Sanjivani Rural Educational Society's

SANJIVANI COLLEGE OF ENGINEERING

(An Autonomous Institution)

(Approved by AICTE, New Delhi, Accredited by NBA, Accredited 'A' Grade by NAAC & Affiliated to SPPU University)

Kopargaon – 423 603, Maharashtra.

INTERNAL QUALITYASSURANCE CELL
(IQAC)

REPORT ON ACADEMIC AUDIT & ACTION TAKEN
ACADEMIC YEAR: (2022-23)

ACADEMIC AUDIT (2022-23)

ODD & EVEN SEMESTER

INTRODUCTION

The Academic Audit was conducted on 02.11.2023 and 04.11.2023 for the Academic Year (2022-23). 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.

SRES/ESTT/2023/1364   **October 3, 2023**

Office Order

As per the discussion held in the Review meeting of AAA Audit in Mechanical seminar hall(27.09.2023), all HODs and NBA coordinators are hereby informed that the audit of Academic documents for the Academic year 2022-23 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 given format (AAC Form1&Form2) / DECOAR Theory/Lab).

Sl. No.	Name of the Department	Name of the Auditors	Date
1.	Civil Engineering	Dr. A S Sayyad (Prof. & Head SE) Dr. N. S. Naik	03.11.2023
2.	Mechanical Engineering	Dr. R A Kapgate (Prof. & Head Mectrx) Mr Sidhant Kulkarni	03.11.2023
3.	Computer Engineering	Dr. M A Jawale (Prof. & Head IT) Mr. A. A. Barbind	03.11.2023
4.	Electrical Engineering	Dr. B S Agarkar (Prof. & Head ECE) Dr. S. George	03.11.2023
5.	Electronics and Computer Engineering	Dr. D B Pardeshi (Prof. & Head EE) Dr. G Vijayakumar	02.11.2023
6.	Mechatronics Engineering	Dr. P.M.Patare (Prof. & Head ME) Dr. L. S. Dhamande	02.11.2023
7.	Information Technology	Dr. D B Kshirsagar (Prof. & Head CE) Mr. Shivarkar	02.11.2023
8.	Structural Engineering	Dr. C.L.Jejurkar (Prof. & Head Civil) Dr. S. V. Patankar	02.11.2023
9.	MBA	Dr. B R Shinde (Prof. & Head ES) Dr. S R Dhanwate	02.11.2023
10.	Engineering science	Dr. S P Ghodake (Prof. & Head MBA) Dr K Meenakshi	03.11.2023

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

Copy to   All Hod's   IQAC   Dean Academics   Corporate office

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 AY (2022-23)
3.	Students Admission and Scholarship
4.	Percentage of new courses introduced of the total number of courses across all programs
5.	Board of Studies - Minutes, Pattern / Regulations, Curriculum and Syllabus for Regulation
6.	Feedback on Curriculum Enrichment (All Pattern /Regulations)
7.	Programmes Organized in the Dept.
8.	Department Newsletter
9.	Department Circular & Faculty Meeting Minutes
10	Department Budget File
11	List of Laboratories and Equipment's and List of Equipment's costing more than 2 Lakhs
12	Industry Linked Laboratories and Augmented Facilities
13	Record of Centre of Excellence and MoU's Signed
14	Major / Minor / Other Research Projects / Research Sponsored Projects and Proposal
15	Department Library
16	Professional Society Chapter and Association Activities
17	Extension and Outreach Activities
18	Department Future Plan
19	Record of Teaching and Non-Teaching Staff Profile
20	Research Paper Publications in standard journals (National/ International Conference and Journal)
21	Record of Books Publication, Book Chapters, Copyrights, Consultancy and Patents
22	Faculty Awards and Recognition
23	Faculty Participation in FDP, STTP, Seminar and Workshop, etc.,
24	Guest Lectures delivered by Faculty
25	Faculty Visit to Industries for Collaboration
26	Faculty Interaction with IIT/ NIT /SPPU/Reputed Institute professors
27	Online Certification Courses (NPTEL, Coursera, Udemy, etc.,)
28	Innovations by the Faculty in Teaching and Learning
29	Student Participation and awards won in technical events at State /National level
30	Student Participation and awards in sports activities/events in State/National level
31	Student Participation and awards in Cultural, literary activities/events in State/National level
32	Online Certification Courses (NPTEL, Coursera, Udemy, etc.,)
33	Class Time table / Individual time table and Load Distribution
34	Course file (Theory) (Please verify as per the Check List)
35	Course file (Laboratory) (Please verify as per the Check List)
36	Students Feedback on Faculty
37	Quality of student projects

38   Class Advisor File
39   Remedial Classes for slow leaner
40   Value Added Courses/ Skill Development Courses/Internship/Field Project/Inplant Training/Industrial Visit
41   Placement, Career Guidance, Higher Studies and Entrepreneurship
42   Students Bio-Data, Record of Student Counseling/ Mentoring system
43   Alumni Interaction Details / Prominent alumni list
44   Parents Meeting and Feedback (Please verify the Proof)

