

INSTITUTIONAL DEVELOPMENT PLAN (IDP) UNDER NEP 2020



Government Science College, Veraval

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362265

**DEPARTMENT OF HIGHER EDUCATION
GOVERNMENT OF GUJARAT**

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1. Executive Summary

Government Science College, Veraval, established in 2016, is a government-run, co-educational urban institution affiliated with Bhakta Kavi Narsinh Mehta University, Junagadh. The college is currently navigating a transitional phase, moving from its current rented premises to a permanent building that is presently under construction. The Institutional Development Plan (IDP) 2023 outlines a strategic roadmap to overcome infrastructure limitations and align the college with the requirements of NEP 2020.

- **Overview of the Institution's Current Status**

- **Academic Profile:** The college offers an undergraduate B.Sc. programme with a sanctioned annual intake of 120 students.
- **Infrastructure:** Current facilities are limited, consisting of five classrooms (one 80-capacity and four 20-capacity) and a library containing approximately 1,196 books. There are currently no hostel facilities for boys or girls.
- **Staffing:** While the institution possesses dedicated teaching and non-teaching staff, it faces challenges due to a shortage of sanctioned posts and a reliance on contractual or part-time engagements.
- **Internal Quality:** A functional IQAC cell is in place, having held 12 meetings over the last three years to monitor quality improvements.
- **Key Strengths:** The college benefits from a location advantage, a vibrant NCC Navy wing, and dedicated NSS volunteers.

- **Vision, Mission, and Strategic Goals**

- **Vision:**

- Government Science College, Veraval College was established with the vision of promoting quality education in the surrounding areas. The College aims at creating an optimal and enriching learning environment for students to pursue their academic and sporting dreams. The College prioritizes on fostering student development, both personal and professional, in order to contribute effectively to societal needs and establish themes as an entity of the society.
- Quality education being imparted here, will enable students to be not only successful in individual life but also responsible and socially worthy citizens of the country. While doing this, emphasis is given on moral and spiritual uplift of the students and also on gender equity, with a view to creating a healthy environment in the society. Apart from these, the institution can create unity and harmony among people living in and around the area, belonging to different castes, community and religions.

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- **Mission:**

The initial mission is to provide quality higher education to the students. To achieve this, apart from class room interaction, seminars, group discussion and other extra-curricular activities are arranged frequently.

Efforts are being made to develop scientific temperament and instill humanitarian values in young minds. Importance is given on the holistic

development of the students through various skill development programme and on creating awareness among them towards the problems of the society.

Mission of the college is to:

- Produce thinkers, effective communicators and life-long learners.
- Empower the students to contribute to all round development of society and nation building process.
- Lead higher education toward inclusive excellence.
- Provide professional development for aspiring rural and urban students.
- Create gender equity and mutual respect, so that a strong and healthy society is emerged.
- To develop human potential (potentials of the rural and urban youth) to its fullest extent so that intellectually capable and imaginatively gifted leaders can emerge in a range of professions (in the professional areas)
- Provide life-long education that produces graduates with the skills necessary to sustain a caring, supportive climate throughout the College

- **Strategic Goals:**

- Academic Expansion: Introduce new courses that are skill-focused and responsive to industrial demands to improve student employability.
- Infrastructure Modernisation: Transition from rented premises to a well-equipped campus featuring smart classrooms and specialized labs.
- Professional Development: Enhance faculty competency in academic proficiency, communication, and administrative capacity.
- Social Responsibility: Increase community engagement and pro-environmental initiatives.

- **Key Initiatives of the Institutional Development Plan**

The IDP proposes a total budget of **Rs. 1.70 Crore** to implement several transformative initiatives:

- Digital Transformation:
 - Establishment of five Digital/Smart Classrooms (Estimated cost: Rs. 0.20 Crore).
 - Creation of a MOOC & Digital Recording Studio to facilitate blended learning and recorded lectures (Estimated cost: Rs. 0.18 Crore).
 - Development of a 25-seat Computer Centre with high-end master configurations.
- Skill and Employability Enhancement:
 - Establishment of a 48-seat Skills Lab focusing on communication skills, life skills, and soft skills training (Estimated cost: Rs. 0.41 Crore).
 - Implementation of Finishing School activities and entrepreneurship training.
- Facility Upgrades:
 - Modernisation and strengthening of Botany, Chemistry, Physics, and Zoology laboratories.
 - Upgrading the library to align with NEP 2020 standards.
 - Installation of CCTV cameras across the campus for enhanced safety and monitoring.
- Support for Disadvantaged Groups:

- Providing extra classes and recorded training through the MOOC studio specifically for SC/ST and weak/backward students to improve their employability.

2. Institutional Profile

- **Year of Establishment:** Government Science College, Veraval was established in 2016.
- **Type of Institution:** The college is a government-run institution. It is a co-educational facility located in an urban area.
- **Accreditation and Affiliations:** The institution is affiliated with Bhakta Kavi Narsinh Mehta University, Junagadh. While it currently holds temporary affiliation, the process for permanent affiliation is in progress. The college has not yet undergone NAAC accreditation for its first or second cycles.
- **Academic Programmes Offered:** The college offers a Bachelor of Science (B.Sc.) at the undergraduate level. This is a three-year programme with a sanctioned annual intake of 120 students.
- **Faculty and Staff Strength:** The institution reports having dedicated teaching and non-teaching staff, though it currently faces a shortage of sanctioned and filled posts. To address these gaps, the college utilizes temporary arrangements through contractual and part-time engagements for both academic and administrative activities.
- **Student Demographics:** The student population is characterized by a wide variety of individuals from a multi-ethnic domain, serving both rural and urban youth. The demographic includes students from economically backward backgrounds and SC/ST categories. The institution also manages a vibrant NCC Navy wing and a group of dedicated NSS volunteers. There are currently no students residing in hostels, as the college does not yet possess on-campus housing facilities.

3. SWOC Analysis

- **Strength:**

1. Sufficient area of college building and auditorium under construction for future growth an extension of the institution.
2. Eco-friendly campus environment
3. The institution has dedicated teaching and non-teaching staffs
4. Wide variety of students from multi-ethnic domain
5. Achievement in sports and culture
6. A vibrant NCC Navy wing & dedicated NSS volunteers
7. Accessibility and connectivity of the institution has a location advantage.
8. The IQAC is continuously involved in enhancing the quality education and it is well-supported by Management and stakeholders in the formation and implementation of its policy.
9. The teachers are involved in social service and various programmes in the area.
10. Healthy relationship between teachers and students.
11. Well-equipped laboratories & enriched library
12. Effective implementation of the curriculum prescribed by the affiliating university.

- **Weakness:**

1. The college building is under construction. So, we are having limited infrastructure.
2. Financial limitation
3. Participation of alumni is less than desired level.
4. As per requirement, the institution has less number of sanctioned posts and filled up post for teaching as well as non-teaching staff.
5. Temporary arrangement for teaching and non-teaching activity with contractual/part time engagements.
6. Limited digital infrastructure. Need to create smart class, MOOC studio to record online lectures, Skill development lab to provide employability skill training, etc.
7. Industrial support is inadequate.
8. Since our college is affiliated under University, we follow the curriculum of the university, not our own curriculum. We would like to offer other courses also which can generate more employability.

