

# Government College of Engineering, Amravati

(An Autonomous Institute of Government of Maharashtra)

## Equivalence of Courses in New Structure with Old structure

### B. Tech : Mechanical Engineering

Year : Second Year (Semester - III & IV)

Sr. No	Course in old scheme			Course in New Scheme			Remark
	Course Code	Name of the Course	No. of Credits	Course Code	Name of the Course	No. of Credits	
1	ME301	Mechanics of Materials	04	CEU303	Strength of Materials	04	
2	ME302	Material Science and Engineering	04	MEU301	Material Science and Engineering	03	
3	ME303	Fluid Mechanics	04	MEU401	Fluid Mechanics	04	
4	ME304	Engineering Thermodynamics	05	MEU302	Engineering Thermodynamics	04	
5	ME305	Electric Drives and Control	04	EEU311	Electric Drives and Control	04	
6	ME306	General Proficiency- I	02	SHU205	General Proficiency - I	02	
7	ME307	Mechanics of Materials Lab	01	CEU307	Strength of Materials Lab.	01	
8	ME308	Material Science Lab.	01	MEU303	Material Science and Engineering Lab.	01	
9	ME309	Fluid Mechanics Lab	01	MEU406	Fluid Mechanics Lab	01	
10	ME310	Electric Drives and Control Lab.	01	EEU312	Electric Drives and Control Lab.	01	
<b>Semester - IV</b>							
11	ME401	Kinematics of Machines	04	MEU402	Kinematics of Machines	04	
12	ME402	Engineering Mathematics -III	05	SHU301	Engineering Mathematics -III	03	

13	ME403 ME605	Thermal Engineering Energy Conversion (* )	04 04	MEU403	Thermal Engineering & Energy Conversion	04	
14	ME404	Manufacturing Processes	04	MEU404	Manufacturing Processes	04	
15	ME405	Machine Drawing	04	MEU405	Machine Drawing	02	
16	ME406	General Proficiency - II	02	SHU305	General Proficiency - II	02	
17	ME407	Kinematics of Machines Lab	01	MEU407	Kinematics of Machines Lab	01	
18	ME408	Manufacturing Processes Lab	02	MEU408	Manufacturing Processes Lab	01	
19	ME409	Computer Aided Drafting Lab	01	MEU409	Computer Aided Drafting Lab	02	

**Note:**

- 1) All students promoted to third year with some backlog courses shall remain in old scheme (212 Credits)
- 2) All the students who failed in second year (DC students) shall be transferred to new scheme (184 Credits)

**Important notes for \* courses**

- i) These courses of old scheme shall be offered during the academic year (2011-12) including summer term for back logger students.
- ii) In the academic year 2012-13 and onward all students shall register for courses as per revised curriculum (New Scheme)
- iii) If a **DC** student has passed any one subject out of **ME403** and **ME605** then option shall be given to a student to register and pass the other subject as per old curriculum to claim exemption in **MEU403** or register the subject **MEU403** as per revised curriculum.