



# SASURIE COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai

Near NH544, Coimbatore Bypass, Near Vijayamangalam Tollgate, Tirupur 638056

## NAAC DOCUMENTS

### QUALITY INDICATOR FRAME WORK

#### CRITERION - 1

#### CURRICULAR ASPECTS

SUBMITTED BY

# IQAC

INTERNAL QUALITY ASSURANCE CELL

## SASURIE COLLEGE OF ENGINEERING





### TO WHOMSOEVER IT MAY CONCERN

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

Feedback processes of the institution may be classified as follows:

- A. Feedback collected, analyzed, action taken & communication to the relevant bodies and feedback hosted on the institution website
- B. Feedback collected, analyzed, action taken & communication to the relevant bodies
- C. Feedback collected and analyzed
- D. Feedback Collected
- E. Feedback not Collected

**Response: Option A.** Feedback collected, analysed, action taken & communication to the relevant bodies and feedback hosted on the institution website.

PRINCIPAL

**Dr.M.VIJAYAKUMAR** ME., Ph.D.  
PRINCIPAL



SASURIE COLLEGE OF ENGINEERING,  
Vijayamangalam - 638 056, Tiruppur (Dt).



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S.NO	YEAR	PAGE NO
1	2022-2023	4
2	2021-2022	5
3	2020-2021	6
4	2019-2020	7
5	2018-2019	8

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# SASURIE COLLEGE OF ENGINEERING

( Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai )



Reg.No.RQ 91/3955  
An ISO 9001 : 2000  
Certified Institution

Vijayamangalam - 638 056  
Perundurai Taluk,  
Erode District,  
Tamilnadu.

Ph : 04294 - 243675, 243717  
Fax : 04294 - 243983  
e-mail : info@sasurie.org  
web : www.sasurie.org

Ref: SCE / 2022 – 2023 / AU / Letter BoS

09.06.2023

To

The Director,  
Centre for Academic Courses,  
Anna University,  
Chennai.

Respected Sir / Madam,

Sub: "Request to include the identified topics to address curricular gaps in the R-2021 Curriculum – Reg."

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We wish to inform you that our Institution's IQAC team has collected feedback from stakeholders—including students, faculty members, alumni, employers, and parents—regarding academic performance, curriculum, and the syllabus provided by Anna University, Chennai. This feedback was analyzed and presented during the IQAC meeting.

Based on the IQAC members' recommendations, we propose including the following topics in the existing Anna University R-2021 Curriculum and Syllabus to address curricular gaps and update the content with current trends for the benefit of the student community.

S.No.	Name of the Degree Programme	Regulation	Course Code	Course Name	Topic to be included	Unit No.
1	B.E., Civil Engineering	R2021	CE3028	Smart Cities	Disaster Mitigation and Preparedness	3
2	B.E., Computer Science and Engineering	R2021	CCS344	Ethical Hacking	Ethical Hacking and Penetration Testing	1
3	B.E., Electronics and Communication Engineering	R2021	EC3351	Control Systems	Electrical Safety in Engineering	5
4	B.E., Electrical and Electronics Engineering	R2021	AU3002	Batteries and Management System	Node MCU	5
5	B.E., Mechanical Engineering	R2021	CMR338	Graphene Battery Technologies	Autonomous Vehicle	3

In this regard, we are submitting this letter to the Board of Studies (BoS) of Anna University, requesting that the recommendations be discussed at the upcoming BoS meeting to enhance the educational experience for the student community.

  
Dr. M. VIJAYAKUMAR ME., Ph.D.,  
PRINCIPAL



SASURIE COLLEGE OF ENGINEERING,  
Vijayamangalam - 638 056, Tirupur (Dt).



  
Principal  
PRINCIPAL



SASURIE COLLEGE OF ENGINEERING



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Ref: SCE / 2021 – 2022 / AU / Letter BoS

27.04.2022

To

The Director,  
Centre for Academic Courses,  
Anna University,  
Chennai.

Respected Sir / Madam,

Sub: "Request to include identified topics to address curricular gaps in the R-2017

Curriculum – Reg."

