

**IQAC
Information Booklet**

**JSPM's Imperial College of
Engineering and Research, Wagholi, Pune**

**JSPM's
Imperial College of
Engineering and Research,
Wagholi, Pune**

Accredited by NAAC with "A" Grade

**Internal Quality Assurance Cell (IQAC)
Information Booklet**

Address

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Vision

To satisfy the aspirations of youth force, who wants to lead nation towards prosperity through techno-economic development

Mission

To provide, nurture and maintain an environment of high academic excellence, research and entrepreneurship for all aspiring students, which will prepare them to face global challenges maintaining high ethical and moral standards.

Quality Policy

“We at JSPM are committed to provide value based quality education maintaining pace with changing technology to produce competent and skilled professionals ready to accept global challenges.”

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About JSPM

Jayawant Shikshan Prasarak Mandal (JSPM) was established in 1998 with the objective of creating centers of excellence for education in the field of Engineering, Medical, Pharmacy, Management, computers etc. This is by the vision of **Prof. Dr. T. J. Sawant**, an Electrical Engineer who thinks that, "Development of Techno-Entrepreneurial Society" is the key to achieve VISION 2020 as perceived by our Former PRESIDENT of India Dr. A.P.J. Abdul Kalam.

Prof. Dr. T. J. Sawant is strongly convinced that establishment of excellent technical institutions is the solution to the problem of development of techno-economic society. Driven by a mission of providing an excellent quality education JSPM's society has left no stone unturned in setting up Educational Institutes in Pune.

JSPM provides right curriculum and innovative teaching methodologies to all its campuses. At & JSPM there is a series of vibrant education and leadership strategies for gaining unbeatable competitive advantage from countrywide experts for a matchless growth beyond the ordinary. JSPM provides students a vibrant academic experience that adheres to stringent international quality standards, imbibes life skills among its students, and prepares them to not only take on competitive careers but also succeed in life.

The underlying vision of the JSPM is to nurture and engender creativity in thought and innovation, thereby encouraging their students to follow an unconventional path. JSPM is committed to high-quality education. JSPM charter of higher learning clearly states: "Impart high-quality education which meets the diverse needs of our students and the evolving professional requirements". To achieve this JSPM ensures global standard of teaching, supported by extensive research work and a productive learning environment.

About ICOER

Imperial College of Engineering & Research (ICOER) is one among the competent engineering colleges, established in 2006-07 and is situated on a picturesque heart throbbing landscape at Wagholi on Nagar –Pune Road.

The institute offers Under Graduate courses in Computer Engineering, Electronics & Telecommunication, Mechanical Engineering & Civil Engineering and Post Graduate course in Engineering & Management. The core strength of this institute is highly qualified, dedicated & experienced faculty, well equipped laboratories, 100 Mbps high speed Internet Facility and state of art infrastructure. Faculty members in this institute strive hard to impart quality technical knowledge so as to produce the technocrats of futuristic vision. The students who aspire to become engineers are groomed with appropriate technology expected in the industries. Technical forums, student associations and study groups are the avenues to enhance the technical & soft skills. The students are oriented and counseled during the course of the technical education through an unique concept of Guardian Faculty Member. A faculty is a GFM for a group of students (not more than 20) who listens and guides the students towards the solutions for the problems that he/she faces, through counseling.

ICOER is a temple of knowledge where technocrats who are responsible for the techno-economical growth of the nation are produced. Our aim is to impart good education and to develop the complete personality of the students with an emphasis on moral values. We, in this institution strive hard to shape the students in such a way that they will be an asset to the community and nation at large.

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Mission: To provide, nurture and maintain an environment of high academic excellence, research and entrepreneurship for all aspiring students, which will prepare them to face global challenges maintaining high ethical and moral standards.

About Internal Quality Assurance Cell (IQAC)

The Internal Quality Assurance Cell (IQAC) was established at Imperial College of Engineering and Research on 1st July, 2016. The IQAC has been constituted as per the recommendations of the National Assessment and Accreditation Council (NAAC). The IQAC ensures the effective implementation of quality initiatives through continuous reviews and periodic meetings. The IQAC works towards attaining excellence in all academic and administrative endeavours of the institution.

IQAC functions as a central point for strategizing various Quality plans that relate to the faculty as well as the students of the Institution.

As rightly quoted by John Ruskin "Quality is never an accident; it is always the result of intelligent effort." We believe in "Quest for excellence at all levels".

Vision

"To develop globally competent engineers for techno-economic development of society."

Mission

"To provide, nurture and maintain an environment of academic excellence, research and entrepreneurship for aspiring engineers to meet global challenges ethically."

Quality Policy of Institute

We are committed to impart value based quality education to maximize student satisfaction keeping in mind global trends and needs of the industry and society in a rapidly changing environment.

