

VPM'S Maharshi Parshuram College of Engineering

Velneshwar

Internal Quality Assurance Cell

Quality is never an accident, it is always the result of high intention, sincere effort, intelligent direction and skillful execution, it represents a wise choice of many alternatives.

In tune with this great quotation, the visionary management has always believed in quality and build their systems on the strong bastions of uncompromising quality standards. At a time, when professional education is going through a purple patch, the Institution, a genius with farsighted vision, felt that there was a dire necessity of imbibing time tested quality standards into the existing system. As a result the academic and administrative team drafted a quality based developmental plan that could put Institute far above the crowd of professional institutions during the coming decade, which is going to be a real testing time of survival.

The result of this futuristic planning was the establishment of the Internal Quality Assurance Cell (IQAC), which is thrust with the responsibility of implementing the vision of the management in thought and action. Being fully aware of the fact that systems imbued with quality have no fear of time, the management is definitely concerned about proper implementation and execution of its policies and principles for the secure future of its stakeholders under such challenging situations. The IQAC will therefore respond positively to the pulse of the management and will

strive to incorporate quality standards at the micro and macro levels of curricular, co-curricular, extracurricular and administrative activities in the institution.

Salient features of the functioning of IQAC at Institute:

- Create quality culture in the institution.
- Create learner centric environment conducive for quality education.
- Plan and execute quality enhancement activities in the institution.
- Act as a nodal unit of the institution for implementation of quality based academics.
- Implement innovative practices during programmes and activities leading to quality enhancement.
- Organization of workshops and seminars on quality related themes and promote proceedings of such activities in the institution.
- Adopt quality benchmarks and parameters for various academic and administrative activities in the institution.
- Promotion of research climate in the Institution
- Obtain periodic feedback regarding individual activities from students and implement suggestions to enhance quality.

INTERNAL QUALITY ASSURANCE CELL

Chairman's Message

At the outset let me wish you a grand success in your result, which will be declared soon. You will enter a decisive phase in your life, as you are going to choose a carrier path.

India is an emerging market and with changing political scenario, infrastructure and manufacturing industry is going to lead the growth story. Today we have about 5% growth rate, which is expected to reach up to 8%. This will create a huge requirement of human resource trained in engineering sciences. However, creating a quality work force is a real challenge. World is very competitive and quality education only can qualify and equip you to survive this competition.

I can assure you that we are committed to quality education at Velneshwar. When you join VPM'S Maharshi Parshuram College of Engineering at Velneshwar you join that commitment of quality education. Our campus provides extremely high quality infrastructure required to deliver quality education in engineering. You will find all details on our web site. Our hostels are design and built to give you comfort both material and academic. Every room is provided with internet and intranet facility.

Step in our campus with confidence and commitment. I assure you that we will make all efforts to make you academically competent and also a responsible citizen, ready to join Nation building.

Dr. Vijay Bedekar

Chairman, Vidya Prasarak mandal, Thane.

Principal's Message

Education is the ornament for human beings. Education, wealth and strength are necessary for everyone. But the value of each of them depends on the way you use it. Millions said ‘the apple fell’ but Isaac Newton was the only one to ask ‘why’. This is the true spirit of curiosity that MPCOE tries to inculcate in its students. The institute’s atmosphere, infrastructure that keeps abreast of global standards, excellent academic facilities, and outstanding residential environment richly add to the perfect ambience for studies and thereby help us achieve the exacting standards of academic excellence. We aim to give our students a complete educational experience thereby transforming them into well-groomed professionals.

Engineering offers a highly rewarding and lucrative career – one in which you can apply intuitive, imaginative and creative ideas to find appropriate solutions to the challenges facing our society. I wish you success in sharing knowledge, ideas and solving important societal needs and issues. However, the ‘Success in life’ will certainly depend upon creating high ethical and moral values besides imparting and inculcating up-to date knowledge and skills.

