Shri Mahatma Basweshwar Education Socitey's

M.S. Bidve Engineering College, Latur

Internal Quality Assurance Cell

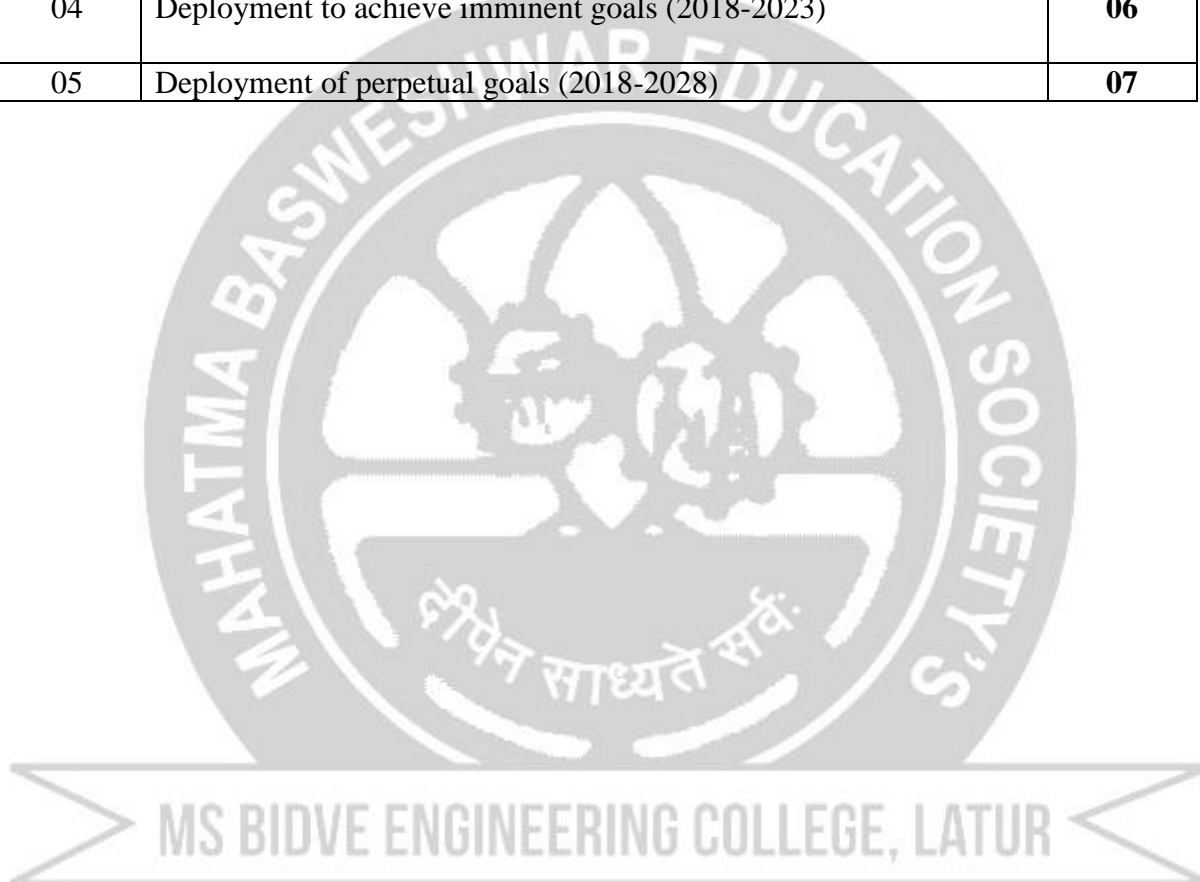## Perspective Plan and Deployment Document 2018-23

