



Sanjivani Rural Educational Society's

# SANJIVANI COLLEGE OF ENGINEERING

(An Autonomous Institute)

Approved by AICTE, Accredited by NAAC with 'A' Grade, ISO 9001: 2015 Certified  
No. FMS. 45/B-II/RC(BB)/93/14136 Dt. 17-1-1994

Affiliation ID No.  
PU/AN/Engg. 026/(1983)

Phone: +91 9130191301

Website: [www.sanjivanicoe.org.in](http://www.sanjivanicoe.org.in)

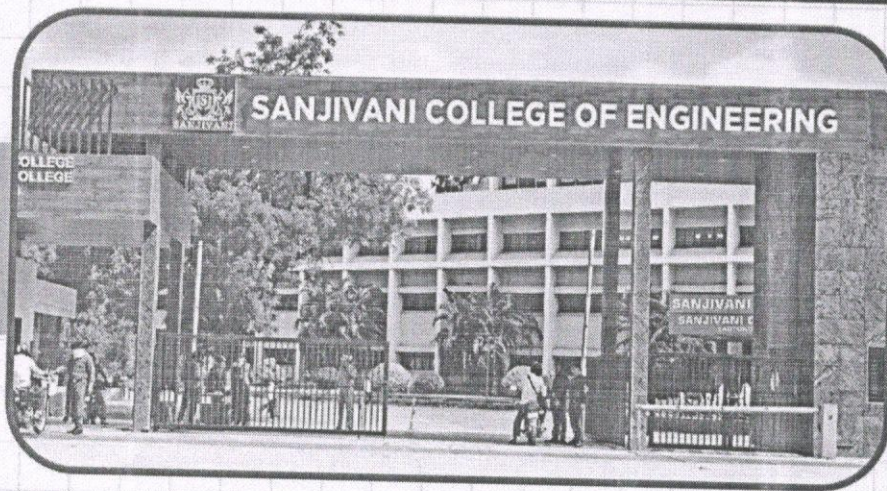
E-mail: [principalcoe@sanjivani.org.in](mailto:principalcoe@sanjivani.org.in)

## VISION

To Develop World Class Professionals through Quality Education.

## MISSION

To create Academic Excellence in the field of Engineering and Management through Education, Training and Research to improve quality of life of people.



INTERNAL QUALITY ASSURANCE CELL (IQAC)

ACADEMIC AND ADMINISTRATIVE AUDIT  
(AAA) BY EXTERNAL EXPERTS

AAA AUDIT REPORT  
Academic Year : 2023-24





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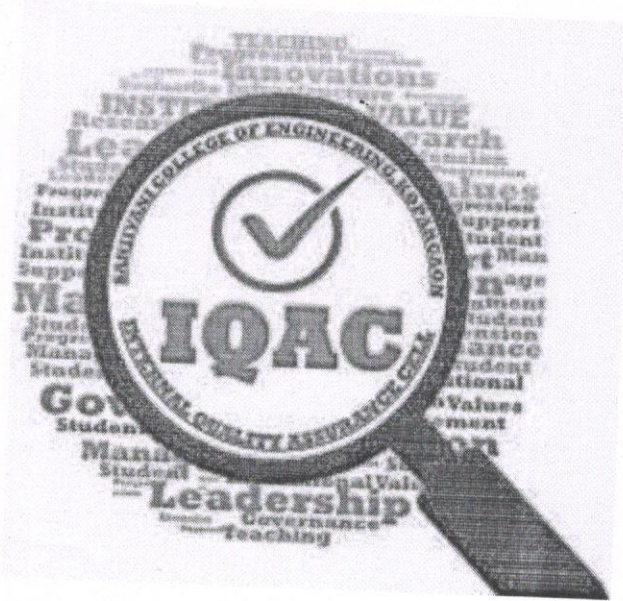
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## INTERNAL QUALITY ASSURANCE CELL (IQAC)



### Academic and Administrative (AAA) Audit Report

Academic Year: 2023-24

EXTERNAL EXPERT'S



**Audit Member 1 :**

**Dr. Gopinath S**, Professor & Electrical Engineering, Annasaheb Dange College of Engineering and Technology (ADCET), Ashta, Maharashtra - 416301, Phone: 984206440, Email ID: [gs\\_ele@adcet.in](mailto:gs_ele@adcet.in)

