



Shri Siddheshwar Devasthan, Solapur.

Shree Siddheshwar Women's College of Engineering, Solapur

Approved by AICTE, New Delhi, Recognised by Govt. of Maharashtra & Affiliated to DBATU, Lonere

E-mail: office@sswcoe.edu.in | Website: www.sswcoe.edu.in | Phone 0217- 2627227

T.P.S. II, Final Plot No. 74, Bhawani Peth, Rupa Bhawani Road, Solapur - 413002

Minutes of the 4th meeting of IQAC (Internal Quality Assurance Cell)

The 4th meeting of IQAC was scheduled on Wednesday, 07th December 2022 at 11.00 am in Communication Skills Lab at Shree Siddheshwar Women's College of Engineering, Solapur to discuss the following agenda.

1. Confirmation of minutes of meeting held on 03-08-2022.
2. Donation of Keil Software worth Rs. 3.72 lakh by ARM to the college and FPGA Software by Intel is under process-for information.
3. Placements of final year students in multinational companies till date- for information.
4. F.Y. and DSE Admissions for 2022-23 for information
5. To set Academic Quality Benchmarks for B.Tech final Year for
 - i) Academic result ii) Placements iii) Self-employment iv) Entrepreneurship v) Higher Education vi) Competitive Exams
6. To approve Best Practices for our College.
7. Report of DBATU Academic Audit 2021-22 for information.
8. Faculty performance appraisal parameters for evaluating annual performance of teachers (faculty members) as per guidelines of Higher and Technical Education Department, Government of Maharashtra for the information.
9. Any other issues with the permission of the chairman.

Following members were present for the meeting:

1. Dr. Tukaram A Chavan (Chairperson)
2. Shri Sharad K Thakre (Member)
3. Dr. Dadasaheb Salunkhe (Member)
4. Shri. Vijaykumar Barbade (Member)
5. Dr. Meenal Chidgupkar (Member)
6. Prof. Channbasava B Nadagouda (Member)
7. Dr. Avinash S Patil (Member)
8. Prof. Sanjeev B. Jamge (Member)
9. Ms. Shrutika Sakat (Student Member)
10. Prof. Shrishail S Dulange (Member)
11. Prof. Vinay V Shirashyad (Member)
12. Prof. Santosh J. Madki (Coordinator and Member Secretary)
13. Prof. Sanjeev D Bhosale (Invitee)
14. Prof. Sanjeev C Mhamane (Invitee)

Dr. Rajshekhar R Yelikar- member, Mr.RohitJeurkar-Member, Prof Gajanan Dharane-Member could not attend the meeting and as per their request, leave was sanctioned.

The following transactions took place in the meeting:

Hon. Principal and chairperson of IQAC, Dr. T.A. Chavan welcomed all members of IQAC in the meeting. He has briefed the students' placements and first year and direct second year admissions for A.Y. 2022-23. Then Prof.S. J.Madki (Coordinator and member secretary) was asked to start the meeting.

Agenda 1: Confirmation of minutes of meeting held on 03-08-2022

Resolution 1: Coordinator & member Secretary, Prof S J Madki read the minutes of last meeting held on 03-08-2022 and the same were confirmed unanimously with following suggestions.

Hon. Thakresahab suggested to collect revised list of Industries in Solapur for CSR funds from Solapur Industries Association office and contact individual company for getting CSR funds.

Agenda 2: Donation of Keil Software worth Rs. 3.72 lakh by ARM to the college and FPGA Software by Intel is under process-for information.

Resolution 2: With the initiative of Prof S C Mhamane, Dept Incharge E & TC, Keil software has been donated by ARM to the College and the donation of FPGA Software by Intel company is in process. Committee noted and appreciated the initiative taken by Prof S C Mhamane.

Agenda 3: Placements of final year students in multinational companies till date- for information.

Resolution 3: Total 36 students placed in four Multinational Companies along with their details have been presented in front of the committee

Sr. No.	Name of Company	No. of students Placed
1	TCS	04
2	Sankey Solutions	1
3	Capgemini	11
4	CGI	20
	Total	36

The information regarding technical and soft skill training conducted for students was also shared with the committee. The committee noted and appreciated the efforts taken by Training & Placement Incharge Ms. Mayuri Pakale and the team of Training & Placement for their fruitful efforts, with following suggestions-

Thakre Saheb suggested to contact LHP, Solapur for placement drive of final year Electrical Engineering students.

Dr. Dadasaheb Salunkhe suggested to approach a soft skill trainer Mahendra Pride Classroom, Nandi Foundation for soft skills training.

Agenda 4: F.Y. and DSE Admissions for 2022-23 for information

Resolution 4: The branch wise of following first year and Direct Second Year admissions were put before the committee for information.