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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.
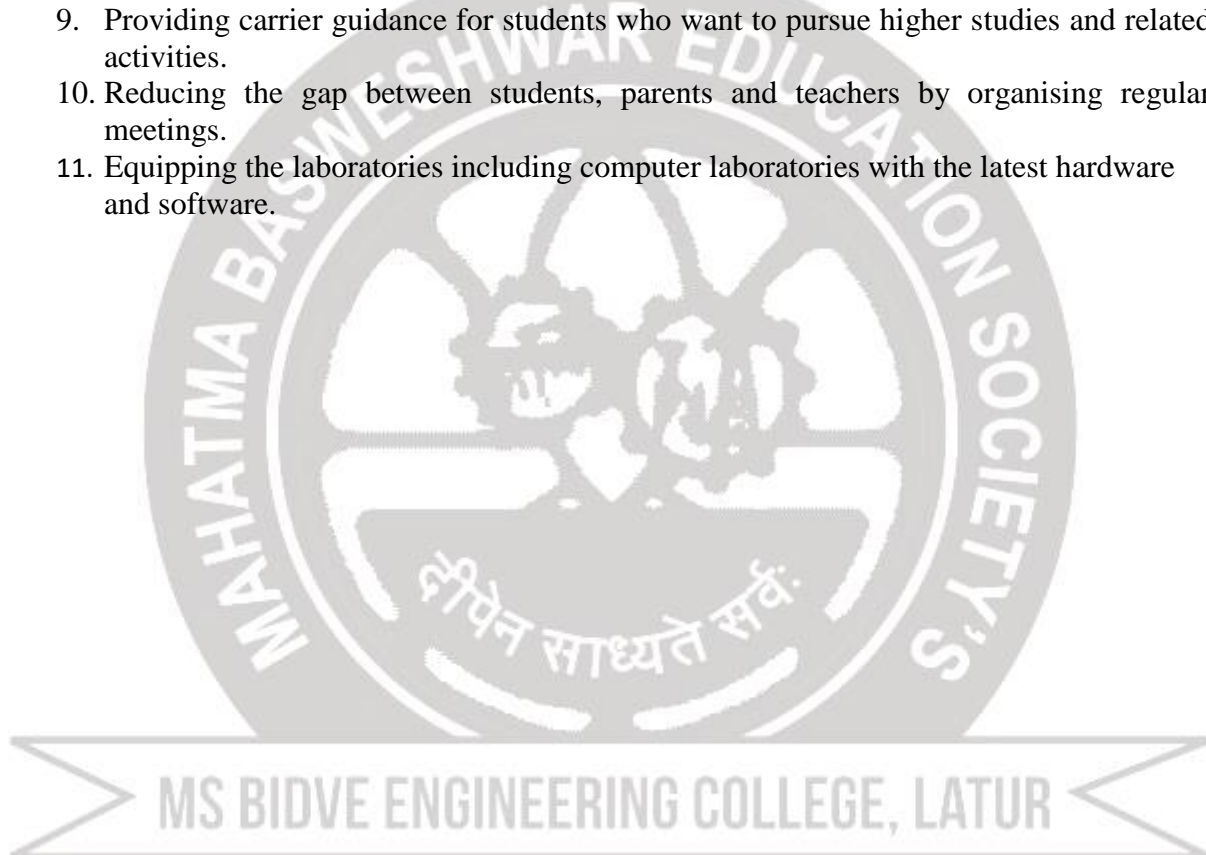- To upgrade all round infrastructure facilities.

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.
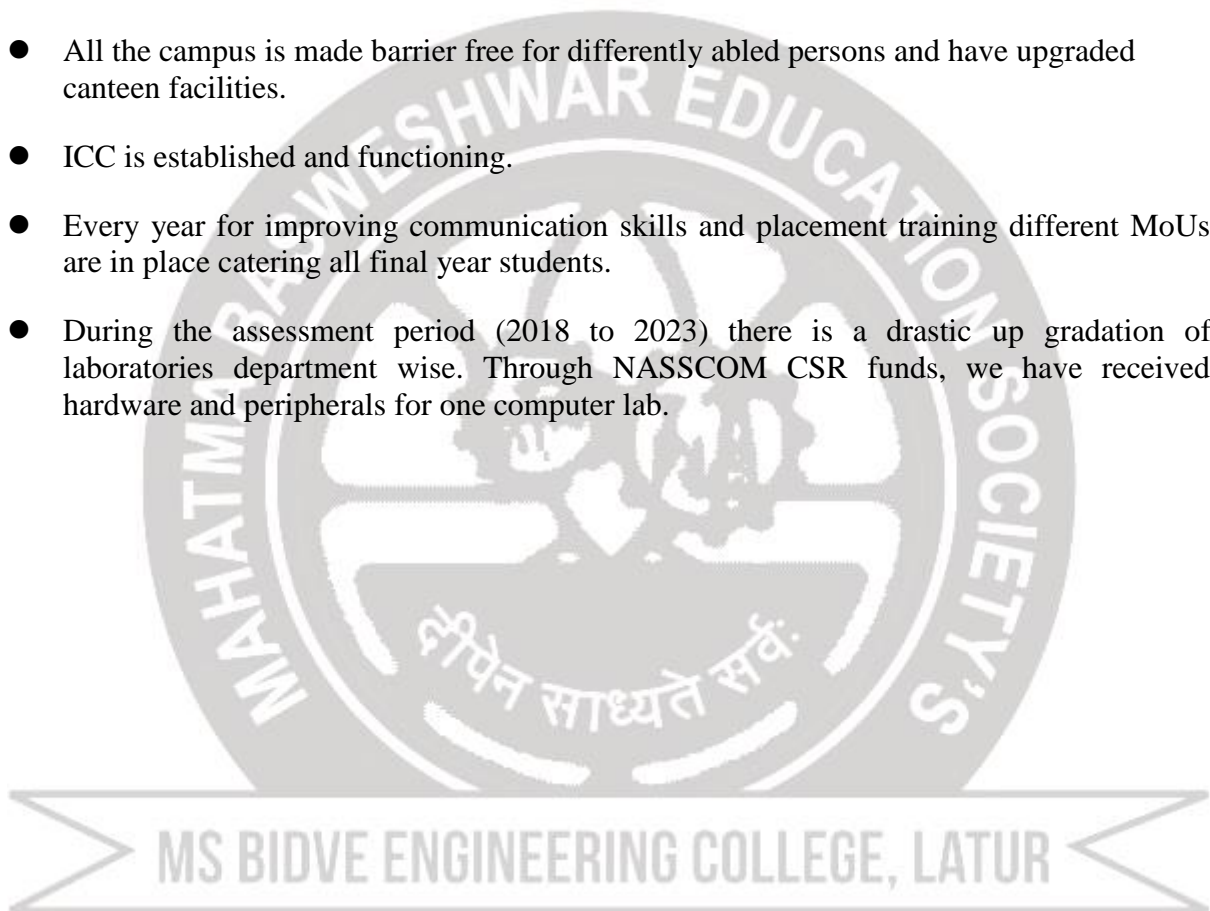- Marching towards the accomplishment of institutional autonomy.