**Audit Member 2 :**

**Dr. Sendhil Kumar S**, Professor, Aeronautical engineering, Annasaheb Dange College of Engineering and Technology (ADCET), Ashta, Maharashtra - 416301, Phone: 9486172845, Email ID: [ssk\\_aero@adcet.in](mailto:ssk_aero@adcet.in)

**Audit Member 2 :**

**Dr. Balakrishanan K**, Professor, Electrical engineering, Annasaheb Dange College of Engineering and Technology (ADCET), Ashta, Maharashtra - 416301, Phone: 9442740327, Email ID: [kb\\_ele@adcet.in](mailto:kb_ele@adcet.in)



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ACADEMIC AUDIT (2023-24)

ODD & EVEN SEMESTER

## INTRODUCTION

The Academic Audit was conducted on 30.08.2024 and 31.08.2024 for the Academic Year (2023-24). The Audit was conducted to provide an opportunity for a regular Strategic Review of Teaching and Learning activities of the Departments. The department document was presented by the Heads of Department to the Auditor. The Auditor has gone through the documents provided by the Departments and verified based on the Standard Check List (Questionnaires). The Consolidated Report was prepared based on the findings of the Auditor, the Suggestions for Improvement and Action Taken Report is given in the following sections.



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SRES/ESTT/2023/1542


23.08.2024

## OFFICE ORDER

As per the discussion held in the Review meeting of AAA Audit in Mechanical seminar hall, all HODs and NBA coordinators are hereby informed that the audit of Academic and Administrative documents for the Academic year 2023-24 is scheduled as per the following. All Heads and Respective in-charges are informed to show all the records to Auditors. At the end of Audit, Auditors are requested to submit the Audit report to the IQAC Coordinator according to the specified format.

Sl. No.	Name of the Department	Name of the Auditors	Date
1.	Civil Engineering	Dr. Gopinath S Dr. N. S. Najk	30.08.2024 (FN)
2.	Mechanical Engineering	Dr. Sendhil Kumar S Dr. R A Kapgate (Prof. & Head Mectrx)	30.08.2024 (FN)
3.	Computer Engineering	Dr. Sendhil Kumar S Dr. M A Jawale (Prof. & Head IT)	30.08.2024 (AN)
4.	Electrical Engineering	Dr. Gopinath S Dr. B S Agarkar (Prof. & Head ECE)	30.08.2024 (AN)
5.	Electronics and Computer Engineering	Dr. Balakrishanan K Dr. D B Pardeshi (Prof. & Head EE)	30.08.2024 (FN)
6.	Mechatronics Engineering	Dr. Sendhil Kumar S Dr. P.M.Patare (Prof. & Head ME)	31.08.2024 (FN)
7.	Information Technology	Dr. Balakrishanan K Dr. D B Kshirsagar (Prof. & Head CE)	30.08.2024 (AN)
8.	Structural Engineering	Dr. Balakrishanan K Dr. C.L.Jejurkar (Prof. & Head Civil)	31.08.2024 (FN)
9.	MBA	Dr. Gopinath S Dr. B R Shiñde (Prof. & Head ES)	31.08.2024 (FN)
10.	S&H	Dr. Gopinath S Dr. B R Shiñde (Prof. & Head ES)	31.08.2024 (AN)

Note: All auditors are instructed to perform the audit of each and every files. The course file audit is not on sampling basis. Submit the detailed report to the undersigned on the next day of the audit with the signature of the auditors.