We realize that we have to transform XII class student into a professional engineer within a period of four formative years. We ensure that students should gain not just technical knowledge but also a holistic set of skills that will equip them to face the real world. Faculty-members guide and monitor students by participating in their academic, research, sports & cultural pursuits. We want our students to be committed, dedicated to their goals along with integrity and concern for the environment and rural society they live in.

Institute is successfully running academic autonomy awarded by AICTE, UGC and University of Mumbai. Introduction of changes in curriculum and timely revisions in it as per the needs of advancement and changing scenario of industry resulted in satisfaction and enjoyment at both students and teachers end. We insist that our faculty should continuously upgrade to provide direction for future teaching-learning innovations. On behalf of management, faculty and staff of VPM's Maharshi Parshuram College of Engineering, I wish you all the best in your personal and professional career.

Dr. Amitkumar Tanajirao Mane

I/C Principal

Coordinator's Message

The Internal Quality Assurance Cell of VPM's Maharshi Parshuram College of Engineering Velneshwar is formed with the vision to channelize the efforts and measures of the Institution towards academic excellence and progress. Envisioned as an embedded function of the College, the IQAC harnesses synergies from all its constituent units viz. the stakeholders of the college. As a part of its mandate of developing an all-encompassing quality culture in the college, the IQAC plays a greater role in congregating the institutional effort for quality. We hope your feedback and suggestions will help IQAC develop further in its endeavour of creation, sustenance and enhancement of quality in the College.

Prof.Avinash Pawar
(Assistant Professor)
Coordinator, IQAC

About the IQAC, VPM's MPCOE Velneshwar

In pursuance of the National Action Plan of the National Assessment and Accreditation Council (NAAC), Bangalore, for performance evaluation, assessment and accreditation and quality up-gradation of institutions of higher education, the NAAC proposed that every accredited institution establish an Internal Quality Assurance Cell (IQAC) as a postaccreditation quality sustenance measure. Since quality enhancement is a continuous process, the IQAC will become a part of an institution's system and work towards realizing the goals of quality enhancement and sustenance. The prime task of the IQAC is to develop a system for conscious, consistent and catalytic improvement in the performance of institutions. The IQAC will make a significant and meaningful contribution in the post-accreditation phase of institutions. During the post-accreditation period, the IQAC will channelize the efforts and measures of the institution towards academic excellence. The IQAC, VPM's MPCOE Velneshwar will specifically focus on the creation of an institution-wide synergy imbibing the constituent efforts and feedback of the stakeholders viz. the teaching and non-teaching staff, the students, alumni, parents and others to generate quality sustenance and enhancement on the following areas as envisaged by NAAC :-

- Curricular Development
- Teaching and Learning
- Research and Consultancy
- Infrastructure
- Student Support and Services
- Governance and Management

- Innovation and promotion of Best Practices

Benefits

IQAC ,VPM's MPCOE Velneshwar will facilitate / contribute to:-

- Ensure heightened level of 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 all good practices;
- Provide a sound basis for decision-making to improve institutional functioning;
- Act as a dynamic system for quality changes in HEIs;

- Build an organized methodology of documentation and internal communication.

Policy Framework of IQAC

Quality Policy

"We are committed to impart quality technical and management education as per need and expectations of the students."

Vision of the IQAC

"To build and ensure a quality culture aimed at all round excellence at the institutional level."

Mission of the IQAC

- To channelize and systematize the efforts and measures of an institution towards academic excellence.

- To be the driving force in enhancing quality to remove deficiencies.

Goals of the IQAC

- To develop quality systems for conscious, consistent and catalytic programmed action to improve the academic and administrative performance of the College.
- To promote measures for institutional functioning towards quality enhancement through internationalization of quality culture and institutionalization of best practices.
- To take steps for periodic internal academic audit of the teaching learning and research activities of all departments / faculty members and Institutes.
- To collaborate with other academic institutions and agencies for improvement of quality and brand image of the Institution.
- Make full use of Ex-BARC Scientist Council (CSS) , Remote Center of IIT Bombay, NPTEL, Virtual Labs, etc for improving quality in teaching-learning process.