Recommendations for Quality Enhancement of the Institution by NAAC Peer Team after Ist Cycle.

1. The college should set up a useful innovation and incubation centre.
2. The faculty should improve its qualifications and be motivated to attend more faculty development programmes.
3. Providing student with more industrial exposure and training and practical skills
4. Providing transport facility, a barrier-less movement for differently-abled persons, and supportive canteen.
5. ICC be established and popularised.
6. Establishment of communication and finishing school.
7. Providing more value-based additional courses.
8. Providing training for various competitive examinations.
9. Providing carrier guidance for students who want to pursue higher studies and related activities.
10. Reducing the gap between students, parents and teachers by organising regular meetings.
11. Equipping the laboratories including computer laboratories with the latest hardware and software.

Major Accomplishments 2018-2023

- College has an innovation and incubation center where different activities were conducted.

- All the faculty members have completed PG and few have completed Ph.D. (06). Many faculty members are registered for Ph.D. and will be completing in near future (09).

- As per DBATU curriculum VIIIth semester is devoted for internship/project. In addition they have to undergo three internships during the programme tenure. Due to this fact students have more industrial exposure and practical skills.

- All the campus is made barrier free for differently abled persons and have upgraded canteen facilities.

- ICC is established and functioning.

- Every year for improving communication skills and placement training different MoUs are in place catering all final year students.

- During the assessment period (2018 to 2023) there is a drastic up gradation of laboratories department wise. Through NASSCOM CSR funds, we have received hardware and peripherals for one computer lab.

Deployment to achieve imminent goals
(2018-2023)

A Strategic Plan for the period of five years was planned by the college from academic year 2018-2019 to academic year 2022-2023 considering into recommendations given by NAAC committee for quality enhancement of the institute. The default committee for this activity consists of Principal, all the Heads of Departments including Office, IQAC coordinator and Academic Dean.

For improving communication and presentation skills of pre-final and final year Students, it was decided to collaborate with external expert agencies and conduct special course trainings.

More emphasis is to be given in improving the percentage of university results. We ask individual faculty member to focus more on slow learners, poor performers by providing assignments, study materials etc.

To make our students industry ready, we have adopted multi-pronged approach. We asked each department to conduct programme specific trainings internally and externally. In final year we ensure that every student undergoes a finishing course which works on communication and presentation skill, resume building, aptitude training, mock interviews etc. This has helped us immensely in getting placements for our students during and after Covid period.

We have promoted a culture of attending workshops and seminars online/offline in student as well as faculty. This helped them to upgrade and adopt new trends and techniques.

During Covid and post Covid we have improved our networking and internet facilities on campus by deploying the access points and increasing the bandwidth. We also ensured that for every student in need gets a computer for project work, practicing and improving the programming skills, by providing more computers for student use (4:1). In Civil and Mechanical Engineering new practical setups are established.

Although we have tried to accomplish imminent goals there were challenges and constraints due to onset of Covid-19 pandemic from March-2020. Post Covid there was a challenge of bringing students to offline mode teaching learning and examinations.

Deployment of perpetual goals
(2018-2028)

The College promotes the faculty member to register for Ph.D. and involve in research and development activity. Result of this is many of our faculty members have completed and some are in pipeline. There are few patents registered by our faculty members. We plan to establish a research center wherein we can register Ph.D. students.

To improve the industry interface we have activated our alumni interaction to increase the collaborations in the form of MoUs for training, placements, internships and skill enhancement. We have promoted students' clubs such as GDSC (Google Developer Students' Club), Microsoft Learn Students Ambassador (MLSA). We plan to establish more student clubs in collaboration with industry in IT as well as core sector. We plan to establish student chapters for IEEE, ACM, ISTE etc. We are tapping the potential of industries which direct their CSR fund for student training, skill enhancement and infrastructure augmentation. We have active collaboration with TATA Technologies for Ready Engineer programme, have a NASSCOM funded lab for student community use.

Improving the quality of technical education is a continuous process. Our IQAC in collaboration with Academic head works towards maintaining and improving the academic processes leading to improvement in quality of education. Different tools used are rigorous monitoring of students attendance, performance through periodic verification of teaching diary maintained by faculty members.

Institute plans to establish a research center through which the problems of local community and industry can be addressed by undertaking different projects by students and faculty members.

The most important single thrust area identified by Management and college faculty community is to go for accomplishment of autonomy status for the institute. While doing this institute also plans to expand its offerings in diploma courses in all the disciplines and post graduation courses in Computer Applications, Business Administration etc.