- **Opportunity:**

1. To provide quality education to rural/urban students. It is one of the important institution in rural/urban area. We have sufficient land/building for and can introduce UG/PG in different subjects, digital education and other short term courses also. By the proper facilities we can provide better employment to students and develop their spirits to nation-building.
2. Can be the guiding force towards bringing positive change in the society.
3. Suitable ambience for creating a harmonious environment.
4. Potential for research to usefulness in the path of human welfare and development.
5. Potential for extending the program “No Use of Plastics” in rural/urban areas.
6. For widening the scope of employment, short term training courses or workshop can be organized. There is greater possibility of networking among the alumni. Potential for

extending facilities of competitive examination preparation for students of rural/urban areas.

7. Potential to provide IT literacy training to rural/urban students of the area.

- **Challenges:**

1. Economically backward area, so students are not sound in online path i.e. android mobile are not sufficient as required in online process, but we try to compensate the gap.
2. As the college was established in rural/urban area, it has to withstand pressure during admission to enroll a large number of students.
3. Parents-teachers Meet – all departments try to make it much fruitful.
4. Lack of sufficient provision of Transport facility.
5. Campus recruitment
6. The College does not get proper infrastructure and facilities at present, so, the students are likely move to neighboring district.
7. Meeting the challenges of highly competitive job market and higher education avenues.

4. Vision, Mission, and Core Values

- **Vision Statement** : Aspire to be a center of excellence in the state by imparting quality education and providing excellent platform for employability, entrepreneurship and higher studies with moral values.
- **Mission Statement** : To prepare insightful and visionary science graduates through innovative teaching–learning practices. To ensure that the maximum number of students are employed or enabled for higher studies or become entrepreneurs. To establish and maintain an effective and stimulating academic ambiance. To emphasize value education, providing flexibility in courses, aiming to equip youth to face the future as a responsible and committed citizen of an evolved society. Provide quality higher education in wide-ranging areas accompanied by extramural and outreach activities with a sense of completeness. Development of the environment where academic and research pursuits can be nurtured to enable youth to attain optimal levels of academic excellence and professional competence. Endeavor for concerted linkages with industry, research laboratories, professional bodies and statutory organizations for the mutual benefit in providing quality service. To provide adequate opportunities for the development of the students, staff and faculties by means of training and research.
- **Core Institutional Values** : the Core Institutional Values of Government Science College, Veraval, are centred on the holistic development of students as both professionals and responsible citizens. These values include:
 - **Social Harmony and Equity:** The institution prioritises gender equity and mutual respect as foundations for a healthy society. It strives to foster unity and harmony among individuals from diverse castes, communities, and religions within the surrounding area.
 - **Moral and Spiritual Uplift:** A significant emphasis is placed on the moral and spiritual growth of students. The college’s strategic objectives include making specific provisions for value education to ensure students become "socially worthy citizens".
 - **Scientific Temperament and Humanitarianism:** The college is dedicated to developing a scientific temperament while simultaneously instilling humanitarian values in its students.
 - **Inclusive Excellence:** The mission of the college is to lead higher education towards inclusive excellence, ensuring that both rural and urban youth have the opportunity to develop their potential to the fullest.
 - **Holistic Development and Lifelong Learning:** The institution values the creation of thinkers, effective communicators, and life-long learners. It aims to produce "intellectually capable and imaginatively gifted leaders" who can contribute to nation-building.
 - **Social and Environmental Responsibility:** The college fosters awareness of societal problems and encourages students to contribute to the welfare of humanity. This extends to environmental stewardship, such as promoting "No Use of Plastics" initiatives in the local community.
 - **Caring and Supportive Climate:** The institution aims to sustain a caring and supportive environment that facilitates personal and professional academic dreams.

5. Strategic Goals and Objectives

The strategic roadmap for Government Science College, Veraval, is designed to facilitate a transition from its current rented premises to a modern, technologically advanced permanent campus while enhancing academic quality and student employability.

• Short-Term Goals (1–2 Years)

In the immediate future, the institution focuses on infrastructure establishment and foundational skill development through the implementation of the Institutional Development Plan (IDP) budget:

- **Infrastructure Completion:** Transitioning from the current rented building to the permanent college building and auditorium presently under construction.
- **Digital Integration:** Establishing five digital/smart classrooms, a MOOC and Digital Recording Studio for blended learning, and a 25-seat Computer Centre.
- **Skill Enhancement:** Setting up a 48-seat Skills Lab to provide dedicated training in communication, soft skills, and life skills.
- **Security and Maintenance:** Installing CCTV cameras across the campus and strengthening the Botany, Chemistry, Physics, and Zoology laboratories.
- **Academic Support:** Implementing a monitoring system to provide extra academic support for weak and backward students (including SC/ST categories) through recorded lectures and extra classes.
- **Faculty Competency:** Initiating monthly faculty improvement programmes and training in innovative teaching methodologies and administrative capacity.

• Medium-Term Goals (3–5 Years)

The medium-term focus shifts toward academic expansion and quality certification:

- **Accreditation and Affiliation:** Securing permanent affiliation with Bhakta Kavi Narsinh Mehta University and initiating the first cycle of NAAC Accreditation.
- **Curriculum Expansion:** Introducing new UG and PG courses in different subjects and short-term add-on courses to increase student intake and improve employability.
- **Library Digitalisation:** Completing the digitalisation of the library and expanding the collection of text and reference books to align with NEP 2020 standards.
- **Industry Liaison:** Establishing formal networking with local industries to facilitate campus recruitment and vocational training opportunities.
- **Financial Sustainability:** Increasing revenue sources through student fees for extra courses and seeking donations from the public and stakeholders.

• Long-Term Goals (Beyond 5 Years)

The long-term vision aims at sustained excellence and societal leadership:

- **Research and Development:** Establishing a robust research culture with identified thrust areas and facilitating project funding from national agencies like UGC or DST.
- **Inclusive Excellence:** Leading higher education toward inclusive excellence, empowering both rural and urban youth to become "intellectually capable and imaginatively gifted leaders".
- **Alumni Engagement:** Developing a strong, active alumni network to provide mentorship, guidance, and support for institutional growth.
- **Social and Environmental Impact:** Serving as a guiding force for positive social change through expanded community engagement programmes, such as the "No Use of Plastics" initiative.
- **Advanced Resource Planning:** Evolving the institution's E-Governance (ERP & MIS) and financial management systems to ensure flawless, modern administrative operations.

6. Key Focus Areas

The Institutional Development Plan (IDP) for Government Science College, Veraval, prioritises the following areas to align with NEP 2020 and transition into its new permanent campus.

