



Sant Dnyaneshwar Shikshan Sanstha's
Annasaheb Dange College of Engineering & Technology, Ashta
(An Autonomous Institute)

(Approved by AICTE, New Delhi, Gov. of Maharashtra, and affiliated to Shivaji University Kolhapur)

Minutes of the 7th meeting of **Internal Quality Assurance Cell (IQAC)** held on 28/09/2019, at 02.30 PM under the chairmanship of Dr. G. N. Kulkarni, Director, ADCET, Ashta. The chairman welcomed gathered members present for IQAC meeting.

Venue-Board Room, ADCET, Ashta

Sr.No	Names	Position	Signature
1.	Dr. G. N. Kulkarni Director, ADCET, Ashta	Chairman	
2.	Adv. R. R. Dange, Secretary, SDSS, Islampur	Management Representative	
3.	Prof. R.A. Kanai, Executive Director, SDSS, Islampur	Member	
4.	Dr. S. V. Taralkar, Dean Academics	Teacher Representative	
5.	Dr. S.P. Chavan, HoD, Mechanical Engineering	Teacher Representative	
6.	Dr. S. S. Shinde, HoD, E&TC	Teacher Representative	
7.	Dr. S. H. Bhandari, HoD, Computer Science Engineering	Teacher Representative	
8.	Dr. G. R. Kulkarni, HoD, Electrical Engineering	Teacher Representative	
9.	Mr. S. S. Mohite, HoD, Civil Engineering, Basic Science	Teacher Representative	
10.	Dr. S. A. I. Bellary, HoD, Aeronautical Engineering	Teacher Representative	
11.	Dr. P. D. Kulkarni, Dean Corporate Relations	Teacher Representative	
12.	Dr. L. Y. Waghmode, Dean Administration	Senior Administrative Officer	
13.	Mr. S. B. Hivarekar Dean, Students & Faculty Affairs	Senior Administrative Officer	



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14.	Mr. S. S. Sayyad Training & Placement Officer	Senior Administrative Officer	
15.	Mr. V. B. Patil Controller of Examination	Senior Administrative Officer	
16.	Mr. D. V. Adsul Administrative Officer	Senior Administrative Officer	
17.	Dr. S. B. Bapat, Ashta	Member Local Society	
18.	Mr. Jadhav Sangram Shrirang Student, Mechanical Engineering	Student-Member	
19.	Shri. Abhijit Patil, Bharat Forge (Manager)	Alumni	
20.	Adv. S. T. Patil Vice-President, SDSS, Islampur	Employers	
21.	Shri. Nitin S. Zanvar, Ashta	Industrialist	
22.	Prof. Dr. R.G. Sonkawade Department of Physics, Shivaji University, Kolhapur	Stakeholder	
23.	Dr. N. D. Sangle Dean HR	Teacher Representative	
24.	Dr.A.B. Shinde Dean Research & Development	Teacher Representative	
25..	Dr. I. M. Jamadar Dean Quality Assurance	Member Secretary	



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Agenda of the meeting and resolutions are as follows:

Agenda Item No.1: To conform the minutes on 6th meeting of IQAC held on 25/09/2018

Discussion: Member Secretary Dr. I. M. Jamadar presented the brief summary of the Minutes of Meeting of 6th IQAC Meeting held on 25/09/2018, with the actions taken.

Resolution: The members of the Internal Quality Assurance Committee (IQAC) confirmed the minutes of the 6th meeting of IQAC held on 25/09/2018.

Agenda Item No.2: To discuss the results of Autonomous Examination for academic year 2018 - 2019

Discussion: Dr. S. V. Taralkar, Dean Academics of the Institute presented the Results of the Autonomous Examinations conducted in the Academic Year 2018 - 2019 for the First and Second Year Students of the Autonomous Batch Students.

Agenda Item No.3: To discuss the University Results for the Academic Year 2018 - 2019

Discussion: Dean Academics of the Institute presented the Results of the Shivaji University Examinations conducted in the Academic Year 2018 - 2019 for the Third and Final Year Students. The Results of the MSE results of the current academic Year 2019-20 were also discussed. The meeting of the course teachers with less than 60 % results was arranged and following points were discussed to improve the results.

Use of standard text books

- a. Activity based teaching learning
- b. Unsolved problems from books
- c. Use of real examples etc.



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Director briefed the members about the survey done by him, and shared the view points from the side of students such as poor quality text books used, suggested to faculty to use Quality Text Books.

Agenda Item No.4: To discuss the strategies to create interest in classroom for teaching and learning

Discussion: The Members of the IQAC Discussed on the Strategies to create interest in classroom for teaching and learning, the following points were discussed among the members,

- Usage of activity based Teaching-Learning Methods
- Explanation of Concepts and Its Applications, so that can relate and better understand
- In class Activities such as, Think-Pair-Share, Jigsaw, Quiz, Puzzles, Group Problem Solving to create interest in classroom for teaching and learning

Dean Academics informed the IQAC Members about the concept of Millennial Students, and the training provided to the faculty about the Activity Based Learning.

