Equivalence of courses in Old and New Scheme for B.Tech. (Automobile Engineering)

Subjects/Courses in Old Scheme		Equivalent Subject/Courses in New Scheme	
Code	**Name**	**Code**	**Name**
3AE1	Mechanics of solids	3AE1A	Mechanics of Solids-I
3AE2	Material science & engineering	3AE2A	Material Science and Engineering
3AE3	Engineering thermodynamics	3AE3A	Engineering Thermodynamics
3AE4	Manufacturing processes	3AE4A	Manufacturing Processes
3AE5	Object oriented programming in C++	3AE5A	Object Oriented Programming in C ++
3AE6	Advanced engineering mathematics	3AE6A	Advanced Engg. Mathematics
4AE1	Design of Machine Elements - I	4AE4A	Design Of Machine Elements – I
4AE2	Automotive Systems	-	No equivalence
4AE3	Fluid Engineering	4AE2A	Fluid Mechanics
4AE4	Machining & Machine Tools	4AE3A	Machining And Machine Tools
4AE5	I.C. Engines	4AE6A	I.C. Engines
4AE6	Mechanical Measurement & Control	-	No equivalence
5AE1	Heat transfer in IC engine	5AE1A	Heat Transfer
5AE2	Automotive electrical & electronics	-	No Equivalence
5AE3	Computer graphics & design	-	No Equivalence
5AE4	Advanced IC engine	-	No Equivalence
5AE5	Automotive transmission	-	No Equivalence
5AE6	Theory of machines	-	No Equivalence
6AE1	Automotive chassis and auto system design	6AE4A	Auto Chassis and Auto system Design
6AE2	Automatic control engineering	-	No Equivalence
6AE3	Design of machine elements II	6AE1A	Design of Machine elements-II
6AE4	Vehicle dynamics	-	No Equivalence
6AE5	Automotive emission & pollution control	6AE3A	Auto Emission & Pollution Control
6AE6	Automotive heating, ventilation & air conditioning	-	No Equivalence

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7AE1	Advanced IC engine II	7AE1A	Vehicle Dynamics
7AE2	Product development	7AE2A	Industrial Robotics and Automation
7AE3	CAD/CAM	7AE3A	Mechanical Vibrations and Noise Control
7AE4	Microprocessor application in automobile	7AE4A	Automotive Transmission
7AE5	Vehicle aerodynamics and vehicle body engg.	7AE5A	Automotive Refrigeration And Airconditioning
	Elective-I		
7AE6.1	Mechatronic	7AE6.1A	Fuel Cell, Hybrid and Electrical Vehicle
7AE6.2	Fuel cell, electric & hybrid vehicle	7AE6.2A	Quality Control
7AE6.3	Quality Control	7AE6.3A	Automation and CAM
7AE6.4	Vehicle transport management	-	-
8AE1	Alternative Fuels & IC Engine Tribology	8AE1A	Alternative Fuels and Engine Tribology
8AE2	Industrial robotics	8AE2A	Automotive Maintenance and Management
8AE3	Automotive maintenance & management	8AE3A	Tractor and Earth Moving Machineries
	Elective-II		
8AE4.1	Finite element method	8AE4.1A	Industrial Engineering
8AE4.2	Industrial engineering	8AE4.2A	Vehicle Transport Management
8AE4.3	Earth moving equipment	8AE4.3A	Mechatronics
8AE4.3	Vehicle vibration & noise control	-	-

Equivalence of courses for B.Tech. Automobile Engineering