Functions and responsibilities of Internal Quality Assurance Cell

- Development and application of quality benchmarks/parameters for the various academic and administrative activities of the Colleges;
- Facilitating the creation of a learner-centric environment conducive for quality education and faculty maturation to adopt the required knowledge and technology for participatory teaching and learning process.
- Arrangement for feedback responses from students, parents and other stakeholders on quality-related institutional processes.
- Dissemination of information on the various quality parameters of higher education.
- Organization of inter and intra institutional workshops, seminars on quality related themes and promotion of quality circles.
- Documentation of the various programs/activities of the College, leading to quality improvement.
- Acting as a nodal agency of the Institution for coordinating quality-related activities, including adoption and dissemination of best practices;
- Development and maintenance of institutional database through MIS for the purpose of maintaining /enhancing the institutional quality;
- Periodical conduct of Academic and Administrative Audit and its follow-up
- Preparation and submission of the Annual Quality Assurance Report (AQAR) as per guidelines and parameters of NAAC.

Objectives

- To develop a system for conscious and consistent action to improve the academic and administrative performance of the institution.
- To promote measures for institutional functioning towards quality enhancement through internalization of quality culture and best practices.

Primary Functions

IQAC at ICOER functions as a nodal point for strategizing various Quality plans to the faculty as well as to the students. The IQAC comprises of senior faculty members, distinguished educationists representatives of management and various other stakeholders. It has to undertake the following activities:

- Timely documentation and progressive performance of academic and administrative tasks
- Optimization and integration of contemporary methods of teaching-learning and evaluation
- Heightened level of clarity and focus in institutional functioning towards quality culture
- Integration and institutionalization of various activities to facilitate good practices

Strategies and Benefits

Strategies

IQAC shall evolve mechanisms and procedures for:

- Ensuring timely, efficient and progressive performance of academic, administrative and financial tasks
- Relevant and quality academic/ research programmes
- Optimization of modern methods of teaching and learning
- The credibility of assessment and evaluation of the process
- Ensuring the adequacy, maintenance and proper allocation of support structure and services
- Sharing of research findings and networking with other institutions in India and abroad

Benefits

- Ensure clarity and focus in institutional functioning towards quality enhancement
- Ensure internalization of the quality culture
- Ensure enhancement and coordination among various activities of the institution and institutionalize all good practices
- Provide a sound basis for decision-making to improve institutional functioning
- Build an organised methodology of documentation and internal communication
- Outcomes of Activities of IQAC at ICOER
- Accreditation – NAAC
- AICTE Approval for professional courses
- MHRD All India Survey for Higher Education
- Feedback from stakeholders
- Curriculum development
- Annual Quality Assurance Report

Plan of Action:

- To conduct the meeting of the cell at the beginning of each academic year.
- Agenda of the meeting would be to review academic policies for the effective implementation
- To develop a monitoring system for quality assurance practices
- To coordinate the process of online feedback from students about Teaching-Learning process in respective classes and communicate the assessment of the same to respective faculty members and Department
- To prepare a detailed Annual Quality Assurance Report (AQAR) at the end of the academic year and submit the same to Governing Body
- To organize Academic Activities as per the guidelines given by Governing Body/ Academic Council of the college

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- Preparation of list of faculty coordinator/convener for various committees and cells, to plan the activities for the academic year
- To conduct the meeting of faculty coordinators for various academic tasks to discuss the plan of action for their respective responsibilities
- Preparation of mentor and mentee list at the department level and distribution of mentoring registers along with guidelines to follow based on attendance etc
- Preparation of common slots for seminars, sports, skill based program and value added programs and communicate the same to the respective Departments for inclusion in their timetable
- Collection of teaching outcome feedback (course assessment) from students at the end of the semester
- To organize the review /audit of all the academic activities by a team of internal experts and present the observation in the meeting of GB/CDC for further guidelines
- Collection and compilation of self appraisal forms from faculty members at the end of academic year
- To prepare/modify various application/information formats at least once in a year
- To prepare the Activity calendar of the Institute based on the individual plans submitted by Departments/various forums
- To coordinate the flow of information to the website administrator from various forums/Departments before and after the activities/achievements
- To coordinate the process of preparation and submission of Activity Report files by various forums after the activity

COMPOSITION OF IQAC

The composition of IQAC has internal as well as some eminent external experts well known in their chosen domain of expertise. They attend IQAC meetings and give valuable suggestions. They are invited as experts to the departmental presentations. The composition of the IQAC is as follows:

COMPOSITION OF IQAC

Sr. No.	Name	Affiliation	Designation
1	Dr. R. S. Deshpande	Principal, ICOER	Chairperson
2	Dr. Sarang P. Joshi	Associate Professor, Mechanical Engg.	Coordinator
3	Mr. Sadanad Topanvar	Purchase Manager, Danfoss Ltd. Pune	External Experts
4	Dr. Mangesh D. Shende	Associate Professor, Mechanical Engg.	Senior Administrator Member
5	Dr. N.V. Khadake Prof. N. S. Biradar Dr. S. K. Bhatia Dr. Vinod S. Wadane Prof. S.K. Wakchaure	HOD, Civil Dept. HOD, Mech. Dept. HOD, E&TC Dept. HOD, Computer Dept. HOD First Year	Senior Professors
6	Dr. Sachin Adamane	Campus Directors, JSPM, Wagholi Campus	Management Representative (Nominated by Trust)

Future Plans

- Preparation for ISO Certification
- To get NBA Accreditation for all Department
- To start consultancy work for industries.
- To establish better tie-ups with reputed industries and thereby enhance the placement of students.
- To establish better tie-ups with reputed institutes like IITs for deputation and exchange of faculty.



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FOUNDER SECRETARY

DR. R.S. DESHPANDE
PRINCIPAL

Date: 26/08/2022


MINUTES OF THE MEETING OF THE IQAC HELD ON 26/08/2022

Minutes of the Meeting of IQAC of JSPM's Imperial College of Engineering and Research (JSPM's ICOER) Wagholi, held at 10.30 am on 26/08/2022 (Friday) for A Y 2022-23.

Venue: Board Room, JSPM's Imperial College of Engineering and Research, Wagholi, Pune

Agenda of Internal Quality Assurance Cell (IQAC) Meeting

1. To inform about new Coordinator of IQAC
2. To confirm the minutes of last meeting of IQAC and action taken report
3. To inform about NBA Accreditation work Progress
4. To Inform about status of applying for 2nd cycle of NAAC
5. Review of R&D Activities
6. To review the academic and other important activities and events in the College
7. To review the progress of teaching and learning process
8. To inform about starting new private JSPM University
9. Any other point with permission of chair.


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Jyotswa Shiksha Prasangh (JSPM)
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Dr. Joshi Sarang P
IQAC Coordinator

Dr. R. S. Deshpande
Principal



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Following members were present form the IQAC Meeting held on 26/08/2022

Attendance of IQAC Meeting held on 26/08/2022

Sr. No.	Name	Affiliation
1	Dr. R. S. Deshpande	Principal, ICOER
2	Dr. Sarang P. Joshi	IQAC Coordinator
3	Mr. Sadanad Topanvar	Purchase Manager, Danfoss Ltd. Pune
4	DR S L Lahudkar	Professor , E&TC Engg
5	Dr. N.V. Khadake	HOD, Civil Dept.
6	Prof. N. S. Biradar	HOD, Mech. Dept.
7	Dr. S. K. Bhatia	HOD, E&TC Dept.
8	Dr. Vinod S. Wadane	HOD, Computer Dept.
9	Prof. S.K. Wakchaure	HOD First Year
10	Dr. Sachin Adamane	Campus Directors, JSPM,Wagholi Campus
11	Dr. Prabha Singh	HOD, MBA
12	Dr. R S Sarje	R&D Coordinator
13	Dr. S L Borse	Dean Academics
14	Dr. Tushar Sangole	T&P Coordinator
15	Dr. Mangesh D. Shende	Associate Professor, Mechanical Engg.
16	Dr. Gunale R B	Assistant Professor, Meh Engg Dept
17	Dr. Deshpande A S	Assistant Professor, E&TC Engg Dept
18	Mr. Shubham Hargude	Student Representative
19	Mr. Pankaj Kambale	Alumni Representative



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IQAC Coordinator Dr. Joshi Sarang welcomed all the members of the IQAC for IQAC meeting. The IQAC Coordinator placed the agenda items one by one as detailed below:

1. To inform about new Coordinator of IQAC

Principal Dr R S Deshpande informed all members of IQAC that from 1st June 2022, Dr Joshi Sarang is appointed as new IQAC Coordinator as previous IQAC Coordinator Dr. P S Arora left the institute.

Resolution: Resolution is passed and all members welcomed Dr. Joshi Sarang as new IQAC Coordinator

2. To confirm the minutes of last meeting of IQAC and action taken report

IQAC Coordinator presented minutes of meeting and action taken report of last IQAC meeting. .

Resolution:

The minutes of meeting and action taken report of last meeting of IQAC were unanimously accepted by all members

3. To inform about NBA Accreditation work Progress

IQAC Coordinator informed all members that tentative visit of NBA team will be in month of October 2022. Institute has applied for NBA accreditation for Computer and Civil Engineering Department. Self Appraisal Report (SAR) of both departments are updated and criteria wise updation is going on. In month of September 2022, there will be 2 mock visits for checking NBA Preparation of both departments. Staffs of both departments are working hard for NBA Preparation, documentation and



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updatation. E&TC and Mechanical Departmental staffs are there to help both departments as and when required.