Shri. Abhijit Patil, Bharat Forge (Manager) mentioned the need for using the Video and ICT in the Teaching and Learning Process.

Resolution: Dean Academics Proposed to conduct In Semester Examination using the Activity Bases Assessment Methods and The Members of the IQAC resolved to the same.

Agenda Item No.5: To discuss teaching learning process & monitoring the academics

Discussion: Dean Academics of the Institute briefed the members of the IQAC about the Outcome Based Education (OBE) Philosophy followed at ADCET, Ashta. Also explained the members about the Monitoring of Teaching - Learning process that is done at Two Levels (Department Level & Institute Level).



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The observations made during these monitoring are periodically discussed in the core committee meeting along with the actions taken.

Resolution: Dean Academics Proposed to carry out the Academic Audit at the End of Every Semester and the Members of the IQAC Resolved the same.

Agenda Item No.6: To discuss the inputs for developing the curriculum in tune with industry

Discussion: The Members of the IQAC and the Dean Academics, emphasized on the Development of the curriculum to meet the industry needs, is the most important task of being autonomous institute.

The Institute is meeting its objective by replacing the absolute part of the syllabus with modern tools and techniques by taking Inputs from Industry Experts, who are the members of Board of Studies and Academic Council.

Shri. Abhijit Patil, Bharat Forge (Manager), briefed the members of the IQAC about the emerging trends such as Artificial Intelligence (AI), Robotics, setting up the Centers of Excellence on the AI, Additive Manufacturing, Advance manufacturing Technology, 3D printing. Applying for the Government Funds for Setting up the Laboratories. Development of the Small Scale Drones, UAV in the Long Term Plans. Composite Manufacturing Laboratory Setup.

Director briefed the members of the IQAC about the starting the UG course on Artificial Intelligence and the Mechatronics Laboratory under the MODROBS Scheme.

Resolution: Director proposed to start the UG course on Artificial Intelligence and the IQAC members resolved the same.



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Agenda Item No.7: To discuss strategy for open ended problems, mini-projects & projects

Discussion: The Dean Academics, explained to the members of the IQAC on the process followed at the Institute regarding the Open Ended Problems, Mini - Projects and Major - Projects.

Shri. Abhijit Patil, Bharat Forge (Manager), briefed the members of the about the all the parameters of the product development to be covered in the Mini - Projects and Major - Projects.

Resolution: IQAC Members resolved to update the Mini – project and Major – Project Curriculum.

Agenda Item No.8: To discuss research and development activity

Discussion: Dean Research and Development of the Institution, Presented the statistics of the Research paper published in the institute department wise along with the Institute Research Plan for the Academic Year 2019 - 2020. There is a significant amount of the growth in the amount of the research paper publications.

The Members discussed in detail the department wise statistics of the paper Publications.

Dean R&D Presented the detailed research plan for the Academic Year 2019 – 2020, Detailed break up of targets on SCI Indexed, Scopus Indexed, Conferences, Book Publication, Patents, No of Research Proposal, and Consultancy.

Dean R & D informed the Members of IQAC on Steps Taken to improve R & D in the Institute.

And they are as follows, Faculty Seminar, R&D News Letter, Mission 90, Organization of



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STTP/Workshops, Training to Faculty, Participation in the AICTE Sponsored Events, Expert Lectures from the Research Scientists.

Resolution: Hon. Director proposed the Mission 90 for improving the Paper Publication, and the IQAC members resolved the same.

Agenda Item No.9: To discuss budget allocation for the academic year 2018-19

Discussion: Dr. L. Y. Waghmode, Dean Administration presented the Budget Allocation for the Academic Year 2019 - 2020 to the members of the IQAC.

Resolution: The Budget for the Academic Year 2019 – 2020 is approved by the members of IQAC.

Agenda Item No.10: To discuss training and placement statistics for academic year 2018 - 2019

Discussion: Training and Placement Officer Presented the Training and Placement statistics of the Academic Year 2018 - 2019 and the Action Plan for the Academic Year 2019 - 2020.

Dean Corporate Affairs briefed about the steps taken to get associated with the various MIDC associations, for improving the placements and the results from the efforts.

Shri. Nitin S. Zanvar, Ashta briefed about the need for Skills Like PLC-SCADDA requirement from the Industry. The Members discussed in detailed the strategies for meeting the skill requirements, availability, cost burden on the students etc. Shri. Abhijit Patil, Bharat Forge (Manager), proposed about the concept of the train the trainer to avoid the cost burden on the students.



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The Director briefed about the freedom given the faculty members to add the contemporary issues that can be included in the syllabus.

Shri. Nitin S. Zanvar mentioned about the Industry 4.0 Revolution that is to be implemented in the upcoming years, he suggested have view point on Industry 4.0.

Resolution: IQAC Members resolved to adapt the Train the Trainer Policy, regarding the skill oriented courses.