F. Y. B. Tech. - 2022-23 Intake & Admitted Students Status															
Sr. No.	Branch	Intake				Admission					Overall %	Vacancy			Remarks
		S. I.	EWS	TFWS	Total Intake	S. I.	EWS	TFWS	ACAP	Total		S.I.	EWS	TFWS	
1	CSE	120	12	6	138	110	11	6	2	129	93.48%	8	1	0	Cancel 4+1(EWS)
2	CSE-AI&DS	60	6	0	66	52	6	0	2	60	90.91%	6	0	0	Cancel 3
3	E&TC	60	6	0	66	6	5	0	8	19	28.79%	46	1	0	-
4	Electrical	60	6	0	66	0	1	0	1	2	3.03%	59	5	0	-
	Total	300	30	6	336	168	23	6	13	210	62.50%	119	7	0	

Direct Second Year B. Tech. - 2022-23 Intake & Admitted Students Status												
Sr. No.	Branch	Intake			Admitted				Total Admitted %	Vacancy		Remarks
		Vacancy + LE	EWS	Total Intake	Vacancy + LE	ACAP	EWS	Total		Vacancy + LE	EWS	
1	CSE	78	3	81	75	3	3	81	100.00%	0	0	Cancel 1
2	CSE-AI&DS	54	5	59	51	3	5	59	100.00%	0	0	Cancel 3
3	E&TC	65	7	72	55	10	7	72	100.00%	0	0	Cancel 4 (1 CV issue - Sontake-not in portal)
4	Electrical	63	7	70	11	3	2	16	22.86%	49	5	-
	Total	260	22	282	192	19	17	228	80.85%	49	5	-

The committee noted and appreciated the efforts of First Year Admission Incharge Dr A S Patil and the team and Direct Second Year Admission Incharge, Prof D S Waghmode and team.

Agenda 5: To set Academic Quality Benchmarks for B.Tech final Year for i) Academic result ii) Placements iii) Self-employment iv) Entrepreneurship v) Higher Education vi) Competitive Exams.

Resolution 5: As per the suggestion given by the committee in the previous IQAC meeting held on 03-08-2022, Principal sir during his feedback sessions involved final year students of all branches in the discussion for setting the benchmark for i) Academic result ii) Placements iii) Self-employment iv) Entrepreneurship v) Higher Education vi) Competitive Exams is as given below:

Sr No	Final Year B.Tech.	Benchmarks					
		Class	Academic Result	Placements	Self Employment	Entrepreneurship	Higher Education
1	CSE	85 %	80%	5%	7%	5%	3%
2	E & TC	85%	80%	5%	5%	10%	-
3	Elect Engg	87%	85%	2%	5%	8%	-
4	Civil Engg	80%	80%	5%	5%	5%	5%
Average		84%	81%	4%	5.5%	7%	2%
Recommended Benchmark		85%	80%	6%	5%	7%	2%

Committee noted the same and approved the recommended benchmarks for all branches of final year engineering students till further changes.

Agenda 6: To approve Best Practices for our College.

Resolution 6: By considering all the criteria and guidelines for best practices with respect to NAAC/ NBA, following four best practices are identified:

1. Engineering Teaching Learning Pedagogy (ETLP)

Academics: To improve the academic results, this methodology emphasizes on students' learning. If learning happens, students can answer any type of question appeared in university question paper/orals/interviews etc.

Objectives:

a) To achieve conceptual clearance of every unit (Chapter) along with practical proficiency.

- b) To understand the learning level of each student about every unit.
- c) To make the teaching & learning more technically skilled, interesting, easy and result oriented.

2. Mentoring Activity:

Overall Development and Personal Attention: This activity focuses on individual student's overall development. One mentor teacher is appointed for 15 to 20 students, who pays personal attention to individual student. Mentors remain always in contact with their mentees to solve their academic and personal problems. In the mentor sessions, supportive skills for placement like- Self Introduction, Resume Writing, Application Writing, Group Discussions, Mock Interviews are conducted.

Objectives:

- a. To help the mentees learn soft skills in support of Training & placement activity.
- b. To counsel academically weak mentees and to play an important role in helping such students to cope with academic and personal problems.
- c. To proactively try to identify problems of the mentees and to bring the problems to the notice of the concerned authorities.
- d. Keep time to time interaction with concerned parents for the development of mentees.
- e. Motivate mentees for participation in co-curricular and extra-curricular activities if their academic performance is satisfactory.

3. Skill Enhancement for Better Employment

Acquiring additional skills for employment is a must. Students prefer parallel learning and that saves time. College provides trainings to the students from first year to final year to improve the skill set of students so that they will become employable in good companies.

Objectives of the Practice:

- a) Increase employment opportunities for final year students.
- b) Train on current industry practices, beyond syllabus.
- c) Help students to acquire additional job specific skills, industry relevant certifications.
- d) Develop self confidence in students for employment

4. R & D Cell

One hour in weekly time-table is allotted as Research and Development Activity. In this session, teacher makes awareness about the research opportunities, areas of research, Idea generations, startup opportunities. College organizes "Kalpak" the intercollegiate Project Idea Competition, Startup Idea Competition for promoting research in students. Encourage faculty members to publish their research papers, collaborative research work with other Institutes.

