA 18MCOYC ADDITIONAL O	GASDYNAMICS AIRCRAFTSTRUCTURES II ROCKETPROPULSION FINITEELEMENTANALYSIS ATORY STRUCTURALSIMULATIONLABORATORY AIRCRAFT STRUCTURES AND ENGINE REPAIR LABORATORY LECTIVES AIR TRAFFIC CONTROL AND AERODROME DESIGN CIVIL AVIATION REQUIREMENTS IRSES SOFT SKILLS A?? APTITUDE I VES INDUSTRIAL ROBOTICS MICRO ELECTRO MECHANICAL SYSTEMS			3 3 3 3 0 0	1 0 1 1 1 0 0	0 2 0 0 0	4 4 4 4 4 1 1 1 1 3 3 3 3 1 0 0
21AE501 21AE502 21AE503 21AE504 CORE-LABOR 21AE507 21AE508 DISCIPLINE EI 21AE037 SPECIAL COU 21GE501 OPEN ELECTI 18MCOYA 18MCOYC ADDITIONAL O	GASDYNAMICS AIRCRAFTSTRUCTURES II ROCKETPROPULSION FINITEELEMENTANALYSIS ATORY STRUCTURALSIMULATIONLABORATORY AIRCRAFT STRUCTURES AND ENGINE REPAIR LABORATORY LECTIVES AIR TRAFFIC CONTROL AND AERODROME DESIGN CIVIL AVIATION REQUIREMENTS IRSES SOFT SKILLS A?? APTITUDE I VES INDUSTRIAL ROBOTICS MICRO ELECTRO MECHANICAL SYSTEMS ONE CREDIT COURSE			3 3 3 3 0 0	1 0 1 1 1 0 0	0 2 0 0 0	4 4 4 4 4 1 1 1 1 3 3 3 3 3 3 3 3 3 3 3
CORE-THEOR 21AE501 21AE502 21AE503 21AE504 CORE-LABOR 21AE507 21AE508 DISCIPLINE El 21AE021 21AE037 SPECIAL COU 21GE501 OPEN ELECTI 18MCOYA 18MCOYC ADDITIONAL ( 18GE0XA	GASDYNAMICS AIRCRAFTSTRUCTURES II ROCKETPROPULSION FINITEELEMENTANALYSIS ATORY STRUCTURALSIMULATIONLABORATORY AIRCRAFT STRUCTURES AND ENGINE REPAIR LABORATORY LECTIVES AIR TRAFFIC CONTROL AND AERODROME DESIGN CIVIL AVIATION REQUIREMENTS RSES SOFT SKILLS Ä?? APTITUDE I VES INDUSTRIAL ROBOTICS MICRO ELECTRO MECHANICAL SYSTEMS ONE CREDIT COURSE ETYMOLOGY			3 3 3 3 3 0 0 0	1 0 0 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0	0 2 0 0 0	4 4 4 4 1 1 1 1 3 3 3
CORE-THEOR 21AE501 21AE502 21AE503 21AE504 CORE-LABOR 21AE507 21AE508 DISCIPLINE EL 21AE021 21AE037 SPECIAL COU 21GE501 OPEN ELECTI 18MCOYA 18MCOYC ADDITIONAL ( 18GE0XA 18GE0XB	GASDYNAMICS AIRCRAFTSTRUCTURES II ROCKETPROPULSION FINITEELEMENTANALYSIS ATORY STRUCTURALSIMULATIONLABORATORY AIRCRAFT STRUCTURES AND ENGINE REPAIR LABORATORY LECTIVES AIR TRAFFIC CONTROL AND AERODROME DESIGN CIVIL AVIATION REQUIREMENTS RSES SOFT SKILLS Ä?? APTITUDE I VES INDUSTRIAL ROBOTICS MICRO ELECTRO MECHANICAL SYSTEMS ONE CREDIT COURSE ETYMOLOGY GENERAL PSYCHOLOGY	PEOs		3 3 3 3 0 0 0 3 3 3	1 0 0 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0	0 2 0 0 0	4 4 4 4 1 1 1 1 3 3 3 3 3 1 1 1 1 1
CORE-THEOR 21AE501 21AE502 21AE503 21AE504 CORE-LABOR 21AE507 21AE508 DISCIPLINE El 21AE021 21AE037 SPECIAL COU 21GE501 OPEN ELECTI 18MC0YA 18MC0YC ADDITIONAL ( 18GE0XA 18GE0XB 18GE0XC	GASDYNAMICS AIRCRAFTSTRUCTURES II ROCKETPROPULSION FINITEELEMENTANALYSIS ATORY STRUCTURALSIMULATIONLABORATORY AIRCRAFT STRUCTURES AND ENGINE REPAIR LABORATORY LECTIVES AIR TRAFFIC CONTROL AND AERODROME DESIGN CIVIL AVIATION REQUIREMENTS RSES SOFT SKILLS A?? APTITUDE I VES INDUSTRIAL ROBOTICS MICRO ELECTRO MECHANICAL SYSTEMS ONE CREDIT COURSE ETYMOLOGY GENERAL PSYCHOLOGY NEURO BEHAVIORAL SCIENCE	PEOs		3 3 3 3 0 0 0 3 3 3	0 0 0 0 0 0	0 2 0 0 0 2 2 2 0 0	4 4 4 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
CORE-THEOR 21AE501 21AE502 21AE503 21AE504 CORE-LABOR 21AE507 21AE508 DISCIPLINE EI 21AE021 21AE037 SPECIAL COU 21GE501 OPEN ELECTI 18MC0YA 18MC0YC ADDITIONAL ( 18GE0XA 18GE0XB 18GE0XC 18GE0XD	GASDYNAMICS AIRCRAFTSTRUCTURES II ROCKETPROPULSION FINITEELEMENTANALYSIS ATORY STRUCTURALSIMULATIONLABORATORY AIRCRAFT STRUCTURES AND ENGINE REPAIR LABORATORY LECTIVES AIR TRAFFIC CONTROL AND AERODROME DESIGN CIVIL AVIATION REQUIREMENTS RSES SOFT SKILLS Å?? APTITUDE I VES INDUSTRIAL ROBOTICS MICRO ELECTRO MECHANICAL SYSTEMS ONE CREDIT COURSE ETYMOLOGY GENERAL PSYCHOLOGY NEURO BEHAVIORAL SCIENCE VISUAL MEDIA AND FILM MAKING	PEOs		3 3 3 3 0 0 0 3 3 3	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 2 0 0 0 2 2 2 0 0 0	4 4 4 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
CORE-THEOR 21AE501 21AE502 21AE503 21AE504 CORE-LABOR 21AE507 21AE508 DISCIPLINE EI 21AE021 21AE037 SPECIAL COU 21GE501 OPEN ELECTI 18MC0YA 18MC0YC ADDITIONAL COU 18GE0XB 18GE0XC 18GE0XD 18GE0XE	GASDYNAMICS AIRCRAFTSTRUCTURES II ROCKETPROPULSION FINITEELEMENTANALYSIS ATORY STRUCTURALSIMULATIONLABORATORY AIRCRAFT STRUCTURES AND ENGINE REPAIR LABORATORY LECTIVES AIR TRAFFIC CONTROL AND AERODROME DESIGN CIVIL AVIATION REQUIREMENTS IRSES SOFT SKILLS A?? APTITUDE I VES INDUSTRIAL ROBOTICS MICRO ELECTRO MECHANICAL SYSTEMS ONE CREDIT COURSE ETYMOLOGY GENERAL PSYCHOLOGY NEURO BEHAVIORAL SCIENCE VISUAL MEDIA AND FILM MAKING YOGA FOR HUMAN EXCELLENCE	PEOs		3 3 3 3 0 0 0 3 3 3	0 0 0 0 0 0 0 0	0 2 0 0 0 2 2 2 0 0 0	4 4 4 4 1 1 1 1 0
CORE-THEOR	Y  GASDYNAMICS AIRCRAFTSTRUCTURES II  ROCKETPROPULSION FINITEELEMENTANALYSIS ATORY  STRUCTURALSIMULATIONLABORATORY AIRCRAFT STRUCTURES AND ENGINE REPAIR LABORATORY  LECTIVES AIR TRAFFIC CONTROL AND AERODROME DESIGN CIVIL AVIATION REQUIREMENTS IRSES SOFT SKILLS A?? APTITUDE I  VES INDUSTRIAL ROBOTICS MICRO ELECTRO MECHANICAL SYSTEMS ONE CREDIT COURSE ETYMOLOGY GENERAL PSYCHOLOGY NEURO BEHAVIORAL SCIENCE VISUAL MEDIA AND FILM MAKING YOGA FOR HUMAN EXCELLENCE VEDIC MATHEMATICS HEALTH AND FITNESS	PEOs		3 3 3 3 0 0 0 3 3 3	1 0 0 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0	0 2 0 0 0 2 2 2 0 0 0	4 4 4 4 1 1 1 1 1 1 1 1 1
