

Hindi Seva Mandal's
Shri Sant Gadge Baba
College of
Engineering and Technology
Bhusawal – 425203. (M. S.)

PERSPECTIVE PLAN

(2024 - 25 to 2028 - 29)

INTRODUCTION

This Perspective Plan of SSGBCOET Bhusawal has been prepared for the period of five years commencing from the academic year 2024-25 to academic year 2028-29 by considering the quality indicators mentioned in seven criteria of NAAC. The management of Hindi Seva Mandal, Principal and all members of college IQAC committee provided the guidelines for preparing the plan after NAAC Second Cycle result. This document shows how SSGBCOET would prioritize the allocation of its all possible resources for accomplishing the academic targets set. It was discussed thoroughly in the IQAC meetings. Inputs from all stakeholders, their expectations, management policies and goals and objectives of the college, Parent University and NAAC have been used as the base in formulating the perspective plan.

Development of the perspective plan has been a collaborative effort intended to ensure that all members of the SSGBCOET family have an opportunity to participate in establishing institution-wide priorities and strategies crucial to SSGBCOET's future. IQAC always strives to enhance the quality culture in academic and administrative activities in the college and assists to maintain quality culture and create student centric environment in the college. The plan outlines the perspective focus for the next 5 years and identifies areas in which the institution will excel.

IQAC plays most important role in maintaining and enhancing the quality of the institution and suggests quality measures. Feedback from all the stakeholders, PEER Team Inputs-Suggestions and the recommendations of the IQAC are taken into consideration and innovations are incorporated in the perspective plan. Self appraisal of the teachers, encouragement to teachers for research through their involvement and contribution in seminars, conferences at national and international level, arranging students centric activities, establishment of student's club are some of the measures undertaken on priority basis for quality sustenance and enhancement as a strategy.

The Perspective Plan is our sincere effort to prepare the framework for our collective thoughts and efforts directed towards the betterment of academic culture and attainment of institutional goals.

The functions of the IQAC Cell are:

- 1. Identifying, Developing and applying quality check up for various academic and administrative activities of the institution;**
- 2. Setting of specific benchmarks/standards towards overall excellence of the institution.**
- 3. Creating opportunities to build teaching-learning environment conducive to quality education.**
- 4. Planning to improve faculty initiative to adopt the required knowledge and technology for participatory teaching and learning process;**
- 5. Suggesting and implementing improvements as and when needed on quality-related institutional processes;**
- 6. a) Dissemination of information on various quality parameters of higher education;**
b) Planning and organizing workshops, seminars on quality related themes and Promotion of quality circles;
c) Documentation of various programmes/activities leading to quality improvement;
d) Acting as a nodal agency of the Institution for coordinating quality, placement and Personality grooming-related activities, including adoption and dissemination of Best practices;
e) Nurture Quality Culture for academic excellence
f) Preparation of the Annual Quality Assurance Report (AQAR) as per guidelines and parameters of NAAC, to be submitted to NAAC

Perspective / Strategic Plan of SSGBCOET, Bhusawal

After the visit of NAAC peer team on 22-23 July 2024, the college modified and prepared the Perspective/Strategic plan considering the following aspects in tune with the vision, mission and goals of the institution.

- a) To accomplish the recommendations/compliances given by NAAC peer team in 2nd cycle i.e in the cycle-2 accreditation process.

VISION

To impart quality education among students by enhancing their learning aptitude and gearing them with intellectual, physical, analytical and practical capabilities.

MISSION

To build engineers' who will inherit the future so as to meet the needs of commerce and industry by providing human resources with required knowledge, skills and disseminating development along with transferring technology.

OBJECTIVES

To develop portfolio of latest engineering methodologies and skills to enhance engineering effectiveness and achieve academic excellence.

