



# SASURIE

## COLLEGE OF ENGINEERING

Near NH - 544 Coval Bypass, Vijayamangalam - 638056, Tiruppur District.  
APPROVED BY AICTE - NEW DELHI, AFFILIATED TO ANNA UNIVERSITY - CHENNAI  
RECOGNIZED WITH UGC 2(F) & 12(B) STATUS



E-mail : info@sasurie.com  
Web : www.sasurieengg.com  
Phone : 9442593815 / 828

### 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, Tirupur (Dt).



Criterion 1	Curricular Aspects	100
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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.

### 2023-2024

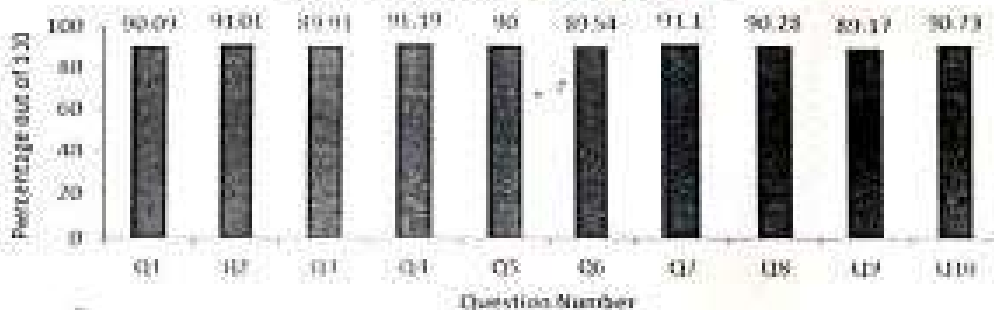
S.NO.	DETAILS	PAGE NO
1.	FEEDBACK ANALYSIS REPORT (Student, Teacher, Alumni, Parent, Employer)	04-13
2.	ACTION TAKEN REPORT	14-15
3.	PROOF OF ACTION TAKEN REPORT	16-71

**Consolidated Report**  
**Students Feedback on Academic Performance and Ambience**  
**[Academic year 2023-2024]**

Total Entry: 218 Students


Q.No.	QUESTIONS	Average Out of 5	Percentage Out of 100
<b>Student Feedback on Curriculum (Academic Performance)</b>			
1	Select your satisfaction level regarding the arrangement of courses, which encompasses Basic Science, Engineering Science, Humanities and Social Sciences, Professional Core, Professional Elective, Open Elective, Employment Enhancement Courses and Project Work, etc.	4.50	90.09
2	Select your satisfaction level regarding the appropriateness of the course sequence in the curriculum.	4.55	91.01
3	Choose your satisfaction level regarding the suitability of the sequence of units within the courses offered in the curriculum.	4.50	89.91
4	Choose your satisfaction level regarding the adequate number of text books and reference books mentioned for the courses.	4.56	91.19
5	Choose your satisfaction level regarding the implementation of CBCS in the Curriculum.	4.50	90.00
6	Choose your satisfaction level regarding the content of courses offered in the curriculum to motivate the students to pursue for their higher studies, career orientation and research work.	4.48	89.54
7	Choose your satisfaction level regarding the electives offered in the curriculum in relevance to individual interventions.	4.56	91.10
8	Choose your satisfaction level regarding the availability of course content with respect to industry readiness.	4.51	90.28
9	Choose your satisfaction level regarding the number of experiments available in the laboratory courses with respect to real time problems.	4.46	89.17
10	Choose your satisfaction level regarding the balance between theory and the laboratory courses available in the Curriculum.	4.54	90.73

**Students Feedback on Academic**  
**Performance - 2023-2024**

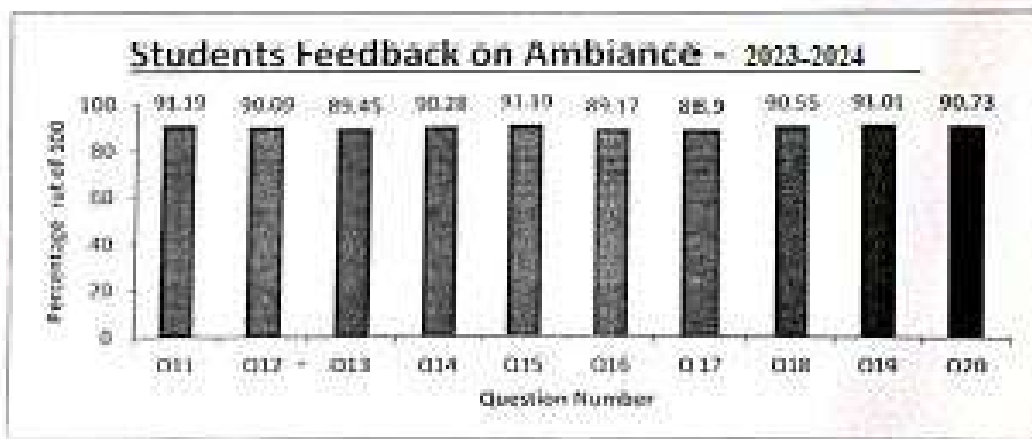


  
 RMA Coordinator

  
 Principal


**Dr. M. VIJAYAKUMAR M.E., Ph.D.**  
 PRINCIPAL  
 SASURIE COLLEGE OF ENGINEERING,  
 Veyyampalayam - 612 098, Tirupur (Tn)


Q.No	QUESTIONS	Average	Percentage
		Out of 5	Out of 100
<b>Student Feedback on Ambience (Infra Structure)</b>			
11	Choose your satisfaction level regarding the availability of well furnished class rooms, ICT facilities used for Teaching & Learning process.	4.56	91.19
12	Choose your satisfaction level regarding the availability of text & reference books and journals in the central library.	4.50	90.00
13	Choose your satisfaction level regarding the initiatives followed by the institution to provide safe & secure, clean campus environment for active learning.	4.47	89.45
14	Choose your satisfaction level regarding the initiatives followed by the institution to allow the students to participate in Intra/Inter/intra/International level competitions.	4.51	90.28
15	Choose your satisfaction level regarding the quality, quantity and price of food served to the students in the canteen.	4.56	91.19
16	Choose your satisfaction level regarding the transport facility provided by the institution.	4.00	80.17
17	Choose your satisfaction level regarding the facility available for waste disposal in the college campus.	4.44	88.90
18	Choose your satisfaction level regarding the facility available for disabled friendly environment in the college campus.	4.53	90.55
19	Choose your satisfaction level regarding the availability of renewable energy sources in the college campus.	4.55	91.01
20	Choose your satisfaction level regarding the best practices implemented by the institution.	4.54	90.73



*[Signature]*  
 IQAC Coordinator

*[Signature]*

*[Signature]*  
 Principal


**Dr.M.VIJAYAKUMAR M.E., Ph.D.**  
 PRINCIPAL  
 SASURIE COLLEGE OF ENGINEERING,  
 Vyasalingam - 605 006, Tirupur (TN)

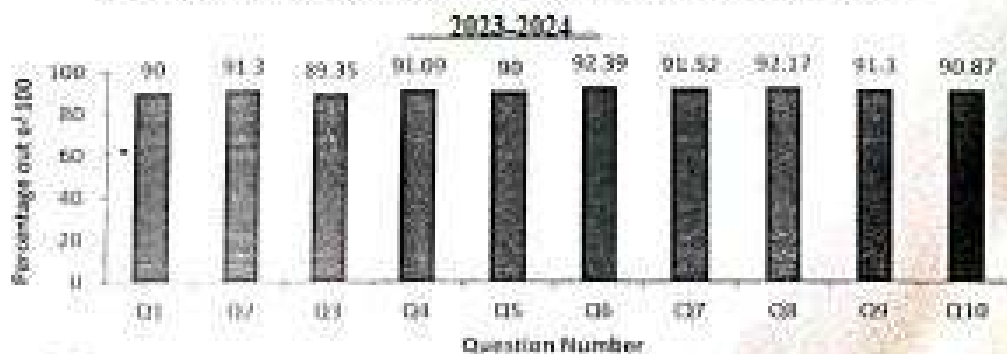


**Consolidated Report**  
**Faculty Feedback on Academic Performance and Ambience**  
**[ Academic year 2023-2024 ]**

Total Entry: 92 Faculty

Q.No.	QUESTIONS	Average	Percentage
		Out of 5	Out of 100
<b>Faculty Feedback on Curriculum (Academic Performance)</b>			
1	Select your satisfaction level regarding the composition of courses incorporating Basic Science, Engineering Science, Humanities and Social Sciences, Professional Core, Professional Elective, Open Elective, Employment Enhancement Courses, Project Work, and so on	4.50	90.00
2	Indicate your satisfaction level with how clearly the course objectives and outcomes are defined in the syllabus	4.57	91.30
3	Select your satisfaction level concerning the distribution of hours specified in the syllabus in relation to the course content.	4.47	89.35
4	Indicate your satisfaction level with the quantity of textbooks and reference books listed in the syllabus	4.55	91.09
5	Select your satisfaction level regarding the extent to which units are covered according to the prescribed textbooks and reference books	4.50	90.00
6	Indicate your satisfaction level with the inclusion of recent technologies in the syllabus content	4.62	92.39
7	Select your satisfaction level concerning how clearly the Course Outcomes (COs) are mapped with Program Outcomes (POs) and Program Specific Outcomes (PSOs) in the syllabus	4.58	91.52
8	Select your satisfaction level regarding the accessibility of curriculum designed to bridge the gap between the industry and the institute	4.61	92.17
9	Select your satisfaction level regarding the course content that aids in enhancing faculty knowledge for continuous teaching and learning processes	4.57	91.30
10	Select your satisfaction level regarding the relevance of technological advancements to the extent allowed in the curriculum	4.54	90.87

