



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

CIVIL ENGINEERING
PROBLEM SOLVING

Activity	Number of Students Attended	Page No
Tutorial	20	3
TOTAL STUDENTS ATTENDED	20	



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

2019-2020

CIVIL ENGINEERING

PROBLEM SOLVING

TUTORIAL



Indra Ganesan

COLLEGE OF ENGINEERING

Madurai Main Road (NH-45B), Manikandam, Tiruchirapalli- 620 012
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

Academic Year 2019-2020

Problem Solving Method

List of the Students

SL.NO	Reg.No	Name	Year/Sem	Learning Method
1.	811217103001	AISHWARIYA P	II/III	Problem Solving Method Design of Reinforced Cement Concrete Element
2.	811217103002	AKASH S	II/III	
3.	811217103003	AROCKIA RENALDOrockia J	II/III	
4.	811217103004	AVINASH KUMAR R	II/III	
5.	811217103005	BALAJI S	II/III	
6.	811217103006	BALASUBRAMANI R	II/III	
7.	811217103007	DEEPAN S K	II/III	
8.	811217103008	GAYATHRI A	II/III	
9.	811217103009	KOKILA P	II/III	
10.	811217103010	MANIKANDAN G	II/III	
11.	811217103011	MOUNIKA M	II/III	
12.	811217103012	NAVANEETHAN KRISHNAN K	II/III	
13.	811217103013	PALANIYAPPAN N	II/III	
14.	811217103014	SALEEM KHAN S	II/III	
15.	811217103015	SATHISH KUMAR S	II/III	
16.	811217103016	THAMARI SELVI K	II/III	
17.	811217103301	ARUN PRASATH R	II/III	
18.	811217103302	JOEL FERNANDEZ R	II/III	
19.	811217103303	SUMITHRA R	II/III	
20.	811217103304	THIRUPATHI RAJA G	II/III	

Signature of the Faculty incharge

Dr. G. Balakrishnan, M.E., Ph.D.,
Principal
Indra Ganesan College of Engineering
IG Valley, Madurai Main Road
Manikandam, Trichy-620 012.

Hod/Civil

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 OF CIVIL AND ENGINEERING

Tutorial Answer Sheet

Name of the Student :

AU Register Number:

Tutorial – 01			Date of Issue:	10.07.19	Marks	10
Course code	CE8501	Course Title	Design of Reinforced Cement Concrete Element			
Year	III	Semester/Section	V	Date of Submission:	11.07.19	


Q.No	Questions	CO
1	Determine the position for neutral axis and the moment of resistance of a beam 300mm wide and 550mm effective depth. it is reinforced with 3 bars of 16 mm diameter. Use M20 grade of concrete and Fe415 grade of steel. Adopt working stress methos	C301.1

Mark Allocation

Rubrics	Marks Allocated	Marks obtained
Problem solving approach	6	
Correctness of Answer	2	
Timely submission	2	
Total marks	10	

Name and Signature of the Faculty Incharge




Dr. G. Balakrishnan, M.E., Ph.D.,
Principal
Indra Ganesan College of Engineering
IG Valley, Madurai Main Road
Manikandam, Trichy-620 012.



HoD/Civil

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HoD/CIVIL