

**SRI SATYA SAI UNIVERSITY OF TECHNOLOGY AND MEDICAL SCIENCES**  
**SCHOOL OF ENGINEERING**  
**Outcome based Curriculum for**  
**Undergraduate Degree Courses in Engineering & Technology**  
**Department of Mechanical Engineering**

**Scheme of Examination**

VI Semester – Bachelor of engineering–(Mechanical Engineering)

S.No.	Subject Code	Subject Name	Maximum Marks Theory Slot			Maximum Marks (Practical Slot)		Total Marks	Periods/ hour/ week			Credits
			End Sem. Exam.	Mid Tests	Assignments/Quiz	End Sem. Practical & Viva	Practical Record /Assignment/ Quiz / Presentation		L	T	P	
1	MEA-601	NC and CNC Machine tools	60	30	10	30	20	150	2	1	2	4
2	MEA-602	Heat and Mass Transfer	60	30	10	30	20	150	2	1	2	4
3	MEA-603	Program Elective-II	60	30	10			100	3	1	0	4
4	MEA-604	Program Elective-III	60	30	10	-		100	3	0	0	3
5	MEA-605	Open Core Elective - II	60	30	10	-		100	3	0	0	3
6	MEA-606	Minor Project	-	-	-	180	120	300	-	-	4	2
<b>TOTAL</b>			<b>300</b>	<b>150</b>	<b>50</b>	<b>240</b>	<b>160</b>	<b>900</b>	<b>13</b>	<b>3</b>	<b>8</b>	<b>20</b>

<b>Program Elective - II</b>		
MEA-603	MEA-603 (A) IC Engines	MEA-603(B) Mechanical Measurement & Control
<b>Program Elective - III</b>		
MEA-604	MEA-604 (A) Power Plant Engineering	MEA-604(B)Renewable Energy System
<b>Open Core Elective-II</b>		
MEA-605	MEA-605 (A)Operation Research	MEA-605 (B) Ergonomics Engineering

*w.e.f. July 2022*