CORE-THEOR 21AE501 21AE502 21AE503 21AE504 CORE-LABOR 21AE507 21AE508 DISCIPLINE EI 21AE037 SPECIAL COU 21GE501 OPEN ELECTI 18MC0YA 18GE0XA 18GE0XC 18GE0XD 18GE0XF	GASDYNAMICS AIRCRAFTSTRUCTURES II ROCKETPROPULSION FINITEELEMENTANALYSIS ATORY  STRUCTURALSIMULATIONLABORATORY AIRCRAFT STRUCTURES AND ENGINE REPAIR LABORATORY LECTIVES AIR TRAFFIC CONTROL AND AERODROME DESIGN CIVIL AVIATION REQUIREMENTS IRSES SOFT SKILLS A?? APTITUDE I VES INDUSTRIAL ROBOTICS MICRO ELECTRO MECHANICAL SYSTEMS ONE CREDIT COURSE ETYMOLOGY GENERAL PSYCHOLOGY NEURO BEHAVIORAL SCIENCE VISUAL MEDIA AND FILM MAKING YOGA FOR HUMAN EXCELLENCE VEDIC MATHEMATICS	PEOs		3 3 3 3 0 0 0 3 3 3	0 0 0 0 0 0 0 0 0	0 2 0 0 0 2 2 2 0 0 0	3 3 3 1 1 1 1 1
CORE-THEOR	GASDYNAMICS AIRCRAFTSTRUCTURES II ROCKETPROPULSION FINITEELEMENTANALYSIS ATORY STRUCTURALSIMULATIONLABORATORY AIRCRAFT STRUCTURES AND ENGINE REPAIR LABORATORY LECTIVES AIR TRAFFIC CONTROL AND AERODROME DESIGN CIVIL AVIATION REQUIREMENTS IRSES SOFT SKILLS A?? APTITUDE I VES INDUSTRIAL ROBOTICS MICRO ELECTRO MECHANICAL SYSTEMS ONE CREDIT COURSE ETYMOLOGY GENERAL PSYCHOLOGY NEURO BEHAVIORAL SCIENCE VISUAL MEDIA AND FILM MAKING YOGA FOR HUMAN EXCELLENCE VEDIC MATHEMATICS HEALTH AND FITNESS CONCEPT, METHODOLOGY AND APPLICATIONS OF	PEOs		3 3 3 3 0 0 0 3 3 3	1 0 0 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0	0 2 0 0 0 2 2 2 0 0 0	4 4 4 4 1 1 1 1 1 1 1 1 1
CORE-THEOR	GASDYNAMICS AIRCRAFTSTRUCTURES II ROCKETPROPULSION FINITEELEMENTANALYSIS ATORY STRUCTURALSIMULATIONLABORATORY AIRCRAFT STRUCTURES AND ENGINE REPAIR LABORATORY LECTIVES AIR TRAFFIC CONTROL AND AERODROME DESIGN CIVIL AVIATION REQUIREMENTS IRSES SOFT SKILLS A?? APTITUDE I VES INDUSTRIAL ROBOTICS MICRO ELECTRO MECHANICAL SYSTEMS ONE CREDIT COURSE ETYMOLOGY GENERAL PSYCHOLOGY NEURO BEHAVIORAL SCIENCE VISUAL MEDIA AND FILM MAKING YOGA FOR HUMAN EXCELLENCE VEDIC MATHEMATICS HEALTH AND FITNESS CONCEPT, METHODOLOGY AND APPLICATIONS OF VERMICOMPOSTING	PEOs		3 3 3 3 0 0 0 3 3 3	0 0 0 0 0 0 0 0 0 0 0	0 2 0 0 0 2 2 2 0 0 0 0 0 0	4 4 4 4 1 1 1 1 1 1 1 1 1
CORE-THEOR 21AE501 21AE502 21AE503 21AE504 CORE-LABOR 21AE508 DISCIPLINE EI 21AE021 21AE037 SPECIAL COU 21GE501 OPEN ELECTI 18MC0YA 18MC0YC ADDITIONAL ( 18GE0XA 18GE0XB 18GE0XC 18GE0XC 18GE0XC 18GE0XC 18GE0XC	GASDYNAMICS AIRCRAFTSTRUCTURES II ROCKETPROPULSION FINITEELEMENTANALYSIS ATORY  STRUCTURALSIMULATIONLABORATORY AIRCRAFT STRUCTURES AND ENGINE REPAIR LABORATORY LECTIVES AIR TRAFFIC CONTROL AND AERODROME DESIGN CIVIL AVIATION REQUIREMENTS IRSES SOFT SKILLS A?? APTITUDE I VES INDUSTRIAL ROBOTICS MICRO ELECTRO MECHANICAL SYSTEMS ONE CREDIT COURSE ETYMOLOGY REURO BEHAVIORAL SCIENCE VISUAL MEDIA AND FILM MAKING YOGA FOR HUMAN EXCELLENCE VEDIC MATHEMATICS HEALTH AND FITNESS CONCEPT, METHODOLOGY AND APPLICATIONS OF VERMICOMPOSTING BLOG WRITING	PEOs		3 3 3 3 0 0 0 3 3 3 1 1 1 1 1 1	0 0 0 0 0 0 0 0 0 0 0	0 2 0 0 0 0 0 0 0 0 0 0 0	4 4 4 4 4 1 1 1 1 1 1 1 1 1
CORE-THEOR 21AE501 21AE502 21AE503 21AE504 CORE-LABOR 21AE507 21AE508 DISCIPLINE EI 21AE021 21AE037 SPECIAL COU 21GE501 OPEN ELECTI 18MC0YA 18MC0YC ADDITIONAL O 18GE0XA 18GE0XB 18GE0XC	Y GASDYNAMICS AIRCRAFTSTRUCTURES II ROCKETPROPULSION FINITEELEMENTANALYSIS ATORY STRUCTURALSIMULATIONLABORATORY AIRCRAFT STRUCTURES AND ENGINE REPAIR LABORATORY LECTIVES AIR TRAFFIC CONTROL AND AERODROME DESIGN CIVIL AVIATION REQUIREMENTS IRSES SOFT SKILLS A?? APTITUDE I VES INDUSTRIAL ROBOTICS MICRO ELECTRO MECHANICAL SYSTEMS ONE CREDIT COURSE ETYMOLOGY GENERAL PSYCHOLOGY NEURO BEHAVIORAL SCIENCE VISUAL MEDIA AND FILM MAKING YOGA FOR HUMAN EXCELLENCE VEDIC MATHEMATICS HEALTH AND FITNESS CONCEPT, METHODOLOGY AND APPLICATIONS OF VERMICOMPOSTING BLOG WRITING INTERPERSONAL SKILLS NEW AGE INNOVATION AND ENTREPRENEURSHIP	PEOs		3 3 3 3 0 0 0 3 3 3 1 1 1 1 1 1 1	1 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0	0 2 0 0 0 0 0 0 0 0 0 0 0 0	3 3 3 1 1 1 1 1 1 1
CORE-THEOR 21AE501 21AE502 21AE503 21AE504 CORE-LABOR 21AE507 21AE508 DISCIPLINE EI 21AE037 SPECIAL COU 21GE501 OPEN ELECTI 18MC0YA 18MC0YC ADDITIONAL O 18GE0XA 18GE0XB 18GE0XC 18GE0XD 18GE0XC	Y  GASDYNAMICS AIRCRAFTSTRUCTURES II ROCKETPROPULSION FINITEELEMENTANALYSIS ATORY  STRUCTURALSIMULATIONLABORATORY AIRCRAFT STRUCTURES AND ENGINE REPAIR LABORATORY LECTIVES AIR TRAFFIC CONTROL AND AERODROME DESIGN CIVIL AVIATION REQUIREMENTS RSES SOFT SKILLS A?? APTITUDE I  VES INDUSTRIAL ROBOTICS MICRO ELECTRO MECHANICAL SYSTEMS ONE CREDIT COURSE ETYMOLOGY GENERAL PSYCHOLOGY NEURO BEHAVIORAL SCIENCE VISUAL MEDIA AND FILM MAKING YOGA FOR HUMAN EXCELLENCE VEDIC MATHEMATICS HEALTH AND FITNESS CONCEPT, METHODOLOGY AND APPLICATIONS OF VERMICOMPOSTING BLOG WRITING INTERPERSONAL SKILLS NEW AGE INNOVATION AND ENTREPRENEURSHIP NATIONAL CADET CORPS	PEOs		3 3 3 3 0 0 0 3 3 3 1 1 1 1 1 1 1 1 1	1 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 2 0 0 0 0 2 2 2 0 0 0 0 0 0 0 0 0 0 0	3 3 3 1 1 1 1 1 1 1 1 1
