

SANMARG SHIKSHAN SANSTHA NAGPUR

UNDER THE SOCIETIES REGISTRATION ACT XXI OF 1860 R. NO. 40/66 M.S. & CHARITABLE ACT. REG. (814) (N)

MADHUKARRAO PANDAV COLLEGE OF ENGINEERING

Department of Management (MBA)

Bhilewada, Bhandara. Ph. 07184 - 202715

Ref.No. MPCE/IQAC/

Date 15/July/2023

Internal Quality Assurance Cell (IQAC) Annual Report Madhukarrao Pandav College of Engineering, Bhandara Academic Year: 2023-2024

1. Introduction

The Internal Quality Assurance Cell (IQAC) at Madhukarrao Pandav College of Engineering, Bhandara, continues to play a pivotal role in ensuring quality enhancement and sustenance in all academic and administrative endeavors. Following the guidelines of NAAC, the IQAC has worked systematically to institutionalize quality assurance processes and promote a culture of excellence. The college, accredited with a B grade by the NAAC peer team in March 2024, is committed to further improving its standards and achieving higher benchmarks.

2. Objectives of the IQAC

- To develop a quality system for conscious, consistent, and catalytic improvement in academic and administrative performance.
- To promote measures for institutional functioning towards quality enhancement through the internalization of quality culture and institutionalization of best practices.

3. IQAC Composition

The IQAC team comprises representatives from the college management, teaching and non-teaching staff, students, alumni, and external stakeholders. The composition ensures participatory governance and inclusivity in decision-making.

4. Key Initiatives and Activities (2023-2024)

4.1. Academic Initiatives

- **Curriculum Development:**



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- Feedback was collected from stakeholders (students, alumni, employers) and shared with the University for Curriculum Enhancement.
- **Teaching-Learning Processes:**
 - Faculty members were trained in modern pedagogical techniques through workshops and Faculty Development Programs (FDPs).
 - ICT tools were integrated into the teaching-learning process.

4.2. Faculty Development and Research Promotion

- An FDP was organized to enhance the teaching and research capabilities of faculty members.
- Faculty was encouraged to publish research papers in reputed journals and participate in conferences and seminars.
- Collaborative research projects with industries and other academic institutions were promoted.

4.3. Infrastructure Development

- Up-gradation of laboratory facilities and procurement of modern equipment.
- Improved ICT infrastructure by adding smart classrooms and upgrading the internet bandwidth.
- Renovation of library facilities, including the addition of e-books and subscription to digital libraries.

4.4. Student Support and Progression

- Career guidance and placement activities were strengthened through workshops, aptitude tests, and mock interviews.
- Mentoring through the Teacher Guardians Cell was streamlined to address the academic and personal concerns of students.
- Special initiatives were undertaken for the holistic development of students, such as entrepreneurship development programs and cultural events.

4.5. Quality Assurance Measures

- Regular internal audits were conducted to assess and ensure the effectiveness of academic and administrative processes.
- Implementation of a feedback mechanism for continuous improvement.

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5. Outcome and Impact


- Enhanced faculty engagement in research and innovation.
- Greater student satisfaction and participation in co-curricular and extracurricular activities.
- Recognition by stakeholders for consistent quality improvement.

6. Future Plans


- To achieve a higher NAAC grade during the next accreditation cycle by focusing on quality benchmarks.
- To strengthen industry-academia collaboration through MoUs and internship opportunities.
- To develop additional skill-based programs aligned with market needs.
- To initiate a Center for Innovation and Incubation to foster entrepreneurship and start-up culture among students.

7. Conclusion

The IQAC at Madhukarrao Pandav College of Engineering remains committed to fostering a culture of quality and excellence. By implementing structured quality assurance practices and encouraging stakeholder participation, the college is on a path of continuous improvement and growth. The collective efforts of all stakeholders will ensure the institution achieves its vision of becoming a premier engineering college in the region.

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