



SEMESTER I

SL. NO	COURSE CODE	COURSE TITLE
THEORY		
1.	HS8151	Communicative English
2.	MA8151	Engineering Mathematics - I
3.	PH8151	Engineering Physics
4.	CY8151	Engineering Chemistry
5.	GE8151	Problem Solving and Python Programming
6.	GE8152	Engineering Graphics
PRACTICALS		
7.	GE8161	Problem Solving and Python Programming Laboratory
8.	BS8161	Physics and Chemistry Laboratory

SEMESTER II

SL. NO	COURSE CODE	COURSE TITLE
THEORY		
1.	HS8251	Technical English
2.	MA8251	Engineering Mathematics - II
3.	PH8251	Materials Science
4.	BE8253	Basic Electrical, Electronics and Instrumentation Engineering
5.	GE8291	Environmental Science and Engineering
6.	GE8292	Engineering Mechanics
PRACTICALS		
7.	GE8261	Engineering Practices Laboratory
8.	BE8261	Basic Electrical, Electronics and Instrumentation Engineering Laboratory

SEMESTER III

SL. NO.	COURSE CODE	COURSE TITLE
THEORY		
1.	MA8353	Transforms and Partial Differential Equations
2.	ME8391	Engineering Thermodynamics
3.	CE8395	Strength of Materials for Mechanical Engineers
4.	AT8301	Spark Ignition Engines
5.	ME8392	Manufacturing Technology
6.	CE8394	Fluid Mechanics and Machinery
PRACTICAL		
7.	CE8381	Strength of Materials and Fluid Mechanics and Machinery Laboratory
8.	ME8381	Computer Aided Machine Drawing
9.	HS8381	Interpersonal Skills/Listening & Speaking

SEMESTER IV

SL. NO.	COURSE CODE	COURSE TITLE
THEORY		
1.	MA8452	Statistics and Numerical Methods
2.	AT8401	Compression Ignition Engines
3.	ME8491	Engineering Metallurgy
4.	EC8396	Electronics and Microprocessors
5.	AT8402	Automotive Chassis
6.	PR8451	Mechanics of Machines
PRACTICAL		
7.	AT8411	Automotive Components Laboratory
8.	EC8382	Electronics and Microprocessors Laboratory

SEMESTER V

SL. NO.	COURSE CODE	COURSE TITLE
THEORY		
1.	ME8593	Design of Machine Element
2.	AT8501	Automotive Transmission
3.	AT8502	Automotive Electrical and Electronics Systems
4.	AT8503	Vehicle Design Data Characteristics
5.	AT8504	Automotive Fuels and Lubricants
6.		Open Elective - I
PRACTICAL		
7.	AT8511	Automotive Electrical and Electronics Laboratory
8.	AT8512	Automotive Fuels and Lubricants Laboratory
9.	HS8581	Professional Communication

SEMESTER VI

SL. NO.	COURSE CODE	COURSE TITLE
THEORY		
1.	GE8077	Total Quality Management
2.	AT8601	Automotive Engine Components Design
3.	AT8602	Automotive Chassis Components Design
4.	AT8603	Two and Three Wheelers
5.	AT8604	Vehicle Dynamics
6.		Professional Elective – I
PRACTICAL		
7.	AT8611	Computer Aided Engine and Chassis Design Laboratory
8.	AT8612	Two and Three Wheelers Laboratory

SEMESTER VII

SL. NO.	COURSE CODE	COURSE TITLE
THEORY		
1.	AT8701	Engine and Vehicle Management System
2.	ME8692	Finite Element Analysis
3.	AT8702	Vehicle Maintenance
4.		Open Elective - II
5.		Professional Elective – II
6.		Professional Elective – III
PRACTICAL		
7.	AT8711	Engine Performance and Emission Testing Laboratory
8.	AT8712	Vehicle Maintenance Laboratory

SEMESTER VIII

SL. NO.	COURSE CODE	COURSE TITLE
THEORY		
1.	AT8801	Vehicle Body Engineering
2.		Professional Elective – IV
3.		Professional Elective – V
PRACTICAL		
4.	AT8811	Project Work