\*\*\*

We wish to inform you that our Institution's IQAC team has gathered feedback from stakeholders—including students, faculty members, alumni, employers, and parents—regarding the academic performance, curriculum, and syllabus provided by Anna University, Chennai. This feedback was analyzed and discussed during the IQAC meeting.

Based on the IQAC members' recommendations, we propose including the following topics in the existing Anna University R-2017 Curriculum and Syllabus to address curricular gaps and update the content with current trends for the benefit of the student community.

S.No.	Name of the Degree Programme	Regulation	Course Code	Course Name	Topic to be included	Unit No.
1	B.E., Civil Engineering	R2017	CE8612	Irrigation And Environmental Engineering Drawing	Geo environmental Engineering and Remediation	1
2	B.E., Computer Science and Engineering	R2017	CS8792	Cryptography and Network Security	Cyber security and Network Defense	1
3	B.E., Electronics and Communication Engineering	R2017	EC8651	Transmission lines and RF Systems	Data Analytics for Engineering Applications	2
4	B.E., Electrical and Electronics Engineering	R2017	ME8792	Power Plant Engineering	Smart sensors and actuators for industrial automation	4
5	B.E., Mechanical Engineering	R2017	ME8099	ROBOTICS	Robotics and Automation in Manufacturing	5

In this regard, we are sending this letter to the Board of Studies (BoS) of Anna University, requesting that the above recommendations be discussed at the upcoming BoS meeting to improve the educational experience for the student community.

**Dr.M.VIJAYAKUMAR** ME., Ph.D.,  
PRINCIPAL



**SASURIE COLLEGE OF ENGINEERING,**  
Vijayamangalam - 638 055, Tirupur (Dt).



*[Signature]*  
Principal  
PRINCIPAL



**SASURIE COLLEGE OF ENGINEER**



# SASURIE COLLEGE OF ENGINEERING

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Ref: SCE / 2020 – 2021 / AU / Letter BoS

09.03.2021

To

The Director,  
Centre for Academic Courses,  
Anna University,  
Chennai.

Respected Sir / Madam,

Sub: "Request to include identified topics to address the curricular gap in the R-2017 Curriculum – Reg."

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We would like to inform you that our Institution's IQAC team has gathered feedback from stakeholders—including students, faculty members, alumni, employers, and parents—regarding academic performance, curriculum, and syllabus provided by Anna University, Chennai. This feedback was analyzed and discussed during the IQAC meeting.

Following the IQAC members' recommendations, we propose the inclusion of the following topics in the existing Anna University R-2017 Curriculum and Syllabus to address curricular gaps and update the content with current trends for the benefit of the student community.

S.No.	Name of the Degree Programme	Regulation	Course Code	Course Name	Topic to be included	Unit No.
1	B.E., Civil Engineering	R2017	CE8701	Estimation and Quantity Surveying	Construction Cost Estimating and Analysis	4
2	B.E., Computer Science and Engineering	R2017	CS8092	Computer Graphics and Multimedia	Computer Graphics and Animation	3
3	B.E., Electronics and Communication Engineering	R2017	EC8691	Microprocessor and Micro controller	Machine Learning for Signal Processing	4
4	B.E., Electrical and Electronics Engineering	R2017	EE8703	Renewable Energy Systems	Green Buildings	5
5	B.E., Mechanical Engineering	R2017	ME8791	Mechatronics	Mechatronics and Control System Design	5

In this regard, we are sending this letter to the Board of Studies (BoS) of Anna University, requesting that the recommendations be discussed at the upcoming BoS meeting to enhance the educational experience for the student community.

Dr.M.VIJAYAKUMAR ME., Ph.D.,  
PRINCIPAL

SASURIE COLLEGE OF ENGINEERING,  
Vijayamangalam - 638 056, Tirupur (Dt).



T. S. n  
Principal

SASURIE COLLEGE OF ENGINEERING

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Ref: SCE / 2019 – 2020 / AU / Letter BoS

20.02.2020

To

The Director,  
Centre for Academic Courses,  
Anna University,  
Chennai.

Respected Sir / Madam,

Sub: Request to include the identified topics to address the curricular gap in the  
R-2017 Curriculum – Reg.

