



# 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

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## QUALITY INDICATOR FRAME WORK

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### CRITERION – 1

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## CURRICULAR ASPECTS

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SUBMITTED BY

**IQAC**

INTERNAL QUALITY ASSURANCE CELL

**INDRA GANESAN COLLEGE OF ENGINEERING**





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

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IG Valley, Madurai Main Road, Manikandam, Tiruchirappalli - 620 012

### TO WHOMSOEVER IT MAY CONCERN

**1.4.1 Institution obtains feedback on the academic performance and ambience of the institution from various stakeholders, such as Students, Teachers, Employers, Alumni etc. and action taken report on the feedback is made available on institutional website.**

Feedback process of the institution may be classified as follows:

- A. Feedback collected, analyzed, action taken & communicated to the relevant bodies and feedback hosted on the institutional website
- B. Feedback collected and analyzed
- C. Feedback collected
- D. Feedback not collected

**Response: Option A. Feedback collected, analyzed, action taken & Communicated to the relevant bodies and feedback hosted on the institutional website.**

**PRINCIPAL**

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

**Criterion 1****Curricular Aspects****100**

1.4.1 Institution obtains feedback on the academic performance and ambience of the institution from various stakeholders, such as Students, Teachers, Employers, Alumni etc. and action taken report on the feedback is made available on institutional website.

Feedback analysis report submitted to the relevant bodies

S.NO	ACADEMIC YEAR	DETAILS	PAGE NO
1.	2018-19	Letter to Anna University BOS	04
2.	2019-20	Letter to Anna University BOS	05
3.	2020-21	Letter to Anna University BOS	06
4.	2021-22	Letter to Anna University BOS	07
5.	2022-23	Letter to Anna University BOS	08





# Indra Ganesan

COLLEGE OF ENGINEERING  
Madurai Main Road (NH-49B), Manikandam, Tiruchirappalli-620 012  
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

To  
The Director,  
Center for Academic Courses,  
Anna University,  
Chennai.

Date: 06.05.2019

Respected Sir/Madam,

Sub: Requisition to include the identified topics to bridge the curricular gap in R-2017 Curriculum- Reg.

In order to improve the quality initiative, our Institution IQAC collected the feedback about R-2017 curriculum and the syllabus followed in our Institution from the various stake holders( Students, Faculty members, Alumni, Employer, Parents) offered by Anna University Chennai.

As a result, the collected feedback about the curriculum and syllabus were analysed and based on the suggestion/representation received from the stakeholder in every department for bridging the curricular gap the following topics were suggested to include in Existing Anna University R-2017 Curriculum and Syllabus with recent trends for the benefit of the students community.

Sl.No	Name of the Degree	Course Code	Course Title	Topic to be Included	Unit No
1.	B.Tech-Agricultural Engineering	OEN751	Green Building Design	Revit Architecture	4
2.	B.E-Computer Science and Engineering	CS8075	Data warehousing And data mining	Covering rules	4
3.	B.E-Mechanical Engineering	ME 8691	Model Based system Engineering	Cellular Manufacturing	5
		ME8094	Introduction to CAD,CAM & Practical CNC Machining	CAD/CAM Concepts	1
4.	B.E-Electrical and Electronics Engineering	EE8703	Renewable Energy Systems	Adequate inputs on a variety of issues in harnessing renewable Energy	2

In this regard we kindly request you to discuss the above recommendations in the forthcoming Board of Studies (BoS) meeting and do the needful for the betterment of students' community.

PRINCIPAL

Mobile: 8508688825, 8509188834, 8508688845, 8508688870, 7373144144, 7373144133 Website: www.indraganesaninstitutions.com  
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**Dr. G. Balakrishnan, M.E., Ph.D.**  
Principal

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Manikandam, Trichy-620 012.



# Indra Ganesan

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

Date: 20.02.2020

To  
The Director,  
Center for Academic Courses,  
Anna University,  
Chennai.

Respected Sir/Madam,

Sub: Requisition to include the identified topics to bridge the curricular gap in R-2017 Curriculum- Reg.

In order to improve the quality initiative, our Institution IQAC collected the feedback about R-2017 curriculum and the syllabus followed in our Institution from the various stake holders( Students, Faculty members, Alumni, Employer, Parents) offered by Anna University Chennai.