**Faculty Feedback on Academic Performance -**



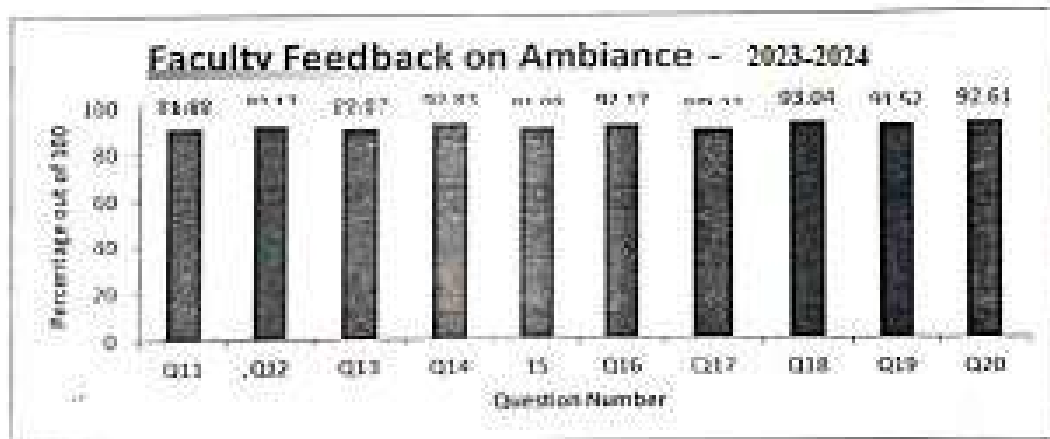
*[Signature]*  
IQAC Coordinator

*[Signature]*  
Principal




**Dr.M.VIJAYAKUMAR ME, Ph.D.**  
 PRINCIPAL  
**SASURIE COLLEGE OF ENGINEERING,**  
 Vijayarpattinam - 605 006, Tirupur (Dt)

Q.No	QUESTIONS	Average	Percentage
		Out of 5	Out of 100
<b>Faculty Feedback on Ambience (Infra Structure)</b>			
11	Select your satisfaction level regarding the facilities utilized for the teaching and learning process.	4.55	91.09
12	Select your satisfaction level regarding the availability of textbooks, reference books, and journals in the library.	4.61	92.17
13	Please select your satisfaction level regarding the institution's efforts to create a safe, clean campus environment conducive to active learning.	4.54	90.87
14	Select your satisfaction level with the faculty performance appraisal system implemented by the institution.	4.84	96.83
15	Please indicate your satisfaction level with the quality, quantity, and pricing of the food available in the canteen.	4.55	91.09
16	Select your satisfaction level regarding the transportation services provided by the institution.	4.61	92.17
17	Select your satisfaction level regarding the waste disposal facility available on the college campus.	4.51	90.22
18	Select your satisfaction level regarding the availability of a disabled-friendly environment on the college campus.	4.65	93.04
19	Select your satisfaction level regarding the presence of renewable energy sources on the college campus.	4.58	91.52
20	Select your satisfaction level with the welfare measures implemented by the institution for the staff.	4.63	92.61



*[Signature]*  
 IQAC Coordinator

*[Signature]*  
 Principal

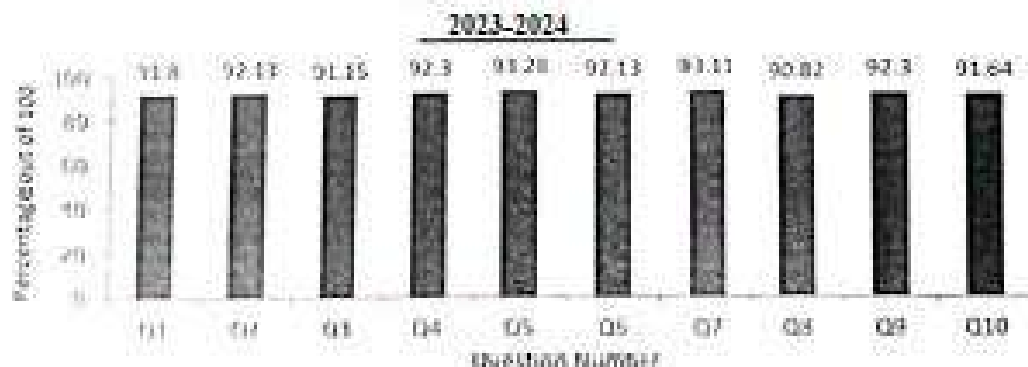
  
**Dr.M.VIJAYAKUMAR** M.E., Ph.D.  
 PRINCIPAL  
**SASURIE COLLEGE OF ENGINEERING**  
 Veyyemangalam - 632 006, Tirupur (TN)

**Consolidated Report**  
**Alumni Feedback on Academic Performance and Ambience**  
**Academic year 2023-2024**

Total Entry: 122 Alumni


Q.No	QUESTIONS	AVERAGE	PERCENTAGE
		Out of 5	Out of 100
<b>Alumni Feedback on Curriculum (Academic Performance)</b>			
1	Select your satisfaction level regarding the arrangement of courses, which encompasses Basic Sciences, Engineering Science, Humanities and Social Sciences, Professional Core, Professional Elective, Open Elective, Employment Preparation Courses and Project Work, etc.	4.66	93.30
2	Select your satisfaction level regarding the appropriateness of the course sequence in the curriculum.	4.61	92.13
3	Choose your satisfaction level regarding the suitability of the sequence of units within the courses offered in the curriculum.	4.55	91.15
4	Choose your satisfaction level regarding the adequate number of text books and reference books mentioned for the courses.	4.61	92.30
5	Choose your satisfaction level regarding the implementation of CBCS in the Curriculum.	4.66	93.28
6	Choose your satisfaction level regarding the content of courses offered in the curriculum to motivate the students to pursue for their higher studies, career advancement and research work.	4.61	92.13
7	Choose your satisfaction level regarding the electives offered in the curriculum in relevance to technological advancements.	4.66	93.11
8	Choose your satisfaction level regarding the availability of course content with respect to industry readiness.	4.54	90.82
9	Choose your satisfaction level regarding the number of experiments available in the laboratory courses with respect to real time problems.	4.61	92.30
10	Choose your satisfaction level regarding the balance between theory and the laboratory courses available in the Curriculum.	4.58	91.64

**Alumni Feedback on Academic Performance -**

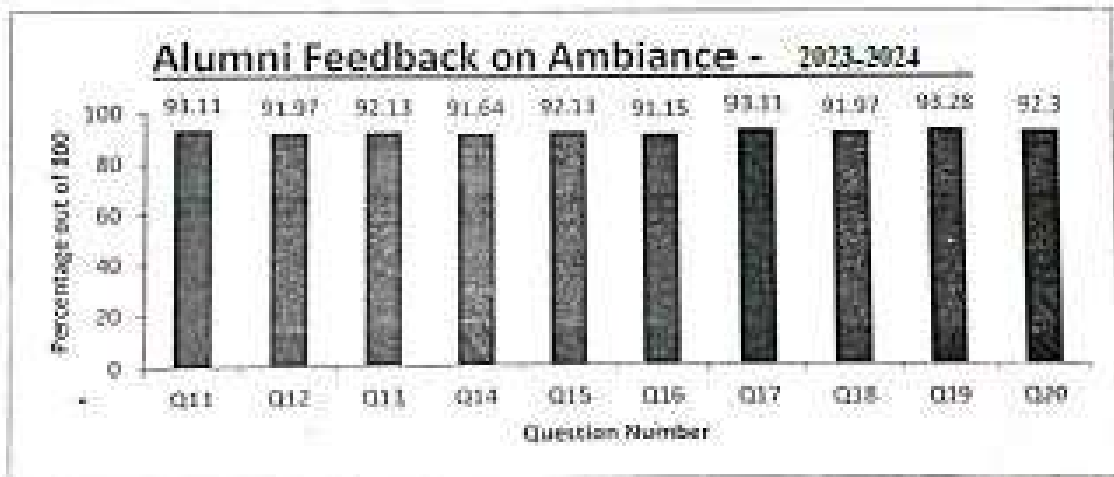


*(Signature)*  
DAM Prasad

*(Signature)*  
Principal


**DAM VIJAYAKUMAR ME, Ph.D.**  
 PRINCIPAL  
**SASURIE COLLEGE OF ENGINEERING,**  
 Vijayanagara - 613 050, Tamil Nadu

Q.No	QUESTIONS	Average	Percentage
		Out of 5	Out of 100
<b>Alumni Feedback on Ambience (Infra Structure)</b>			
11	Choose your satisfaction level regarding the availability of well-furnished class-rooms, ICT facilities used for teaching & learning process.	4.65	93.11
12	Choose your satisfaction level regarding the availability of text & reference books and journals in the central library.	4.60	91.97
13	Choose your satisfaction level regarding the initiatives followed by the institution to provide safe & secure, clean campus environment for active learning.	4.61	92.13
14	Choose your satisfaction level regarding the functioning of Training & Placement cell of the Institution.	4.58	91.64
15	Choose your satisfaction level regarding the capacity building programmes offered by the Institution to enhance employability skills.	4.61	92.13
16	Choose your satisfaction level regarding the facilities provided by the Institution for career counseling and career guidance.	4.56	91.15
17	Choose your satisfaction level regarding the facility available for waste disposal in the college campus.	4.66	93.11
18	Choose your satisfaction level regarding the facility available for disabled friendly environment in the college campus.	4.60	91.97
19	Choose your satisfaction level regarding the availability of renewable energy sources in the college campus.	4.66	93.28
20	Choose your satisfaction level regarding the best practices implemented by the Institution.	4.61	92.30



*[Signature]*  
RAC Co-ordinator

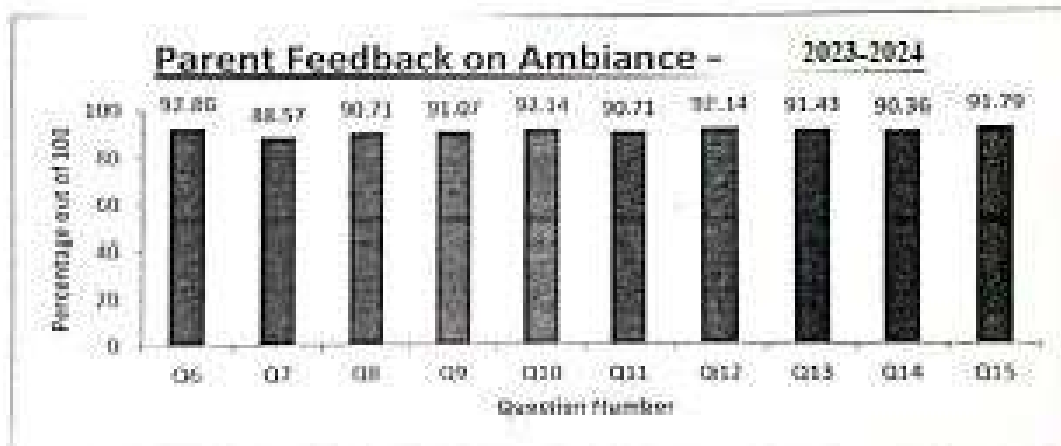
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Principal