CORE-THEOR 21AE501 21AE502 21AE503 21AE504 CORE-LABOR 21AE507 21AE508 DISCIPLINE EI 21AE021 21AE037 SPECIAL COU 21GE501 OPEN ELECTI 18MC0YA 18MC0YC ADDITIONAL O 18GE0XA 18GE0XB 18GE0XC	Y GASDYNAMICS AIRCRAFTSTRUCTURES II ROCKETPROPULSION FINITEELEMENTANALYSIS ATORY STRUCTURALSIMULATIONLABORATORY AIRCRAFT STRUCTURES AND ENGINE REPAIR LABORATORY LECTIVES AIR TRAFFIC CONTROL AND AERODROME DESIGN CIVIL AVIATION REQUIREMENTS IRSES SOFT SKILLS A?? APTITUDE I VES INDUSTRIAL ROBOTICS MICRO ELECTRO MECHANICAL SYSTEMS ONE CREDIT COURSE ETYMOLOGY GENERAL PSYCHOLOGY NEURO BEHAVIORAL SCIENCE VISUAL MEDIA AND FILM MAKING YOGA FOR HUMAN EXCELLENCE VEDIC MATHEMATICS HEALTH AND FITNESS CONCEPT, METHODOLOGY AND APPLICATIONS OF VERMICOMPOSTING BLOG WRITING INTERPERSONAL SKILLS NEW AGE INNOVATION AND ENTREPRENEURSHIP	PEOs		3 3 3 3 0 0 0 3 3 3 1 1 1 1 1 1 1 1	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 2 0 0 0 2 2 2 0 0 0 0 0 0 0 0 0 0 0	3 3 3 0 1 1 1 1 1 1 1 1 1

18GE0XO	SOCIAL PSYCHOLOGY	11,111	i	1	0	0	1
LANGUAGE E	LECTIVES	l .	I				
18HS201	COMMUNICATIVE ENGLISH II	11,111	i,j	1	0	2	2
18HSC01	CHINESE	-	-	1	0	2	2
18HSF01	FRENCH	II	j	1	0	2	2
18HSG01	GERMAN	-	-	1	0	2	2
18HSH01	HINDI	-	-	1	0	2	2
18HSJ01	JAPANESE	-	-	1	0	2	2
DISCIPLINE E	LECTIVES	•					"
18AE001	THEORY OF ELASTICITY	I	a,b,c,d	3	0	0	3
18AE002	EXPERIMENTAL STRESS ANALYSIS	I,II	a,b,c,d,e	3	0	0	3
18AE003	FATIGUE AND FRACTURE MECHANICS	I,II	a,b,c,d,e	3	0	0	3
18AE004	NDT FOR AERONAUTICAL APPLICATIONS	I,II	a,b,c,d,e	3	0	0	3
18AE005	PYTHON FOR AEROSPACE ENGINEERING	1,11	a,b,c,e	3	0	0	3
18AE006	CORROSION OF AEROSPACE MATERIALS	1,11	a,b,c,d,e	3	0	0	3
18AE007	WIND TUNNEL INSTRUMENTATION AND MEASUREMENTS	I	a,b,c,d	3	0	0	3
18AE008	HELICOPTER AERODYNAMICS	I	a,b,c,d	3	0	0	3
18AE009	INDUSTRIAL AERODYNAMICS	I	a,b,c	3	0	0	3
18AE010	CRYOGENICS	I	a,b,c	3	0	0	3
18AE011	WIND POWER ENGINEERING	ı	a,b,c	3	0	0	3
18AE012	SPACE MECHANICS	ı	a,b,c,d	3	0	0	3
18AE013	HIGH TEMPERATURE GAS DYNAMICS	I	a,b	3	0	0	3
18AE014	COMBUSTION	I	a,b	3	0	0	3
18AE015	WIND TUNNEL TECHNIQUES	lı .	a,b,c,d	3	0	0	3
18AE016	AERO ENGINE REPAIR AND MAINTENANCE	1,11	a,b,c,d,e,f	3	0	0	3
18AE017	AIRFRAME MAINTENANCE AND REPAIR	I,II	a,b,c,d,e	3	0	0	3
18AE018	AIR TRAFFIC CONTROL AND AERODROME DESIGN	II,III	f,g,h,m,n	3	0	0	3
18AE019	CIVIL AVIATION REQUIREMENTS	II,III	f,g,h,m,n	3	0	0	3
18AE020	PRINCIPLES OF NAVIGATION	I,II	b,f,m,n	3	0	0	3
18AE021			a,b,c,e,f,g,h,i	3	0	0	3
18AE022	CRISIS MANAGEMENT IN AIRCRAFT INDUSTRY	I,II	a,b,c,d,e,f	3	0	0	3
18AE023	AIRLINE AND AIRPORT MANAGEMENT	I,II	b,f,m,n	3	0	0	3
18AE024	HELICOPTER MAINTENACE	I,II,III		3	0	0	3
· IOAEUZ4							
			a,b,c,f,g		-	0	3
18AE025	GUIDANCE OF MISSILES	I,II	a,b,c,d,e	3	0	0	3
18AE025 18AE026	GUIDANCE OF MISSILES AIRCRAFT DESIGN				-	0	3
18AE025 18AE026 ENTREPRENE	GUIDANCE OF MISSILES AIRCRAFT DESIGN URSHIP ELECTIVES	I,II	a,b,c,d,e	3	0		3
18AE025 18AE026 ENTREPRENE 18GE0E1	GUIDANCE OF MISSILES AIRCRAFT DESIGN URSHIP ELECTIVES ENTREPRENEURSHIP DEVELOPMENT I	I,II	a,b,c,d,e	3	0	0	
18AE025 18AE026 <b>ENTREPRENE</b> 18GE0E1 18GE0E2	GUIDANCE OF MISSILES AIRCRAFT DESIGN URSHIP ELECTIVES ENTREPRENEURSHIP DEVELOPMENT I ENTREPRENEURSHIP DEVELOPMENT II	I,II	a,b,c,d,e	3 3	0 0	0	3
18AE025 18AE026 ENTREPRENE 18GE0E1 18GE0E2 ONE CREDIT (	GUIDANCE OF MISSILES AIRCRAFT DESIGN  URSHIP ELECTIVES ENTREPRENEURSHIP DEVELOPMENT I ENTREPRENEURSHIP DEVELOPMENT II COURSES	I,II	a,b,c,d,e a,b,c,d,e	3 3 3	0 0 0	0 0	3 3
18AE025 18AE026 ENTREPRENE 18GE0E1 18GE0E2 ONE CREDIT (	GUIDANCE OF MISSILES AIRCRAFT DESIGN  EURSHIP ELECTIVES ENTREPRENEURSHIP DEVELOPMENT I ENTREPRENEURSHIP DEVELOPMENT II COURSES  WIND TURBINE DESIGN AND TESTING	I,II	a,b,c,d,e a,b,c,d,e - - a,b	3 3	0 0	0	3
18AE025 18AE026 ENTREPRENE 18GE0E1 18GE0E2 ONE CREDIT ( 18AE0XA 18AE0XB	GUIDANCE OF MISSILES AIRCRAFT DESIGN  EURSHIP ELECTIVES ENTREPRENEURSHIP DEVELOPMENT I ENTREPRENEURSHIP DEVELOPMENT II COURSES WIND TURBINE DESIGN AND TESTING REAL TIME INDUSTRIAL APPLICATIONS IN CFD	I,II	a,b,c,d,e a,b,c,d,e - - a,b a,b	3 3 3 0 0	0 0 0	0 0 0	3 3 3
18AE025 18AE026 ENTREPRENE 18GE0E1 18GE0E2 ONE CREDIT ( 18AE0XA 18AE0XB	GUIDANCE OF MISSILES AIRCRAFT DESIGN URSHIP ELECTIVES ENTREPRENEURSHIP DEVELOPMENT I ENTREPRENEURSHIP DEVELOPMENT II COURSES WIND TURBINE DESIGN AND TESTING REAL TIME INDUSTRIAL APPLICATIONS IN CFD FAILURE ANALYSIS OF ADVANCED COMPOSITES	I,II	a,b,c,d,e a,b,c,d,e - - - a,b a,b a,b	3 3 3 0 0	0 0 0	0 0 0 0 0	3 3 3 1 1
18AE025 18AE026 ENTREPRENE 18GE0E1 18GE0E2 ONE CREDIT ( 18AE0XA 18AE0XB	GUIDANCE OF MISSILES AIRCRAFT DESIGN  EURSHIP ELECTIVES ENTREPRENEURSHIP DEVELOPMENT I ENTREPRENEURSHIP DEVELOPMENT II COURSES WIND TURBINE DESIGN AND TESTING REAL TIME INDUSTRIAL APPLICATIONS IN CFD	I,II	a,b,c,d,e a,b,c,d,e - - a,b a,b	3 3 3 0 0	0 0 0	0 0 0	3 3 3
18AE025 18AE026 ENTREPRENE 18GE0E1 18GE0E2 ONE CREDIT ( 18AE0XA 18AE0XB	GUIDANCE OF MISSILES  AIRCRAFT DESIGN  URSHIP ELECTIVES  ENTREPRENEURSHIP DEVELOPMENT I  ENTREPRENEURSHIP DEVELOPMENT II  COURSES  WIND TURBINE DESIGN AND TESTING  REAL TIME INDUSTRIAL APPLICATIONS IN CFD  FAILURE ANALYSIS OF ADVANCED COMPOSITES  TECHNICAL DOCUMENTATION FOR AEROSPACE ENGINEERING	I,II	a,b,c,d,e a,b,c,d,e - - - a,b a,b a,b	3 3 3 0 0	0 0 0	0 0 0 0 0	3 3 3 1 1
18AE025 18AE026 ENTREPRENE 18GE0E1 18GE0E2 ONE CREDIT ( 18AE0XA 18AE0XB 18AE0XC	GUIDANCE OF MISSILES AIRCRAFT DESIGN  URSHIP ELECTIVES  ENTREPRENEURSHIP DEVELOPMENT I  ENTREPRENEURSHIP DEVELOPMENT II  COURSES  WIND TURBINE DESIGN AND TESTING  REAL TIME INDUSTRIAL APPLICATIONS IN CFD  FAILURE ANALYSIS OF ADVANCED COMPOSITES  TECHNICAL DOCUMENTATION FOR AEROSPACE ENGINEERING SERVICES  INTRODUCTION TO AEROSPACE NAVIGATION	I,II	a,b,c,d,e a,b,c,d,e - - - a,b a,b a,b a,b	3 3 3 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	3 3 3 1 1 1