- **Academic Excellence**
 - **Quality Delivery:** The institution focuses on providing quality higher education through interactive classrooms, seminars, and group discussions.
 - **Curriculum Management:** The college strictly follows the curriculum prescribed by Bhakta Kavi Narsinh Mehta University, using monthly supervision to ensure the syllabus is completed within the set timeframe.
 - **Expansion:** To improve academic reach, there are plans to introduce new UG and PG courses in various subjects and offer skill-focused add-on courses.
 - **Monitoring:** The college uses a 360-degree feedback system, including student feedback and self-appraisal, to maintain high teaching standards.
- **Research and Innovation**
 - **Future Initiatives:** While current research initiatives are limited, the institution aims to identify thrust areas for research and facilitate project funding from national agencies like UGC, DST, and CSIR.
 - **Societal Impact:** The college identifies a high potential for research that contributes directly to human welfare and development.
 - **Academic Exchange:** The institution tracks growth through participation in national and international conferences and workshops.
- **Faculty Development**
 - **Competency Building:** The IDP focuses on improving faculty proficiency in academics, communication, and administrative capacity.
 - **Continuous Training:** Planned initiatives include monthly faculty improvement programmes, language training, and brainstorming sessions.
 - **Innovative Pedagogy:** Faculty will receive training in ICT-integrated teaching and innovative methodologies to support blended learning.
- **Infrastructure Development**
 - **Permanent Campus:** The institution is currently transitioning from a rented building to a permanent college building and auditorium that is under construction.
 - **Laboratory Modernisation:** A budget of Rs. 0.10 Crore is allocated for strengthening Botany, Chemistry, Physics, and Zoology laboratories.
 - **Security and Facilities:** Development plans include the installation of CCTV cameras across the campus and the creation of common rooms and improved drinking water facilities.
- **Industry Collaboration**
 - **Networking:** Recognising that current industrial support is inadequate, the college plans to establish active liaisoning with local industries to improve campus recruitment.
 - **External Agencies:** The college intends to invite experts from the District Industries Centre (DIC), MSME, and banking sectors to provide vocational guidance and entrepreneurship training.
- **Student Support and Employability**
 - **Skills Lab:** A dedicated 48-seat Skills Lab (estimated at Rs. 0.59 Crore) will be established to provide training in communication, life skills, and soft skills.
 - **Support for Disadvantaged Groups:** The college provides extra classes and recorded lectures specifically for SC/ST and economically backward students to bridge the employability gap.

- **Placement Services:** The institution is implementing Finishing School activities and entrepreneurship training to prepare students for a competitive job market.
- **Digital Transformation**
 - **Smart Infrastructure:** The IDP includes the establishment of five digital/smart classrooms featuring interactive touch displays and digital podiums.
 - **Blended Learning:** A MOOC and Digital Recording Studio is planned to facilitate the creation of online lectures and support blended learning.
 - **Computer Centre:** A new 25-seat Computer Centre with high-end configurations (Intel Core i9/i5) and licensed software will be established to promote IT literacy.
 - **E-Governance:** The college has already implemented ERP and MIS for institutional governance and maintains a digital library management system.
- **Sustainability and Green Campus Initiatives**
 - **Eco-Friendly Environment:** The college maintains an eco-friendly campus and conducts Energy and Green Audits.
 - **Community Awareness:** The institution leads the “No Use of Plastics” program in both rural and urban areas.
 - **Environmental Budget:** Funds are specifically allocated for tree plantation and health and safety awareness activities.
- **Internationalisation**

The provided sources do not contain specific information regarding international partnerships or internationalisation strategies, other than tracking faculty participation in international conferences.
- **Promotion of Knowledge of India**
 - **Values and Ethics:** The institution emphasises moral and spiritual uplift and the development of humanitarian values in young minds.
 - **Social Harmony:** A core goal is to create unity and harmony among people of different castes, communities, and religions, fostering mutual respect and gender equity within the Indian social context.

7. Action Plan and Implementation Strategy

The institution's implementation strategy is centred on transitioning from its current rented premises to a modern, digitally-equipped permanent campus while maintaining academic rigor and enhancing student employability.

• **Planned Activities**

The execution plan focuses on both academic and infrastructural improvements:

- **Academic Improvement:** Timely conduct of classes to complete the syllabus, engaging guest or contractual faculty as needed, and establishing a monitoring system to provide additional academic support for weak and backward students.
- **Infrastructure Establishment:** Creating five Digital/Smart Classrooms, a MOOC and Digital Recording Studio for blended learning, a 25-seat Computer Centre, and a 48-seat Skills Lab.
- **Student Support:** Providing career guidance through periodic meetings with carrier guides, liasoning with local industries for campus recruitment, and offering vocational training through agencies like DIC and MSME.
- **Faculty Development:** Holding monthly faculty improvement programmes and brainstorming sessions to enhance communication and administrative capacity.
- **Safety and Facilities:** Installing CCTV cameras to cover the entire campus, strengthening laboratories (Botany, Chemistry, Physics, and Zoology), and improving drinking water and common room facilities.

• **Responsible Authority / Department**

- **Leadership:** The Principal (Dr. Smita B. Chhag) and the IDP Coordinator (Shri Vikram D. Bakotra) oversee the overall implementation of the plan.
- **Quality Control:** The IQAC cell is responsible for monitoring quality improvements and implementing policies.
- **Maintenance:** The entire staff is engaged in the monitoring and maintenance of academic and non-academic infrastructure.
- **Governance:** The Governing Body meets as and when required to approve and oversee institutional activities.

• **Implementation Timeline**

The institution is currently in a transitional phase, with the permanent college building and auditorium under construction. Academic planning and student intake profiles are currently targeted for the 2025-2026 academic year. Performance reviews, such as attendance management, are conducted biannually, while syllabus completion is monitored via monthly supervision.

• **Estimated Budget**

Sl. No.	List of Activities	Specify	Estimated Cost (Rs. In Crore)	Detail Project Report attached
1.	Modernization and strengthening of laboratories including contractual technicians' recruitment			
2.	Renovation of existing infrastructure			
3.	Establishment of new laboratories	Computer Lab with furniture and acoustic	0.50	Yes
4.	MOOCS & Digital recording Studio	For Blended Learning	0.18	Yes
5.	Books	NEP 2020		
6.	Development of communication skill training	Establishment of Skills Lab	0.41	Yes
7.	Laboratory equipment	Botany, Chemistry, Physics, Zoology	0.10	
8.	Drinking water	Common Rooms -03		
9.	Sports equipment	Volley Ball, Cricket, Badminton, etc.		
10.	Modernization of classrooms	Digital / Smart Class rooms (5)	0.20	Yes
11.	CCTV Cameras	To cover whole campus and classes	0.11	
12.	Engagement of Guest Faculty			
13.	Training for Faculty (including pedagogical training, administrative, academic matters) and Non-teaching staff		0.05	
14.	Training for students (specify type of training)	Entrepreneurship and Employability Skills training	0.05	
15.	Environment, Health & Safety related activities/items	Tree Plantation, Awareness for Health & Safety	0.05	
16.	Skill development programs		0.05	
17.	Others(specify)			
Total			1.70	

- **Key Performance Indicators (KPIs)**

The college measures success through the following metrics:

- **Academic Success:** Strict adherence to lesson plans and syllabus completion within set timeframes.
- **Employability:** Number of students successfully completing Finishing School and receiving placement opportunities through industry liasoning.
- **Resource Utilization:** Daily attendance and library/computer lab usage rates.
- **Digital Reach:** The number of recorded lectures produced by the MOOC studio and utilised by students, particularly those from disadvantaged backgrounds.
- **Accreditation Progress:** Progression toward securing permanent affiliation and preparing for the first cycle of NAAC accreditation.