Internal Quality Assurance Cell (IQAC) of SSGBCOET is working sincerely towards fulfillment of the post-accreditation (second cycle) quality measures. Members of IQAC try their best for the consistent and catalytic improvement in every aspect of the institution, and channelize all the efforts for excelling in academic performance. In tune with college vision, mission and objective the cell coordinates all its work and activities so that overall growth can be achieved. IQAC have resolved to follow all good practices to fulfill the compliances asked by the peer team during second cycle of accreditation. The IQAC plays its role to enhance the quality culture in academic and administrative activities in the college and to assist to maintain quality culture in the college with creating a student centric environment .IQAC have initiated the activities for the enhancement of quality. It maintains the documentation of various activities leading to quality enhancement at departmental as well as institutional level. The IQAC carries the benchmarking at the end and beginning of the semester and the future plan is prepared with the help of Principal, IQAC Coordinator, Head of Departments and senior faculty. The feedback from every criterion in charge and IQAC member is discussed and suggestions are taken into account.

Strategic plan for the accomplishment
Of the Recommendations by NAAC Peer Team

Sr. No.	Recommendation	Compliance
1	Cadre ratio needs to be improved	SSGBCOET is working sincerely towards fulfillment of the post-accreditation quality measures.
2	Generate More revenue through consultancy work	Efforts and measures are initiated in said direction
3	College must form Research motivation cell/Scheme for motivating the faculties and student to carry out research. More Incentive schemes should be introduced for quality publications.	Initiated the actions towards improving research culture among faculty and students. It is decided to create more conducive environment for penetrating the research activities.
4	Enrollment percentage should be increased. Diversity amongst students and faculty members need to be increased	Efforts and measures are initiated in said direction
5	The institute may attempt to increase the number of national and international collaborations for value up-gradation	At present, we have linkages with institutes of repute like IITB, IIT Kharagpur through IIT remote learning centre, DBATU, Lonere IETE and ISTE, Infosys, Huewai and many More. It is decided to strengthen the collaborations further more.

6	Skill development programmes for non-teaching staff should be organized on regular basis. More skill development programmes should be provided to students.	Training and Placement Cell of Institute is availing guidance to students so that students can face the competitive environment outside the institute by arranging skill development programs. HRD trainings are planned and implemented for both students and teaching-non teaching staff. Students are deployed to varied industries and organizations for training.
7	Institute should participate in NBA, NABL, NIRF on regular basis.	Institute is currently participating in all IIC activities. Three courses were once accredited by NBA also.
8	NCC and NSS units needs to be established	Efforts and measures are initiated in said direction
9	Canteen should run fully fledged	Canteen is operating

- ✚ Planning for Extension and Outreach activities.
- ✚ Planning for arranging FDP's and Conference.
- ✚ Deciding about Research Policy of the Institute.
- ✚ Detailing of the action plan according to NAAC Peer Team suggestion.
- ✚ Faculty development program: Teachers will be motivated to pursue higher degrees to enhance their knowledge through Faculty Improvement Program (FIP) and will be encouraged to undertake research studies.
- ✚ Student Training programs to be arranged to inculcate the seeds of Entrepreneurship, Startups and Campus opportunities.
- ✚ Infrastructure: Infrastructural improvements according to need. The existing infrastructure will be optimally utilized
- ✚ Industry Institute Interaction: Signing of MOUs with various institutes. The linkages and participation as well as exchange program will be planned with some of them.
- ✚ Faculty Members will be motivated to prepare research projects proposals to submit to the funding agencies.
- ✚ Staff members will be encouraged to participate in various seminars / workshops/ conferences.
- ✚ Participation in National – International Ranking Process.
- ✚ Conducting Quality audits
- ✚ Starting research centers in more branches.
- ✚ Achieving overall Excellence: Academic, Health, fitness and sports facilities will be utilized to full of its potential. Staff and Students will be inspired by providing special facilities for participating at State, National International events so that SSGBCOET will be the centre of excellence.
- ✚ Initiating process of autonomy.