*[Signature]*  
**Dr. M. VIJAYAKUMAR M.E., Ph.D.**  
Principal  
SASURIE COLLEGE OF ENGINEERING  
Vijayanagar - 615 056, Tirupur (TN)






10	<p>കുടുംബ അംഗമാണ് അന്വേഷിച്ചിട്ടുള്ളതെന്ന് മാത്രം അല്ല മറ്റുള്ളവർക്കും സൗകര്യം ഉണ്ടാകുന്ന വിധത്തിൽ അന്വേഷിച്ചിട്ടുള്ളതെന്ന്.</p> <p>Choose your satisfaction level regarding the transport facility provided by the Institution.</p>	4.54	90.71
12	<p>കുടുംബ അംഗമാണ് അന്വേഷിച്ചിട്ടുള്ളതെന്ന് മാത്രം അല്ല മറ്റുള്ളവർക്കും സൗകര്യം ഉണ്ടാകുന്ന വിധത്തിൽ അന്വേഷിച്ചിട്ടുള്ളതെന്ന്.</p> <p>Choose your satisfaction level regarding the facility available for waste disposal in the college campus.</p>	4.61	92.14
13	<p>കുടുംബ അംഗമാണ് അന്വേഷിച്ചിട്ടുള്ളതെന്ന് മാത്രം അല്ല മറ്റുള്ളവർക്കും സൗകര്യം ഉണ്ടാകുന്ന വിധത്തിൽ അന്വേഷിച്ചിട്ടുള്ളതെന്ന്.</p> <p>Choose your satisfaction level regarding the facility available for disabled/ friendly environment in the college campus.</p>	4.57	91.43
14	<p>കുടുംബ അംഗമാണ് അന്വേഷിച്ചിട്ടുള്ളതെന്ന് മാത്രം അല്ല മറ്റുള്ളവർക്കും സൗകര്യം ഉണ്ടാകുന്ന വിധത്തിൽ അന്വേഷിച്ചിട്ടുള്ളതെന്ന്.</p> <p>Choose your satisfaction level regarding the availability of renewable energy sources in the college campus.</p>	4.52	90.36
15	<p>കുടുംബ അംഗമാണ് അന്വേഷിച്ചിട്ടുള്ളതെന്ന് മാത്രം അല്ല മറ്റുള്ളവർക്കും സൗകര്യം ഉണ്ടാകുന്ന വിധത്തിൽ അന്വേഷിച്ചിട്ടുള്ളതെന്ന്.</p> <p>Choose your satisfaction level regarding the student welfare measures offered by the Institution.</p>	4.59	91.79



*[Signature]*  
 H.M. Coordinator

*[Signature]*  
 Principal


**Dr.M.VIJAYAKUMAR M.E. Ph.D.**  
 PRINCIPAL  
 SASURIE COLLEGE OF ENGINEERING,  
 Vayamangalam - 610 055, Tirupur(Dt).

**Consolidated Report**  
**Employer Feedback on Academic Performance and Ambience**  
**Academic year 2023-2024]**

Total Entry: 11 Employers

Q.No.	QUESTIONS	Average	Percentage
		Out of 5	Out of 100
<b>Employer Feedback on Curriculum (Academic Performance)</b>			
1.	The availability of Curriculum that suitable for recruitment of students.	4.64	92.73
2.	The availability of course content with respect to industry readiness.	4.36	87.27
3.	The electives offered in the curriculum in relevance to technological advancements.	4.55	90.91
4.	The availability of curriculum to bridge the gap between the industry and institute.	4.45	89.09
5.	The overall content of the curriculum.	4.55	90.91
<b>Employer Feedback on Ambience (Infra Structure)</b>			
6.	The availability of well-furnished class rooms, ICT facilities used for pre placement training.	4.36	87.27
7.	The availability of aptitude/competitive examination books in the central library.	4.45	89.09
8.	The initiatives followed by the institution to provide safe & secure, clean campus environment for recruitment drive.	4.64	92.73
9.	The functioning of Training & Placement cell of the Institution.	4.36	87.27
10.	The capacity building programmes offered by the Institution to enhance employability skills of the students.	4.55	90.91
11.	The learning experience offered in terms of problem solving/experiential learning to the students of the Institution.	4.36	87.27
12.	The facility available for waste disposal in the college campus.	4.64	92.73
13.	The facility available for disabled friendly environment in the college campus.	4.45	89.09
14.	The availability of renewable energy sources in the college campus.	4.27	85.45
15.	The initiatives taken by the Institution for water conservation.	4.45	89.09

  
 K.M. Co-ordinator



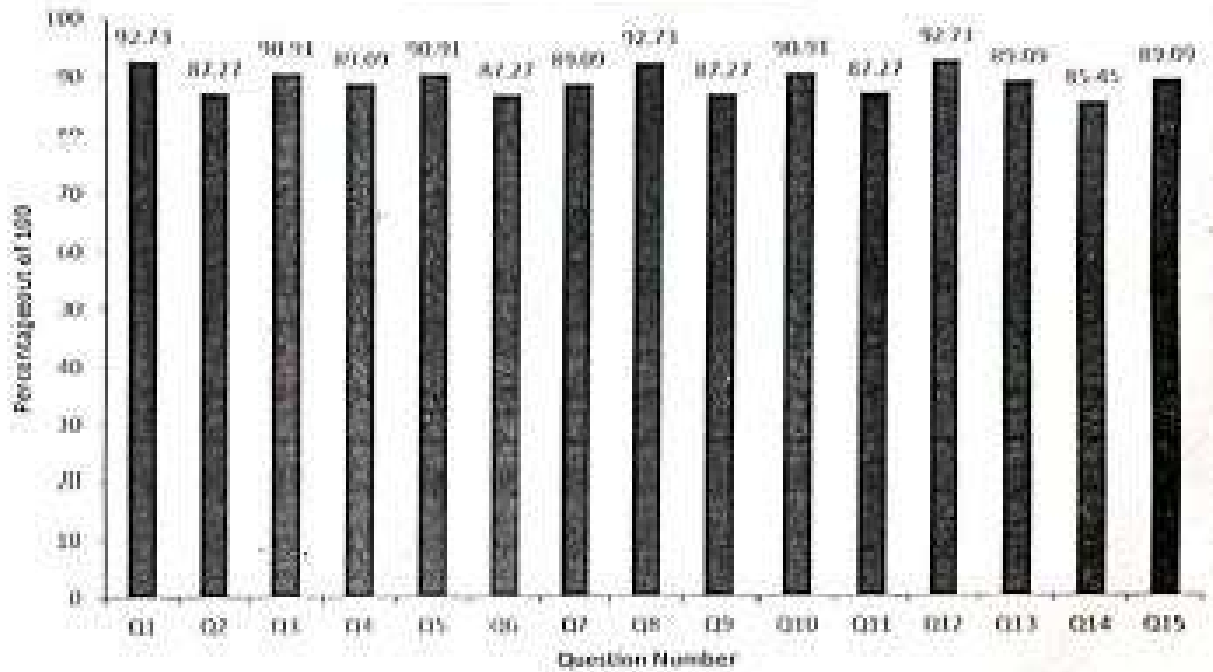
  
 Principal



**Dr.M.VIJAYAKUMAR ME, Ph.D.**  
 PRINCIPAL  
**SASURIE COLLEGE OF ENGINEERING,**  
 Vayalarpetam - 605 005, Tirupur (Dt)




### Employer Feedback on Academic Performance and Ambiance - 2023-2024



*[Signature]*  
 IQAC Coordinator

*[Signature]*  
 Principal


**Dr.M.VIJAYAKUMAR M.E., Ph.D.,**  
 PRINCIPAL  
**SASURIE COLLEGE OF ENGINEERING,**  
 Vayampalayam - 632 025, Tirupur (TN)

Internal Quality Assurance Cell (IQAC)

Action Taken Report – 2023-2024

on

Stakeholders Feedback on Academic Performance and Ambiance

17-06-2023

Ref: SCE / IQAC / 2023 - 2024 / Stakeholders Feedback on Academic Performance and Ambiance /  
Action Taken Report

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To enhance quality initiatives at Sasurie College of Engineering (SCE), the Institution's Internal Quality Assurance Cell (IQAC) team gathered feedback from various stakeholders, including students, faculty members, alumni, employers, and parents. This feedback focused on evaluating the academic performance, campus environment, curriculum, and syllabus aligned with Anna University, Chennai.

After thorough analysis of the feedback related to academic performance, curriculum, and syllabus, the findings were presented during an IQAC meeting. The primary objective was to address identified gaps in the Anna University R-2021 Curriculum and Syllabus.

In response to SCE IQAC members' recommendations, a proposal was made to include additional topics aimed at enhancing the current Anna University R-2021 Curriculum and Syllabus. This initiative seeks to fill curriculum gaps, integrate contemporary trends, and provide significant benefits to the student community.

Consequently, a formal letter was sent to the Board of Studies (BoS) at Anna University, requesting consideration of these recommendations at their upcoming meeting.

Page 1 of 2

Table -1. The topics identified to address curricular gaps in the Anna University R-2021 Curriculum and Syllabus will be recommended for consideration at the upcoming Board of Studies (BoS) meeting at Anna University.

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 Technology	Autonomous Vehicle	3

Furthermore, throughout the academic year 2023-2024 all departments at SCE offered the following value-added courses. These courses were meticulously crafted to enhance the curriculum with current trends and were endorsed by the IQAC members of SCE, with the goal of benefiting the student community.