  
Dr. A. G. Thakur  
Director

Director  
Sanjivani College of Engineering  
Kopergaon

Copy to  
All Hod's,  
IQAC,  
Dean Academics,  
Corporate office



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## LISTS OF FILES AUDITED

- | S.No | Parameters   |
|------|--|
| 1.   | Academic Audit Report of the past visits   |
| 2.   | Vision, Mission, PEOs, POs/PSOs of the Department, Academic Calendar CAY                           |
| 3.   | Students Performance   |
| 4.   | Percentage of new courses introduced of the total number of courses across the programs/Department |
| 5.   | Department BOS meeting   |
| 6.   | Feedback on Curriculum   |
| 7.   | Programme Organized in the Dept.   |
| 8.   | Department Newsletter  |
| 9.   | Department Review Meeting  |
| 10.  | Department Budget Allocation, Utilization  |
| 11.  | List of Laboratories and Equipment's   |
| 12.  | Initiatives related to industry interaction  |
| 13.  | Record of Centre of Excellence and MoU's Signed  |
| 14.  | Major, Minor Research Projects, Sponsored Projects and Consultancy                                 |
| 15.  | Department Library   |
| 16.  | Department Future Plan   |
| 17.  | Record of Teaching faculty   |
| 18.  | Research Paper Publications in standard journals   |
| 19.  | Record of Books Publication, Book Chapters, Copyrights and Patents                                 |
| 20.  | Faculty Awards and Recognition   |
| 21.  | Faculty as participants in Faculty development/training activities/STTPs                           |
| 22.  | Guest Lectures delivered by Faculty  |
| 23.  | Innovations by the Faculty in Teaching and Learning  |
| 24.  | Faculty Outreach   |
| 25.  | Online Certification Courses   |
| 26.  | Student Participation and awards won in technical events at State /National level                  |
| 27.  | Student Participation and awards in sports activities/events in State/National level               |
| 28.  | Student Participation and awards in Cultural, literary activities/events in State/National level   |
| 29.  | Online Certification Courses   |
| 30.  | Class Time table, Individual time table, Master time table and Load Distribution                   |
| 31.  | Course file (Theory)   |
| 32.  | Course file (Laboratory) <i>(Please verify as per the Check List)</i>                              |
| 33.  | Student feedback of Teaching Learning Process and actions taken (Faculty)                          |
| 34.  | Quality of student projects  |
| 35.  | Class Advisor Files  |
| 36.  | Remedial Classes for slow learner  |
| 37.  | Initiatives related to industry internship/summer training   |
| 38.  | Placement Ratio $(P+H+E/N * 100)$  |
| 39.  | Mentoring system that has been developed for the students for various purposes                     |
| 40.  | Alumni Interaction Details / Prominent alumni list   |
| 41.  | Parents Meeting and Feedback <i>(Please verify the Proof)</i>                                      |





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(The Activities are to be rated on 5 point scale)

Excellent	Very Good	Good	Satisfactory	Poor
4	3	2	1	0
81-100% of Documents are available	61-80% of Documents are available	41- 60% Documents are available	21- 40% Documents are available	< 20% Documents are available

## SUMMARY OF THE ACADEMIC AUDIT (AAA) – DEPARTMENT WISE

Department	Category (Number of files graded as)					Percentage of Deviation (Out of 41 files)
	Excellent	Very Good	Good	Satisfactory	Poor	
	4 81-100%	3 61-80%	2 41 - 60%	1 21 - 40%	0 < 20%	
IT	11	15	10	5	0	--
CSE	8	14	14	4	1	2.43
Mech	11	14	11	3	2	4.88
Mechatronics	9	14	13	3	2	4.88
Civil	11	15	10	5	0	--
Structural	8	14	14	4	1	2.43
ECE	10	12	14	4	1	2.43
EE	13	12	11	3	2	4.88
MBA	15	14	9	2	1	2.43
S&H(31)	10	15	3	3	0	2.43
<b>Total (400)</b>	<b>106</b>	<b>139</b>	<b>109</b>	<b>36</b>	<b>10</b>	<b>2.5</b>

From the tabulation its observed that, out of 400 files 10 files are recommended to update for quality enhancement of the institution.