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Sl.No	Name of the Degree	Course Code	Course Title	Topic to be Included	Unit No
1.	B.Tech-Agricultural Engineering	CE8391	Construction Materials	Safety in Construction	5
2.	B.E-Computer Science and Engineering	CS8651	Internet Programming	Connecting to a database	4
3.	B.E-Mechanical Engineering	ME8381	Evaluation of CREO	3D Geometric Modeling	3
		ME8594	External Aero dynamics simulations	Balancing	2
4.	B.E-Electrical and Electronics Engineering	EE8691	Embedded Systems	Various Embedded Development Strategies	1

In this regard we kindly request you to discuss the above recommendations in the forthcoming Board of Studies (BoS) meeting and do the needful for the betterment of students' community.

PRINCIPAL

Mobile: 8508688925, 8508688831, 8508688845, 8508688870, 7373333444, 7373144433 web site: www.indraganesaninstitutions.com  
mail: iqac@iqaceng.com, iqac@iqaceng.com

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

Principal

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IG Valley, Madurai Main Road  
Manikandam, Trichy-620 012.



# Indra Ganesan

COLLEGE OF ENGINEERING  
Madurai Main Road (NH-46B), Manikandam, Tiruchirappalli- 620 012  
Approved by AICTE, And Delhi & affiliated to Anna University, Chennai

Date: 09.03.2021

To  
The Director,  
Center for Academic Courses,  
Anna University,  
Chennai.

Respected Sir/Madam,

Sub: Requisition to include the identified topics to bridge the curricular gap in R-2017 Curriculum- Reg.

In order to improve the quality initiative, our Institution IQAC collected the feedback about R-2017 curriculum and the syllabus followed in our Institution from the various stake holders( Students, Faculty members, Alumni, Employer, Parents) offered by Anna University Chennai.

As a result, the collected feedback about the curriculum and syllabus were analysed and based on the suggestion/representation received from the stakeholder in every department for bridging the curricular gap the following topics were suggested to include in Existing Anna University R-2017 Curriculum and Syllabus with recent trends for the benefit of the students community.

Sl.No	Name of the Degree	Course Code	Course Title	Topic to be Included	Unit No
1.	B.Tech-Agricultural Engineering	CE8351	Surveying	Advanced Surveying	4
2.	B.E-Computer Science and Engineering	CS3491	Artificial Intelligence and Machine Learning	Clustering	4
3.	B.E-Mechanical Engineering	ME 8691	Master CAM	CAD/CAM Concepts	1
		ME 8381	Application of NX CAD	CAD Drawing Standards	1
4.	B.E-Electrical and Electronics Engineering	EE8501	Power System Analysis	Carry out short circuit studies on power system	3

In this regard we kindly request you to discuss the above recommendations in the forthcoming Board of Studies (BoS) meeting and do the needful for the betterment of students' community.

  
PRINCIPAL

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

Indra Ganesan College of Engineering  
IG Valley, Madurai Main Road  
Manikandam, Trichy-620 012.



# Indra Ganesan

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



Date: 27.04.2022

To  
The Director,  
Center for Academic Courses,  
Anna University,  
Chennai.

Respected Sir/Madam,

Sub: Requisition to include the identified topics to bridge the curricular gap in R-2017 Curriculum- Reg.

In order to improve the quality initiative, our Institution IQAC collected the feedback about R-2017 curriculum and the syllabus followed in our Institution from the various stake holders( Students, Faculty members, Alumni, Employer, Parents) offered by Anna University Chennai.

As a result, the collected feedback about the curriculum and syllabus were analysed and based on the suggestion/representation received from the stakeholder in every department for bridging the curricular gap the following topics were suggested to include in Existing Anna University R-2017 Curriculum and Syllabus with recent trends for the benefit of the students community.

Sl.No	Name of the Degree	Course Code	Course Title	Topic to be Included	Unit No
1.	B.Tech-Agricultural Engineering	CE 8602	Structural Analysis -II	STAAD Pro	5
2.	B.E-Computer Science and Engineering	CCS375	WEB TECHNOLOGIES	Django REST	5
3.	B.E-Mechanical Engineering	ME 3393	Solid State Joining Technologies	Metal Joining Process	2
		CMR 338	Graphene Battery Technologies	Autonomous vehicle	3
4.	B.E-Electrical and Electronics Engineering	EE3301	Electromagnetic Fields	Different methods of emf generation and Maxwell's equations	2

In this regard we kindly request you to discuss the above recommendations in the forthcoming Board of Studies (BoS) meeting and do the needful for the betterment of students' community.