Agenda Item No.11: To discuss academic rules and regulations of the institute under Autonomous Mode

Discussion: The Dean Academics, briefed the members of the IQAC about the Rules and Regulations that were formulated and the dissemination of the same among the stakeholders through the Institute Website.

The Dean Academic briefed the members of the IQAC to have a Separate Passing in the ESE Exams and the Grace Marks that is provided for the students.

The Dean Academics proposed an New Clause which is as follows “An opportunity shall be given to a student who has earned all the credits required by the respective program with CPI greater than or equal to 4.75 but less than 5 (Refer Section 16.2), to improve his/her grade by allowing him/her to appear for 100% examinations for maximum two theory courses of seventh and eighth semester. However, CPI shall be limited to 5 even though the performance of a student as calculated through modified CPI becomes greater than 5”.

Resolution: IQAC Members Resolved the Proposal made by the Dean Academics related to Separate Passing and the Grace Marks.



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Agenda Item No.12: To discuss for arranging workshop on quality assurance

Discussion: Dr. Imran Jamadar, Dean Quality Assurance emphasized on the need for arranging an workshop for the Deans, HoD's and Faculty Members on the Quality Assurance.

Proposed workshops on ISO 9001:2015, NBA Tier I Processes, Workshop on OBE Curriculum Design, and a Workshop on Effective assessment and Evaluation

Director request the Shri. Abhijit Patil, Bharat Forge (Manager) & Shri. Nitin S. Zanvar to suggest the any expert member for conducting training regarding ISO 9001:2015

Members Congratulated, the Controller of Examinations for the Effective Functioning and the processes followed.

Resolution: IQAC Members resolved to conduct the workshops proposed by the Dean – Quality Assurance

Agenda Item No.13: To discuss student's admission

Discussion: Mr. S. B. Hivarekar, Dean Students & Faculty Affairs briefed the members of the IQAC about the admission statistics of the Academic Year 2019 - 2020 and the Steps for increasing the admissions.

The Dean Students & Faculty Affairs identified the reasons for dropping is due to not reporting in the Counseling, and the steps taken to meet the requirements.

Agenda Item No.14: To discuss entry of students from University pattern to Autonomous Pattern

Discussion: Dean Academics Presented the Bridge Course Statistics that are followed for the students joining from University Pattern to Autonomous Pattern. The Students can be admitted only if they clear the Bridge Courses, the results will be communicated to the University.



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Resolution: The IQAC Members resolved the proposal made by the Dean Academics regarding the Bridge Courses.

Agenda Item No.15: To discuss the observations of the academic and administrative audit for ISO 9001:2015 held on 26th and 27th August 2019.

Discussion: Dean Quality Assurance discussed with the members of the IAQC about the Observations of the Academic and Administrative Audit made for the ISO 9001:2015 held on the 26th and 27th August 2019.

Actions Taken: Internal Auditors Training, Faculty Feedback Process, Academic Audit, Mechanism on addressing the failed students, Post Service Evaluation Form, Calibration of the Equipment's, Laboratory Curriculum, Training to All HoD's and Faculty Members.

Shri. Abhijit Patil, Bharat Forge (Manager), Suggest a few points for Post Service Evaluation Form.

Members Suggested to have Quarterly/Half Yearly Internal Audit and periodic Training of the Internal Auditors.

The Members for the industry emphasized strongly on the need for the ISO 9001:2015 Certification for the Academic Institution.

Resolution: The IQAC Members resolved to have a Half yearly Internal Audit and to have training programs for Internal Auditors.



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Agenda Item No.16: To discuss the need for up-gradation in the Institute Processes

Discussion: Director briefed the members of IQAC about the New Organization Structure
Dean Quality Assurance briefed the members of IQAC about the findings made in which the
Institute Processes have to be upgraded. The following are the points

- Process for designing/revising the program curriculum.
- Process used to identify extent of compliance of the curriculum for attaining the PO's and PSO's.
- Process for ensuring quality of examination, assignments.
- Process for student project allocation to completion.
- Process for industry interaction, partial delivery of curriculum.
- Process for taking a feedback for design and review of syllabus.

Resolution: IQAC Members resolved the proposal of Director to have a New Organization Structure, with Roles and Responsibilities clearly defined and the Members also resolved to upgrade the processes proposed by Dean Quality Assurance.



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Agenda Item No.17: To discuss NAAC -AQAR report 2018-19.

Discussion: Dean QA, presented the summary of the NAAC – AQAR 2018 – 2019.

Resolution: IAQC members resolved the submission of AQAR to the NAAC

Shri. Abhijit Patil, Bharat Forge (Manager), briefed the members of the IQAC to identify where the institute can participate in the National Agenda such as Swachh Bharat, Clean & Green Energy, and how we can work for betterment in the society.

Shri. Nitin S. Zanvar suggested to have a taught process on the Environmental Management System that can be implemented as the Global Warming and Environment Conservation are one of the concerns of the society.

The Meeting ended with a vote of thanks to the chair.

Member Secretary

Chairman