18AE025 18AE026 ENTREPRENE 18GE0E1 18GE0E2 ONE CREDIT ( 18AE0XA 18AE0XB 18AE0XC 18AE0XD	GUIDANCE OF MISSILES AIRCRAFT DESIGN  URSHIP ELECTIVES  ENTREPRENEURSHIP DEVELOPMENT I  ENTREPRENEURSHIP DEVELOPMENT II  COURSES  WIND TURBINE DESIGN AND TESTING  REAL TIME INDUSTRIAL APPLICATIONS IN CFD  FAILURE ANALYSIS OF ADVANCED COMPOSITES  TECHNICAL DOCUMENTATION FOR AEROSPACE ENGINEERING SERVICES  INTRODUCTION TO AEROSPACE NAVIGATION	I,II	a,b,c,d,e a,b,c,d,e - - - a,b a,b a,b a,b	3 3 3 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	3 3 3 1 1 1
18AE025 18AE026 ENTREPRENE 18GE0E1 18GE0E2 ONE CREDIT ( 18AE0XA 18AE0XB 18AE0XC 18AE0XD 18AE0XD	GUIDANCE OF MISSILES AIRCRAFT DESIGN  URSHIP ELECTIVES  ENTREPRENEURSHIP DEVELOPMENT I  ENTREPRENEURSHIP DEVELOPMENT II  COURSES  WIND TURBINE DESIGN AND TESTING  REAL TIME INDUSTRIAL APPLICATIONS IN CFD  FAILURE ANALYSIS OF ADVANCED COMPOSITES  TECHNICAL DOCUMENTATION FOR AEROSPACE ENGINEERING SERVICES  INTRODUCTION TO AEROSPACE NAVIGATION  S ELECTIVES	I,II	a,b,c,d,e a,b,c,d,e - - - a,b a,b a,b a,b	3 3 3 0 0 0 0	0 0 0 0	0 0 0 0 0 0	3 3 3 1 1 1 1
18AE025 18AE026 ENTREPRENE 18GE0E1 18GE0E2 ONE CREDIT ( 18AE0XA 18AE0XB 18AE0XC 18AE0XD 18AE0XD 18AE0XE MATHEMATIC 18GE0M1	GUIDANCE OF MISSILES AIRCRAFT DESIGN  URSHIP ELECTIVES ENTREPRENEURSHIP DEVELOPMENT I ENTREPRENEURSHIP DEVELOPMENT II  COURSES  WIND TURBINE DESIGN AND TESTING REAL TIME INDUSTRIAL APPLICATIONS IN CFD FAILURE ANALYSIS OF ADVANCED COMPOSITES TECHNICAL DOCUMENTATION FOR AEROSPACE ENGINEERING SERVICES INTRODUCTION TO AEROSPACE NAVIGATION S ELECTIVES GRAPH THEORY AND COMBINATORICS	I,II	a,b,c,d,e a,b,c,d,e - - - a,b a,b a,b a,b	3 3 3 0 0 0 0	0 0 0 0	0 0 0 0 0 0	3 3 3 1 1 1 1
18AE025 18AE026 ENTREPRENE 18GE0E1 18GE0E2 ONE CREDIT ( 18AE0XA 18AE0XB 18AE0XC 18AE0XD 18AE0XD 18AE0XD 18AE0XE MATHEMATIC 18GE0M1 18GE0M2	GUIDANCE OF MISSILES  AIRCRAFT DESIGN  URSHIP ELECTIVES  ENTREPRENEURSHIP DEVELOPMENT I  ENTREPRENEURSHIP DEVELOPMENT II  COURSES  WIND TURBINE DESIGN AND TESTING  REAL TIME INDUSTRIAL APPLICATIONS IN CFD  FAILURE ANALYSIS OF ADVANCED COMPOSITES  TECHNICAL DOCUMENTATION FOR AEROSPACE ENGINEERING SERVICES  INTRODUCTION TO AEROSPACE NAVIGATION  S ELECTIVES  GRAPH THEORY AND COMBINATORICS  ALGEBRA AND NUMBER THEORY  MATHEMATICAL FINANCE AND QUEUEING THEORY	I,II	a,b,c,d,e a,b,c,d,e - - - a,b a,b a,b a,b	3 3 3 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0	3 3 3 1 1 1 1 1
18AE025 18AE026 ENTREPRENE 18GE0E1 18GE0E2 ONE CREDIT ( 18AE0XA 18AE0XB 18AE0XC 18AE0XC 18AE0XC 18AE0XD 18AE0XE MATHEMATIC 18GE0M1 18GE0M2 18GE0M3	GUIDANCE OF MISSILES  AIRCRAFT DESIGN  URSHIP ELECTIVES  ENTREPRENEURSHIP DEVELOPMENT I  ENTREPRENEURSHIP DEVELOPMENT II  COURSES  WIND TURBINE DESIGN AND TESTING  REAL TIME INDUSTRIAL APPLICATIONS IN CFD  FAILURE ANALYSIS OF ADVANCED COMPOSITES  TECHNICAL DOCUMENTATION FOR AEROSPACE ENGINEERING SERVICES  INTRODUCTION TO AEROSPACE NAVIGATION  S ELECTIVES  GRAPH THEORY AND COMBINATORICS  ALGEBRA AND NUMBER THEORY  MATHEMATICAL FINANCE AND QUEUEING THEORY	I,II	a,b,c,d,e a,b,c,d,e - - - a,b a,b a,b a,b	3 3 3 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0	3 3 3 1 1 1 1 1
18AE025 18AE026 ENTREPRENE 18GE0E1 18GE0E2 ONE CREDIT ( 18AE0XA 18AE0XB 18AE0XC 18AE0XC 18AE0XC 18AE0XC 18AE0XC 18AE0XC 18AE0XC	GUIDANCE OF MISSILES  AIRCRAFT DESIGN  URSHIP ELECTIVES  ENTREPRENEURSHIP DEVELOPMENT I  ENTREPRENEURSHIP DEVELOPMENT II  COURSES  WIND TURBINE DESIGN AND TESTING  REAL TIME INDUSTRIAL APPLICATIONS IN CFD  FAILURE ANALYSIS OF ADVANCED COMPOSITES  TECHNICAL DOCUMENTATION FOR AEROSPACE ENGINEERING SERVICES  INTRODUCTION TO AEROSPACE NAVIGATION  S ELECTIVES  GRAPH THEORY AND COMBINATORICS  ALGEBRA AND NUMBER THEORY  MATHEMATICAL FINANCE AND QUEUEING THEORY  VES		a,b,c,d,e a,b,c,d,e  a,b a,b a,b a,b a,b	3 3 3 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0	3 3 3 1 1 1 1 1
18AE025 18AE026 ENTREPRENE 18GE0E1 18GE0E2 ONE CREDIT ( 18AE0XA 18AE0XB 18AE0XC	GUIDANCE OF MISSILES AIRCRAFT DESIGN  URSHIP ELECTIVES ENTREPRENEURSHIP DEVELOPMENT I ENTREPRENEURSHIP DEVELOPMENT II COURSES WIND TURBINE DESIGN AND TESTING REAL TIME INDUSTRIAL APPLICATIONS IN CFD FAILURE ANALYSIS OF ADVANCED COMPOSITES TECHNICAL DOCUMENTATION FOR AEROSPACE ENGINEERING SERVICES INTRODUCTION TO AEROSPACE NAVIGATION S ELECTIVES GRAPH THEORY AND COMBINATORICS ALGEBRA AND NUMBER THEORY MATHEMATICAL FINANCE AND QUEUEING THEORY VES NON-DESTRUCTIVE TESTING		a,b,c,d,e a,b,c,d,e  a,b a,b a,b a,b a,b	3 3 3 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0	3 3 3 1 1 1 1 1 1 3 3 3
18AE025 18AE026 ENTREPRENE 18GE0E1 18GE0E2 ONE CREDIT ( 18AE0XA 18AE0XB 18AE0XC	GUIDANCE OF MISSILES AIRCRAFT DESIGN  GURSHIP ELECTIVES  ENTREPRENEURSHIP DEVELOPMENT I  ENTREPRENEURSHIP DEVELOPMENT II  COURSES  WIND TURBINE DESIGN AND TESTING  REAL TIME INDUSTRIAL APPLICATIONS IN CFD  FAILURE ANALYSIS OF ADVANCED COMPOSITES  TECHNICAL DOCUMENTATION FOR AEROSPACE ENGINEERING SERVICES INTRODUCTION TO AEROSPACE NAVIGATION  S ELECTIVES  GRAPH THEORY AND COMBINATORICS  ALGEBRA AND NUMBER THEORY  MATHEMATICAL FINANCE AND QUEUEING THEORY  VES  NON-DESTRUCTIVE TESTING  SMART MATERIALS		a,b,c,d,e a,b,c,d,e  a,b a,b a,b a,b a,b a,b,c,d,e a,b,c,d,e	3 3 3 3 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	3 3 3 1 1 1 1 1 1 3 3 3 3
