Shri Mahatma Basweshwar Education Socitey's

M.S. Bidve Engineering College, Latur

Internal Quality Assurance Cell

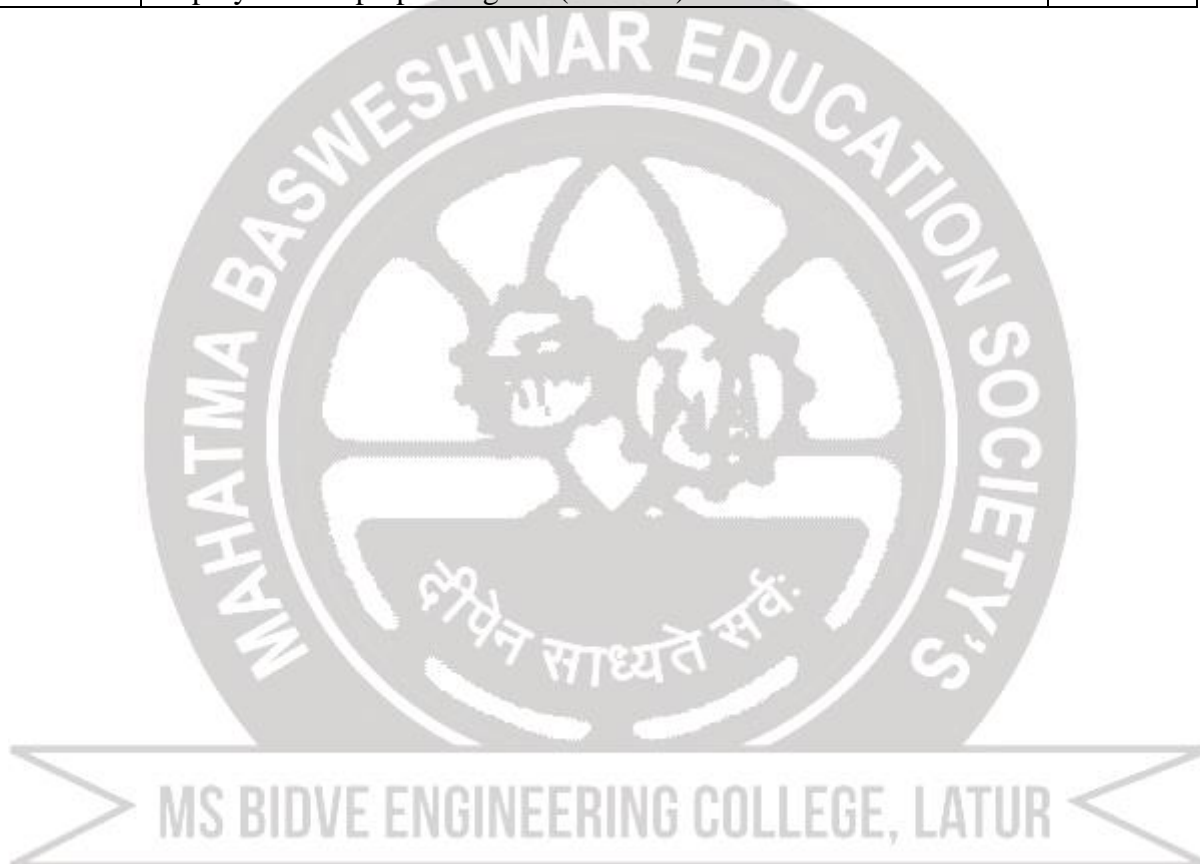## Perspective Plan and Deployment Document 2023-28

Shri Mahatma Basweshwar Education Socitey's

M. S. Bidve Engineering College, Latur.

Internal Quality Assurance Cell

Institutional Perspective plan

Index

Vision

To attain technical excellence for the welfare of mankind.

Mission

"It is our mission to impart qualitative technical education at affordable cost for the students hailing from vernacular background and deprived classes. It is our conviction to make them competitive in global environment through dissemination of knowledge, development of technical and social skills & by inculcating human values. We, the management, faculty and staff find the privilege and pride to commit whole heartedly to accomplish this goal."

Imminent Goals

- To improve communication and presentation skills of students.
- To achieve top order results of all classes.
- To boost up training and placement performance to higher benchmark.
- To develop membership bonds with professional bodies.
- To organise seminars and workshops at faculty and students' level.
- To launch P.G. programmes in all streams of engineering.
- To upgrade all round infrastructure facilities.