Resolution:

IQAC members noted and appreciated the efforts of staff members.

4. To Inform about status of applying for 2nd cycle of NAAC

IQAC Coordinator informed all members that previous NAAC accreditation is upto 28th October 2022. Before this date we need to apply for accreditation once again.

In view of this IQAC coordinator told that first we need to submit IIQA before 28th October 2022. After getting approval of IIQA from NAAC, we will get 45 days to submit Self Study Report (SSR). All central files are getting updated and departmental NAAC Coordinator and NAAC criteria coordinators are preparing the necessary draft and documentation.

Resolution:

IQAC members noted and date of submission of IIQA is finalized as 20th October 2022.

5. Review of R&D Activities

R&D Coordinator, Dr S H Sarje gave summary of R&D as follows.

Particulars	Numbers
Papers Publication by Facultyies	79
Conference/Workshop Attended by Facultyies	17
Applied for R&D Schemes/Grants	01
Patents	01
NPTEL & Other Certification	14



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R&D Coordinator informed to the members that the faculty members are publishing research papers in SCI/Scopus journals. The Principal set the target of 15 Research papers to be published by December 2024 from the faculty with PhD. The Principal directed that faculty should aim for publication in a reputed SCOPUS indexed journal.

Resolution: Resolution is passed and members appreciated efforts of faculties for their publication in reputed journal

6. To review the academic and other important activities and events in the College

Dean Academics, Dr S L Borse informed the academic and other important activities of the institution as below

a. Result Announced by Savitribai Phule Pune University

Department	Result
Civil Engineering (B E)	96.3%
Computer Engineering (B E)	98.3 %
E& TC Engineering (B E)	96.5%
Mechanical Engineering (B E)	94.6 %

b. Current Training & Placement Record

Particulars	Numbers
Total Companies Visited	63
Placed Students	302
Students Preparing for Higher Studies	57
Various Trainings Offered by Institute	11



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Principal advised to Dr Tushar Sangole (TPO) that all the students should be mapped in terms of Placements, Higher Education Admissions, Family-owned Businesses, Start-Ups, Entrepreneurships and other opportunities, in a tabular form. Principal advised that the students should be tracked from the first year itself so that the required efforts are put in place to ensure students are engaged.

c. Curricular , Co- Curricular and Extracurricular Activities

Particulars	Numbers
Technical Sessions	05
Social Events	03
Cultural Events	02
Sports Activities	01

Resolution: Resolution is passed and members congratulated for results and activities.

7. To review the progress of teaching and learning process

IQAC Coordinator Informed members that due to Covid -19 effect, institute adopted on line teaching methodology by using zoom and google meet platform upto January 2022 and as per norms of government Institute has started offline teaching methodology from January 2022 by following all safety precautions for Covid-19. Dean Academics Dr S L Borse informed that all teaching and learning material made available to students on College Moodle. Unit test were carried out in offline mode and In-Semester exam was conducted by institutes as per guidelines of Savitribai Phule Pune University.



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As per circular of Savitribai Phule Pune University, oral/practical/project exam were taken in offline mode and marks were send to university portal by respective faculty members.

Resolution: Members appreciated efforts of all teaching faculties for their efforts in online and offline mode for A Y 2021-22.

8. To inform about starting new private JSPM University

Principal informed that from next year we will start new private JSPM University. Tentative visit of expert team for initial sanctioning will be in month of October 2022. All necessary documentation is going on and will get completed by the end of September2022.

Resolution: Members noted and congratulated for new private JSPM University.

There was no other point for discussion and meeting ended with vote of thanks by IQAC Coordinator to all the members of IQAC for attending the meeting and for giving their valuable suggestions.



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Dr. Joshi Sarang P
IQAC Coordinator

Dr. R. S. Deshpande
Principal

Date: 26/08/2022

Place: Wagholi, Pune



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Action Taken Report

Sr.No	Particulars	Person	Action
1	Updation of Central File Coordinators	Dr Joshi Sarang	New central file Coordinators are appointed and files are handover to them for updation
2	Review of NAAC Criteria coordinator	Dr Joshi Sarang	Review of NAAC Criteria Coordinator is taken and necessary updation are made in respective criteria
3	NBA SAR Updation	Dr A S Deshpande	SAR of Computer and Civil Department is updated with central criteria no 8,9 and 10 as per NBA Norms
4	Review of Teaching and Learning	Dr.S L Borse (Dean Academics)	Review of each department is taken and report is given to Principal.
5	Starting of Value added Courses	Dr. Tushar Sangole	Python and Aptitude courses are finalized for final year students
	To Improve Research and Development activities	Dr S H Sarje	Workshop of how to write research papers in reputed journal is given by R & D Coordinator Dr SH Sarje to all faculty members


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