18AE025 18AE026 ENTREPRENE 18GE0E1 18GE0E2 ONE CREDIT ( 18AE0XA 18AE0XB 18AE0XC	GUIDANCE OF MISSILES  AIRCRAFT DESIGN  URSHIP ELECTIVES  ENTREPRENEURSHIP DEVELOPMENT I  ENTREPRENEURSHIP DEVELOPMENT II  COURSES  WIND TURBINE DESIGN AND TESTING  REAL TIME INDUSTRIAL APPLICATIONS IN CFD  FAILURE ANALYSIS OF ADVANCED COMPOSITES  TECHNICAL DOCUMENTATION FOR AEROSPACE ENGINEERING SERVICES  INTRODUCTION TO AEROSPACE NAVIGATION  S ELECTIVES  GRAPH THEORY AND COMBINATORICS  ALGEBRA AND NUMBER THEORY  MATHEMATICAL FINANCE AND QUEUEING THEORY  VES  NON-DESTRUCTIVE TESTING  SMART MATERIALS  FUNDAMENTALS OF AIRCRAFT ENGINEERING		a,b,c,d,e a,b,c,d,e a,b a,b a,b a,b a,b a,b,c,d,e a,b,c,d,e a,b,c,d,e a,b,c,d,e	3 3 3 3 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	3 3 3 1 1 1 1 1 1 3 3 3 3 3 3
18AE025 18AE026 ENTREPRENE 18GE0E1 18GE0E2 ONE CREDIT ( 18AE0XA 18AE0XB 18AE0XC 18AE0XC 18AE0XC 18AE0XC 18AE0XC 18AE0XC 18AE0XD 18AE0XE MATHEMATIC 18GE0M1 18GE0M2 18GE0M3 OPEN ELECTI 18AE0YA 18AE0YB 18AE0YC 18GE0C1	GUIDANCE OF MISSILES  AIRCRAFT DESIGN  URSHIP ELECTIVES  ENTREPRENEURSHIP DEVELOPMENT I  ENTREPRENEURSHIP DEVELOPMENT II  COURSES  WIND TURBINE DESIGN AND TESTING  REAL TIME INDUSTRIAL APPLICATIONS IN CFD  FAILURE ANALYSIS OF ADVANCED COMPOSITES  TECHNICAL DOCUMENTATION FOR AEROSPACE ENGINEERING SERVICES  INTRODUCTION TO AEROSPACE NAVIGATION  S ELECTIVES  GRAPH THEORY AND COMBINATORICS  ALGEBRA AND NUMBER THEORY  MATHEMATICAL FINANCE AND QUEUEING THEORY  VES  NON-DESTRUCTIVE TESTING  SMART MATERIALS  FUNDAMENTALS OF AIRCRAFT ENGINEERING  CORROSION SCIENCE AND ENGINEERING		a,b,c,d,e a,b,c,d,e a,b	3 3 3 3 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	3 3 3 1 1 1 1 1 1 1 3 3 3 3 3 3 3 3
18AE025 18AE026 ENTREPRENE 18GE0E1 18GE0E2 ONE CREDIT ( 18AE0XA 18AE0XB 18AE0XC 18AE0XC 18AE0XC 18AE0XC 18AE0XB 18AE0XC 18AE0XD 18AE0XE MATHEMATIC 18GE0M1 18GE0M3 OPEN ELECTI 18AE0YA 18AE0YC 18GE0C1 18GE0C2	GUIDANCE OF MISSILES  AIRCRAFT DESIGN  URSHIP ELECTIVES  ENTREPRENEURSHIP DEVELOPMENT I  ENTREPRENEURSHIP DEVELOPMENT II  COURSES  WIND TURBINE DESIGN AND TESTING  REAL TIME INDUSTRIAL APPLICATIONS IN CFD  FAILURE ANALYSIS OF ADVANCED COMPOSITES  TECHNICAL DOCUMENTATION FOR AEROSPACE ENGINEERING SERVICES  INTRODUCTION TO AEROSPACE NAVIGATION  S ELECTIVES  GRAPH THEORY AND COMBINATORICS  ALGEBRA AND NUMBER THEORY  MATHEMATICAL FINANCE AND QUEUEING THEORY  VES  NON-DESTRUCTIVE TESTING  SMART MATERIALS  FUNDAMENTALS OF AIRCRAFT ENGINEERING  CORROSION SCIENCE AND ENGINEERING  ENERGY STORING DEVICES		a,b,c,d,e a,b,c,d,e  a,b a,b a,b a,b a,b a,b,c,d,e a,b,c,d,e a,b,c,d,e a,b,c,d,e a,b,c a,b,c a,b,c	3 3 3 3 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	3 3 3 1 1 1 1 1 1 1 3 3 3 3 3 3 3 3 3
18AE025 18AE026 ENTREPRENE 18GE0E1 18GE0E2 ONE CREDIT ( 18AE0XA 18AE0XB 18AE0XC 18AE0XC 18AE0XC 18AE0XC 18AE0XC 18AE0XB 18AE0XC 18AE0XC 18AE0XC 18AE0XC 18AE0XC 18GE0M1 18GE0M2 18GE0M3 OPEN ELECTI 18AE0YA 18AE0YA 18AE0YC 18GE0C1 18GE0C2 18GE0C3	GUIDANCE OF MISSILES  AIRCRAFT DESIGN  BURSHIP ELECTIVES  ENTREPRENEURSHIP DEVELOPMENT I  ENTREPRENEURSHIP DEVELOPMENT II  COURSES  WIND TURBINE DESIGN AND TESTING  REAL TIME INDUSTRIAL APPLICATIONS IN CFD  FAILURE ANALYSIS OF ADVANCED COMPOSITES  TECHNICAL DOCUMENTATION FOR AEROSPACE ENGINEERING SERVICES  INTRODUCTION TO AEROSPACE NAVIGATION  S ELECTIVES  GRAPH THEORY AND COMBINATORICS  ALGEBRA AND NUMBER THEORY  MATHEMATICAL FINANCE AND QUEUEING THEORY  VES  NON-DESTRUCTIVE TESTING  SMART MATERIALS  FUNDAMENTALS OF AIRCRAFT ENGINEERING  CORROSION SCIENCE AND ENGINEERING  ENERGY STORING DEVICES  POLYMER SCIENCE		a,b,c,d,e a,b,c,d,e  a,b a,b a,b a,b a,b a,b,c,d,e a,b,c,d,e a,b,c,d,e a,b,c,d,e a,b,c a,b,c a,b,c	3 3 3 3 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	3 3 3 1 1 1 1 1 1 1 3 3 3 3 3 3 3 3 3 3
18AE025 18AE026 ENTREPRENE 18GE0E1 18GE0E2 ONE CREDIT ( 18AE0XA 18AE0XB 18AE0XC 18GE0M1 18GE0M2 18GE0M3 OPEN ELECTI 18AE0YA 18AE0YC 18GE0C1 18GE0C2 18GE0C3 18GE0P1	GUIDANCE OF MISSILES  AIRCRAFT DESIGN  URSHIP ELECTIVES  ENTREPRENEURSHIP DEVELOPMENT I  ENTREPRENEURSHIP DEVELOPMENT II  COURSES  WIND TURBINE DESIGN AND TESTING  REAL TIME INDUSTRIAL APPLICATIONS IN CFD  FAILURE ANALYSIS OF ADVANCED COMPOSITES  TECHNICAL DOCUMENTATION FOR AEROSPACE ENGINEERING SERVICES  INTRODUCTION TO AEROSPACE NAVIGATION  SELECTIVES  GRAPH THEORY AND COMBINATORICS  ALGEBRA AND NUMBER THEORY  MATHEMATICAL FINANCE AND QUEUEING THEORY  VES  NON-DESTRUCTIVE TESTING  SMART MATERIALS  FUNDAMENTALS OF AIRCRAFT ENGINEERING  CORROSION SCIENCE AND ENGINEERING  ENERGY STORING DEVICES  POLYMER SCIENCE		a,b,c,d,e a,b,c,d,e  a,b a,b a,b a,b a,b a,b,c,d,e a,b,c,d,e a,b,c,d,e a,b,c,d,e a,b,c a,b,c a,b,c	3 3 3 3 0 0 0 0 0 0 0 0 3 3 3 3 3 3 3 3	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	3 3 3 1 1 1 1 1 1 3 3 3 3 3 3 3 3 3 3 3
