BASKET OF ELECTICVES

AUTOMOTIVE - V   VII   IX   X (Other Dept.,)

Sl.No	Course No	Course Title
1	AM5599	Computational Techniques in Applied Mechanics
2	CE4719	Computer Application in Traffic & Highway Engineering
3	CH5120	Modern control Theory
4	CH5170	Process Optimization
5	EE4240	Image Signal Processing
6	EE4310	Digital System Design
7	EE5030	DSP Architecture & Embedded Systems
8	EE5550	Micro-electro Mechanical Systems
9	EE5750	Adaptive and Optimal Control
10	EE5780	Robotic Control Systems
11	MA 6180	Introdcution to Algebraic Geometry
12	MA 6230	Graph Theory
13	MA2040	Probability,Statistics and Stochaistic Processes
14	MA5310	Linear Algebra
15	MA5380	Topology
16	MA5410	Numerical Methods and Computing
17	MA5460	Transform Techniques
18	MA5750	Applied Statistics
19	ME4420	Unconventional Manufacturing Techniques
20	ME4420	Unconventional Manufacturing Techniques
21	ME6020	IC Engine Combustion & Pollution
22	ME6060	Fundamental of Combustion
23	ME6110	Combustion Technology
24	ME6280	Design & Optimisation of Energy Systems
25	ME6290	Advanced Energy Conversion
26	ME6590	Renewable Energy Technology
27	ME6810	Transmission Mechanism and Manipulators
28	ME7240	Modeling and Simulation in Manufacturing
29	ME7430	Oil Hydraulics & Pneumatic Systems
30	MM4049	Materials Selection and Design

BASKET OF ELECTICVES

BIOMEDICAL - V, VII, IX, X (Other Dept.,)

SL. No	Course No	Course Title
1	AM3010	Introduction to Bio Mechanics
2	AM4010	Biomedical Signal Processing
3	AM5010	Biomechanics
4	AM5130	Quantitative Physiology
5	AM5140	Biomedcial Instrumentation
6	AM5510	Biomedical Signals and Systems
7	AM5600	Computational Techniques in Applied Mechanics
8	BT3051	Data Structures and Algorithms for Biology
9	CH5120	Modern control Theory
10	CH5170	Process Optimization
11	EE4240	Image Signal Processing
12	EE4310	Digital System Design
13	EE5030	DSP Architecture & Embedded Systems
14	EE5080	Introduction to Digital Signal Processing
15	EE5270	Microwave Solid State Devices
16	EE5550	Micro-electro Mechanical Systems
17	EE5750	Adaptive and Optimal Control
18	EE5780	Robotic Control Systems
19	MA 6180	Introduction to Algebraic Geometry
20	MA 6230	Graph Theory
21	MA2040	Probability,Statistics and Stochaistic Processes
22	MA2050	Probability and Random Processes
23	MA5310	Linear Algebra
24	MA5380	Topology
25	MA5410	Numerical Methods and Computing
26	MA5460	Transform Techniques
27	MA5750	Applied Statistics
28	ME4419	Unconventional Manufacturing Techniques
29	MM4049	Materials Selection and Design

BASKET OF ELECTICVES

ED DEPARTMENT - V, VI, VII, IX, IX, X

Sl. No	Course No	Course Title
1	ED3040	Aesthetics in Design
2	ED3090	Introduction to System Design
3	ED3151	Industrial Automation and Robotics
4	ED3152	Precision Processes and Systems
5	ED3153	Pronciples of Form Design
6	ED5051	Design of Implantable Devices
7	ED5052	Fundamentals of Electromagnetic Compatibility Design
8	ED5053	Mechanics of Materials with Microstructures
9	ID5060	First Priniciple Tools in Engineering
10	ED5150	Advanced Mechanisms
11	ED5240	Tyre Mechanics
12	ED6007	Mechanics and control of Robot Manipulators
13	ED5270	Motorcycle Dynamics
14	ED5290	Rapid Product Development
15	ED5310	Differential and Computational Geometry
16	ED5311	Medical Device Innovation
17	ED5312	Materials and Manufacturing for the Automotive Industry
18	ED5313	Biomedical Signal and Image Processing
19	ED5314	Design, Analysis and Control of Robot Manipulators
20	ED5315	Introdcution to Field and Service Robotics
21	ED5316	Antenna Therory and Design
22	ED5317	Strategies for Managing Innovation
23	ED5318	Biomimetic Design
24	ED5319	Introduction to the Design of Heat Exchangers, Pressure Vessels & Piping
25	ED5330	Control of Automative Systems
26	ED5511	Laser in Measurements & Micro-Manuf.
27	ED6002	Optimization methods in Engineering Design
28	ED6003	Micromechanics
29	ID7010	Advanced Finite Element Analysis