List of Value Added Courses conducted to bridge the curricular gap identified

S.No	VAC Course Name	Students Participated	Department
1.	Ethical Hacking and Penetration Testing	CSE	
2.	Game Development and Virtual Reality (VR)		
3.	Strategic Negotiation and Influence		
4.	Leadership in the Digital Age	MBA	
5.	Electrical Safety in Engineering		
6.	Energy-efficient building design and management	EEE, ECE, Mech Civil	
7.	Mobile Application Development		
8.	Engineering Education Pedagogy	IELL	

  
IQAC Co-ordinator

  
Principal  
PRINCIPAL

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



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



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



## Report on Value Added Course

Title:	IT Service Management and Business value: Strategies for Optimizing Service Delivery				
Resource Person:	Mrs.Sugithra, Fullstack developer, C CUBE Technologies, Erode-638001		Mr.E.Anndhakumar, CEO, C CUBE Technologies, Erode-638001		
Date of conduct from:	12.02.2024	To:	16.02.2024	Duration:	30 Hours
Organized by:	COMPUTER SCIENCE ENGINEERING and IQAC in association with C CUBE Technologies				
Academic Year:	2023 - 2024		Semester:	EVEN	
Participant Year:	II,III,IV Year CSE,AI&DS		No.of Students Participated:	94	
Venue:	Lecture hall of II & III year CSE,AI&DS				

### Outcome of Value Added Course(VAC)

At the end of the Course, Students can be able to

- Identify the different phases of the ITIL service lifecycle: Service Strategy, Service Design, Service Transition, Service Operation, and Continual Service Improvement.
- Understand and apply ITIL best practices to manage IT services effectively.
- Analyze business requirements and translate them into IT service requirements, ensuring that IT services provide measurable value to the business.
- Apply performance management techniques to ensure services are delivered within agreed-upon service levels (SLAs).
- Understand the financial aspects of ITSM, including cost modeling, budgeting, and resource allocation for IT services.

### Assessment Process

- Students, who are securing more than 70% on total score in the VAC test and secured more than 75% in VAC attendance is eligible to receive the course completion certificate for the VAC attended
- Total Score =  $(0.5 * \text{Attendance in VAC out of 100 percentage} + 0.5 * \text{Test mark in VAC out of 100 marks})$

No. of students successfully completed the VAC course is 94 Students based on the above assessment process.

  
VAC Co-ordinator

  
HoD/CSE

  
Principal





DEPARTMENT OF COMPUTER SCIENCE ENGINEERING  
Certificate of Participation

This is to Certify that Mr. Tamilarasan K, II/AIDS has successfully completed the Value Added Course titled "IT Service Management and Business value: Strategies for Optimizing Service Delivery" Organized by the Department of Computer Science Engineering in association with IQAC of Sasurie College of Engineering and CUBE Technologies from 12.02.2024 to 16.02.2024 (5 days).

  
Co-ordinator

  
Head of the Department

  
Principal


  
DR. M. VIJAYAKRISHNAN, Ph.D.,  
PRINCIPAL  
SASURIE COLLEGE OF ENGINEERING,  
Vivekanandapuram - 630 050, Tripurur (Dt).

**DEPARTMENT OF COMPUTER SCIENCE ENGINEERING**  
**Certificate of Participation**

---

This is to Certify that Mr.Baskar S, II/CSE has successfully completed the Value Added Course titled "IT Service Management and Business value: Strategies for Optimizing Service Delivery" Organized by the Department of Computer Science Engineering in association with IQAC of Sasurie College of Engineering and C CUBE Technologies from 12.02.2024 to 16.02.2024 (5 days).

  
Co-ordinator

  
Head of the Department

  
Principal

**DEPARTMENT OF COMPUTER SCIENCE ENGINEERING**  
**Certificate of Participation**

---

This is to Certify that Mr: SIVAKUMAR V, III/AI&DS has successfully completed the Value Added Course titled "IT Service Management and Business value: Strategies for Optimizing Service Delivery" Organized by the Department of Computer Science Engineering in association with IQAC of Sasurie College of Engineering and C CUBE Technologies from 12.02.2024 to 16.02.2024 (5 days).

  
Co-ordinator

  
Head of the Department

  
Principal



**DEPARTMENT OF COMPUTER SCIENCE ENGINEERING**  
**Certificate of Participation**

This is to Certify that Mr.Prakash.P, III/CSE has successfully completed the Value Added Course titled "IT Service Management and Business value: Strategies for Optimizing Service Delivery" Organized by the Department of Computer Science Engineering in association with IQAC of Sasurie College of Engineering and C CUBE Technologies from 12.02.2024 to 16.02.2024 (5 days).

Co-ordinator

*Prasath*

Head of the Department

Principal

*Dr. M. Vijayakumar*  
DR.M.VIJAYAKUMAR M.E., Ph.D.,  
PRINCIPAL  
SASURIE COLLEGE OF ENGINEERING,  
Vijayamangalam - 638 056, Tiruppur (TN)







**DEPARTMENT OF COMPUTER SCIENCE ENGINEERING**  
**Certificate of Participation**

This is to Certify that Mr.KATHIRAVAN T J, IV/AI&DS has successfully completed the Value Added Course titled "IT Service Management and Business value: Strategies for Optimizing Service Delivery" Organized by the Department of Computer Science Engineering in association with IQAC of Sasurie College of Engineering and C CUBE Technologies from 12.02.2024 to 16.02.2024 (5 days).

  
Coordinator

  
Head of the Department

  
Principal

  
Dr.M.VIJAYAKUMAR ME., Ph.D.,  
PRINCIPAL  
SASURIE COLLEGE OF ENGINEERING,  
Vijayamangalam - 638 056, Tiruppur (Dt. )


**DEPARTMENT OF COMPUTER SCIENCE ENGINEERING**  
**Certificate of Participation**

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This is to Certify that Ms.NIVETHA S, IV/CSE has successfully completed the Value Added Course titled "IT Service Management and Business value: Strategies for Optimizing Service Delivery" Organized by the Department of Computer Science Engineering in association with IQAC of Sasurie College of Engineering and C CUBE Technologies from 12.02.2024 to 16.02.2024 (5 days).

  
Co-ordinator

  
Head of the Department

  
Principal

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

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



## Report on Value Added Course

Title:	AI for Business Process Automation				
Resource Person:	Ms.M.Anupriya, Web site Designer, PSR Info Tech Coimbatore-641011.		Mr.P.Srinivasan, Manager, PSR Info Tech Coimbatore-641011.		
Date of conduct from:	21.08.2023	To:	26.08.2023	Duration:	36 Hours
Organized by:	COMPUTER SCIENCE ENGINEERING and IQAC in association with PSR Info Tech				
Academic Year:	2023 – 2024			Semester:	ODD
Participant Year:	II,III,IV Year CSE,AI&DS		No.of Students Participated:	95	
Venue:	Lecture hall of II & III year CSE,AI&DS				

### Outcome of Value Added Course(VAC)

At the end of the Course, Students can be able to

- Ability to analyse and map business processes for automation, identifying areas for improvement.
- Skills in designing AI-driven solutions for automating business processes.
- Hands-on experience with AI tools like RPA (UiPath, Automation Anywhere), ML libraries (TensorFlow, Scikit-learn), and NLP APIs.
- Ability to optimize business processes and evaluate the impact of automation on business efficiency.
- Understanding of the ethical implications of AI in business automation and how to address them.
- Experience managing AI-driven automation projects and communicating their value to stakeholders..

### Assessment Process

- Students, who are securing more than 70% on total score in the VAC test and secured more than 75% in VAC attendance is eligible to receive the course completion certificate for the VAC attended
- Total Score=(0.5\*Attendance in VAC out of 100 percentage+0.5 \*Test mark in VAC out of 100marks)


No.of students successfully completed the VAC course is 95 Students based on the above assessment process.

  
VAC Co-ordinator

  
HoD/CSE

  
Principal

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


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


**DEPARTMENT OF COMPUTER SCIENCE ENGINEERING**  
**Certificate of Participation**

This is to Certify that Mr.Arunkumar A, II/CSE has successfully completed the Value Added Course titled "AI for Business Process Automation" Organized by the Department of Computer Science Engineering in association with IQAC of Sasurie College of Engineering and PSR Info Tech from 21.08.2023 to 26.08.2023(6 days).

  
Co-ordinator

  
Head of the Department

  
Principal

  
**Dr.M.VIJAYAKUMAR ME., Ph.D.,**  
PRINCIPAL  
**SASURIE COLLEGE OF ENGINEERING,**  
Vijayamangalam - 638 056, Tirupur (Dt).



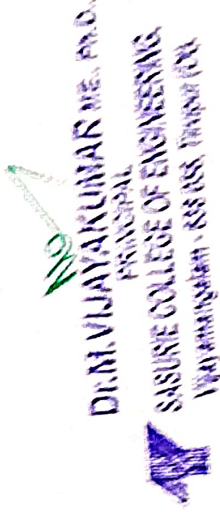
**DEPARTMENT OF COMPUTER SCIENCE ENGINEERING**  
**Certificate of Participation**

This is to Certify that Mr.Madhusuryakumar R, II/AIDS has successfully completed the Value Added Course titled "AI for Business Process Automation" Organized by the Department of Computer Science Engineering in association with IQAC of Sasurie College of Engineering and PSR Info Tech from 21.08.2023 to 26.08.2023(6 days).

  
Coordinator

  
Head of the Department

  
Principal

  
DR.M.VIJAYAKUMAR IIE, Ph.D.  
PRINCIPAL  
SASURIE COLLEGE OF ENGINEERING  
Ujvamangalam - 655 155, Tiruppur (TN)


**DEPARTMENT OF COMPUTER SCIENCE ENGINEERING**  
**Certificate of Participation**

This is to Certify that Mr.KATHIRAVAN T J, IV/AI&DS has successfully completed the Value Added Course titled "AI for Business Process Automation" Organized by the Department of Computer Science Engineering in association with IQAC of Sasurie College of Engineering and PSR Info Tech from 21.08.2023 to 26.08.2023(6 days).

  
Co-ordinátor

  
Head of the Department

  
Principal


  
Dr.M.VIJAYAKUMAR ME., Ph.D.,  
PRINCIPAL  
SASURIE COLLEGE OF ENGINEERING,  
Vijayamangalam - 635 056, Tiruppur (Dt)

**DEPARTMENT OF COMPUTER SCIENCE ENGINEERING**  
**Certificate of Participation**

This is to Certify that Mr.Divakar.S, III/CSE has successfully completed the Value Added Course titled "AI for Business Process Automation" Organized by the Department of Computer Science Engineering in association with IQAC of Sasurie College of Engineering and PSR Info Tech from 21.08.2023 to 26.08.2023(6 days).

  
Coordinator

  
Head of the Department

  
Principal

  
Dr.M.VIJAYAKUMAR ME., Ph.D.,  
PRINCIPAL  
SASURIE COLLEGE OF ENGINEERING,  
Vijayamangalam - 638 056, Tirupur (Dt).

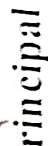


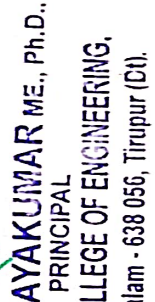

**DEPARTMENT OF COMPUTER SCIENCE ENGINEERING**  
**Certificate of Participation**

This is to Certify that **Mr.SIVAKUMAR V, III/AI&DS** has successfully completed the Value Added Course titled "AI for Business Process Automation" Organized by the Department of Computer Science Engineering in association with IQAC of Sasurie College of Engineering and PSR Info Tech from 21.08.2023 to 26.08.2023(6 days).

