

KARPAGA VINAYAGA COLLEGE OF ENGINEERING AND TECHNOLOGY
Madhuranthagam Taluk - 603 308

CURRICULUM 2004

(Applicable to the students admitted from the Academic year 2004 - 2005 onwards)

SEMESTER - III

Code No.	Course Title	L	T	P	M
THEORY					
MA1201	Mathematics - III	3	1	0	100
CY1201	Environmental Science and Engineering	3	0	0	100
ME1201	Engineering Thermodynamics	3	1	0	100
ME1202	Fluid Mechanics and Machinery	3	1	0	100
EE1213	Electrical Drives and Controls	3	0	0	100
ME1203	Manufacturing Technology - II	3	0	0	100
PRACTICAL					
ME1204	Fluid Mechanics and Machinery Lab	0	0	3	100
EE1214	Electrical Engineering Lab	0	0	3	100
ME1205	Manufacturing Technology Lab - II	0	0	3	100
GE1202	Technical Seminar**	0	0	3	0

SEMESTER - IV

Code No.	Course Title	L	T	P	M
THEORY					
MA1253	Probability and Statistics	3	1	0	100
ME1251	Thermal Engineering	3	1	0	100
CE1262	Strength of Materials	3	1	0	100
ME1252	Kinematics of Machinery	3	1	0	100
MH1151	Engineering Materials and Metallurgy	3	0	0	100
EC1263	Electronics and Microprocessors	3	0	0	100
PRACTICAL					
CE1263	Strength of Materials Lab	0	0	3	100
EC1264	Electronics and Microprocessors Lab	0	0	3	100
ME1254	Thermal Engineering Lab - I	0	0	3	100
GE1251	Technical Seminar**	0	0	3	0

SEMESTER - V

Code No.	Course Title	L	T	P	M
THEORY					
GE1301	Professional Ethics and Human Values	3	0	0	100
ME1301	Dynamics of Machinery	3	1	0	100
ME1302	Design of Machine Elements	3	1	0	100
ME1303	Gas Dynamics and Jet Propulsion	3	1	0	100

ME1304	Engineering Metrology and Measurements	3	0	0	100
ME1305	Applied Hydraulics and Pneumatics	3	0	0	100
PRACTICAL					
ME1306	Dynamics Lab	0	0	3	100
ME1307	Metrology and Measurements Lab	0	0	3	100
ME1308	Computer Aided Machine Drawing Practice	0	0	3	100
GE1302	Communication Skills and Technical Seminars**	0	0	3	0

SEMESTER - VI

Code No.	Course Title	L	T	P	M
THEORY					
MG1351	Principles of Management	3	0	0	100
ME1351	Heat and Mass Transfer	3	1	0	100
ME1352	Design of Transmission Systems	3	2	0	100
ME1353	Automobile Engineering	3	0	0	100
ME1354	Power Plant Engineering	3	0	0	100
	Elective - I	3	0	0	100
PRACTICAL					
ME1355	Thermal Engineering Lab - II	0	0	3	100
ME1356	CAD / CAM Lab	0	0	3	100
ME1357	Design and Fabrication Project	0	0	4	100
GE1351	Presentation Skills and Technical Seminar**	0	0	3	0

SEMESTER - VII

Code No.	Course Title	L	T	P	M
THEORY					
MG1401	Total Quality Management	3	0	0	100
ME1401	Finite Element Analysis	3	1	0	100
ME1402	Mechatronics	3	0	0	100
ME1403	Computer Integrated Manufacturing	3	0	0	100
	Elective – II	3	0	0	100
	Elective – III	3	0	0	100
PRACTICAL					
ME1404	Computer Aided Simulation and Analysis Lab	0	0	3	100
ME1405	Mechatronics Lab	0	0	3	100
ME1406	Identification of Project Work for next Semester**	0	0	2	0

SEMESTER - VIII

Code No.	Course Title	L	T	P	M
THEORY					
MG1451	Engineering Economics and Cost Analysis	3	0	0	100

	Elective – IV	3	0	0	100
	Elective – V	3	0	0	100
PRACTICAL					
ME1451	Comprehension**	0	0	3	0
ME1452	Project Work	0	0	6	200

