



Shri Shivaji Education Society, Amravati's
SCIENCE COLLEGE

Congress Nagar, Nagpur - 440 012 (M.S.) INDIA

'A+' Grade with 3.51 CGPA in 3rd Cycle
College with Potential for Excellence
Recognised Centre for Higher Learning & Research
Institutional Member of APQN
A Mentor College under UGC PARAMARSH Scheme
An ISO 21001:2018 Certified Institution
NIRF 2024 Rank-band : 201-300



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PERSPECTIVE PLAN

2017-2024

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(2017-2024)

The primary aim of IQAC is to develop a system for conscious, consistent, and catalytic action to improve the institution's academic and administrative performance and promote measures for institutional functioning towards quality enhancement through internalization of quality culture and institutionalization of best practices. In pursuance of this aim, the IQAC of SSES Science College, Nagpur is proactively involved in planning, guiding, and monitoring the Quality Assurance (QA) and Quality Enhancement (QE) activities of the institution.

As a post-accreditation measure, the IQAC has prepared a Perspective Plan for progressive growth in academic as well as administrative matters of the college. To prepare this plan, the IQAC has considered the vision and mission documents of the college and the quality benchmarks specified by NAAC in terms of various criteria in the NAAC manual. The IQAC has also taken initiatives to obtain inputs from all stakeholders i.e. the Governing Body, Principal, Faculty members, the Non-teaching staff, Students, Alumni, Parents body, and well-wishers of the college. This perspective plan covers seven years.

Effective deployment of the Institutional Perspective Plan

Due to changes in the global scenario, technology revolution in the industries, and digitization, the institutions are to be competitive in upgrading themselves to meet the stakeholders' expectations. A series of brainstorming sessions with the stakeholders were conducted to chalk out a strategic plan for 2017-2024 for the institute. Based on the deliberations of the SWOC Analysis a strategic plan (2017-2024) has been developed concerning the following aspects:

Teaching – Learning Process:

- To introduce an online mechanism to collect feedback from all stakeholders on teaching-learning, infrastructure/physical facilities, etc.
- To augment resources to motivate faculty to use ICT-based teaching methods.
- To engage students in extension activities and outreach programs.
- To conduct remedial classes and special coaching for slow learners.
- To incorporate various methods of continuous internal evaluation like group discussion, quizzes, debate seminars, etc. To encourage teachers to guide and mentor students

Research and Development

- To form a Research and Development cell.
- To motivate faculties to get engaged in research projects, and publications in various research journals.
- Career counseling and Placement cell to establish institute-industry interface.
- College to adopt villages to engage and sensitize students to community service.
- NSS, NCC, and other cells/ departments to engage in extension activities.
- Blood donation and free health check-up camps to be organized regularly.
- MoUs with other institutions for collaborative activities.

Engagement Internationalization

The strategic planning document developed served as a monitoring tool for self-appraisal at various levels and also be a guiding document from the Management to Staff level. These plans are deployed through a systematic means by empowering the concerned stakeholders and providing them with the necessary resources to make the plans happen. The accomplishment of those plans is evident through NIRF Ranking, Publications R & D projects various third-party assessments, etc.

Effective Functioning of the institutional bodies

Shri Shivaji Education Society Amravati, chairman & President will interact with the college development committee to frame directive principles and policies, amend and approve them from time to time, and review the functioning of the college. The management provides necessary funding to develop, maintain, and improve the quality of infrastructure, faculty, teaching-learning process, and research. The college committee regularly reports to the Chairman of the society through regular monthly meetings about the regular academic and administrative works that are carried out in the Institution. The principal is the authority for all academic-related activities and regular administrative functions. He raises proposals to provide the necessary resources to achieve the said goals, vision, and mission. Also, he is responsible for framing policies and action plans for achieving the expected outcomes. He is assisted by The Co-ordinators and The Head of Departments (HoDs) in implementing the policies and ensuring the achievement of the goals. Coordinators assist the Principal in executing administrative and policy-based activities related to affiliation, student affairs, planning, R&D, curriculum design, accreditation, and ranking of the Institution.

Hods are given autonomy in carrying out their academic functions. They make decisions related to all academic matters and delegate the work to faculty in a decentralized manner. They are involved in various activities including teaching, student development, faculty development activities, and staff development activities.

ACADEMIC ASPECTS

Selection of Qualified Teachers

Teaching faculty positions will be filled with qualified, eligible candidates appointed following UGC, Maharashtra government, and RTMN University guidelines & policies.

