

Lab Manual List Course Wise

F.Y.B.Sc.AT/WT/RAC

Sr.No.	Subject Name	
	First Semester	Second Semester
1	Basic Electronics I	Basic Electronics II
2	Computer Techniques I	Computer Techniques II
3	Engineering Drawing I	Engineering Drawing II
4	Workshop Technology I	Workshop Technology II
5	Fundamental of Mechanical Engineering	Engineering Material

B.Sc. Second Year Course Structure

B.Sc. Automobile Technology

Sr.No.	Subject Name	
	Third Semester	Fourth Semester
1	Mechanical Measurement	Mechanical Measurement
2	Machine Drawing I	Machine Drawing II
3	Introduction of Automobile Engineering	Automobile Tools
4	Engine I	Engine II
5	Transmission System I	Transmission System II

B.Sc. Workshop Technology

Sr.No.	Subject Name	
	Third Semester	Fourth Semester
1	Mechanical Measurement	Mechanical Measurement
2	Machine Drawing I	Machine Drawing II
3	Machine Tools & Technology	Strength of Material
4	Manufacturing Process I	Manufacturing Process II
5	Applied Thermodynamics	Heat Transfer

B.Sc. Refrigeration & Air Conditioning

Sr.No.	Subject Name	
	Third Semester	Fourth Semester
1	Mechanical Measurement	Mechanical Measurement
2	Machine Drawing I	Machine Drawing II
3	Applied Thermodynamics	Refrigeration System
4	Hydraulics & Machines	Refrigeration Equipment's
5	Air conditioning Material	Air conditioning Equipment's

B.Sc. Third Year Course Structure

B.Sc. Automobile Technology

Sr.No.	Subject Name	
	Fifth Semester	Sixth Semester
1	Auto. Trouble Maint. & Testing I	Auto. Trouble Maint. & Testing II
2	Auto. Electrical & Electronics System I	Auto. Electrical & Electronics System II
3	Mechatronics I	Mechatronics II
4	Body Chassis and Maintenance	AutoCAD

B.Sc. Workshop Technology

Sr.No.	Subject Name	
	Fifth Semester	Sixth Semester
1	Entre. Development Program I	Entre. Development Program II
2	Robotics I	Robotics II
3	Tool Engineering	Auto. Electrical & Electronics System II
4	Mechatronics I	Mechatronics II
5	Comp. Integrated Manufacturing System	AutoCAD

B.Sc. Refrigeration & Air Conditioning

Sr.No.	Subject Name	
	Fifth Semester	Sixth Semester
2	Refrigerants	Refrigeration & Air Conditioning Maintenance
3	Refrigeration & Air Conditioning Material	Refrigeration & Air Conditioning Installation Techniques
4	Refrigeration & Air Conditioning Application	Refrigeration & Air Conditioning Standard
5	Refrigeration & Air Conditioning Piping System	Selection of equipment's & Assembly(RAC)