18AE025 18AE026 ENTREPRENE 18GE0E1 18GE0E2 ONE CREDIT ( 18AE0XA 18AE0XB 18AE0XC 18GE0M1 18GE0M2 18GE0M3 OPEN ELECTI 18AE0YA 18AE0YB 18AE0YC 18GE0C1 18GE0C2 18GE0C3 18GE0P1 18GE0P2	GUIDANCE OF MISSILES  AIRCRAFT DESIGN  URSHIP ELECTIVES  ENTREPRENEURSHIP DEVELOPMENT I  ENTREPRENEURSHIP DEVELOPMENT II  COURSES  WIND TURBINE DESIGN AND TESTING  REAL TIME INDUSTRIAL APPLICATIONS IN CFD  FAILURE ANALYSIS OF ADVANCED COMPOSITES  TECHNICAL DOCUMENTATION FOR AEROSPACE ENGINEERING SERVICES  INTRODUCTION TO AEROSPACE NAVIGATION  S ELECTIVES  GRAPH THEORY AND COMBINATORICS  ALGEBRA AND NUMBER THEORY  MATHEMATICAL FINANCE AND QUEUEING THEORY  VES  NON-DESTRUCTIVE TESTING  SMART MATERIALS  FUNDAMENTALS OF AIRCRAFT ENGINEERING  CORROSION SCIENCE AND ENGINEERING  ENERGY STORING DEVICES  POLYMER SCIENCE  NANOMATERIALS SCIENCE  SEMICONDUCTOR PHYSICS AND DEVICES		a,b,c,d,e a,b,c,d,e  a,b a,b a,b a,b a,b a,b,c,d,e a,b,c,d,e a,b,c,d,e a,b,c,d,e a,b,c a,b,c a,b,c	3 3 3 3 0 0 0 0 0 0 0 0 3 3 3 3 3 3 3 3	0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0	3 3 3 1 1 1 1 1 1 3 3 3 3 3 3 3 3 3 3 3
18AE025 18AE026 ENTREPRENE 18GE0E1 18GE0E2 ONE CREDIT ( 18AE0XA 18AE0XB 18AE0XC 18AE0XC 18AE0XC 18AE0XC 18AE0XC 18AE0XC 18AE0XC 18AE0XC 18GE0M1 18GE0M2 18GE0M3 OPEN ELECTI 18AE0YA 18AE0YB 18AE0YC 18GE0C1 18GE0C2 18GE0C2 18GE0C3 18GE0P1 18GE0P2 18GE0P3	GUIDANCE OF MISSILES  AIRCRAFT DESIGN  URSHIP ELECTIVES  ENTREPRENEURSHIP DEVELOPMENT I ENTREPRENEURSHIP DEVELOPMENT II  COURSES  WIND TURBINE DESIGN AND TESTING  REAL TIME INDUSTRIAL APPLICATIONS IN CFD  FAILURE ANALYSIS OF ADVANCED COMPOSITES  TECHNICAL DOCUMENTATION FOR AEROSPACE ENGINEERING SERVICES INTRODUCTION TO AEROSPACE NAVIGATION  S ELECTIVES  GRAPH THEORY AND COMBINATORICS  ALGEBRA AND NUMBER THEORY  MATHEMATICAL FINANCE AND QUEUEING THEORY  VES  NON-DESTRUCTIVE TESTING SMART MATERIALS FUNDAMENTALS OF AIRCRAFT ENGINEERING CORROSION SCIENCE AND ENGINEERING ENERGY STORING DEVICES  POLYMER SCIENCE  SEMICONDUCTOR PHYSICS AND DEVICES  APPLIED LASER SCIENCE		a,b,c,d,e a,b,c,d,e  a,b a,b a,b a,b a,b a,b,c,d,e a,b,c,d,e a,b,c,d,e a,b,c,d,e a,b,c a,b,c a,b,c	3 3 3 3 0 0 0 0 0 0 0 0 0 3 3 3 3 3 3 3	0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0	3 3 3 1 1 1 1 1 1 1 3 3 3 3 3 3 3 3 3 3
18AE025 18AE026 ENTREPRENE 18GE0E1 18GE0E2 ONE CREDIT ( 18AE0XA 18AE0XB 18AE0XC 18AE0XC 18AE0XC 18AE0XC 18AE0XC 18AE0XC 18AE0XC 18AE0XC 18AE0XC 18GE0M1 18GE0M2 18GE0M3 OPEN ELECTI 18AE0YA 18AE0YB 18AE0YC 18GE0C1 18GE0C2 18GE0C3 18GE0C1 18GE0P2 18GE0P3 18GE0P4 18GE0P5	GUIDANCE OF MISSILES  AIRCRAFT DESIGN  URSHIP ELECTIVES  ENTREPRENEURSHIP DEVELOPMENT I ENTREPRENEURSHIP DEVELOPMENT II  COURSES  WIND TURBINE DESIGN AND TESTING  REAL TIME INDUSTRIAL APPLICATIONS IN CFD  FAILURE ANALYSIS OF ADVANCED COMPOSITES  TECHNICAL DOCUMENTATION FOR AEROSPACE ENGINEERING SERVICES INTRODUCTION TO AEROSPACE NAVIGATION  S ELECTIVES  GRAPH THEORY AND COMBINATORICS  ALGEBRA AND NUMBER THEORY  MATHEMATICAL FINANCE AND QUEUEING THEORY  VES  NON-DESTRUCTIVE TESTING SMART MATERIALS  FUNDAMENTALS OF AIRCRAFT ENGINEERING CORROSION SCIENCE AND ENGINEERING ENERGY STORING DEVICES  POLYMER SCIENCE  NANOMATERIALS SCIENCE  SEMICONDUCTOR PHYSICS AND DEVICES  APPLIED LASER SCIENCE  BIO-PHOTONICS		a,b,c,d,e a,b,c,d,e  a,b a,b a,b a,b a,b a,b,c,d,e a,b,c,d,e a,b,c,d,e a,b,c,d,e a,b,c a,b,c a,b,c	3 3 3 3 0 0 0 0 0 0 0 0 0 0 3 3 3 3 3 3		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 3 3 3 1 1 1 1 1 1 1 1 3 3 3 3 3 3 3 3
18AE025 18AE026 ENTREPRENE 18GE0E1 18GE0E2 ONE CREDIT ( 18AE0XA 18AE0XB 18AE0XC 18AE0XC 18AE0XC 18AE0XC 18AE0XC 18AE0XC 18AE0XC 18GE0M1 18GE0M2 18GE0M3 OPEN ELECTI 18AE0YA 18AE0YB 18AE0YC 18GE0C1 18GE0C2 18GE0C3 18GE0C3 18GE0P1 18GE0P2 18GE0P3 18GE0P4 18GE0P5 18AG0YA	GUIDANCE OF MISSILES AIRCRAFT DESIGN URSHIP ELECTIVES ENTREPRENEURSHIP DEVELOPMENT I ENTREPRENEURSHIP DEVELOPMENT II ENTREPRENEURSHIP DEVELOPMENT II COURSES WIND TURBINE DESIGN AND TESTING REAL TIME INDUSTRIAL APPLICATIONS IN CFD FAILURE ANALYSIS OF ADVANCED COMPOSITES TECHNICAL DOCUMENTATION FOR AEROSPACE ENGINEERING SERVICES INTRODUCTION TO AEROSPACE NAVIGATION S ELECTIVES GRAPH THEORY AND COMBINATORICS ALGEBRA AND NUMBER THEORY MATHEMATICAL FINANCE AND QUEUEING THEORY VES NON-DESTRUCTIVE TESTING SMART MATERIALS FUNDAMENTALS OF AIRCRAFT ENGINEERING CORROSION SCIENCE AND ENGINEERING ENERGY STORING DEVICES POLYMER SCIENCE NANOMATERIALS SCIENCE SEMICONDUCTOR PHYSICS AND DEVICES APPLIED LASER SCIENCE BIO-PHOTONICS PHYSICS OF SOFT MATTER ENTREPRENEURSHIP DEVELOPMENT AND FOOD QUALITY MANAGEMENT FOOD INDUSTRY		a,b,c,d,e a,b,c,d,e  a,b a,b a,b a,b a,b a,b,c,d,e a,b,c,d,e a,b,c,d,e a,b,c,d,e a,b,c a,b,c a,b,c	3 3 3 3 0 0 0 0 0 0 0 0 3 3 3 3 3 3 3 3		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 3 3 1 1 1 1 1 1 1 3 3 3 3 3 3 3 3 3 3
