Code	Course	26S	25F	25S	24F	24S	23F	23S	22F	22S	21F
401	INTERNAL COMBUSTION ENGINES		■								
402	FLUID MACHINERY	■	■	■	■	■	■	■	■	■	■
403	HEATING. VENT. AIR COND.& REFRIGERAT	■					■				
404	THIN WALLED STRUCTURES							■			■
405	ENERGY CONVERSION SYSTEMS		■		■			■	■	■	
411	GAS DYNAMICS		■	■	■		■		■		■
413	INTRO. TO FINITE ELEMENT ANALYSI		■		■	■	■	■			■
414	SYSTEM DYNAMICS		■		■		■				■
415	UTILIZATION OF GEOTHERMAL ENERGY		■						■		■
418	DYNAMICS OF MACHINERY	■		■						■	
420	REFRIGERATION ENGINEERING	■									
421	STEAM GENERATOR & HEAT EXCH. DESIGN	■	■	■	■	■		■	■	■	■
422	HEAT.. VENT.. AIR COND.&REFRIG. SYS.DES.										
423	GAS TURBINES AND JET PROPULSION		■				■				
424	STEAM POWER PLANT ENGINEERING										
426	INTERNAL COMBUSTION ENGINE DESIGN										
429	MECHANICAL VIBRATIONS		■		■		■		■		■
431	KINEMATIC SYNTHESIS OF MECHANISMS		■	■			■		■		■
432	ACOUSTICS AND NOISE CONTROL ENG.		■		■		■		■		■
433	ENG. METROLOGY & QUALITY CONTRO							■		■	
434	ADVANCED STRENGTH OF MATERIALS		■		■		■		■		■
438	THEORY OF COMBUSTION	■	■							■	■
440	NUMERICALLY CONTROLLED MACHINE TOOLS								■		■
442	DESIGN OF CONTROL SYSTEMS		■		■		■		■		■
443	ENG. ECONOMY & PROD. MANAGEMENT									■	
445	INTEGRATED MANUFACTURING SYSTEMS	■		■		■		■		■	
448	FUND. OF MEMS	■	■	■		■		■			
450	NONDESTRUCTIVE TESTING METHODS		■		■						
451	INTRODUCTION TO COMPOSITE STRUCTURES	■		■		■		■		■	

Code	Course	26S	25F	25S	24F	24S	23F	23S	22F	22S	21F
455	MANUF. OF POLYMERIC STRUCTURES										
461	MECHATRONIC COMPON.AND INSTRUMENT										
462	MECHATRONIC DESIGN										
463	ADDITIVE MANUFACTURING										
464	SP IN ME: TRANSPORT PROCESSES IN BIOMEDICAL SYSTEMS										
465	AUTOMOTIVE ENGINEERING										
466	PERFORMANCE OF ROAD VEHICLES										
474	DESIGN OF RENEWABLE ENERGY SYSTEMS										
475	SP IN ME: MICROMANUFACTURING										
476	SECOND LAW ANALYSIS OF ENG. SYSTEMS										
478	INTRODUCTION TO SOLAR ENERGY UTILIZATI										
481	INDUSTRIAL FLUID POWER										
483	EXPERIMENTAL TECHNIQUES IN FLUID MECH.										
484	TURBULENCE AND ITS MEASUREMENT										
485	COMP.FLUID DYNAM. USING FINITE VOLUME METHOD										
489	APPLIED SCIENTIFIC PROGRAMMING										
492	FUEL CELL FUNDAMENTALS										
493	INTRO. TO SMART STRUCT. AND MATERIALS										
495	SP IN ME: 3D PRINTING AND ADDITIVE MANUF.										
497	SP IN ME: MACHINING DYN. & MACHINE TOOL VIB.										