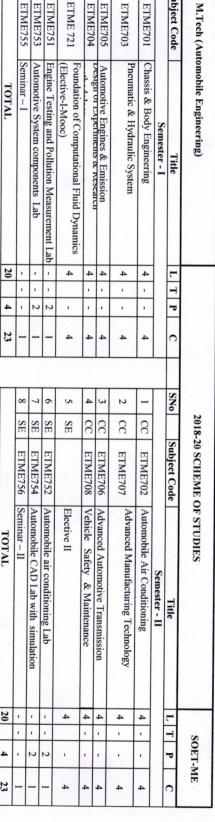
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ETME815	ETME813	ETME811	ETME809	ETME807	ETME805			ETME 721	ETME719	ETME717	ETME715	ETME713	ETME711	ETME709				ETME851		ETME801			ETME755	ETME753	ETME751	ETME 721	ETME704	THE PARTY OF
Special Types of Vehicles	Micro and Nano Manufacturing	Vehicle Instrumentation & Testing	Electric and Hybrid Vehicles	Automotive Air Pollution and Control	Automotive Maintenance & Management	Elective III		Foundation of Computational Fluid Dynamics	Modern Automobile Accessories	Advanced Theory of Vibrations	Advanced Materials and Sensors for Automobile	Finite Element Analysis in Design	Advanced Computer Aided Design	Gas Dynamics	Elective I			Dissertation Part-A	Elective – III	Alternate Energy Sources for Automobiles	Semester - III	TOTAL	Seminar – I	Automotive System components Lab	Engine Testing and Pollution Measurement Lab	Foundation of Computational Fluid Dynamics (Elective-I-Mooc)	Design of Experiments & Research	Tamoniouse Fulling or Fillipsion
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Manufacturing and Testing of Vehicle	Automotive Security	Vehicle Dynamics	Robust Design	Two and Three wheeler Technology	Advanced Automotive Transmission	Elective IV			Computational Fluid Dynamics	Automotive Aerodynamics	Automotive Power Trains	Automobile Design	Automotive Electrical and Electronics control	Production of Automotive Component	Elective II	Total Hours: Lect [L]+Prac [P]+Tut [T] Total Credits [C]		TOTAL	Dissertation Part-B	Elective-IV	Semester - IV	TOTAL	Seminar – II	Automobile CAD Lab with simulation	Automobile air conditioning Lab	Elective II		Advanced Automotive Transmission
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K.R. Mangalam University Sohna Road, Gurugfam, (maryana)

M. Tech (AE)

ETME 851	Dissertation Part-A	L	T	P	C
	Dissertation 1 art-A	-	-	-	8

Objective: To improve the professional competency and research aptitude by touching the specific areas which otherwise not covered by theory or laboratory classes. The project work aims to develop the work practice in students to apply theoretical and practical tools/techniques to solve real life problems related to industry/field and current research.

The project work can be analysis and design projects of innovative nature or experimental investigation or numerical simulations or a combination of these. Appropriate software developments with sufficient literature contributions can also be taken up. Each student will be allotted with a faculty as guide. In specific cases student may consult with an external guide with the prior consents of internal guide and head of the department. In this semester, students are expected to finalize appropriate topic of research, complete the required literature survey and about 25% of the objectives of their intended research.

Registrar

K.R. Mangalam University
Sohna Road, Gurugram, (Harvana)

M. Tech (AE) SEMESTER - IV

ETME 852	Dissertation Part-B	L	T	P	C
ETWIE 032	Dissertation Fart-B	-	-	-	16

Objective: Master Research project phase II is a continuation of project phase I started in the third semester. Towards the end of the semester there would be a pre-submission presentation to the evaluation committee to assess the quality and quantum of the work done. This would be a prequalifying exercise for the students for getting approval by the departmental committee for the submission of the thesis. At least one technical paper is to be prepared for possible publication in journal or conference. The technical paper is to be submitted along with the thesis. The final evaluation of the project will be external.

Registrar K.R. Mangalam University Sehna Read, Gurugram, (Haryana)