- **Review Mechanism**

To ensure flawless implementation, the institution employs several monitoring systems:

- **Feedback Loops:** A 360-degree feedback system involving student feedback, faculty self-appraisal, and Confidential Report (CCR) ratings.
- **Performance Monitoring:** The introduction of daily performance reports for students and faculty.
- **Internal Audits:** The IQAC holds regular meetings (12 in the last 3 years) to track quality improvements.
- **Institutional Audits:** Regular conduct of Academic, Financial, and Administrative audits. For instance, a major audit was completed in March 2025 covering the period of 2019-2024.

8. Monitoring and Evaluation

The institution has established a multi-layered approach to ensure the flawless implementation of its administrative, academic, and financial systems. This framework includes regular internal supervision, formal audits, and structured feedback loops.

- **Progress Tracking Mechanism**

To monitor day-to-day and long-term progress, the college employs several systematic tracking tools:

- **Academic Supervision:** The completion of courses within the set timeframe is monitored through monthly supervision. Faculty members are required to follow detailed lesson plans strictly.
- **Performance Reporting:** The institution has introduced a daily performance report for both students and faculty to track effective learning outcomes.
- **Attendance Management:** Student and faculty attendance is managed biannually using manual recording methods.
- **Infrastructure Maintenance:** The entire staff is actively engaged in monitoring mechanisms for the maintenance of academic and non-academic infrastructure.
- **Institutional Audits:** The college conducts regular Academic, Financial, and Administrative audits. The most recent comprehensive audit was completed in March 2025, covering the period from 2019 to 2024.

- **Mid-Term Review and Feedback**

Review processes are designed to foster continuous improvement for both staff and students:

- **IQAC Oversight:** The Internal Quality Assurance Cell (IQAC) is the primary body responsible for quality improvement. It has held 12 meetings over the last three years to monitor and evaluate institutional progress.
- **360-Degree Feedback:** The performance of faculty members is appraised using a 360-degree feedback system, which incorporates student feedback, self-appraisal, and Confidential Reports (CCR).
- **Faculty Improvement:** Evaluation ratings are communicated directly to teachers to facilitate professional growth. Additionally, staff engagement practices include regular training and counselling on performance.

- **Stakeholder Involvement**

The institution actively involves a diverse range of stakeholders in its governance and developmental planning:

- **Policy Formation:** The IQAC is well-supported by management and stakeholders in the formation and implementation of institutional policies.
- **Strategic Planning:** Strategic goals for the Institutional Development Plan (IDP) are prepared after consulting students, parents, the Governing Body, alumni, and well-wishers.
- **Communication Channels:** The college organises periodic meetings involving parents, students, and teachers to maintain open lines of communication. All departments specifically work to make Parent-Teacher Meets fruitful.
- **Grievance Redressal:** A formal grievance redressal mechanism is in place that represents all stakeholders, including both staff and students.
- **Community and Industry Links:** The college seeks to improve communication with local leaders and industries. This includes inviting career guides to provide vocational

direction and engaging with agencies like the District Industries Centre (DIC) and MSME.

9. Risk Management

Based on the SWOC (Strengths, Weaknesses, Opportunities, Challenges) analysis and the strategic goals outlined in the Institutional Development Plan (IDP), the college has identified several internal and external risks alongside specific strategies to mitigate them.

• Identification of Risks

The institution faces several challenges that could impact its growth and the quality of education provided:

- **Infrastructure Deficiencies and Student Migration:** The college currently operates from a rented building with limited facilities, which creates a risk that students may move to neighbouring districts to find better infrastructure.

- **Staffing Shortages:** There is a significant risk to academic stability due to the shortage of sanctioned and filled posts, leading to an over-reliance on contractual and part-time staff.

- **Digital Divide:** Because the college serves an economically backward area, many students lack the necessary hardware (such as android mobiles) required for online learning and administrative processes.

- **Lack of Employability and Industry Links:** Inadequate industrial support and a lack of campus recruitment present a risk to the career prospects of graduates.

- **Financial Limitations:** The institution operates under financial constraints that may hinder the rapid expansion of facilities and courses.

- **Logistical Challenges:** The lack of sufficient transport facilities and the pressure of large student numbers during admission periods pose operational risks.

• Mitigation Strategies

To address these risks, the college has proposed the following strategies within its IDP:

- **Infrastructure Completion:** To prevent student migration, the institution is prioritising the completion of its permanent college building and auditorium, which are currently under construction.

- **Technology Access:** To bridge the digital divide, the college plans to establish a 25-seat Computer Centre and five Digital/Smart Classrooms, providing students with on-campus access to high-end IT infrastructure.

- **Blended Learning Support:** The establishment of a MOOC and Digital Recording Studio will allow the college to record lectures, ensuring that students who lack personal devices can access educational content during college hours.

- **Employability Enhancement:** To counter the lack of industry support, the college is establishing a Skills Lab and formalising liaisoning with local industries and agencies like DIC, MSME, and banking guides to provide placement opportunities.

- **Staffing Augmentation:** The college intends to engage guest and contractual faculty under the project budget to ensure all academic requirements are met despite the shortage of permanent sanctioned posts.

- **Revenue Diversification:** To mitigate financial limitations, the institution plans to increase revenue through student fees for extra courses and by seeking donations from the public and stakeholders.

- **Targeted Academic Support:** Faculty will be motivated to engage with weak and backward students by factoring extra support sessions directly into the timetable to ensure inclusive academic success.

10. Budget and Financial Plan

The institution has outlined a comprehensive financial roadmap as part of its Institutional Development Plan (IDP), with a total estimated budget of **Rs. 1.70 Crore** to achieve its strategic goals under NEP 2020.

• Financial Requirements

The budget is allocated across key academic, technological, and infrastructural categories to modernise the college's capabilities. The primary financial requirements include:

• Technology and Digital Infrastructure:

- **Computer Lab:** Establishment of a facility with furniture and acoustics (Rs. 0.50 Crore). A specific Detailed Project Report (DPR) for a 25-seat Computer Centre estimates the final cost at Rs. 35,40,000 inclusive of GST.

- **MOOCS & Digital Recording Studio:** For blended learning (Rs. 0.18 Crore). The DPR for this studio, including AI tracking cameras and interactive displays, totals Rs. 23,60,000.

- **Smart Classrooms:** Modernisation of five classrooms with digital podiums and touch displays (Rs. 0.20 Crore). Each individual smart class is estimated at Rs. 5,90,000.