18AE025 18AE026 ENTREPRENE 18GE0E1 18GE0E2 ONE CREDIT ( 18AE0XA 18AE0XB 18AE0XC 18AE0XC 18AE0XC 18AE0XC 18AE0XC 18AE0XC 18AE0XC 18AE0XC 18GE0M1 18GE0M2 18GE0M3 OPEN ELECTI 18AE0YA 18AE0YB 18AE0YC 18GE0C1 18GE0C2 18GE0C3 18GE0C1 18GE0C9 18GE0P4 18GE0P5 18AG0YA 18AG0YB	GUIDANCE OF MISSILES AIRCRAFT DESIGN URSHIP ELECTIVES ENTREPRENEURSHIP DEVELOPMENT I ENTREPRENEURSHIP DEVELOPMENT II ENTREPRENEURSHIP DEVELOPMENT II COURSES WIND TURBINE DESIGN AND TESTING REAL TIME INDUSTRIAL APPLICATIONS IN CFD FAILURE ANALYSIS OF ADVANCED COMPOSITES TECHNICAL DOCUMENTATION FOR AEROSPACE ENGINEERING SERVICES INTRODUCTION TO AEROSPACE NAVIGATION S ELECTIVES GRAPH THEORY AND COMBINATORICS ALGEBRA AND NUMBER THEORY MATHEMATICAL FINANCE AND QUEUEING THEORY VES NON-DESTRUCTIVE TESTING SMART MATERIALS FUNDAMENTALS OF AIRCRAFT ENGINEERING CORROSION SCIENCE AND ENGINEERING ENERGY STORING DEVICES POLYMER SCIENCE NANOMATERIALS SCIENCE SEMICONDUCTOR PHYSICS AND DEVICES APPLIED LASER SCIENCE BIO-PHOTONICS PHYSICS OF SOFT MATTER ENTREPRENEURSHIP DEVELOPMENT AND FOOD QUALITY MANAGEMENT FOOD INDUSTRY HUMAN ENGINEERING AND SAFETY IN AGRICULTURE		a,b,c,d,e a,b,c,d,e  a,b a,b a,b a,b a,b a,b,c,d,e a,b,c,d,e a,b,c,d,e a,b,c,d,e a,b,c a,b,c a,b,c	3 3 3 3 0 0 0 0 0 0 0 0 3 3 3 3 3 3 3 3		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 3 3 3 1 1 1 1 1 1 1 1 3 3 3 3 3 3 3 3
18AE025 18AE026 ENTREPRENE 18GE0E1 18GE0E2 ONE CREDIT ( 18AE0XA 18AE0XB 18AE0XC 18AE0XC 18AE0XC 18AE0XC 18AE0XC 18AE0XC 18AE0XC 18GE0M1 18GE0M2 18GE0M3 OPEN ELECTI 18AE0YA 18AE0YB 18AE0YC 18GE0C1 18GE0C2 18GE0C3 18GE0C3 18GE0P1 18GE0P2 18GE0P3 18GE0P4 18GE0P5 18AG0YA	GUIDANCE OF MISSILES AIRCRAFT DESIGN URSHIP ELECTIVES ENTREPRENEURSHIP DEVELOPMENT I ENTREPRENEURSHIP DEVELOPMENT II ENTREPRENEURSHIP DEVELOPMENT II COURSES WIND TURBINE DESIGN AND TESTING REAL TIME INDUSTRIAL APPLICATIONS IN CFD FAILURE ANALYSIS OF ADVANCED COMPOSITES TECHNICAL DOCUMENTATION FOR AEROSPACE ENGINEERING SERVICES INTRODUCTION TO AEROSPACE NAVIGATION S ELECTIVES GRAPH THEORY AND COMBINATORICS ALGEBRA AND NUMBER THEORY MATHEMATICAL FINANCE AND QUEUEING THEORY VES NON-DESTRUCTIVE TESTING SMART MATERIALS FUNDAMENTALS OF AIRCRAFT ENGINEERING CORROSION SCIENCE AND ENGINEERING ENERGY STORING DEVICES POLYMER SCIENCE NANOMATERIALS SCIENCE SEMICONDUCTOR PHYSICS AND DEVICES APPLIED LASER SCIENCE BIO-PHOTONICS PHYSICS OF SOFT MATTER ENTREPRENEURSHIP DEVELOPMENT AND FOOD QUALITY MANAGEMENT FOOD INDUSTRY		a,b,c,d,e a,b,c,d,e  a,b a,b a,b a,b a,b a,b,c,d,e a,b,c,d,e a,b,c,d,e a,b,c,d,e a,b,c a,b,c a,b,c	3 3 3 3 0 0 0 0 0 0 0 0 3 3 3 3 3 3 3 3		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 3 3 1 1 1 1 1 1 1 3 3 3 3 3 3 3 3 3 3
18AE025 18AE026 ENTREPRENE 18GE0E1 18GE0E2 ONE CREDIT ( 18AE0XA 18AE0XB 18AE0XC 18AE0XC 18AE0XC 18AE0XC 18AE0XC 18AE0XC 18AE0XC 18AE0XC 18GE0M1 18GE0M2 18GE0M3 OPEN ELECTI 18AE0YA 18AE0YB 18AE0YC 18GE0C1 18GE0C2 18GE0C3 18GE0C1 18GE0C9 18GE0P4 18GE0P5 18AG0YA 18AG0YB	GUIDANCE OF MISSILES AIRCRAFT DESIGN URSHIP ELECTIVES ENTREPRENEURSHIP DEVELOPMENT I ENTREPRENEURSHIP DEVELOPMENT II ENTREPRENEURSHIP DEVELOPMENT II COURSES WIND TURBINE DESIGN AND TESTING REAL TIME INDUSTRIAL APPLICATIONS IN CFD FAILURE ANALYSIS OF ADVANCED COMPOSITES TECHNICAL DOCUMENTATION FOR AEROSPACE ENGINEERING SERVICES INTRODUCTION TO AEROSPACE NAVIGATION S ELECTIVES GRAPH THEORY AND COMBINATORICS ALGEBRA AND NUMBER THEORY MATHEMATICAL FINANCE AND QUEUEING THEORY VES NON-DESTRUCTIVE TESTING SMART MATERIALS FUNDAMENTALS OF AIRCRAFT ENGINEERING CORROSION SCIENCE AND ENGINEERING ENERGY STORING DEVICES POLYMER SCIENCE NANOMATERIALS SCIENCE SEMICONDUCTOR PHYSICS AND DEVICES APPLIED LASER SCIENCE BIO-PHOTONICS PHYSICS OF SOFT MATTER ENTREPRENEURSHIP DEVELOPMENT AND FOOD QUALITY MANAGEMENT FOOD INDUSTRY HUMAN ENGINEERING AND SAFETY IN AGRICULTURE		a,b,c,d,e a,b,c,d,e  a,b a,b a,b a,b a,b a,b,c,d,e a,b,c,d,e a,b,c,d,e a,b,c,d,e a,b,c a,b,c a,b,c	3 3 3 3 0 0 0 0 0 0 0 0 3 3 3 3 3 3 3 3		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 3 3 1 1 1 1 1 1 1 3 3 3 3 3 3 3 3 3 3
18AE025 18AE026 ENTREPRENE 18GE0E1 18GE0E2 ONE CREDIT ( 18AE0XA 18AE0XB 18AE0XC 18GE0M1 18GE0M2 18GE0M3 OPEN ELECTI 18AE0YA 18AE0YB 18AE0YC 18GE0C1 18GE0C2 18GE0C3 18GE0P1 18GE0P2 18GE0P3 18GE0P4 18GE0P5 18AG0YA	GUIDANCE OF MISSILES AIRCRAFT DESIGN URSHIP ELECTIVES ENTREPRENEURSHIP DEVELOPMENT I ENTREPRENEURSHIP DEVELOPMENT II ENTREPRENEURSHIP DEVELOPMENT II COURSES WIND TURBINE DESIGN AND TESTING REAL TIME INDUSTRIAL APPLICATIONS IN CFD FAILURE ANALYSIS OF ADVANCED COMPOSITES TECHNICAL DOCUMENTATION FOR AEROSPACE ENGINEERING SERVICES INTRODUCTION TO AEROSPACE NAVIGATION S ELECTIVES GRAPH THEORY AND COMBINATORICS ALGEBRA AND NUMBER THEORY MATHEMATICAL FINANCE AND QUEUEING THEORY VES NON-DESTRUCTIVE TESTING SMART MATERIALS FUNDAMENTALS OF AIRCRAFT ENGINEERING CORROSION SCIENCE AND ENGINEERING ENERGY STORING DEVICES POLYMER SCIENCE NANOMATERIALS SCIENCE SEMICONDUCTOR PHYSICS AND DEVICES APPLIED LASER SCIENCE BIO-PHOTONICS PHYSICS OF SOFT MATTER ENTREPRENEURSHIP DEVELOPMENT AND FOOD QUALITY MANAGEMENT FOOD INDUSTRY HUMAN ENGINEERING AND SAFETY IN AGRICULTURE ENERGY MANGEMENT IN AGRICULTURE		a,b,c,d,e a,b,c,d,e  a,b a,b a,b a,b a,b a,b,c,d,e a,b,c,d,e a,b,c,d,e a,b,c,d,e a,b,c a,b,c a,b,c	3 3 3 3 0 0 0 0 0 0 0 0 0 3 3 3 3 3 3 3		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 3 3 1 1 1 1 1 1 1 3 3 3 3 3 3 3 3 3 3

4041107/0	IDUDU IO TRANSPORT MANAGEMENT	1	ı	_	_	_	
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
		<u> </u>	<u> </u>	_		-	-
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	1-	-	3	0	0	3