**** No Examinations**

ANNA UNIVERSITY: CHENNAI 600 025

CURRICULUM 2004

(Applicable to the students admitted from the Academic year 2006 - 2007 onwards)

SEMESTER - III

Code No.	Course Title	L	T	P	M
THEORY					
MA1201	Mathematics – III	3	1	0	100
ME1206	Applied Engineering Mechanics	3	1	0	100
ME1201	Engineering Thermodynamics	3	1	0	100
ME1202	Fluid Mechanics and Machinery	3	1	0	100
EE1213	Electrical Drives and Controls	3	0	0	100
ME1203	Manufacturing Technology – II	3	0	0	100
PRACTICAL					
ME1204	Fluid Mechanics and Machinery Lab	0	0	3	100
EE1214	Electrical Engineering Lab	0	0	3	100
ME1205	Manufacturing Technology Lab II	0	0	3	100
GE1202	Technical Seminar**	0	0	3	0

SEMESTER - IV

Code No.	Course Title	L	T	P	M
THEORY					
MA1253	Probability and Statistics	3	1	0	100
ME1251	Thermal Engineering	3	1	0	100
CE1262	Strength of Materials	3	1	0	100
ME1252	Kinematics of Machinery	3	1	0	100
MH1151	Engineering Materials and Metallurgy	3	0	0	100
EC1264	Electronics and Microprocessors	3	0	0	100
PRACTICAL					
CE1263	Strength of Materials Lab	0	0	3	100
EC1265	Electronics and Microprocessors Lab	0	0	3	100
ME1254	Thermal Engineering Lab – I	0	0	3	100
GE1251	Technical Seminar**	0	0	3	0

SEMESTER - V

Code No.	Course Title	L	T	P	M
THEORY					
CY1201	Environmental Science and Engineering	3	0	0	100
ME1301	Dynamics of Machinery	3	1	0	100
ME1302	Design of Machine Elements	3	1	0	100
ME1303	Gas Dynamics and Jet Propulsion	3	1	0	100
ME1304	Engineering Metrology and Measurements	3	0	0	100

ME1305	Applied Hydraulics and Pneumatics	3	0	0	100
PRACTICAL					
ME1306	Dynamics Lab	0	0	3	100
ME1307	Metrology and Measurements Lab	0	0	3	100
ME1308	Computer Aided Machine Drawing Practice	0	0	3	100
GE1303	Communication Skills and Technical Seminars**	0	0	3	0

SEMESTER - VI

Code No.	Course Title	L	T	P	M
THEORY					
MG1351	Principles of Management	3	0	0	100
ME1351	Heat and Mass Transfer	3	1	0	100
ME1352	Design of Transmission Systems	3	2	0	100
ME1353	Automobile Engineering	3	0	0	100
ME1354	Power Plant Engineering	3	0	0	100
	Elective – I	3	0	0	100
PRACTICAL					
ME1355	Thermal Engineering Lab – II	0	0	3	100
ME1356	CAD / CAM Lab	0	0	3	100
ME1357	Design and Fabrication Project	0	0	4	100
GE1351	Presentation Skills and Technical Seminar**	0	0	3	0

SEMESTER - VII

Code No.	Course Title	L	T	P	M
THEORY					
MG1401	Total Quality Management	3	0	0	100
MH1003	Finite Element Analysis	3	1	0	100
ME1402	Mechatronics	3	0	0	100
ME1403	Computer Integrated Manufacturing	3	0	0	100
	Elective – II	3	0	0	100
	Elective – III	3	0	0	100
PRACTICAL					
ME1404	Computer Aided Simulation and Analysis Lab	0	0	3	100
PR1353	Mechatronics Lab	0	0	3	100
ME1406	Identification of Project Work for next Semester**	0	0	2	0

SEMESTER - VIII

Code No.	Course Title	L	T	P	M
THEORY					
MG1452	Engineering Economics and Cost Analysis	3	0	0	100

	Elective – IV	3	0	0	100
	Elective – V	3	0	0	100
PRACTICAL					
ME1451	Comprehension **	0	0	3	0
ME1452	Project Work	0	0	6	200

**** No Examinations**