  
Co-ordinator

  
Head of the Department

  
Principal

  
**Dr.M.VIJAYAKUMAR ME., Ph.D.,**  
PRINCIPAL  
  
**SASURIE COLLEGE OF ENGINEERING,**  
Vijayamangalam - 638 056, Tirupur (Dt).





**DEPARTMENT OF COMPUTER SCIENCE ENGINEERING**  
**Certificate of Participation**

This is to Certify that Ms.KOWSALYA A, IV/CSE has successfully completed the Value Added Course titled "AI for Business Process Automation" Organized by the Department of Computer Science Engineering in association with IQAC of Sasurie College of Engineering and PSR Info Tech from 21.08.2023 to 26.08.2023(6 days).

  
Coordinator

  
Head of the Department

  
Principal

  
Dr.M.VIJAYAKUMAR ME., Ph.D.,  
PRINCIPAL  
SASURIE COLLEGE OF ENGINEERING,  
Vijayamangalam - 638 056, Tirupur (TN).

### Report on Value Added Course

Title:	Design of Low-cost solar Inverter for Household Use		
Resource Person:	Mr.K.Jagadeesh, Manager, MAS Data Technologies, Coimbatore-641004	Mr.D.Mathesh, CEO, MAS Data Technologies, Coimbatore-641004.	
Date of conduct from:	05.02.2024	To:	10.02.2024
		Duration:	36 Hours
Organized by:	MECHANICAL ENGINEERING and IQAC in association with MAS Data Technologies		
Academic Year:	2023 – 2024	Semester:	EVEN
Participant Year:	II,III,IV Year MECH,CIVIL,ECE,EEE	No.of Students Participated:	23
Venue:	Lecture hall of II & III year MECH,CIVIL,ECE,EEE		

### Outcome of Value Added Course(VAC)

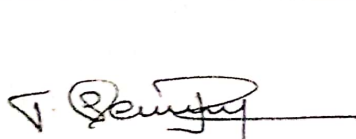
At the end of the Course, Students can be able to

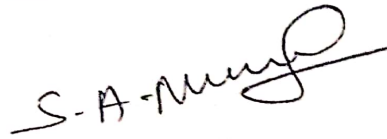
- Ability to design a solar inverter suitable for residential use, focusing on cost and efficiency.
- Knowledge of key power components, such as MOSFETs, IGBTs, and transformers, used in solar inverters.
- Experience in implementing PWM control and MPPT algorithms for optimal energy conversion.
- Proficiency in using simulation tools to model and test inverter designs.
- Ability to troubleshoot and improve inverter designs for maximum cost-effectiveness and efficiency.
- Skills in preparing technical documentation and presenting complex engineering ideas clearly.

### Assessment Process

- Students, who are securing **more than 70% on total score in the VAC test** and secured more than 75% in VAC attendance is eligible to receive the course completion certificate for the VAC attended
- Total Score=(0.5\*Attendance in VAC out of 100 percentage+0.5 \*Test mark in VAC out of 100marks)

No. of students successfully completed the VAC course is **23 Students** based on the above assessment process.

  
 VAC Co-ordinator

  
 HoD/MECH

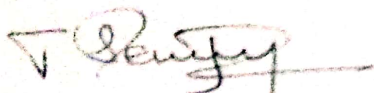
  
 Principal

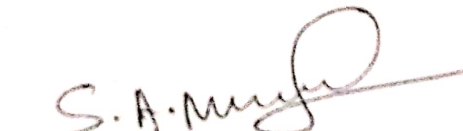
  
**Dr.M.VIJAYAKUMAR ME., Ph.D.,**  
 PRINCIPAL  
 SASURIE COLLEGE OF ENGINEERING,  
 Vijayamangalam - 638 056, Tirupur (Dt).



**DEPARTMENT OF MECHANICAL ENGINEERING**  
**Certificate of Participation**

This is to Certify that Mr.Viswa.S, II/CIVIL has successfully completed the Value Added Course titled "Design of Low-Cost Solar Inverter for Household Use" Organized by the Department of Mechanical Engineering in association with IQAC of Sasurie College of Engineering and MAS Data Technologies from 05.02.2024 to 10.02.2024 (6 days).

  
Co-ordinator

  
Head of the Department

  
Principal

  
Dr.M.VIJAYAKUMAR ME., Ph.D.  
PRINCIPAL  
SASURIE COLLEGE OF ENGINEERING.  
Vijayamangalam - 638 056, Tirupur (Dt).





**DEPARTMENT OF MECHANICAL ENGINEERING**  
**Certificate of Participation**

This is to Certify that Mr.MAYILSAM Y K, II/ECE has successfully completed the Value Added Course titled "Design of Low-Cost Solar Inverter for Household Use" Organized by the Department of Mechanical Engineering in association with IQAC of Sasurie College of Engineering and MAS Data Technologies from 05.02.2024 to 10.02.2024 (6 days).

Co-ordinator

Head of the Department

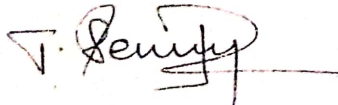
Principal

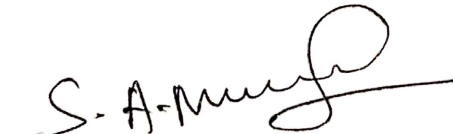
Dr.M.VIJAYAKUMAR ME., Ph.D.  
PRINCIPAL  
SASURIE COLLEGE OF ENGINEERING.  
Vijayamangalam - 638 056, Tirupur (Dt).



**DEPARTMENT OF MECHANICAL ENGINEERING**  
**Certificate of Participation**

This is to Certify that Ms.EMEE.M, II/EEE has successfully completed the Value Added Course titled "Design of Low-Cost Solar Inverter for Household Use" Organized by the Department of Mechanical Engineering in association with IQAC of Sasurie College of Engineering and MAS Data Technologies from 05.02.2024 to 10.02.2024 (6 days).

  
Co-ordinator

  
Head of the Department

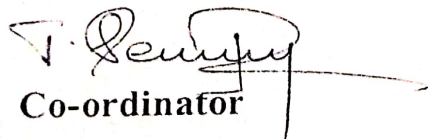
  
Principal

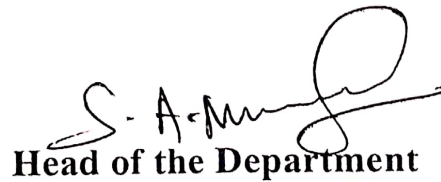
  
Dr.M.VIJAYAKUMAR ME., Ph.D.,  
PRINCIPAL  
SASURIE COLLEGE OF ENGINEERING,  
Vijayamangalam - 638 056, Tirupur (Dt).



**DEPARTMENT OF MECHANICAL ENGINEERING**  
**Certificate of Participation**

This is to Certify that **Mr.Gokul.S, III/ECE** has successfully completed the **Value Added Course** titled **“Design of Low-Cost Solar Inverter for Household Use”** Organized by the **Department of Mechanical Engineering** in association with **IQAC** of **Sasurie College of Engineering** and **MAS Data Technologies** from **05.02.2024 to 10.02.2024 (6 days)**.

  
**Co-ordinator**

  
**Head of the Department**

  
**Principal**

  
**Dr.M.VIJAYAKUMAR ME., Ph.D.,**  
**PRINCIPAL**  
**SASURIE COLLEGE OF ENGINEERING,**  
**Vijayamangalam - 633 056, Tirupur (Dt).**





**DEPARTMENT OF MECHANICAL ENGINEERING**  
**Certificate of Participation**

This is to Certify that **Mr. MANIKKAVEL V, II / MECH** has successfully completed the **Value Added Course** titled  
“**Design of Low-Cost Solar Inverter for Household Use**” Organized by the **Department of Mechanical Engineering** in  
association with **IQAC of Sasurie College of Engineering** and **MAS Data Technologies** from **05.02.2024 to 10.02.2024** (6  
days).

  
Co-ordinator

  
Head of the Department

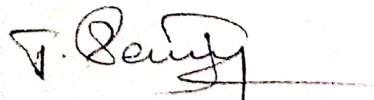
  
Principal

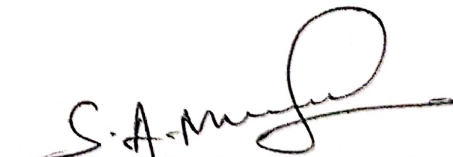
  
**Dr.M.VIJAYAKUMAR ME., Ph.D.,**  
PRINCIPAL  
**SASURIE COLLEGE OF ENGINEERING.**  
Vijayamangalam - 638 056, Tirupur (Dt).



**DEPARTMENT OF MECHANICAL ENGINEERING**  
**Certificate of Participation**

This is to Certify that Mr. **PREMKUMAR Y, IV / MECH** has successfully completed the Value Added Course titled “**Design of Low-Cost Solar Inverter for Household Use**” Organized by the Department of Mechanical Engineering in association with IQAC of Sasurie College of Engineering and MAS Data Technologies from 05.02.2024 to 10.02.2024 (6 days).

  
Co-ordinator

  
Head of the Department

  
Principal

  
Dr.M.VIJAYAKUMAR M.E., Ph.D.,  
PRINCIPAL  
SASURIE COLLEGE OF ENGINEERING,  
Vijayamangalam - 638 056, Tirupur (Dt).



### Report on Value Added Course

Title:	Face Recognition System Using Machine Learning		
Resource Person:	Mr.R.Gopal, Manager, Caliber Embedded Technologies, Salem-636009	Mr.M.ParthiBan, CEO, Caliber Embedded Technologies, Salem-636009.	
Date of conduct from:	28.08.2023	To:	02.09.2023
		Duration:	36 Hours
Organized by:	MECHANICAL ENGINEERING and IQAC in association with Caliber Embedded Technologies		
Academic Year:	2023 – 2024	Semester:	ODD
Participant Year:	II,III,IV Year MECH,CIVIL,ECE,EEE	No.of Students Participated:	23
Venue:	Lecture hall of II & III year MECH,CIVIL,ECE,EEE		

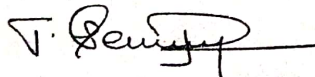
#### Outcome of Value Added Course (VAC)

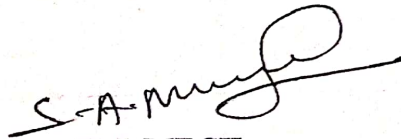
- Design, implement, and optimize a face recognition system from scratch, using machine learning techniques and deep learning models.
- Process and analyze facial images for both detection and recognition tasks, handling variations in facial features, lighting, and pose.
- Evaluate the effectiveness of different face recognition algorithms and select the best approach for a given problem.
- Deploy a face recognition system in real-time applications, ensuring performance, efficiency, and scalability.
- Address ethical concerns and privacy issues related to the use of face recognition systems, and apply mitigation strategies to reduce bias and increase fairness.