Perpetual Goals

- Improving faculty academic profile through sponsorship for P.G. & Ph.D. programme.
- Promoting institutional role as interface between industry, statutory authorities, funding agencies and professional bodies.
- Engaging institutional participation in technical education quality improvement programme at all levels.
- Establishing technical research and development centre for rural up liftment.
- Marching towards the accomplishment of institutional autonomy.

Deployment to achieve imminent goals
(2023-28)

A Strategic Plan for the period of five years was planned by the college from academic year 2023-2024 to academic year 2027-2028 considering into recommendations given by NAAC committee for quality enhancement of the institute. Here are some key points summarizing the initiatives mentioned:

1. **Enhancing Communication and Presentation Skills:**
   o Collaborating with external expert agencies for special courses/training sessions.
   o Focus on pre-final and final year students to improve these crucial skills.
2. **Improving University Results:**
   o Individual faculty members are tasked with supporting slow learners and poor performers through assignments and study materials.
3. **Industry Readiness:**
   o Adopting a multi-pronged approach, including internal and external training specific to each department.
   o Final year students undergo a finishing course covering communication skills, resume building, aptitude training, and mock interviews to enhance placement opportunities.
4. **Professional Development:**
   o Encouraging both students and faculty to attend workshops and seminars, online and offline, to stay updated with new trends and techniques in their respective fields.
5. **Infrastructure Development:**
   o Improving networking and internet facilities on campus by deploying access points and increasing bandwidth.
   o Ensuring adequate computer resources (4:1 ratio) for students to enhance their programming skills and facilitate project work.
   o Establishing new practical setups in Civil and Mechanical Engineering to enhance hands-on learning.
6. **Committee Involvement:**
   o Involvement of a committee consisting of the Principal, Heads of Departments, Office, IQAC coordinator, and Academic Dean to oversee and implement these initiatives.

These efforts collectively aim to elevate the educational experience, skill development, and employability of students while also fostering continuous improvement in academic outcomes and infrastructure.

Deployment of perpetual goals
(2023-2033)

substantial steps toward enhancing academic quality, fostering research, and improving industry engagement. Here's a breakdown of the key initiatives your institution is working on:

1. **Promotion of Research and Ph.D. Enrollment**:
   Faculty members are encouraged to pursue Ph.D. programs, contributing to research and development activities. This has led to faculty members completing Ph.Ds, with some still in progress. There are also a few patents registered by faculty, which adds to the institution's innovation profile. Establishing a research center will further this initiative, allowing for the registration of Ph.D. students and expanding research opportunities.

2. **Industry Collaboration and Alumni Interaction**:
   The college is focusing on strengthening industry connections through alumni interactions and increasing collaborations in the form of Memorandums of Understanding (MoUs). These collaborations will support student training, placements, internships, and skill enhancement.

3. **Student Clubs and Industry Collaborations**:
   Active student clubs like the Google Developer Students' Club (GDSC) and Microsoft Learn Students Ambassador (MLSA) are being promoted. Plans to establish more clubs, especially those in collaboration with the IT and core sectors, will offer students hands-on opportunities in different domains. The establishment of student chapters for IEEE, ACM, ISTE, etc., will also facilitate more academic and industry-oriented initiatives.

4. **Corporate Social Responsibility (CSR) and Industry Partnerships**:
   The college is tapping into industry CSR funds to support student training, skill enhancement, and infrastructure development. Collaboration with Tata Technologies for the Ready Engineer Program and the establishment of a NASSCOM-funded lab for student use further supports student development.

5. **Continuous Improvement of Academic Quality**:
   The IQAC (Internal Quality Assurance Cell), in collaboration with the academic head, monitors and works to improve academic processes. This includes tools such as rigorous tracking of student attendance, periodic checks on teaching diaries, and performance evaluations.

6. **Plans for a Research Center**:
   The research center aims to address local community and industry problems by undertaking student and faculty-led projects. This initiative will offer a more direct approach to applying research findings to real-world problems.

7. **Autonomy and Program Expansion**:
   A key strategic goal is to achieve autonomy for the institute, which would offer more flexibility in program offerings and curriculum design. Alongside this, the college plans to expand its academic portfolio by introducing diploma courses across disciplines and postgraduate programs in fields like Computer Applications and Business Administration.

These initiatives, when successfully implemented, will likely result in a more robust educational environment, greater student-industry connections, and an increased reputation in both academic and research spheres.