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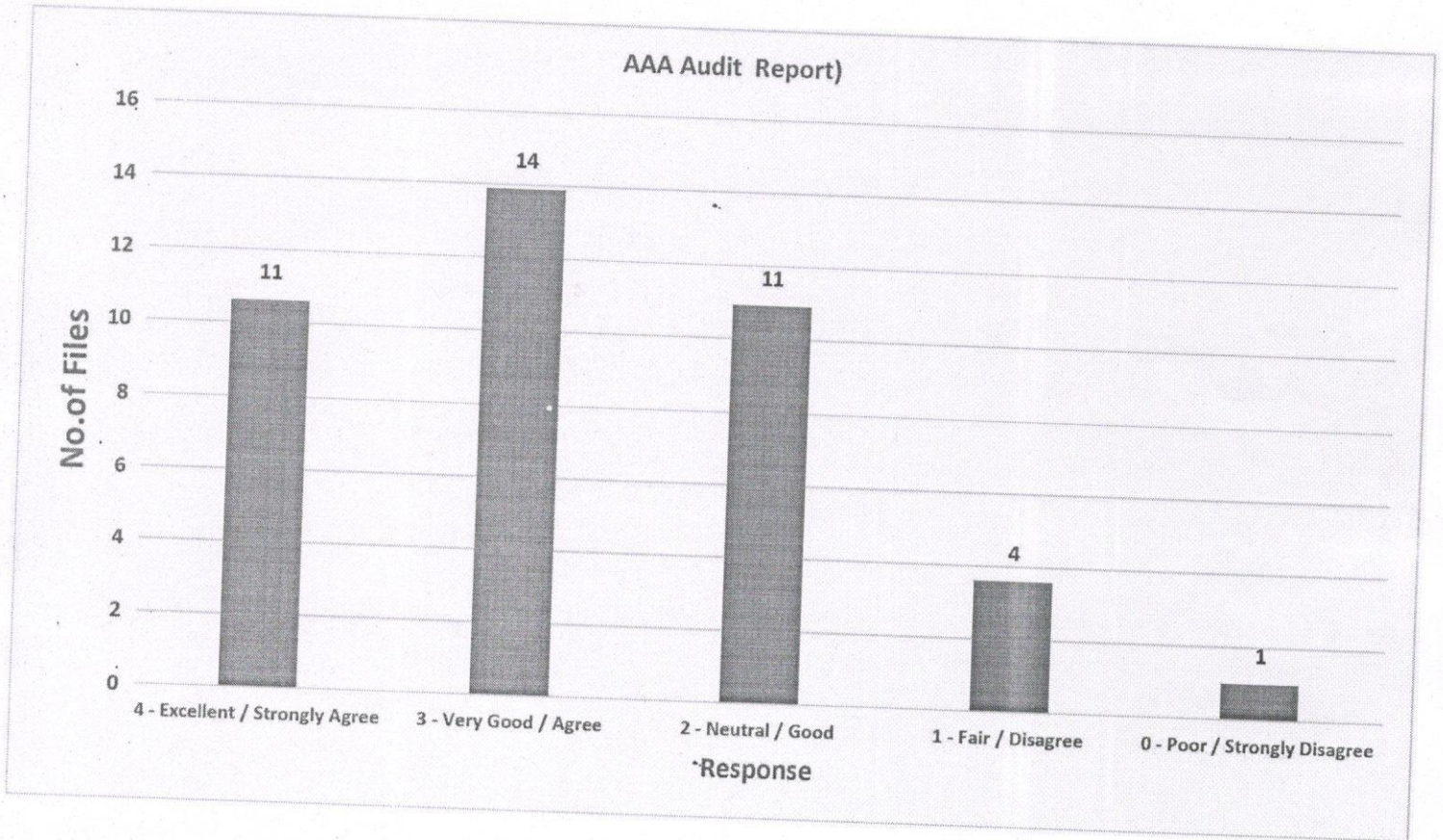


Figure 1

Figure 1 describes the average auditor report of the all the department for teaching learning process and administrative activities for the academic year 2023-24, it was observed that **88.50 %** parameters / questionnaire have satisfied whereas **11.5 %** questionnaire have dissatisfied. The average dissatisfaction percent are less than 15 %, Since the percentage of dissatisfied files are below 15 %, there are no actions needed. Therefore, it is recommended that institute should have very good documentation to satisfy any accreditation committee.

**Note: All HoD are informed to take action plan / initiatives for their respective parameters , If any suggestion given by the external Auditors**

### Overall Assessment:

- Files are maintained and documented uniformly in all department
- More number of student activities are conducted as per plan
- Patents are filed/published by the Faculty Members
- NPTEL Certifications are received by both Faculty and Students
- Consultancy activities are available in few departments
- Faculty publications in reputed journals are less





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### Suggestion:

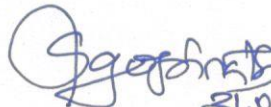
- All faculty should be encouraged for research fundings and publications in reputed journals
- Conduct academic and outreach activities as per NEP 2020
- Skill Development Courses should focus on industry requirements
- Industry Linked Laboratories should be planned for all departments
- Consultancy activities need to be done in all departments
- MoU's should focus with outcomes