#### Assessment Process

- Students, who are securing more than 70% on total score in the VAC test and secured more than 75% in VAC attendance is eligible to receive the course completion certificate for the VAC attended
- Total Score =  $(0.5 * \text{Attendance in VAC out of 100 percentage} + 0.5 * \text{Test mark in VAC out of 100 marks})$


No. of students successfully completed the VAC course is 23 Students based on the above assessment process.

  
 VAC Co-ordinator

  
 HoD/MECH

  
 Principal

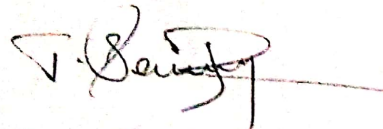
  
**Dr.M.VIJAYAKUMAR ME., Ph.D.,**  
 PRINCIPAL

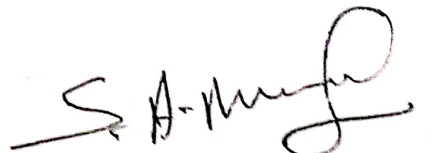

**SASURIE COLLEGE OF ENGINEERING,**  
 Vijayamangalam - 638 056, Tirupur (Dt).



**DEPARTMENT OF MECHANICAL ENGINEERING**  
**Certificate of Participation**

This is to Certify that **Mr.Dharanidharan, II/CIVIL** has successfully completed the Value Added Course titled “Face Recognition System Using Machine Learning” Organized by the Department of Mechanical Engineering in association with IQAC of Sasurie College of Engineering and Caliber Embedded Technologies from 28.08.2023 to 02.09.2023 (6 days).

  
Co-ordinator

  
Head of the Department

  
Principal

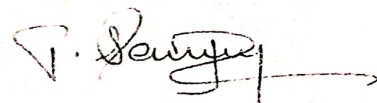
  
**Dr.M.VIJAYAKUMAR** ME., Ph.D.,  
PRINCIPAL  
SASURIE COLLEGE OF ENGINEERING,  
Vijayamangalam - 638 056, Tirupur (Dt).





**DEPARTMENT OF MECHANICAL ENGINEERING**  
**Certificate of Participation**

This is to Certify that Ms.EMEE.M, II/EEE has successfully completed the Value Added Course titled “Face Recognition System Using Machine Learning” Organized by the Department of Mechanical Engineering in association with IQAC of Sasurie College of Engineering and Caliber Embedded Technologies from 28.08.2023 to 02.09.2023 (6 days).

  
Co-ordinator

  
Head of the Department

  
Principal

  
Dr.M.VIJAYAKUMAR ME., Ph.D.,  
PRINCIPAL  
SASURIE COLLEGE OF ENGINEERING.  
Vijayamangalam - 638 056, Tirupur (Dt).



**DEPARTMENT OF MECHANICAL ENGINEERING**  
**Certificate of Participation**

This is to Certify that Mr.HARISH K, II/ECE has successfully completed the Value Added Course titled "Face Recognition System Using Machine Learning" Organized by the Department of Mechanical Engineering in association with IQAC of Sasurie College of Engineering and Caliber Embedded Technologies from 28.08.2023 to 02.09.2023 (6 days).

Co-ordinator

Head of the Department

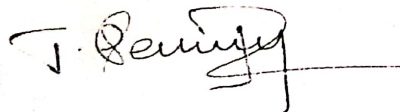
Principal


Dr.M.VIJAYAKUMAR ME., Ph.D.,  
PRINCIPAL  
SASURIE COLLEGE OF ENGINEERING,  
Vijayamangalam - 638 053, Tirupur (Dt).



**DEPARTMENT OF MECHANICAL ENGINEERING**  
**Certificate of Participation**

This is to Certify that Mr. MANIKKAVEL V, II / MECH has successfully completed the Value Added Course titled "Face Recognition System Using Machine Learning" Organized by the Department of Mechanical Engineering in association with IQAC of Sasurie College of Engineering and Caliber Embedded Technologies from 28.08.2023 to 02.09.2023 (6 days).

  
Co-ordinator

  
Head of the Department

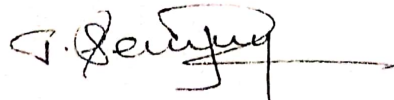
  
Principal


  
Dr. M. VIJAYAKUMAR ME., Ph.D.,  
PRINCIPAL  
SASURIE COLLEGE OF ENGINEERING.  
Vijayamangalam - 638 056, Tirupur (Dt).



**DEPARTMENT OF MECHANICAL ENGINEERING**  
**Certificate of Participation**

This is to Certify that **Mr.Rokesh.P, III/ECE** has successfully completed the **Value Added Course** titled “**Face Recognition System Using Machine Learning**” Organized by the **Department of Mechanical Engineering** in association with **IQAC** of **Sasurie College of Engineering** and **Caliber Embedded Technologies** from **28.08.2023 to 02.09.2023 (6 days)**.

  
Co-ordinator

  
Head of the Department

  
Principal

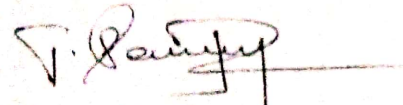
  
**Dr.M.VIJAYAKUMAR** ME., Ph.D.,  
PRINCIPAL  
 **SASURIE COLLEGE OF ENGINEERING.**  
Vijayamangalam - 638 056, Tirupur (Dt).

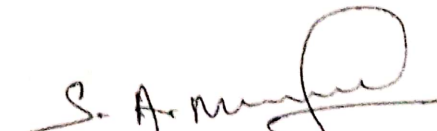




**DEPARTMENT OF MECHANICAL ENGINEERING**  
**Certificate of Participation**

This is to Certify that Mr. **PREMKUMAR Y, IV / MECH** has successfully completed the Value Added Course titled "Face Recognition System Using Machine Learning" Organized by the Department of Mechanical Engineering in association with IQAC of Sasurie College of Engineering and Caliber Embedded Technologies from 28.08.2023 to 02.09.2023 (6 days).




  
**Co-ordinator**

  
**Head of the Department**

  
**Principal**

  
**Dr.M.VIJAYAKUMAR ME., Ph.D.,**  
PRINCIPAL  
 **SASURIE COLLEGE OF ENGINEERING.**  
Vijayamangalam - 638 056, Tirupur (Dt).

### Report on Value Added Course

<b>Report on Value Added Course</b>					
Title:	Value Proposition in Engineering Startups – Business Model for Success				
Resource Person:	Mr.S.Madhan, Incharge, Sakthi Cups Erode-638001		Mr.S.Prakash, Manager, Sakthi Cups Erode-638001.		
Date of conduct from:	26.02.2024	To:	02.03.2024	Duration:	36Hours
Organized by:	MASTER OF BUSINESS ADMINISTRATION and IQAC in association with Sakthi Cups				
Academic Year:	2023 – 2024			Semester:	EVEN
Participant Year:	I,II Year MBA		No.of Students Participated:	74	
Venue:	Lecture hall of I & II year MBA				
<b>Outcome of Value Added Course(VAC)</b>					
<ul style="list-style-type: none"> <li>Identify key elements that make up a strong value proposition (e.g., customer pain points, product benefits, unique selling points).</li> <li>Apply frameworks such as the Value Proposition Canvas to align product offerings with customer desires and expectations.</li> <li>Create and communicate a clear value proposition that effectively addresses customer problems, offers tangible benefits, and differentiates the startup from competitors.</li> <li>Identify and evaluate the components of a successful business model, including customer segments, value proposition, channels, customer relationships, revenue streams, key resources, key activities, key partnerships, and cost structure.</li> <li>Develop a business model that is scalable, flexible, and capable of adapting to changing market dynamics in the engineering industry.</li> </ul>					
<b>Assessment Process</b>					
<ul style="list-style-type: none"> <li>Students, who are securing <b>more than 70% on total score in the VAC test</b> and secured more than 75% in VAC attendance is eligible to receive the course completion certificate for the VAC attended</li> <li>Total Score=(0.5*Attendance in VAC out of 100 percentage+0.5 *Test mark in VAC out of 100marks)</li> </ul>					
No.of students successfully completed the VAC course is <u>74 Students</u> based on the above assessment process.					
 ACC Co-ordinator		 HoD/MBA		 Principal	



DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION  
Certificate of Participation

This is to Certify that Ms.KAVYA N, I/MBA has successfully completed the Value Added Course titled "Value Proposition in Engineering Startups – Business Model for Success" Organized by the Department of Master of Business Administration in association with IQAC of Sasurie College of Engineering and Sakthi Cups from 26.02.2024 to 02.03.2024 (6 days).

  
Co-ordinator

  
Head of the Department

  
Principal

  
Dr.M.VIJAYAKUMAR ME., Ph.D.,  
PRINCIPAL  
SASURIE COLLEGE OF ENGINEERING,  
Vijayamangalam - 638 056, Tirupur (Dt).






DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION  
Certificate of Participation

This is to Certify that Mr.GOWRI SANKAR K, II/MBA has successfully completed the Value Added Course titled "Value Proposition in Engineering Startups – Business Model for Success" Organized by the Department of Master of Business Administration in association with IQAC of Sasurie College of Engineering and Sakthi Cups from 26.02.2024 to 02.03.2024 (6 days).

  
Co-ordinator

  
Head of the Department

  
Principal


  
Dr.M.VIJAYAKUMAR ME., Ph.D.,  
PRINCIPAL  
SASURIE COLLEGE OF ENGINEERING,  
Vijayamangalam - 638 056, Tirupur (Dt).



DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION  
Certificate of Participation

This is to Certify that Mr.CHANDRUPRIYAN T, II/MBA has successfully completed the Value Added Course titled "Value Proposition in Engineering Startups – Business Model for Success" Organized by the Department of Master of Business Administration in association with IQAC of Sasurie College of Engineering and Sakthi Cups from 26.02.2024 to 02.03.2024 (6 days).