- ✚ Reviewing the need for starting the new courses according to societal and Industrial needs.
- ✚ working on autonomy
- ✚ Planning for arranging FDP's and Conference.
- ✚ Participation in National – International Ranking Process.
- ✚ Conducting Quality audits
- ✚ Faculty development program: Teachers will be motivated to pursue higher degrees to enhance their knowledge through Faculty Improvement Program (FIP) and will be encouraged to undertake research studies.
- ✚ Student Training programs to be arranged to inculcate the seeds of Entrepreneurship, Startups and Campus opportunities.
- ✚ Encouragement for Higher Education in India as well as abroad.
- ✚ Achieving overall Excellence: Academic, Health, fitness and sports facilities will be utilized to full of its potential. Staff and Students will be inspired by providing special facilities for participating at State, National International events so that SSGBCOET will be the centre of excellence.
- ✚ Infrastructure: Modernization and up gradation of IT infrastructure according to need
- ✚ Industry Institute Interaction: Signing of MOUs with various institutes. The linkages and participation as well as exchange program will be planned with some of them.
- ✚ Faculty Members will be motivated to prepare research projects proposals to submit to the funding agencies.
- ✚ Staff members will be encouraged to participate in various seminars / workshops/ conferences.
- ✚ Starting research in more branches.

-  Participation in National – International Ranking Process and Conducting Quality audits
-  Make association with different institutes and universities of repute
-  Adopting to autonomous culture
-  Teaching learning process: ICT- based classroom teaching will be enhanced. The expert lectures in various subjects will be organized. Short term and Add- on courses will be run effectively.
-  Faculty development program: Teachers will be motivated to pursue higher degrees to enhance their knowledge through Faculty Improvement Program (FIP) and will be encouraged to undertake research studies.
-  Research Project: Teachers will be motivated to prepare research projects proposals to submit to the funding agencies like UGC, university research cell, DST, as well as to participate in various seminars / workshops/ conferences. The college intends to start research centers in more branches.
-  Student support and progression: more focus will be put on the overall development of the students by encouraging them to participate in various cultural, co-curricular and sports activities along with academic involvement.
-  Infrastructure: Infrastructural requirements in the form of classrooms, laboratories and instruments will be enhanced as per the need of growing strength of courses and students. The existing infrastructure will be optimally utilized
-  Administrative wing: Training program for the administrative staff will be organized to create healthy atmosphere and to facilitate students by using ICT and advanced technology
-  Industry Institute Interaction: Signing of MOUs with various institutes. The linkages and participation as well as exchange program will be planned with some of them.
-  Competitive Exams guidance center activities on regular basis will be enhanced.
-  Achieving overall Excellence: Staff and Students will be inspired by providing special facilities for participating at State, National International events so that SSGBCOET will be the centre of excellence. Academic, Health, fitness and sports facilities will be utilized to full of its potential.

Plan of Action for the Year

2027-2028

-  Conduct Gender audit, Green Audit and Energy audit of the college campus.
-  Adopting the culture of Autonomy.
-  Organize International Conference.
-  Enhance Entrepreneurship , job skills and ensure placement
-  Organize different Courses/ Trainings
-  Organize workshops lectures on women's issues
-  Organize Self-defense workshop for girls.
-  Organize workshop on 'Competitive Examinations
-  Organize Technical Fiesta
-  Enhance the research aptitude of teachers and students
-  Organize International, National and State level conferences, workshops, seminars etc.
-  Participation in National – International Ranking Process.
-  Conducting Quality audits
-  Implement extra-curricular and other activities
-  Create awareness about clean and green campus, and conduct green audit of the campus.
-  Conduct Academic and Administrative Audit (AAA)
-  Identify the recent trends in technology and possibility to propose and start new course
-  Plan up-gradation of ICT tools.
-  Preparation for accreditation

Plan of Action for the Year

2028-2029

-  Preparing for NAAC 3rd cycle accreditation
-  Adopting the culture of Autonomy.
-  Increase interaction with institute of repute like IITs, NITs etc
-  Arranging long term program on entrepreneurship development
-  Boost the activities of Research Center
-  Identifying need for extension of the physical Infrastructure
-  Enhancement of use of ICT in teaching Learning processes
-  Involvement of more faculty members and students in research activity
-  More activities of industry-Institute interaction
-  Develop Virtual and Digital Classrooms.
-  Planning of international conference
-  Planning of FDP
-  Participation in National – International Ranking Process.
-  Conducting Quality audits