Conducting academic audits

Every academic year, there will be a regular practice of academic audit and assessment of the (Performance Based Appraisal System PBAS and Confidential report).

The application of ICT in the teaching and learning process

To improve the effectiveness of teaching and learning evaluation, use innovative teaching and learning resources such as OHPs, LCDs, PowerPoint presentations, models, and internet connections. Smart classrooms (Multimedia Room) are to be built, and Fiber Optics FTTH connections are to be established on campus.

Development of Linkages

To establish links with academic institutions (MOU), academic bodies, and industries to carry out curricula.

A Transparent Admissions Procedure

To strengthen the well-defined, transparent admission process based on merit, in conjunction with the reservation policy, and will continue to do so in the future.

Add-on courses and outdoor visits

We have traditional programs such as B.Sc., M.Sc., BCA, MCA, and others where faculty provides basic knowledge as well as the desired level of skills. These programs will be strengthened by the addition of various complementary systems such as certificates, add-on courses, and outdoor visits to supplement study.

Guest Lecture Series To organize guest lectures to widen the gyre learners' knowledge horizons.

Parent – Teacher Meetings

Meetings with parents will be held regularly to discuss student attendance and performance and to encourage parents to participate in improving their children's academic performance

Access to Information

The college will continue to provide easy access to daily newspapers, journals, periodicals, and the Internet in the library and reading rooms. We will subscribe to additional journals and periodicals to supplement our reading resources.

Academic Calendar

The academic, co-curricular, and extra-curricular activities for the academic year will be planned in the academic calendar before the commencement of every year.

Assignment of Academic Work

Academic, co-curricular, and other related work will be distributed among the staff through the formation of various committees and associations.

Organization of Seminars / Workshops / Faculty Development Programmes

The college will continue to make efforts to organize seminars/ workshops/ faculty development programs in collaboration with UGC, DST, and others to improve faculty quality.

Evaluation of Teachers by Students

The college will strengthen the system of teacher evaluation by students by having them fill out a feedback form, which will allow teachers to develop a sense of accountability, confidence, and readiness to receive criticism, as well as openness, introspection, and acceptance of situations to improve their teaching performance. The review of student evaluations of teachers will be considered, and suggestions for improvement will be made to the teachers.

Self-Appraisal of Teachers

We will strengthen teachers' self-evaluation systems, allowing them to recognize their academic standards and engage them in various activities to help them excel in their academic performance.

Regular Meetings

College Council meetings will be held regularly to collect feedback on teaching and evaluation, as well as to ensure that the lecture plan is followed.

Achievement Recognition

The college will maintain its policy of recognizing and rewarding faculty for their achievements in academics, social, and personal life.

Research

The Research Committee will meet regularly to identify research potential, promote research, and prepare research proposals. The college will make ongoing efforts to secure research grants from funding agencies such as the UGC, DBT, and DST.

EXTENSION ACTIVITIES

- To strengthen the NSS unit.
- The library facility will be extended to students taking up competitive examinations from the surrounding areas.
- The sports infrastructure will be made available to NGOs & Communities and other organizations.
- A Gymnasium will be made available to residents of the surrounding area.
- The department of NCC will provide physical training to alumni and candidates taking police examinations.
- With the assistance of the NCC department, the college will assist the Police Department in maintaining law and order during festivals.
- Workshops on acting for the Social Association will be organized.
- Various departments will organize a variety of outreach programs.
- A directory of blood donors will be created. Blood will be donated to needy patients at no cost during an emergency.
- A sports and training field will be made available to NGOs, GOs, associations, and other neighboring institutions and organizations, among others.

INFRASTRUCTURE

Ongoing enhancements to infrastructure and learning resources.

- Creation of new infrastructure and learning resources.
- Access to a sufficient average area of infrastructure per student.
- Making the best use of available infrastructure and learning resources.
- Infrastructure and learning resource upkeep.
- A Meeting hall with audio-visual equipment.
- High-quality furnishings
- Faculty rooms with departmental libraries, computers, and internet access.
- Coolers and water purifiers for drinking water.
- An adequate number of toilets for both male and female students and staff.
- Establish a well-equipped gymnasium.
- The solar facility ensured a continuous and uninterrupted flow of electricity.
- A rooftop botanical garden.
- To place Fire Extinguishers

ALUMNI

- To have a registered alumni association.
- To provide access to the library and reading rooms to alumni and to invite Alumni to the social, cultural, and academic events of the college for greater participation.



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