  
Coordinator

  
Head of the Department

  
Principal

  
Dr.M.VIJAYAKUMAR ME., Ph.D.,  
PRINCIPAL  
SASURIE COLLEGE OF ENGINEERING,  
Vijayamangalam - 638 056, Tirupur (Dt).





DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION  
Certificate of Participation

This is to Certify that Mr.DAMODHARANT, I/MBA has successfully completed the Value Added Course titled "Value Proposition in Engineering Startups – Business Model for Success" Organized by the Department of Master of Business Administration in association with IQAC of Sasurie College of Engineering and Sakthi Cups from 26.02.2024 to 02.03.2024 (6 days).

  
Co-ordinator

  
Head of the Department

  
Principal

  
Dr.M.VIJAYAKUMAR ME., Ph.D.,  
PRINCIPAL  
SASURIE COLLEGE OF ENGINEERING,  
Vijayamangalam - 638 056, Tirupur (Dt).

### Report on Value Added Course

Title:	Impact of Industry 4.0 on Engineering Product Life Cycle Management				
Resource Person:	Mr.J.Harikaran, Director, Centrio Group of Companies, Madurai-625016		Mr.R.Kamalakaran, Manager, Centrio Group of Companies, Madurai-625016		
Date of conduct from:	09.10.2023	To:	14.10.2023	Duration:	36 Hours
Organized by:	MASTER OF BUSINESS ADMINISTRATION and IQAC in association with Centrio Group of Companies				
Academic Year:	2023 – 2024		Semester:	ODD	
Participant Year:	I,II YearMBA		No.of Students Participated:	77	
Venue:	Lecture hall of I &II Year MBA				

### Out come of Value Added Course(VAC)

At the end of the Course,Students can be able to

- Explain the key principles of Industry 4.0, including IoT (Internet of Things), AI (Artificial Intelligence), Big Data, Cyber-Physical Systems, and Smart Manufacturing.
- Understand the traditional processes involved in each phase of the product life cycle.
- Analyse how Industry 4.0 technologies impact and enhance each stage of the product life cycle.
- Discuss how data-driven insights, automation, and digital twins contribute to optimized design, manufacturing, and maintenance.
- Understand how digital threads and digital twins enable real-time monitoring, rapid prototyping, and design adjustments.

### Assessment Process

- Students, who are securing **more than 70% on total score in the VAC test** and secured more than 75%inVAC attendance is eligible to receive the course completion certificate for the VAC attended
- TotalScore=(0.5\*Attendance inVAC out of100 percentage+0.5 \*Tes mark in VAC out of 100marks)

No.of students successfully completed the VAC course is 77 Students based on the above assessment process.

  
 VAC Co-ordinator

  
 HoD/ MBA

  
 Principal



DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION  
Certificate of Participation

This is to Certify that Ms.SUVEDA P, II/MBA has successfully completed the Value Added Course titled "Impact of Industry 4.0 on Engineering Product Life Cycle Management" Organized by the Department of Master of Business Administration in association with IQAC of Sasurie College of Engineering and Centrio Group of Companies from 09.10.2023 to 14.10.2023 (6 days).

  
Co-ordinator

  
Head of the Department

  
Principal

  
Dr.M.VIJAYAKUMAR ME., Ph.D.,  
PRINCIPAL,  
SASURIE COLLEGE OF ENGINEERING,  
Vijayamangalam - 638 056, Tirupur (Dt).

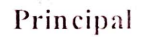


**DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION**  
**Certificate of Participation**

This is to Certify that Ms.NIVEETHA B, I/MBA has successfully completed the Value Added Course titled "Impact of Industry 4.0 on Engineering Product Life Cycle Management" Organized by the Department of Master of Business Administration in association with IQAC of Sasurie College of Engineering and Centrio Group of Companies from 09.10.2023 to 14.10.2023 (6 days).

  
Coordinator

  
Head of the Department

  
Principal

  
Dr.M.VIJAYAKUMAR, ME., Ph.D.,  
PRINCIPAL  
SASURIE COLLEGE OF ENGINEERING,  
Vijayamangalam - 638 056, Tirupur (Dt.)

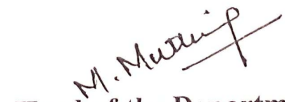




**DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION**  
**Certificate of Participation**

This is to Certify that Mr.BALAKUMAR U, II/MBA has successfully completed the Value Added Course titled "Impact of Industry 4.0 on Engineering Product Life Cycle Management" Organized by the Department of Master of Business Administration in association with IQAC of Sasurie College of Engineering and Centrio Group of Companies from 09.10.2023 to 14.10.2023 (6 days).

  
Co-ordinator

  
Head of the Department

  
Principal

  
**Dr.M.VIJAYAKUMAR** M.E., Ph.D.,  
PRINCIPAL  
SASURIE COLLEGE OF ENGINEERING,  
Vijayamangalam - 638 056, Tirupur (Dt).



DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION  
Certificate of Participation

This is to Certify that Ms.ASIFA RIFANA.M, I/MBA has successfully completed the Value Added Course titled "Impact of Industry 4.0 on Engineering Product Life Cycle Management" Organized by the Department of Master of Business Administration in association with IQAC of Sasurie College of Engineering and Centrio Group of Companies from 09.10.2023 to 14.10.2023 (6 days).

  
Co-ordinator

  
Head of the Department

  
Principal

  
Dr.M.VIJAYAKUMAR M.E., Ph.D.,  
PRINCIPAL  
SASURIE COLLEGE OF ENGINEERING,  
Vijayamangalam - 638 056, Tirupur (Dt.)

### Report on Value Added Course

Title:	Water Quality Testing and Pollution Analysis				
Resource Person:	Mr.P.Manikandan, Training Centre Incharge, Southern Scientific Instruments, Chennai-600077		Mrs.K.LakshmiPriya Training Centre Incharge, Southern Scientific Instruments, Chennai-600077.		
Date of conduct from:	16.10.2023	To:	21.10.2023	Duration:	36Hours
Organized by:	S&H and IQAC in association with Southern Scientific Instruments				
Academic Year:	2023 – 2024		Semester:	ODD	
Participant Year:	I Year S&H		No.of Students Participated:	125	
Venue:	Lecture hall of I Year S&H				

### Outcome of Value Added Course(VAC)

At the end of the Course, Students can be able to

- Recognize the significance of water quality in maintaining public health, ecosystems, and the environment.
- Identify the main pollutants affecting water sources and their sources (e.g., industrial waste, agricultural runoff, sewage).
- Perform basic water quality tests for parameters such as pH, dissolved oxygen (DO), biochemical oxygen demand (BOD), chemical oxygen demand (COD), turbidity, and total dissolved solids (TDS).
- Use testing equipment such as DO meters, turbidity meters, and spectroph.
- Understand how pollutants affect aquatic ecosystems, human health, and water treatment processes.
- Analyze water quality test results and interpret the data in terms of safety for human consumption, ecosystem health, and environmental sustainability.

### Assessment Process

- Students, who are securing more than 70% on total score in the VAC test and secured more than 75% in VAC attendance is eligible to receive the course completion certificate for the VAC attended
- Total Score =  $(0.5 * \text{Attendance in VAC out of 100 percentage} + 0.5 * \text{Test mark in VAC out of 100 marks})$

No. of students successfully completed the VAC course is **125 Students** based on the above assessment process.

  
 VAC Co-ordinator

  
 HoD/S&H

  
 Principal


**Dr.M.VIJAYAKUMAR ME., Ph.D.,**  
 PRINCIPAL  
 SASURIE COLLEGE OF ENGINEERING,  
 Vijayamangalam - 638 056, Tirupur (Dt).



DEPARTMENT OF SCIENCE AND HUMANITIES

Certificate of Participation

This is to Certify that **Mr.Pradeep. V, I/MECH** has successfully completed the **Value Added Course** titled “**Water Quality Testing and Pollution Analysis**” Organized by the **Department of Science & Humanities** in association with IQAC of Sasurie College of Engineering and **Southern Scientific Instruments** from **16.10.2023 to 21.10.2023 (6 days)**.

*M. Raj*  
Co-ordinator

*M. B. V*  
Head of the Department

*M. V. K.*  
Principal

*M. V. K.*  
**Dr.M.VIJAYAKUMAR ME., Ph.D.**  
PRINCIPAL  
SASURIE COLLEGE OF ENGINEERING.  
Vijayamangalam - 640 033, Tiruppur (TN)





DEPARTMENT OF SCIENCE AND HUMANITIES


Certificate of Participation

This is to Certify that Ms.Gayathri.S, U/AIDS has successfully completed the Value Added Course titled "Water Quality Testing and Pollution Analysis" Organized by the Department of Science & Humanities in association with IQAC of Sasurie College of Engineering and Southern Scientific Instruments from 16.10.2023 to 21.10.2023 (6 days).

*M.R.*  
Co-ordinator

*M. G. R.*  
Head of the Department

*M. V. K.*  
Principal

 **Dr.M.VIJAYAKUMAR ME., Ph.D.**  
PRINCIPAL  
SASURIE COLLEGE OF ENGINEERING,  
Vijayamangalam - 638 056, Tiruppur (Dt).



DEPARTMENT OF SCIENCE AND HUMANITIES

Certificate of Participation

This is to Certify that **Mr.Dharanivel.R, IIT** has successfully completed the **Value Added Course** titled **“Water Quality Testing and Pollution Analysis”** Organized by the **Department of Science & Humanities** in association with IQAC of Sasurie College of Engineering and Southern Scientific Instruments from **16.10.2023 to 21.10.2023 (6 days)**.

*M. Raj*  
Co-ordinator

*H. G. J.*  
Head of the Department

*M. V. K.*  
Principal

*M. V. K.*  
**Dr.M.VIJAYAKUMAR ME., Ph.D.**  
PRINCIPAL  
SASURIE COLLEGE OF ENGINEERING,  
Vijayamangalam - 638 056, Tirupur (Dt).



DEPARTMENT OF SCIENCE AND HUMANITIES

Certificate of Participation

This is to Certify that **Mr.Ajmeer Kaja. S, I/ECE** has successfully completed the **Value Added Course** titled **“Water Quality Testing and Pollution Analysis”** Organized by the **Department of Science & Humanities** in association with **IQAC** of Sasurie College of Engineering and Southern Scientific Instruments from **16.10.2023 to 21.10.2023 (6 days)**.