### Action Taken:

- Teaching Learning has enhanced through Activity Based Learning
- Identified industries for students Internships, Implant Training and Industrial Visits
- Faculty Visit to Industries/Institutions and Faculty Guest Talks are Improved
- Additional Industry Linked Laboratories are initiated
- Academic and Outreach activities are conducted with respect to NEP 2020



Auditors  
Signature :

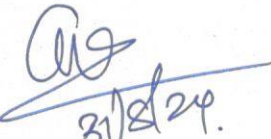
1.   
31.08.24

3.   
31.08.24

2.   
31/8/24

IQAC

Co-  
Ordinator  
Signature

: :   
31/8/24

IQAC

Chairperson  
Signature

  
Director  
Sanjivani College of Engineering  
Kopergaon





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Kopergaon - 423 603, Maharashtra.



**INTERNAL QUALITY ASSURANCE CELL (IQAC)**  
**Academic And Administrative Audit - Check List (AAA)**  
**ACADEMIC YEAR: 2023-24**

**Department: Electronics and Computer Engineering**

Name of the Auditor

**1: Dr. Balakrishanan K, Professor**

Department of Electrical engineering,  
Annasaheb Dange College of Engineering and  
Technology (ADCET), Ashta, Maharashtra

Name of the Auditor

**2: Dr. D B Pardeshi (Prof. & Head EE)**

Date of Audit

**: 30.08.2024**

Sl. No.	Parameters / Questionaries / List of files	Availability of the parameters
1.	Academic Audit Report of the past visits	✓
2.	Vision, Mission, PEOs, POs/PSOs of the Department, Academic Calendar CAY	✓
3.	Students Performance	✓
4.	Percentage of new courses introduced of the total number of courses across the programs/Department	✓
5.	Department BOS meeting	✓
6.	Feedback on Curriculum	✓
7.	Programme Organized in the Dept.	✓
8.	Department Newsletter	✓
9.	Department Review Meeting	✓
10.	Department Budget Allocation, Utilization	✓
11.	List of Laboratories and Equipment's	✓
12.	Initiatives related to industry interaction	✓
13.	Record of Centre of Excellence and MoU's Signed	✓
14.	Major, Minor Research Projects, Sponsored Projects and Consultancy	✓
15.	Department Library	✓
16.	Department Future Plan	✓
17.	Record of Teaching faculty	✓
18.	Research Paper Publications in standard journals	✓
19.	Record of Books Publication, Book Chapters, Copyrights and Patents	✓
20.	Faculty Awards and Recognition	✓
21.	Faculty as participants in Faculty development/training activities/STTPs	✓
22.	Guest Lectures delivered by Faculty	✓
23.	Innovations by the Faculty in Teaching and Learning	✓
24.	Faculty Outreach	✓





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25.	Online Certification Courses	✓
26.	Student Participation & awards won in technical events at State /National level	✓
27.	Student Participation & awards in sports activities in State/National level	✓
28.	Student Participation & awards in Cultural, activities in State/National level	✓
29.	Online Certification Courses	✓
30.	Class Time table, Individual time table, Master time table & Load Distribution	✓
31.	Course file (Theory)	✓
32.	Course file (Laboratory)	✓
33.	Student feedback of Teaching Learning Process and actions taken (Faculty)	✓
34.	Quality of student projects	✓
35.	Class Advisor Files	✓
36.	Remedial Classes for slow learner	✓
37.	Initiatives related to industry internship/summer training	✓
38.	Placement Ratio (P+H+E/N * 100)	✓
39.	Mentoring system that has been developed for the students for various purposes	✓
40.	Alumni Interaction Details / Prominent alumni list	✓
41.	Parents Meeting and Feedback (Please verify the Proof)	✓



If any specific suggestions (Appreciation or To improve further)	<i>Recommended that department have very good documentation</i>
---	---

Auditors  
 Signature : 1. *Balabharan*  
 30.08.24

2. *DBPA*

IQAC  
 Co-  
 Ordinator  
 Signature : *AG*  
 30/8/24

IQAC  
 Chairperson  
 Signature

*[Signature]*  
 Director

Sanjivani College of Engineering  
 Kopergaon