• Skill Development and Labs:

- **Skills Lab:** Dedicated communication skill training facility (Rs. 0.41 Crore). The DPR for a 48-seat Skills Lab with licensed language software totals Rs. 59,00,000.

- **Laboratory Equipment:** Modernisation for Botany, Chemistry, Physics, and Zoology (Rs. 0.10 Crore).

• Safety and Training:

- **CCTV Cameras:** Whole-campus and classroom coverage (Rs. 0.11 Crore).

- **Training Programmes:** Rs. 0.05 Crore for faculty/non-teaching staff training and Rs. 0.05 Crore for student entrepreneurship and employability training.

- **Miscellaneous:** Allocations for Environment, Health & Safety (Rs. 0.05 Crore) and general Skill Development Programmes (Rs. 0.05 Crore).

• Sources of Funds

The institution relies on a combination of governmental support and internal revenue generation:

- **Governmental Funding:** As a government institution, it operates under the Department of Higher Education, Government of Gujarat. Various activities, such as engaging guest faculty and establishing digital classrooms, are proposed "under the project" (IDP).

- **Internal Revenue:** The college plans to increase revenue through the collection of student fees for extra courses.

- **Public Contributions:** The institution aims to seek donations from the public and other stakeholders to support its development.

- **Sustainability Plan**

To ensure the long-term viability of these initiatives, the institution has proposed the following:

- **Revenue Diversification:** Continuing to expand revenue sources through add-on courses and public donations to reduce dependency on primary funding.
- **Asset Maintenance:** The plan includes specific provisions for the maintenance of assets to protect the longevity of the new digital and laboratory infrastructure.
- **Stakeholder Engagement:** Improving communication with parents, alumni, local leaders, and industries to foster a supportive network that can contribute to the institution's growth.
- **Resource Efficiency:** The use of blended learning through the MOOC studio allows for the reuse of recorded lectures, providing a cost-effective way to support students from disadvantaged backgrounds over time.

11. Annexures

- Supporting Documents

- **Organizational Structure**

The college operates under the jurisdictional authority of the Department of Higher Education, Government of Gujarat, and is affiliated with Bhakta Kavi Narsinh Mehta University, Junagadh. The internal organizational hierarchy includes:

- **Institutional Head:** Led by the Principal (Dr. Smita B. Chhag).
- **Project Leadership:** Managed by the IDP Coordinator (Shri Vikram D. Bakotra).
- **Governing Body:** A duly constituted and approved body that meets as and when required to oversee institutional policy and development.
- **Quality Assurance:** The Internal Quality Assurance Cell (IQAC), which held 12 meetings over the last three years to monitor quality improvements.
- **Administrative & Academic Staff:** Comprises teaching and non-teaching personnel, including both sanctioned posts and contractual/part-time engagements.
- **Student Support Units:** Includes the **NCC Navy wing** and **NSS volunteers**.

- **Institutional Policies**

- **Data Tables, Charts, and Additional References**

• Head and Nodal Officer	Name & Department	Mobile Number	E-mail Address
Principal	Dr. Smita B. Chhag	9429098186	principal.somnathsci@gmail.com
Vice-Principal	NA	NA	NA
IDP, Coordinator	Shri Vikram D. Bakotra	9426734375	vdbakotra@rediffmail.com

Establishment Details:

Sl. No.	Establishment Details	
1	Year of establishment	2016
2	Name of University to which Affiliated	Bhakta Kavi Narsinh Mehta

		University, Junagadh.
3	Year of Permanent Affiliation	In Process
4	Year of Temporary Affiliation	-----

NAAC Accreditation:

	Date of Application	Date on which accreditation was received	Grade	Valid till
1 st Cycle	NA	NA	NA	NA
2nd Cycle	NA	NA	NA	NA

Students' Profile:

Academic Information for 2025-2026

Sl. No.	Stream (Science/Commerce/Arts)	Level (UG, Diploma, PG)	Course name (Hons / pass wise)	Duration (Years)	Sanctioned annual Intake
1	Science	UG	B.Sc.	3 Year	120

No of Class Room in the College:

Seating capacity	250 capacity	180 capacity	80 capacity	20 capacity
No of class room	00	00	01	04

Library:

Sl. No.	Parameters	No of books
1	Total number of text books and reference books available in library for students (approx.)	1196

Reading Room:

Reading room	Sitting Capacity
NA	---

First Aid Box and Functional fire Extinguisher Facilities:

First Aid box available		Functional fire extinguisher		
Principal Room (Y/N)	Any other location (Y/N) If Y, mention location	Principal's chamber/ Office/Class Room/ Corridor	Near Main Electrical switch Board(Y/N)	Library (Y/N)
YES	N	Yes	Yes	Yes

DPR of Blended learning - MOOCS & Digital recording Studio

(Approx. Area 300 sq. ft.)

ELECTRONIC GADGETS		Qty.
1.	Teacher Computer : Intel Core i5 Processor, Intel Chipset, 8 GB DDR5 RAM, 1 TB NVME SSD, 18.5" LED Screen, Keyboard & Mouse, Dedicated Graphics Card	1
2.	ACs with Fittings (Capacity : 2 ton each)	2
3.	Home Theatre Sound System	1
4.	AI Tracking Camera for Instructor: PTC 20MN, camera - AI Tracking Camera for Lecture Tracking - 20 X Zoom, USB, HDMI, IP	1
5.	USB + HDMI PTZ Camera for Student camera: PTC 20N, USB + HDMI + IP + SDI + RS232 1080p60 PTZ Camera - 20 X - NDI	1
6.	Interactive Touch Display (65" size) with all necessary accessories including wall mount kit, etc.	1
7.	Digital Podium with PC	1
INSTALLATION		
1.	MOOC Studio Installation	
FURNITURE AND FIXTURE		
Wooden Furniture:		
1.	Teacher table	2
	Miscellaneous wall panelling	
2.	Executive Chair for faculty	1
3.	Specially designed student chair	24
ELECTRIFICATION & OTHERS		
Electrification:		
1.	I. ISI marked Wires, Switches & Metal Boxes, etc.	

	II. AC(2 Ton)	4
2.	Doormat	1
Basic Project Cost		20,00,000
GST (18%)		3,60,000
Total Project Cost		23,60,000
Rupees Twenty Three Lac Sixty Thousand Only.		

Terms & Conditions:-

1. The above rates include all kind of taxes, labour works, transportation, installation charges, etc.
2. Warranty period for complete one year after installation of Studio.

Proposed Studio Photo:



Details Project Report for 48 Seats Skills Lab

(Approx. Area required 450 sq. ft.)

