



**SCHOOL OF ENGINEERING AND TECHNOLOGY
DEPERTMET OF MECHANICAL ENGINEERING**

PG Programme
M.Tech. in Design Engineering

Proposed to take effect from
2020-21 Academic Year

ADAMAS UNIVERSITY
Adamas Knowledge City,
Barasat - Barrackpore Road,
P.O. - Jagannathpur, District- 24 Parganas (North),
Kolkata - 700 126, West Bengal, India

Course Structure

SEMESTER I								
Sl. No	Type	Course code	Course Title	L	T	P	Contact Hrs/wk	Credits
1	Theory	EME61127	Advanced Mechanical Engineering Design	3	1	0	4	4
2	Theory	EME61129	Advanced Finite Element Analysis	3	1	0	4	4
3	Theory	EME61131	Industrial Design	3	0	0	3	3
4	Theory		Elective I	3	0	0	3	3
5	Theory		Elective II	3	0	0	3	3
6	Practical	EME61205	Design Modelling Lab	0	0	3	3	2
7	Practical	EME61207	Design Thinking Lab	0	0	3	3	2
8	Seminar	EME61303	Seminar and Technical Writing-I	0	0	2	2	1
Total				15	2	8	25	22

SEMESTER II								
Sl. No	Type	Course code	Course Title	L	T	P	Contact Hrs/wk	Credits
1	Theory	EME61126	Generative Design	3	1	0	4	4
2	Theory	EME61128	Design Standards & Ethics	3	0	0	3	3
3	Theory	EME61130	Design & Environment	3	0	0	3	3
4	Theory		Elective III	3	0	0	3	3
5	Theory		Elective IV	3	0	0	3	3
6	Practical	EME61206	Design Analysis Lab	0	0	3	3	2
7	Practical	EME61208	Thematic Design Lab	0	0	3	3	2
8	Seminar	EME61304	Seminar and Technical Writing-II	0	0	2	2	1
Total				15	1	8	24	21

Total Credits (First Year): 43

SEMESTER III								
Sl. No	Type	Course code	Course Title	L	T	P	Contact Hrs/wk	Credits
1	Dissertation	EME62403	Thesis Part I	0	0	24	24	16
2	Practical	EME62301	Paper Writing & Technical Communication	0	0	3	3	2
Total				0	0	27	27	18

SEMESTER IV								
Sl. No	Type	Course code	Course Title	L	T	P	Contact Hrs/wk	Credits
1	Dissertation	EME62404	Thesis Part II	0	0	24	24	16
3	Sessional	EME62501	Comprehensive Viva-voce	--	--	--	--	3
Total				0	0	24	24	19

Total Credits (Second Year): 37

Total Credits (Over two years): 80