Objectives of the IQAC

The IQAC of the Institute is constituted to achieve the following objectives:

- To develop and progress a high level of clarity and focus in institutional functioning towards creation, sustenance and enhancement of quality and facilitate internalization of the quality culture permeating every sphere of the Institution.
- To facilitate the integration of the various activities of the institution and institutionalize the best practices.
- Coordinate and improve internal communication to facilitate greater policy implementation and quality assurance towards its stakeholders
- To develop a system for conscious, consistent and catalytic improvement in the performance of institutions.
- To assure all the stakeholders connected with higher education about the quality of education provided by the institutions.

Functions of the IQAC

- Development and application of quality benchmarks/parameters for the various academic and administrative activities of the Institution.
- To organize various quality events under MOUs with IIT Bombay, COEP, DBATU Lonere, etc
- Make use of expertise of Ex-BARC Council of Senior Scientists (CSS) to enhancing the quality of our projects.
- 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 programmes/activities of the College, leading to quality improvement.
- Acting as a nodal agency of the College for coordinating quality-related activities, including adoption and dissemination of good practices.
- Development of Quality Culture in the College.
- Preparation of the Annual Quality Assurance Report (AQAR) of the College based on the quality parameters/assessment criteria developed by the relevant quality assurance body (like NAAC, NBA) in the prescribed format.

Strategies of the IQAC

- Ensuring timely, efficient and progressive performance of academic, administrative and financial tasks.
- The relevance and quality of academic and research programmes.
- Equitable access to and affordability of academic programmes for various sections of the society.
- Ensuring the adequacy, maintenance and functioning of the support structure and services.
- Research sharing and networking with other institutions in India like IIT Bombay, COEP, etc
- Optimization and integration of modern methods of teaching and learning.

IQAC Agenda (2017-18)

- NAAC/IQAC initiation
- Planning and review of Academic Calendar
- Online feedback systems for students, Parents, Alumina and employees of VPM'S MPCOE Velneshwar
- Starting of remote center of IIT Bombay for conducting and organizing quality workshops for our faculties/staff & also to nearby colleges.
- Make full awareness about Virtual Labs among faculties/staff & students.
- Monitoring and evaluation of Teaching Learning process
- Use expertise of Ex-BARC scientists in TE & BE projects
- Use of LaTeX software for making TE/BE Project reports
- Promotion of research climate in the Institution
- Contribution in infrastructure development and learning resource
- Result analysis
- Projects with industries for BE students

IQAC Agenda (2018-19)

- NAAC Application
- Planning and review of Academic Calendar
- Online feedback systems for students, Parents, Alumina and employees of VPM'S MPCOE Velneshwar
- Result analysis
- Give more focus on internships, industry projects, students publications,
- Start mentoring committee of college to monitor overall mentoring activities
- Formation of alumni association
- Organize some quality workshops under IIT Bombay remote center and NPTEL

IQAC Agenda (2019-20)

- NAAC accreditation
- Continue with quality in documentation & teaching-learning as per NAAC guidelines of NAAC peer team.
- Start preparing for NBA
- Innovative processes adopted by the college in Teaching and Learning (Use of modern teaching aids, use of virtual Laboratories, It enabled programs, spoken tutorials, ICT based education, cooperative learning, outcome based teaching).
- Monitoring and evaluation of Teaching Learning process
- Initiatives undertaken towards faculty development program- Refresher courses, Faculty Improvement Programme, HRD programme, Orientation programme, Summer / Winter schools, Workshops, Staff training conducted by other institutions/University, Faculty exchange program etc.
- Promotion of research climate in the Institution
- Contribution in infrastructure development and learning resource
- Initiatives to increase placement ratio and building strong bonding with alumni
- Our plan is to conduct two meeting of alumni association in 2019-20.
- Start using MOODLE Learning Management System