ELECTRONIC GADGETS		Qty.
1.	Master Computer based console with computer & necessary wiring, following add on, etc. 1) Digital Signal Processing facility for audio/video Playback / recording. 2) Audio channels connected to DSP through optical fiber cables. 3) Provision for creating individual audio channels for 8 inputs & 48 outputs. 4) Self-contained for any audio/video application / video conferencing / e-learning / Webinar, etc. 5) Intel Core i-5 Processor, Intel Chipset, 8 GB DDR5 RAM, 1 TB Hard Disk, 18.5" LED Screen, Keyboard & Mouse, Graphic Card DDR5 Memory	1
2.	Inverter (1 KVA Capacity)	1
3.	ACs with Fittings (Capacity : 2 ton each)	2
4.	LED TV (55" size) Full High Definition USB, Supplied with all necessary accessories including wall mount kit	1
5.	Home Theatre Sound System	1
6.	Head phone with socket & mic	49
TECHNICAL		
1.	Skills Lab Installation	
2.	Technical knowhow and Human Resourcing Training for 3 days - one teaching faculty and a technical assistant	
3.	Lifetime Licensed modules of English language learning and soft skills	
4.	Licensed Software Windows 7/10, Scope, Cubase	
5.	Anti-Virus	
FURNITURE AND FIXTURE		
	Wooden Furniture:	
1.	Podium	1
	Computer table	1
	Console cabinet	1
	Small Cabinet for inverter	1
2.	Specially designed student chair	48
3.	Chair for lab technician	1
ELECTRIFICATION & OTHERS		
	Electrification:	
1.	III. ISI marked Wires, Switches & Metal Boxes, etc.	
	IV. Wall fan	6

	V. MCB, ELCB, etc.	1 set
2.	Electrification (Master Computer Console wiring with material)	
3.	Course Material for Students - Hard Copy	96 Books
4.	Doormat	1
	Total	50,00,000
	GST (18%)	9,00,000
	Final Project Cost	59,00,000
Rupees Fifty nine Lac Only.		

Terms & Conditions:-

1. The above rates include all kind of taxes, labour works, transportation, installation charges, etc.
2. HR training after installation of Lab.
3. Listening & Recording facilities at all the seats.
4. Warranty period for complete one year after installation of Lab.

Proposed Skills Lab Photos:



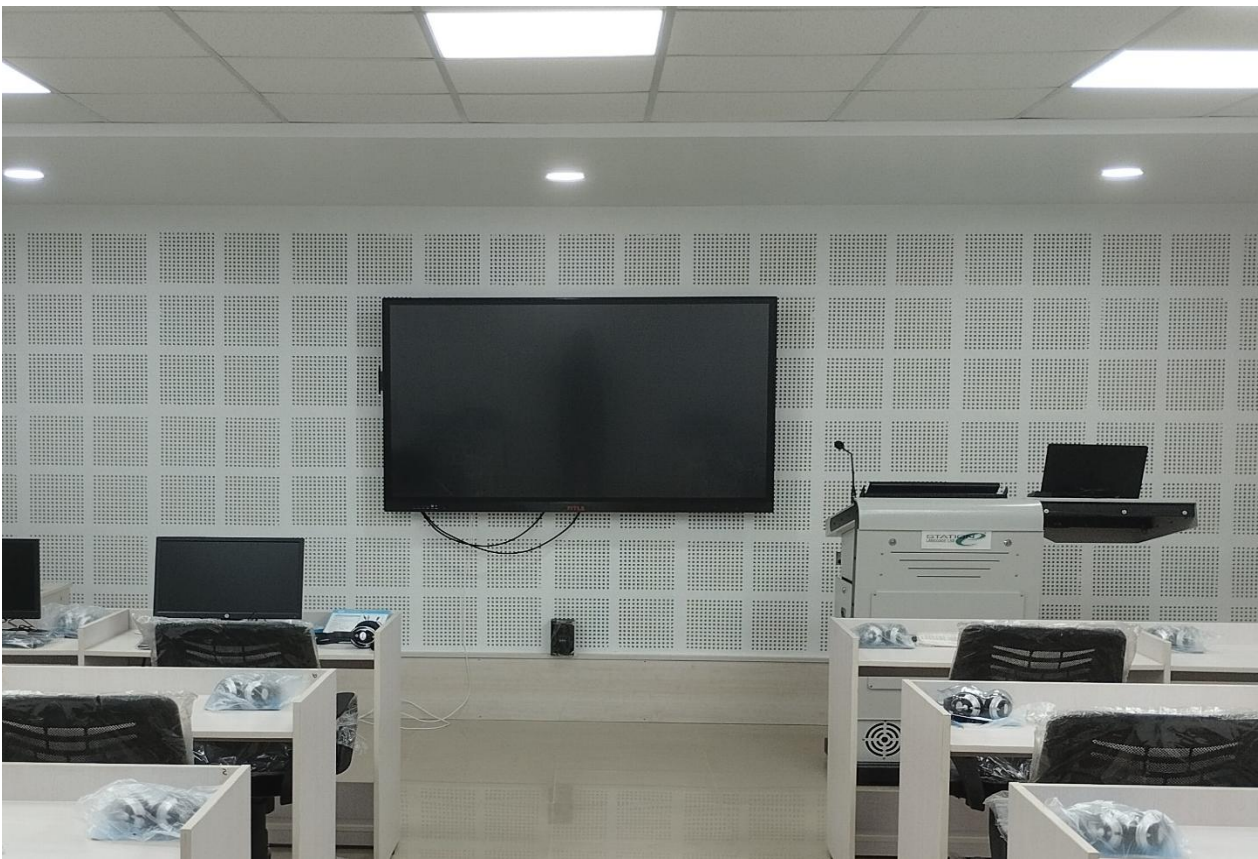
Detail Project Report of Smart Class with Interactive Touch Display and Digital Podium

ELECTRONIC GADGETS		Qty.
1.	Interactive touch display 75" Supplied with all necessary accessories	1
2.	Wall mount kit	1
3.	Digital Podium with PC	1
4.	Air Mouse with Laser Pointer	1
TECHNICAL		
1.	Smart Class Installation	
2.	Technical knowhow and Human Resourcing Training for 1 day	
ELECTRIFICATION & OTHERS		
	Electrification:	
1.	VI. ISI marked Wires, Switches & Metal Boxes, etc.	
	VGA / Power Cable	
	Total	5,00,000
	GST (18%)	90,000
	Final Project Cost	5,90,000
Rupees Five Lac Ninety thousand Only.		

Terms & Conditions:-

1. The above rates include all kind of taxes, labour works, transportation, installation charges, etc.
2. HR training after installation of Smart Class.
3. Warranty period for complete one year after installation of Smart Class.

Smart Class with Interactive Touch Display and Podium Photos:



Establishment of 24 + 1 (25) Seats

Computer Centre

(Approx. Area required 500 sq. ft.)