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We wish to inform you that our Institution's IQAC team has gathered feedback from stakeholders—including students, faculty members, alumni, employers, and parents—regarding academic performance, curriculum, and syllabus offered by Anna University, Chennai. This feedback was analyzed and discussed in the IQAC meeting.

Based on the IQAC members' directions, the following topics have been proposed for inclusion in the existing Anna University R-2017 Curriculum and Syllabus to address curricular gaps and update the content with current trends, benefiting the student community.

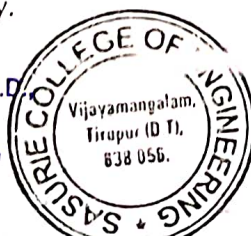
S.No.	Name of the Degree Programme	Regulation	Course Code	Course Name	Topic to be included	Unit No.
1	B.E., Civil Engineering	R2017	CE8701	Estimation And Quantity Surveying	Construction Law and Contract Administration	3
2	B.E., Computer Science and Engineering	R2017	CS8791	Cloud Computing	Edge Computing and Fog Computing	5
3	B.E., Electronics and Communication Engineering	R2017	EC8551	Communication Networks	5G and Beyond: Next-Generation Wireless Technologies	4
4	B.E., Electrical and Electronics Engineering	R2017	EE8007	EHVAC Transmission	Wireless power transfer technologies	4
5	B.E., Mechanical Engineering	R2017	GE8073	Fundamentals of Nano Science	Biomechanics and Biometrics	3

In this regard, we are sending this letter to the Board of Studies (BoS) of Anna University, requesting that the above recommendations be discussed in the upcoming BoS meeting to improve the educational experience for the student community.

*M*  
**Dr.M.VIJAYAKUMAR ME., Ph.D.**  
PRINCIPAL



**SASURIE COLLEGE OF ENGINEERING,**  
Vijayamangalam - 638 056, Tirupur (Dt).



*UPY CAS*  
Principal  
PRINCIPAL



**SASURIE COLLEGE OF ENGINEERING**  
Vijayamangalam - 638 056, Tirupur (Dt)



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Ref: SCE / 2018 – 2019 / AU / Letter BoS

06.05.2019

To

The Director,  
Centre for Academic Courses,  
Anna University,  
Chennai.

Respected Sir / Madam,

Sub: Requisition to include the identified topics to bridge the curricular gap in the  
R-2013 and R-2017 Curriculum – Reg

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We would like to bring to your attention that our Institution's IQAC team has collected feedback from our stakeholders (students, faculty members, alumni, employers, and parents) regarding the academic performance, curriculum and syllabus offered by Anna University, Chennai. The feedback was analyzed and presented in the IQAC meeting.

Following the direction of the IQAC members, the following topics were suggested to be included in the existing Anna University R-2013 and R-2017 Curriculum and Syllabus to bridge the curricular gap and enhance the content with recent trends for the benefit of the student community.

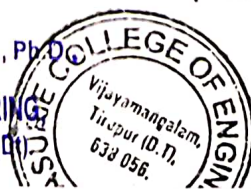
S.No.	Name of the Degree Programme	Regulation	Course Code	Course Name	Topic to be included	Unit No.
1	B.E., Civil Engineering	R2013	GE6351	Environmental Science and Engineering	Sustainable Drainage Systems	1
2	B.E., Computer Science and Engineering	R2013	CS8081	Internet Of Things	Cloud services using Grafana	4
3	B.E., Electronics and Communication Engineering	R2013	EC6602	Antenna And Wave Propagation	UAVs and Drone Technologies	3
4	B.E., Electrical and Electronics Engineering	R2013	EE8019	Smart Grid	Internet of Things (IoT) applications in smart grids	5
5	B.E., Mechanical Engineering	R2017	GE8076	Professional Ethics in Engineering	Engineering Ethics and Professional Practice in Mechanical Engineering	3

In this regard, we are sending this letter to the Board of Studies (BoS) of Anna University, requesting that the above recommendations be discussed in the upcoming BoS meeting to enhance the quality of education for the student community.

Dr.M.VIJAYAKUMAR ME., PH.D.  
PRINCIPAL



SASURIE COLLEGE OF ENGINEERING  
Vijayamangalam - 638 056, Tirupur (T.N.)



Principal  
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