				_		-	-
18CE0YD	BUILDING SERVICES	<u> </u>		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	<u> </u>		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	1-	1-	3	0	0	3
18CS0YH	SOCIAL NETWORK ANALYSIS CONCEPTS	+	L	3	0	0	3
		<u> </u>	<u> </u>				
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	1.	<u>.</u>	3	0	0	3
		<u> </u>					-
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
		<del>-</del>					
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	<del> </del> -	-	3	0	0	3
		<del>-</del>					
18EE0YA	ENERGY CONSERVATION AND MANAGEMENT	<u> </u>		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
	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
		<u> </u>					
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	1-	<del> </del> -	3	0	0	3
18FT0YD		+	1				
	INTERIOR DESIGN	-	<u> </u>	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	<del>1.</del>	<u>.</u>	3	0	0	3
18GE03	OF ERVITIONS RESEARCH	1-		_			
10/26/1	COOT MANAGEMENT OF ENGINEERING PROJECTS	+	1		0	0	3
	COST MANAGEMENT OF ENGINEERING PROJECTS	-	-	3			
18GE04	COST MANAGEMENT OF ENGINEERING PROJECTS COMPOSITE MATERIALS	-	-	3	0	0	3
		-	-			0	3
18GE05 18GE06	COMPOSITE MATERIALS WASTE TO ENERGY	-	-	3	0	0	3
18GE05 18GE06 18IT0YA	COMPOSITE MATERIALS WASTE TO ENERGY DATABASE MANAGEMENT SYSTEMS	-	- - -	3 3	0 0	0	3
18GE05 18GE06 18IT0YA 18IT0YB	COMPOSITE MATERIALS WASTE TO ENERGY DATABASE MANAGEMENT SYSTEMS DATA STRUCTURES AND ALGORITHMS	-	- - -	3 3 3	0 0 0	0 0	3 3
18GE05 18GE06 18IT0YA	COMPOSITE MATERIALS WASTE TO ENERGY DATABASE MANAGEMENT SYSTEMS	-	- - - - -	3 3	0 0	0	3
18GE05 18GE06 18IT0YA 18IT0YB	COMPOSITE MATERIALS WASTE TO ENERGY DATABASE MANAGEMENT SYSTEMS DATA STRUCTURES AND ALGORITHMS	-	-	3 3 3	0 0 0	0 0	3 3
18GE05 18GE06 18IT0YA 18IT0YB 18IT0YC 18IT0YD	COMPOSITE MATERIALS WASTE TO ENERGY DATABASE MANAGEMENT SYSTEMS DATA STRUCTURES AND ALGORITHMS DATA SCIENCES AND ANALYTICS	-	-	3 3 3 3 3	0 0 0 0	0 0 0	3 3 3
18GE05 18GE06 18IT0YA 18IT0YB 18IT0YC 18IT0YD 18IT0YE	COMPOSITE MATERIALS WASTE TO ENERGY DATABASE MANAGEMENT SYSTEMS DATA STRUCTURES AND ALGORITHMS DATA SCIENCES AND ANALYTICS OBJECT ORIENTED PROGRAMMING ARTIFICIAL INTELLIGENCE	-	-	3 3 3 3 3 3 3	0 0 0 0 0	0 0 0 0 0	3 3 3 3 3 3
18GE05 18GE06 18IT0YA 18IT0YB 18IT0YC 18IT0YD 18IT0YE 18ME0YA	COMPOSITE MATERIALS WASTE TO ENERGY DATABASE MANAGEMENT SYSTEMS DATA STRUCTURES AND ALGORITHMS DATA SCIENCES AND ANALYTICS OBJECT ORIENTED PROGRAMMING ARTIFICIAL INTELLIGENCE INDUSTRIAL PROCESS ENGINEERING		- - - - - - - -	3 3 3 3 3 3 3	0 0 0 0 0	0 0 0 0 0	3 3 3 3 3 3 3
18GE05 18GE06 18IT0YA 18IT0YB 18IT0YC 18IT0YD 18IT0YE 18ME0YA 18ME0YB	COMPOSITE MATERIALS  WASTE TO ENERGY  DATABASE MANAGEMENT SYSTEMS  DATA STRUCTURES AND ALGORITHMS  DATA SCIENCES AND ANALYTICS  OBJECT ORIENTED PROGRAMMING  ARTIFICIAL INTELLIGENCE  INDUSTRIAL PROCESS ENGINEERING  SAFETY ENGINEERING	-		3 3 3 3 3 3 3	0 0 0 0 0 0	0 0 0 0 0 0	3 3 3 3 3 3 3 3
18GE05 18GE06 18IT0YA 18IT0YB 18IT0YC 18IT0YD 18IT0YE 18ME0YA	COMPOSITE MATERIALS WASTE TO ENERGY DATABASE MANAGEMENT SYSTEMS DATA STRUCTURES AND ALGORITHMS DATA SCIENCES AND ANALYTICS OBJECT ORIENTED PROGRAMMING ARTIFICIAL INTELLIGENCE INDUSTRIAL PROCESS ENGINEERING	-	- - - - - - - - -	3 3 3 3 3 3 3	0 0 0 0 0	0 0 0 0 0	3 3 3 3 3 3 3
18GE05 18GE06 18IT0YA 18IT0YB 18IT0YC 18IT0YD 18IT0YE 18ME0YA 18ME0YB	COMPOSITE MATERIALS  WASTE TO ENERGY  DATABASE MANAGEMENT SYSTEMS  DATA STRUCTURES AND ALGORITHMS  DATA SCIENCES AND ANALYTICS  OBJECT ORIENTED PROGRAMMING  ARTIFICIAL INTELLIGENCE  INDUSTRIAL PROCESS ENGINEERING  SAFETY ENGINEERING	-		3 3 3 3 3 3 3 3	0 0 0 0 0 0	0 0 0 0 0 0	3 3 3 3 3 3 3 3 3
18GE05 18GE06 18IT0YA 18IT0YB 18IT0YC 18IT0YD 18IT0YE 18ME0YA 18ME0YB 18ME0YC 18ME0YD	COMPOSITE MATERIALS  WASTE TO ENERGY  DATABASE MANAGEMENT SYSTEMS  DATA STRUCTURES AND ALGORITHMS  DATA SCIENCES AND ANALYTICS  OBJECT ORIENTED PROGRAMMING  ARTIFICIAL INTELLIGENCE  INDUSTRIAL PROCESS ENGINEERING  SAFETY ENGINEERING  MAINTENANCE ENGINEERING  BASICS OF NON-DESTRUCTIVE TESTING	-		3 3 3 3 3 3 3 3 3 3 3	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	3 3 3 3 3 3 3 3 3 3
18GE05 18GE06 18IT0YA 18IT0YB 18IT0YC 18IT0YD 18IT0YE 18ME0YA 18ME0YA 18ME0YC 18ME0YD	COMPOSITE MATERIALS  WASTE TO ENERGY  DATABASE MANAGEMENT SYSTEMS  DATA STRUCTURES AND ALGORITHMS  DATA SCIENCES AND ANALYTICS  OBJECT ORIENTED PROGRAMMING  ARTIFICIAL INTELLIGENCE  INDUSTRIAL PROCESS ENGINEERING  SAFETY ENGINEERING  MAINTENANCE ENGINEERING  BASICS OF NON-DESTRUCTIVE TESTING  DIGITAL MANUFACTURING	- - - - - - - - -		3 3 3 3 3 3 3 3 3 3 3 3 3	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	3 3 3 3 3 3 3 3 3 3
18GE05 18GE06 18IT0YA 18IT0YB 18IT0YC 18IT0YD 18IT0YE 18ME0YA 18ME0YB 18ME0YC 18ME0YD	COMPOSITE MATERIALS  WASTE TO ENERGY  DATABASE MANAGEMENT SYSTEMS  DATA STRUCTURES AND ALGORITHMS  DATA SCIENCES AND ANALYTICS  OBJECT ORIENTED PROGRAMMING  ARTIFICIAL INTELLIGENCE  INDUSTRIAL PROCESS ENGINEERING  SAFETY ENGINEERING  MAINTENANCE ENGINEERING  BASICS OF NON-DESTRUCTIVE TESTING	- - - - - - - - - -		3 3 3 3 3 3 3 3 3 3 3	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	3 3 3 3 3 3 3 3 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