ELECTRONIC GADGETS		Qty.	
1	Master Computer Configuration : with keyboard & mouse with necessary wiring, Licensed Software Windows 11, etc.		1
	Form Factor	Tower Cabinet	
	CPU	Intel Core I9 processor	
	Motherboard	Intel Chipset	
	Bus Architecture	Dedicated Graphics Card, Integrated Audio	
	RAM	8 GB	
	SSD	1 TB NVME SSD	
	Monitor	18.5" LED	
2	Individual Branded Computer with keyboard & mouse with necessary wiring, Licensed Software Windows 10, etc.		24
	Form Factor	Tower Cabinet	
	CPU	Intel Core I5 processor	
	Motherboard	Intel Chipset	
	Bus Architecture	Dedicated Graphics Card, Integrated Audio	
	RAM	8 GB	
	SSD	512 GB NVME SSD	
	Monitor	18.5" LED	
	Anti-Virus		
3	Interactive touch display 75" Supplied with all necessary accessories including wall mount kit		1
4	Home Theatre Sound System		1
TECHNICAL			
1	Computer Lab Installation		
FURNITURE AND FIXTURE			
1	Wooden Furniture:		
	Podium		1
	Computer table for Lab Technician		1
	Computer Table for Students		For 24 users
	Miscellaneous wall panelling		
2	Student chair		24

3	Chair for lab technician	1
ELECTRIFICATION & OTHERS		
Electrification and Networking:		
1	VII. ISI marked Wires, Switches & Metal Boxes, etc.	
	VIII. Wall fan (12" S.S.)	6
2	Doormat	1
Total Project Cost		30,00,000
GST (18%)		5,40,000
Final Project Cost		35,40,000
Rupees Thirty Five Lac Forty Thousand Only.		

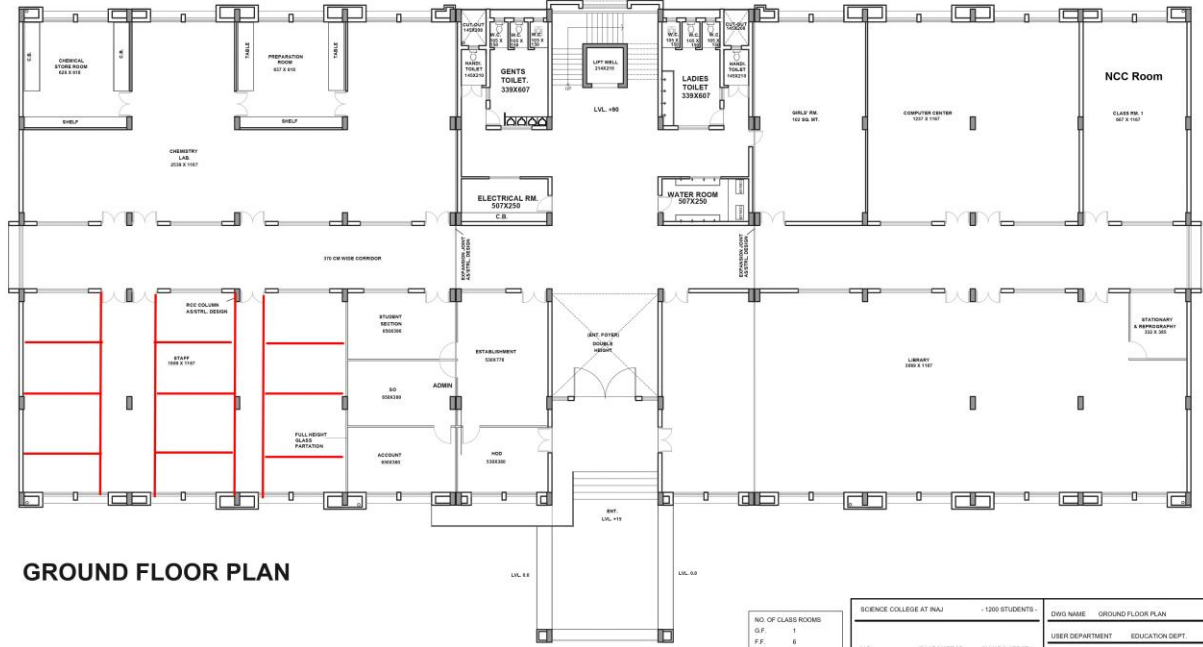
Terms & Conditions:-

3. The above rates include all kind of taxes, labour works, transportation, installation charges, etc.
4. Warranty period for complete one year after installation of Lab.

Proposed Computer Centre Photos:

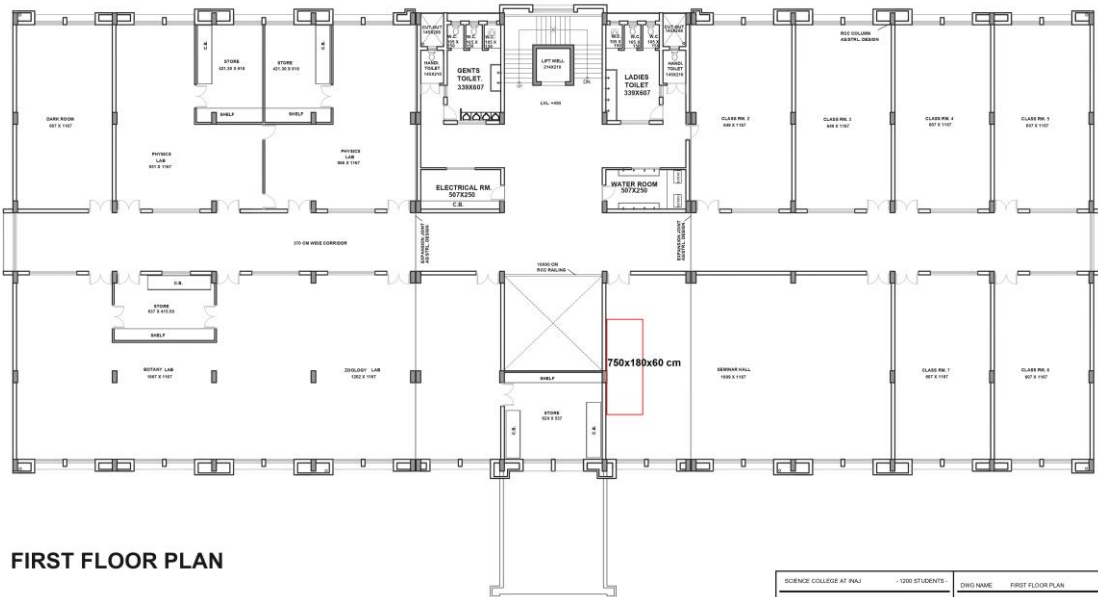


New Building Plan



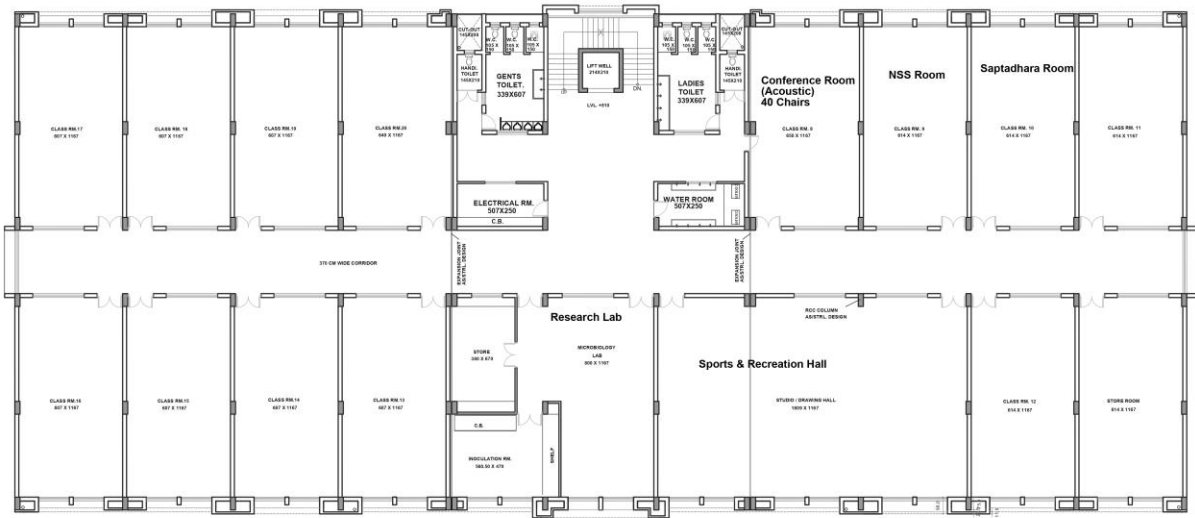
GROUND FLOOR PLAN

NO. OF CLASS ROOMS G.F. 1 F.F. 6 S.F. 13 TOTAL 22	SCIENCE COLLEGE AT RAJ - 1000 STUDENTS -	DWG NAME GROUND FLOOR PLAN
TOTAL INFRA-20X 60 = 1200 PROVISION OF 3RD FLOOR	CAD JR. ARCHITECT M. J. HALDIA	USER DEPARTMENT EDUCATION DEPT.
	DATE: 28.06.17 BY ARCHITECT M. J. HALDIA	DATE: 28.06.17 DWG NO. 001 JOB NO. MJK 102
	THIS DRAWING IS ISSUED FOR FOR EXECUTION	OFFICE OF THE CHIEF ARCHITECT AND TOWN PLANNER, R & S DEPT. P.T. Newan Shiksha, Sector 19-A, Gandhinagar - 382010, Gujarat PH: 079 23252900, FX: 079 23252996, email: city.mh@gmail.com



FIRST FLOOR PLAN

NO. OF CLASS ROOMS G.F. 1 F.F. 6 S.F. 13 TOTAL 22	SCIENCE COLLEGE AT RAJ - 1000 STUDENTS -	DWG NAME FIRST FLOOR PLAN
TOTAL INFRA-20X 60 = 1200 PROVISION OF 3RD FLOOR	CAD JR. ARCHITECT M. J. HALDIA	USER DEPARTMENT EDUCATION DEPT.
	DATE: 28.06.17 BY ARCHITECT M. J. HALDIA	DATE: 28.06.17 DWG NO. 002 JOB NO. MJK 102
	THIS DRAWING IS ISSUED FOR FOR EXECUTION	OFFICE OF THE CHIEF ARCHITECT AND TOWN PLANNER, R & S DEPT. P.T. Newan Shiksha, Sector 19-A, Gandhinagar - 382010, Gujarat PH: 079 23252900, FX: 079 23252996, email: city.mh@gmail.com



SECOND FLOOR PLAN

SCIENCE COLLEGE AT NAJ - 1200 STUDENTS -		DWG NAME SECOND FLOOR PLAN	
CAD		USER DEPARTMENT EDUCATION DEPT.	
JR. ARCHITECT	DR. ARCHITECT	DATE: 28.06.17	DWG NO. 003
M. J. KALOLA		JOB NO. MJK 125	
THIS DRAWING IS ISSUED FOR EXECUTION		OFFICE OF THE CHIEF ARCHITECT AND TOWN PLANNER, R & B DEPT. IT, Anna-Bhamburda Sector 10A, Gandhinagar - 500010, Hyderabad, PH: 079 23252900, FX: 079 23252896, email: city_pln@raj@gmail.com	
CHEF ARCHITECT			
VISHAL VYAS			



IQAC Committee



GOVERNMENT SCIENCE COLLEGE, VERAVAL

Hudko Society, Near Old I.T.I. building, Veraval, Dist: Gir Somnath
 Affiliated to: Bhakti Kavi Narsinh Mehta University - Junagadh (Gujarat)
 Est. June-2016 College Code: 211305 Phone No: 0287621911
 E-Mail: principal.somnathg@gmail.com

No. GSC/Veraval/2025/4539

Date: 12.09.2025

REVISED OFFICE ORDER

For smooth conduction of academics, administration, activities assigned by KEG & CHE and extra-curricular activities, all the staff of Government Science College, Veraval are allocated duties as mentioned below against their names with immediate effect.

Sr. No.	Committee/duty	Description of the assigned work	Name of the staff
A Duties pertaining to college			
1	Head of the Department and Laboratory in charge	Administration of the department, timetable, planning of academic activity, supervision of regularity of teaching staff and students, overload proposal for visiting professors, monitoring of all academic activity and certification of bills, maintenance of all necessary registers and equipments, planning of internal exam, assessment of answer sheets & online entry of marks, etc.	Dr. C. M. Gosai (Zoology) Dr. M. F. Dhaduk (Chemistry) Shri V. D. Bakotara (Physics) Ms. K. A. Barad (Maths, computer laboratory) Shri J. B. Zala (Botany) Ms. Urmila Parmar (English)
2	Academic Time table	Prepare the timetable after coordination with all heads of departments and represent to the Principal before 7 days of the commencement of the term as per academic calendar of the university	Dr. M. F. Dhaduk (Chair Person) Shri J. B. Zala (Member) Ms. P. L. Mange (Member)
3	R.T.I. Committee	Reply all the R.T.I. in proper format within time limit and maintain concerned file and registers	Dr. S. B. Chhag (Applet off.) Ms. Urmila Parmar (RTI Officer)
4	IQAC Cell	Arrange meeting of IQAC member once in every trimester for analysis of the academic progress, development of the institute, achievements of the staff members and students and through that make sincere efforts for quality maintenance of teaching-learning process. Maintain register for minutes of meeting.	Dr. S. B. Chhag, Principal & Chair person Ms. Urmila Parmar - Coordinator Dr. C. M. Gosai Shri V. D. Bakotara Dr. M. F. Dhaduk Shri J. B. Zala Ms. K. A. Barad Dr. Kartikbhai Pandya (Asst. prof. SSSU, Veraval) Dr. Amishaben Dave (Asst. prof. SSSU, Veraval) Dr. Nitin Suba (Asst. Prof. C. P. Choksi College, Veraval) Dr. Sanjaybhai Bhut (Asso. Prof. Mahila Arts & Commerce College, Veraval) Shri Divyesh Makwana - Alumni of GSC, Veraval.



(Signature)
 PRINCIPAL,
 GOVT. SCIENCE COLLEGE,
 VERAVAL
 (DIST: GIR-SOMNATH)