  
PRINCIPAL

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

Principal

Indra Ganesan College of Engineering  
IG Valley, Madurai Main Road  
Manikandam, Trichy-620 012.





# Indra Ganesan

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



Date: 09.06.2023

To  
The Director,  
Center for Academic Courses,  
Anna University,  
Chennai.

Respected Sir/Madam,

Sub: Requisition to include the identified topics to bridge the curricular gap in R-2017 Curriculum- Reg.

In order to improve the quality initiative, our Institution IQAC collected the feedback about R-2017 curriculum and the syllabus followed in our Institution from the various stake holders( Students, Faculty members, Alumni, Employer, Parents) offered by Anna University Chennai.

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Sl.No	Name of the Degree	Course Code	Course Title	Topic to be Included	Unit No
1.	B.Tech-Agricultural Engineering	AJ3201	Principles & Practices of Crop Production	Vertical farming	5
2.	B.E-Computer Science and Engineering	CCS332	APP DEVELOPMENT	Routing	3
3.	B.E-Mechanical Engineering	GE3271	Mechanical Electrical and Plumbing Methods	Plumbing Work	1
		ME 3391	Heat Ventilation And Air conditioning	Second Law of Thermodynamics	2
4.	B.E-Electrical and Electronics Engineering	EE3251	Electric Circuit Analysis	Behavior of magnetically coupled circuits	2

In this regard we kindly request you to discuss the above recommendations in the forthcoming Board of Studies (BoS) meeting and do the needful for the betterment of students' community.

  
PRINCIPAL

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

Principal

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# Indra Ganesan

## COLLEGE OF ENGINEERING

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NAAC Accredited, 103 Status Institution by UGC



### Feedback Policy

Indra Ganesan College of Engineering (IGCE) firmly believes that the feedback collection process is integral to enhancing the overall infrastructure and curriculum of educational institutions, thereby nurturing the upcoming generation of Engineers.


The IQAC team at IGCE diligently collects feedback on curriculum, academic performance, facilities, and infrastructure ambiance from a diverse array of stakeholders including students, faculty, alumni, parents, and employers in every Academic year. This endeavor is aimed at ensuring and enriching the quality standards upheld by the institution.

The feedback collected from stakeholders is meticulously analyzed, encompassing perspectives on curriculum, academic performance, facilities, and infrastructure ambiance. Subsequently, the insights and recommendations garnered from various stakeholders are presented to pertinent committees such as the IGCE Governing Council Committee, the Anna University Board of Studies (BoS), and the IQAC members during dedicated meetings. These discussions facilitate the adoption of suitable corrective measures, as outlined in the feedback analysis reports submitted by respective departments.

To facilitate this process, the IGCE - IQAC team distributes different types of feedback forms to stakeholders, which are then collected and subjected to thorough analysis.

### Categories of Feedback Process of IGCE

S.No.	Types of Feedback	Name of the Stakeholders	Frequency	Mode	Questions covered	Action Taken
1.	Students Feedback on Faculty Teaching and	Students (All years)	Every Semester	Offline	Delivery process of curriculum and Quality of Teaching and	1. Faculty with high feedback score - <b>Appreciation letter</b> from Principal 2. Faculty with low feedback score - <b>Counseling call letter</b>

  
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Manikandam, Trichy-620 012.  
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S.No.	Types of Feedback	Name of the Stakeholders	Frequency	Mode	Questions covered	Action Taken
2.	Academic Performance and Ambiance	1. Students (All years) 2. Faculty 3. Alumni 4. Parents 5. Employers	Every Academic Year	Offline	Quality of curriculum with recent topics and Content coverage  &  Quality of Infrastructure facilities to create conducive environment for learning and to meet out curricular/ co-curricular/ extra-curricular Activities	Views/ Suggestions are discussed in IQAC meeting conducted to receive members recommendation & approval  1. Sending a letter to BoS - Anna University to communicate the identified topics to be included in the respective curriculum.  2. Conducting Value Added Courses for the benefit of the students.  Views/ Suggestions are discussed in the Governing Council meeting to get their approval to enhance Infrastructure facilities demanded by the stakeholders.

*Alagathi*  
IQAC-ordinator

*[Signature]*  
Principal

*[Signature]*  
Dr. G. Balakrishna  
Principal  
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