*M.Rp*  
Co-ordinator

*M. Eyer*  
Head of the Department

*M.V.*  
Principal


*M.V.*  
**Dr.M.VIJAYAKUMAR ME., Ph.D.**  
PRINCIPAL  
SASURIE COLLEGE OF ENGINEERING.  
Vijayamangalam - 639 056, Tirupur (Dt).



DEPARTMENT OF SCIENCE AND HUMANITIES

Certificate of Participation

This is to Certify that **Mr.Rajarethinam. M, I/EEE** has successfully completed the **Value Added Course** titled "**Water Quality Testing and Pollution Analysis**" Organized by the **Department of Science & Humanities** in association with **IQAC** of Sasurie College of Engineering and Southern Scientific Instruments from **16.10.2023 to 21.10.2023 (6 days)**.

  
Co-ordinator

  
Head of the Department

  
Principal

  
**Dr.M.VIJAYAKUMAR ME., Ph.D.,**  
PRINCIPAL  
**SASURIE COLLEGE OF ENGINEERING.**  
Vijayamangalam - 639 055. Tirupur (Dt)






DEPARTMENT OF SCIENCE AND HUMANITIES


Certificate of Participation

This is to Certify that **Mr.Gunaseelan. R. ICSE(CS)** has successfully completed the **Water Analysis Course** under **"Water Quality Testing and Pollution Analysis"** Organized by the Department of Science & Humanities in association with IQAC of Sasurie College of Engineering and Southern Scientific Instruments from **16.10.2023 to 21.10.2023 (6 days)**.

  
Co-ordinator

  
Head of the Department

  
Principal

  
**Dr.M.VIJAYAKUMAR ME., Ph.D.**  
PRINCIPAL  
SASURIE COLLEGE OF ENGINEERING.  
Vijaynagar - 643 002 Tirupur, (TN).



DEPARTMENT OF SCIENCE AND HUMANITIES

Certificate of Participation

This is to Certify that **Ms.Asvika. S, I/CSE** has successfully completed the **Value Added Course** titled **"Water Quality Testing and Pollution Analysis"** Organized by the **Department of Science & Humanities** in association with IQAC of Sasurie College of Engineering and Southern Scientific Instruments from 16.10.2023 to 21.10.2023 (6 days).

*M.Pf*  
Co-ordinator

*H.Ge*  
Head of the Department

*M*  
Principal

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

SASURIE COLLEGE OF ENGINEERING.

Vijayamangalam - 686655, Thrissur, ICA



DEPARTMENT OF SCIENCE AND HUMANITIES

Certificate of Participation

This is to Certify that Mr.Sujan. A, I/CIVIL has successfully completed the Value Added Course titled "Water Quality Testing and Pollution Analysis" Organized by the Department of Science & Humanities in association with IQAC of Sasurie College of Engineering and Southern Scientific Instruments from 16.10.2023 to 21.10.2023 (6 days).

*M. Rf*  
Co-ordinator

*M. Gje*  
Head of the Department

*M. V*  
Principal

*M. V*  
Dr.M.VIJAYAKUMAR ME., Ph.D.,  
PRINCIPAL  
SASURIE COLLEGE OF ENGINEERING,  
Vijayamangalam - 638 056, Tiruppur Dt.

### Report on Value Added Course

Title:	Design & Testing of Bio Degradable Plastics in Chemistry				
Resource Person:	Mr.M.Kalaiyazhagan, Training Incharge, ETS Academy, Erode-638001		Mr.M.Manikandan, Manager, ETS Academy, Erode-638001		
Date of conduct from:	11.03.2024	To:	16.03.2024	Duration:	36 Hours
Organized by:	S&H and IQAC in association with Southern Scientific Instruments				
Academic Year:	2023 – 2024			Semester:	EVEN
Participant Year:	I Year S&H			No.of Students Participated:	125
Venue:	Lecture hall of I Year S&H				

### Outcome of Value Added Course (VAC)

At the end of the Course, Students can be able to

- Recognize the significance of water quality in maintaining public health, ecosystems, and the environment.
- Identify the main pollutants affecting water sources and their sources (e.g., industrial waste, agricultural runoff, sewage).
- Perform basic water quality tests for parameters such as pH, dissolved oxygen (DO), biochemical oxygen demand (BOD), chemical oxygen demand (COD), turbidity, and total dissolved solids (TDS).
- Use testing equipment such as DO meters, turbidity meters, and spectroph.
- Understand how pollutants affect aquatic ecosystems, human health, and water treatment processes.
- Analyze water quality test results and interpret the data in terms of safety for human consumption, ecosystem health, and environmental sustainability.

### Assessment Process

- Students, who are securing more than 70% on total score in the VAC test and secured more than 75% in VAC attendance is eligible to receive the course completion certificate for the VAC attended
- Total Score =  $(0.5 * \text{Attendance in VAC out of 100 percentage} + 0.5 * \text{Test mark in VAC out of 100 marks})$

No. of students successfully completed the VAC course is 125 Students based on the above assessment process.

*M. Raj*  
VAC Co-ordinator

*M. G. J.*  
HoD/S&H

*M. V. K.*  
Principal

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





DEPARTMENT OF SCIENCE AND HUMANITIES

**Certificate of Participation**

This is to Certify that Ms.Monika.M, I/AIDS has successfully completed the Value Added Course titled "Design & Testing Of Bio Degradable Plastics In Chemistry" Organized by the Department of Science & Humanities in association with IQAC of Sasurie College of Engineering and ETS Academy from 11.03.2024 to 16.03.2024 (6 days).

*M.Pf*  
Co-ordinator

*M.Pf*  
Head of the Department

*M.Pf*  
Principal

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

SASURIE COLLEGE OF ENGINEERING,  
Vijayamangalam - 639 055, Tiruppur (Dt).



DEPARTMENT OF SCIENCE AND HUMANITIES

Certificate of Participation

This is to Certify that Mr. Shammugam, A, /IEEE has successfully completed the Value Added Course titled "Design & Testing Of Bio Degradable Plastics In Chemistry" Organized by the Department of Science & Humanities in association with IQAC of Sasurie College of Engineering and ETS Academy from 11.03.2024 to 16.03.2024 (6 days).

*M. D. P.*  
Co-ordinator

*H. B. P.*  
Head of the Department

*M. V.*  
Principal

*M. V.*  
Dr. M. VIJAYAKUMAR ME., Ph.D.,  
PRINCIPAL  
SASURIE COLLEGE OF ENGINEERING,  
Vijayamangalam - 638 056, Tirupur (Dt)



DEPARTMENT OF SCIENCE AND HUMANITIES

**Certificate of Participation**

This is to Certify that Mr.Danush.S, I/IT has successfully completed the Value Added Course titled "Design & Testing Of Bio Degradable Plastics In Chemistry" Organized by the Department of Science & Humanities in association with IQAC of Sasurie College of Engineering and ETS Academy from 11.03.2024 to 16.03.2024 (6 days).

*M. Raj*  
Co-ordinator

*H. G. R.*  
Head of the Department

*M. V. K.*  
Principal

*M. V. K.*  
Dr.M.VIJAYAKUMAR ME., Ph.D.  
PRINCIPAL  
SASURIE COLLEGE OF ENGINEERING  
Vijayamangalam - 638 056, Tirupur (Dt).



DEPARTMENT OF SCIENCE AND HUMANITIES

**Certificate of Participation**

This is to Certify that Ms.Miruthula. N, I/MECH has successfully completed the Value Added Course titled "Design & Testing Of Bio Degradable Plastics In Chemistry" Organized by the Department of Science & Humanities in association with IQAC of Sasurie College of Engineering and ETS Academy from 11.03.2024 to 16.03.2024 (6 days).

  
Co-ordinator

  
Head of the Department

  
Principal

  
Dr.M.VIJAYAKUMAR ME., Ph.D.,  
PRINCIPAL  
SASURIE COLLEGE OF ENGINEERING,  
Vijayamangalam - 638 056, Tirupur (Dt).





DEPARTMENT OF SCIENCE AND HUMANITIES


Certificate of Participation

This is to Certify that Mr.Balaji. M, I/ECE has successfully completed the Value Added Course titled "Design & Testing Of Bio Degradable Plastics In Chemistry" Organized by the Department of Science & Humanities in association with IQAC of Sasurie College of Engineering and ETS Academy from 11.03.2024 to 16.03.2024 (6 days).

  
Co-ordinator

  
Head of the Department

  
Principal

  
Dr. M. VIJAYAKUMAR M.E., Ph.D.  
PRINCIPAL  
SASURIE COLLEGE OF ENGINEERING,  
Vijayamangalam - 638 058, Tirupur (Dt).



DEPARTMENT OF SCIENCE AND HUMANITIES

Certificate of Participation

This is to Certify that Ms.Pragalya. P, I/CSE(CS) has successfully completed the Value Added Course titled "Design & Testing Of Bio Degradable Plasties In Chemistry" Organized by the Department of Science & Humanities in association with IQAC of Sasurie College of Engineering and ETS Academy from 11.03.2024 to 16.03.2024 (6 days).

M.Pp.  
Co-ordinator

H. Bje  
Head of the Department

  
Principal

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

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



DEPARTMENT OF SCIENCE AND HUMANITIES

Certificate of Participation

This is to Certify that Mr.Elavarasan. R, I/CSE has successfully completed the Value Added Course titled "Design & Testing Of Bio Degradable Plastics In Chemistry" Organized by the Department of Science & Humanities in association with IQAC of Sasurie College of Engineering and ETS Academy from 11.03.2024 to 16.03.2024 (6 days).

M.Rf  
Co-ordinator

H. Gf  
Head of the Department

Mf  
Principal

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

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



DEPARTMENT OF SCIENCE AND HUMANITIES

Certificate of Participation

This is to Certify that Mr.Sujan. A, I/CIVIL has successfully completed the Value Added Course titled "Design & Testing Of Bio Degradable Plastics In Chemistry" Organized by the Department of Science & Humanities in association with IQAC of Sasurie College of Engineering and ETS Academy from 11.03.2024 to 16.03.2024 (6 days).

*M. Raj*  
Co-ordinator

*H. B. J.*  
Head of the Department

*[Signature]*  
Principal

*[Signature]*  
/ Dr.M.VIJAYAKUMAR ME., Ph.D.  
PRINCIPAL  
SASURIE COLLEGE OF ENGINEERING.  
Vijayamangalam - 638 056, Tiruppur (Dt)