



Indra Ganesan

COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Accredited by NAAC with 'B+' Grade, 2(f) & 12B Status Institution by UGC

IG Valley, Madurai Main Road, Manikandam, Tiruchirappalli - 620012

NAAC DOCUMENTS

QUALITY INDICATOR FRAME WORK

CRITERION – 2

TEACHING-LEARNING AND EVALUATION

SUBMITTED BY

IQAC

INTERNAL QUALITY ASSURANCE CELL
INDRA GANESAN COLLEGE OF ENGINEERING





Criteria 2	Teaching-Learning and Evaluation	350
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Key Indicator- 2.3. Teaching- Learning Process (40)

2019-2020

MECHANICAL ENGINEERING PROBLEM SOLVING

Activity	Number of Students Attended	Page No
Tutorial	48	3
TOTAL STUDENTS ATTENDED	48	



Indra Ganesan
COLLEGE OF ENGINEERING
Madurai Main Road (NH-45B), Manikandam, Tiruchirappalli - 620 012
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NAAC Accredited, 2(0) Status Institution by UGC



Criteria 2	Teaching-Learning and Evaluation	350
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Key Indicator- 2.3. Teaching- Learning Process (40)

2019-2020

MECHANICAL ENGINEERING
PROBLEM SOLVING
TUTORIAL



INDRA GANESAN COLLEGE OF ENGINEERING
IG VALLEY, MANIDANDAM, TIRUCHIRAPPALLI – 620 012
DEPARTMENT OF MECHANICAL ENGINEERING
ACADEMIC YEAR 2019 – 2020 (ODD SEMESTER)

SUBJECT CODE & TITLE: ME 8593-DESIGN OF MACHINE ELEMENT

YEAR/SEM: III/V

MONTH & YEAR: SEP & 2019

S.NO	REG NO	STUDENT NAME
1.	811216114001	Ajmalkhan K
2.	811216114002	Amar Praveen D
3.	811216114003	Anandaperumal P
4.	811216114004	Chinnappan A
5.	811216114005	Dayas Kumar M
6.	811216114006	Dhinakaran K
7.	811216114007	Dhinakaran S
8.	811216114008	Dinesh Babu M
9.	811216114009	Gobi P
10.	811216114010	Gopinath N
11.	811216114011	Gunaseelan G
12.	811216114012	Hariram S
13.	811216114013	Harish M
14.	811216114014	Karan K
15.	811216114015	Karthick A
16.	811216114016	Kingsley J
17.	811216114017	Kiruthikeyan P
18.	811216114018	Krishna Prakash N
19.	811216114019	Mahendran A
20.	811216114020	Mahendran K
21.	811216114021	Nagarejan K
22.	811216114022	Nambiyappan K
23.	811216114023	Nandha Kumar P
24.	811216114024	Naveen Kumar K
25.	811216114025	Palanisamy K
26.	811216114026	Pulamadan K
27.	811216114027	Ramkumar R
28.	811216114028	Robert A
29.	811216114029	Sasi Kumar S
30.	811216114030	Senthil Kumar B
31.	811216114031	Subash Salamon S

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Principal


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32.	811216114032	Tamilselvan C
33.	811216114033	Vairavel A
34.	811216114034	Vasudevan A
35.	811216114035	Vengatraman V
36.	811216114036	Vignesh K
37.	811216114037	Yanatharan T
38.	811216114301	B.Gokul
39.	811216114302	S.Hariharan
40.	811216114304	J.Karunakaran
41.	811216114305	Manoj Kumar K
42.	811216114701	S.Vasanth
43.	811216114702	V.K.Karthekeyan
44.	811216114501	Parthiban R
45.	811216114502	Revanth S
46.	811216114503	Deepak P
47.	811216114504	Prasanth C
48.	811216114505	Wanten Berck K


STAFF IN CHARGE


HOD/MECH


PRINCIPAL


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INDRA GANESAN COLLEGE OF ENGINEERING

IG Valley, Manikandam, Tiruchirappalli, Tamil Nadu – 620 012, India
(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

DEPARTMENT MECHANICAL ENGINEERING

Tutorial Answer Sheet

Name of the Student : *A. Mahendran*

AU Register Number: *811216114019*

Tutorial – 01		Date of Issue:	<i>10.07.19</i>	Marks	<i>10</i>
Course code	<i>ME8593</i>	Course Title	<i>Design of Machine Elements -</i>		
Year	<i>III</i>	Semester/Section	<i>V/A</i>	Date of Submission:	<i>14.7.19</i>

Q.No	Questions	CO
<i>1</i>	<i>The load on a bolt consist of axial pull of 10kN together with a transverse shear force of 5kN. Find the diameter of bolt required according to 1. Maximum principal stress theory 2. Maximum principal strain theory. 3. Maximum strain energy theory. 4. Maximum distortion energy theory.</i>	<i>C.302.1</i>

Mark Allocation

Rubrics	Marks Allocated	Marks obtained
Problem solving approach	6	<i>6</i>
Correctness of Answer	2	<i>1</i>
Timely submission	2	<i>1</i>
Total marks	10	<i>8</i>

Name and Signature of the Faculty Incharge

C. Selvaraj

HOD/Mech

R. Raj

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Dr. G. Balakrishnan, M.E., Ph.D.,
Principal
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