SUMMARY OF THE ACADEMIC AUDIT (AA) – DEPARTMENT WISE

Department	Category (Number of files graded as)				Percentage of Deviation (Out of 43 files)	Remarks
	Excellent	Good	Satisfactory	NI		
	A 100%	B 75%	C 50%	D 25%		
IT	34	8	--	--	--	01 Not Available (File No 12 & 13 Merged)
CSE	18	19	2	3	6.98%	01 Not Available (File No 12 & 13 Merged)
Mech	15	16	7	4	9.30%	01 Not Available (File No 4)
Mechatronics	12	14	4	10	23.25%	03 Not Applicable
Civil	25	16	2	--	--	--
Structural	26	11	3	--	--	03 Not Applicable
ECE	5	21	8	8	18.60%	01 Not Available (FILE NO 39)
EE	5	20	11	7	16.27%	07 Not Available (FILE NO 8, 12, 15, 22, 30, 39, 44)
MBA	2	35	3	3	6.98%	--
S&H	4	21	3	3	9.68%	12 Not Applicable (FILE NO 12,13,15,25,26,29,30,31,32,37,41, 42,43)
Total (408)	**146**	**181**	**43**	**38**	**9.31%**	

From the tabulation its observed that, out of 408 files 38 files are recommended to update for quality enhancement of the institution.
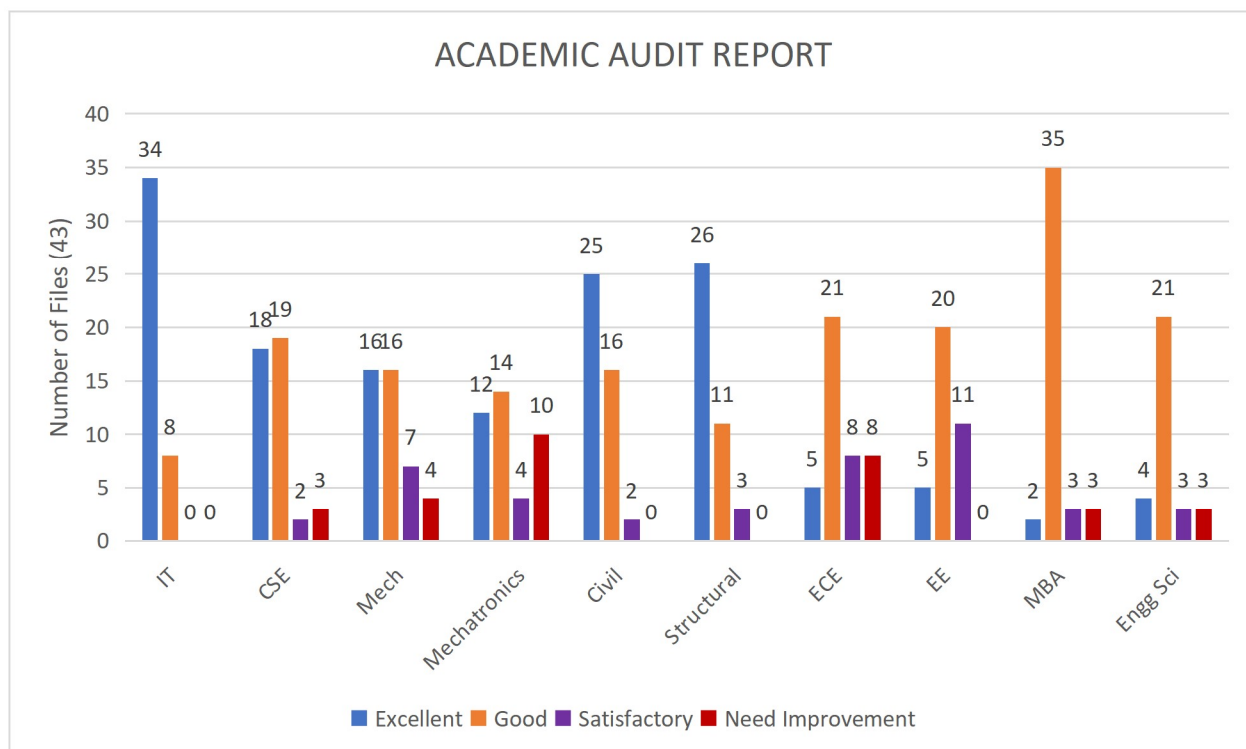
ACADEMIC AUDIT REPORT

Figure 1

Figure 1 describes the average rating of the questionnaire. From each department audit feedback of the all department teaching learning process and activities for the academic year 2022-23, it was observed that **90.69 %** questionnaire have satisfied whereas **9.31 %** 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.

Overall Assessment:

- Files are maintained and documented uniformly in all department
- More number of student activities are conducted as per plan
- Students Internships, Inplant Training and Industrial Visits are less
- Faculty Interaction with Industry/Academia is not satisfactory
- 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
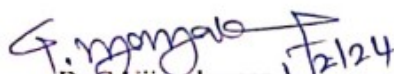- Awards and Recognitions, Books/Chapters are minimum

Suggestion:

- Department should identify industries for students Internships, Inplant Training and Industrial Visits
- All faculty should be encouraged for research fundings and publications in reputed journals
- Student Awards and Recognitions need to be increased
- Conduct academic and outreach activities as per NEP 2020
- Teaching — Learning can be improved by using more No. of ICT tools
- 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
- Faculty contribution in academic activities like Publications, participation in Workshops/Seminars/FDP's, Funding Proposals, Awards and Recognition, Patent Filing and Books/Chapters are enhanced
- Consultancy Projects are received from Industries
- Additional Industry Linked Laboratories are initiated
- Academic and Outreach activities are conducted with respect to NEP 2020

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

Dr G Vijayakumar 1/2/24
IQAC DEAN

Dr A G Thakur
Director / IQAC Chairperson