Objectives:

- a) To motivate and train the staff and students in progressive creative thinking leading to the preparation of papers of quality standard.
- b) To encourage staff and students to publish technical papers for publishing in National and International Conferences/Journals.
- c) To create interest and environment among the staff members to take up Research projects and improve their knowledge, skills and qualifications by registering for PhDs;
- d) To encourage faculty members of all the disciplines in Engineering/Science /Humanities in R&D activities for their professional growth;
- e) To develop strategies to foster research collaborations within the faculty, across faculty and Institutes, and with agencies outside the college;

The opinion poll for the identified best practices is taken from students and faculty. All responses of the poll were in favour of the above identified best practices along with some other suggestions for best practices like celebration of no vehicle day every month to support green practices, including coding sessions in regular time table to enhance coding skill of the students irrespective of branch, teaching foreign languages, one paper publication per student for final year students, one MOOC (NPTEL/Coursera etc) per student per year.

Committee took note of all and suggested to continue with the four identified best practices.

Agenda 7: Report of DBATU Academic Audit of A.Y. 2021-22 for information

Resolution 7: As per the guidelines of DBATU, every year the external academic audit is conducted for improving the quality of academics in affiliated colleges. The academic audit for A.Y. 2021-22 is conducted on 09-11-2022 in the college. From this year, two external members (Professor cadre or retired Vice Chancellors) and two internal members are supposed to carry out this academic audit. Keeping this guidelines, Dr. S.V.Lonikar former Acting Vice Chancellor, Punyashlok Ahilyadevi Holkar Solapur University, Solapur and Dr. V.B.Ghute, Professor and Director, Dept. of Computational Sciences, Punyashlok Ahilyadevi Holkar Solapur University, Solapur were appointed as external members and Dr T A chavan, Principal and Prof. S J Madki, IQAC Coordinator acted as internal members for this academic audit. After assessing the academic documents, the external member gave following suggestions:

- a) Map the University results with the decided benchmark and find out the lacunae for improvement in academic result.
- b) Conduct open book tests for all students for all subjects.
- c) Conduct online feedback of individual students instead of mass face to face feedback.
- d) Make separate section of reference books in the college central library.

All suggestions were noted by the committee and directed for implementation by allotting the responsibilities to the staff as per the requirement.

Agenda 8: Faculty performance appraisal parameters for evaluating annual performance of teachers (faculty members) as per guidelines of Higher and Technical Education Department, Government of Maharashtra for information

Resolution 8: Prof S. J Madki presented the details of proposed evaluation criteria for performance appraisals per guidelines of Higher and Technical Education Department, Government of Maharashtra for the information of committee. These guidelines conformed National Education Policy (NEP 2020) and are recommended for all Higher Educational Institutes (HEI's). These guidelines may be used for all faculty. This proposed format supports to ERP or Software and the evaluation of the faculty performance can be made using the ERP or software. Marks are given to all aspects of teachers' life cycle and the list of evidences to be produced along with the performance appraisal is also provided in the proposed format.

The proposed evaluation is based on following criteria for which total 200 marks are allotted.

Sr. No	Major Parameters Assessment of Teachers	Evaluation (200 Marks)
1	Teaching Learning Process	60 Marks
2	Feedback from Students	10Marks
3	Administrative / Executive responsibilities/ Institutional Commitments	20 Marks
4	Evaluation and Assessment	20 Marks
5	Extension and Outreach Activities	20 Marks
6	Domain Specific Activities	20 Marks
7	Collaborations	10Marks
8	Students Mentoring	10Marks
9	Research Activity	20 Marks
10	Personal Attributes	10 Marks

The Committee noted the same. Dr Dadasaheb Salunkhe suggested to circulate the proposed format among faculty so that they can prepare for the documentation.

Agenda 9: Any other issue with the permission of chair

Resolution 9: The DBATU result of theory examinations of F.Y.B.Tech. (Sem-II), S.Y. B.Tech. (Sem-I & II) of all branches and T.Y. B Tech (Sem-II) were declared. The subject wise detailed result analysis of these classes was presented in front of the committee. The result of 6 students of T Y B Tech (CSE) part-II is pending therefore it was excluded from the presentation.

Committee noted the result and congratulated for the nice result. Prof C B Nadagouda suggested to conduct classwise meeting with staff and discuss on the subject wise results.

Dr. Dadasaheb Salunkhe suggested to give appreciation letter to the faculty whose subject results are as per the benchmark. As there were no further issues, the meeting was concluded vote of thanks by Dr. A S Patil (Dept Incharge FY B Tech.).




(Dr. T.A. Chavan)
Principal & Chairperson of IQAC