



सत्यमेव जयते

GOVERNMENT SCIENCE COLLEGE, VERAVAL GIR SOMNATH



IQAC ANNUAL REPORT

2023-24

1. Institutional and Administrative Overview

1.1 Institutional Profile

Government Science College, Veraval, established in 2016, affiliated with Bhakta Kavi Narsinh Mehta University, Junagadh, is the only Government Science College in Gir-Somnath district. Located near the Somnath Temple and Gir Forest—home to the Asiatic lion—the college enjoys a unique cultural and ecological setting. Currently operating from a rental building in Veraval, a new 5.75-acre campus at Inaj is under construction and expected to be ready in a short span. The college offers quality science education and promotes holistic development of students through academics, extra-curricular activities and sports. With visionary principal and dedicated faculties, the college prepares students to meet future challenges and contributes meaningfully to national growth.

Present Building



Building Under Construction



1.2 Vision and Mission

1.2.1. IQAC Vision

Our vision is to build a strong culture of quality in our college. We aim to improve teaching, learning and all college activities by encouraging new ideas and maintaining high standards. IQAC wants to make sure that the college keeps growing in the right direction and provides the best education and services to the students and society.

1.2.2. IQAC Mission

- To improve the overall quality of the college in every aspect gradually.
- To plan and carry out activities that help students learn better and help teachers grow.
- To create a learning environment where students can think creatively, learn skills and grow in all aspects.
- To analyse the feedback from students and teachers and use them to make the college better.
- To support teamwork, discipline and a positive attitude in everything we do.
- To share and follow best practices that help in building a better future for all.

1.3 Composition of IQAC

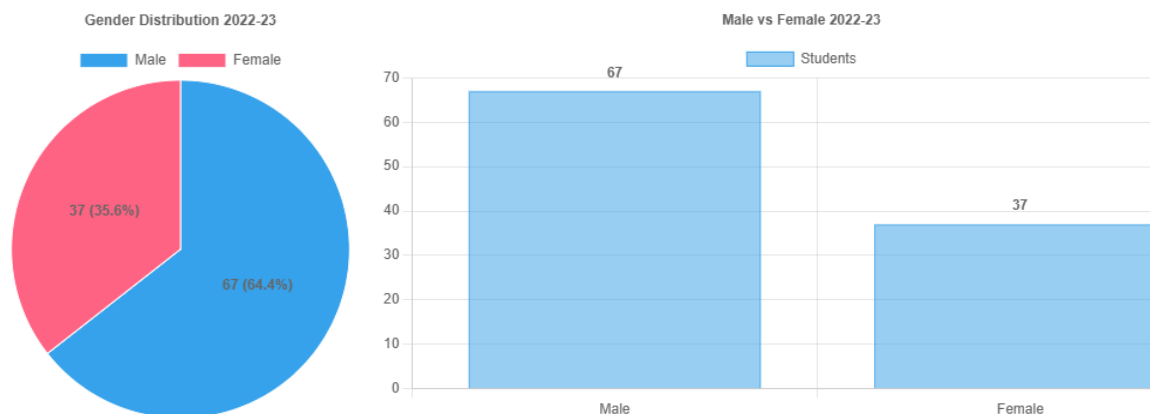
The IQAC of Government Science College, Veraval is composed of the Principal as Chairperson, senior faculty members and external experts to ensure inclusive and effective quality enhancement.

Sr. No.	Name of Faculty	Designation
	Dr. Smita B. Chhag	Chair Person
1	Dr. C.M.Gosai	Coordinator
2	Shree M.L.Parmar	Member
3	Shree P.J.Jadeja	Member
4	Shree J.B.Zala	Member
5	Dr. D.K.Pandya	Member
6	Dr. Amisha Dave	External

2. Academic and Teaching-Learning Activities

2.1 Enrollment

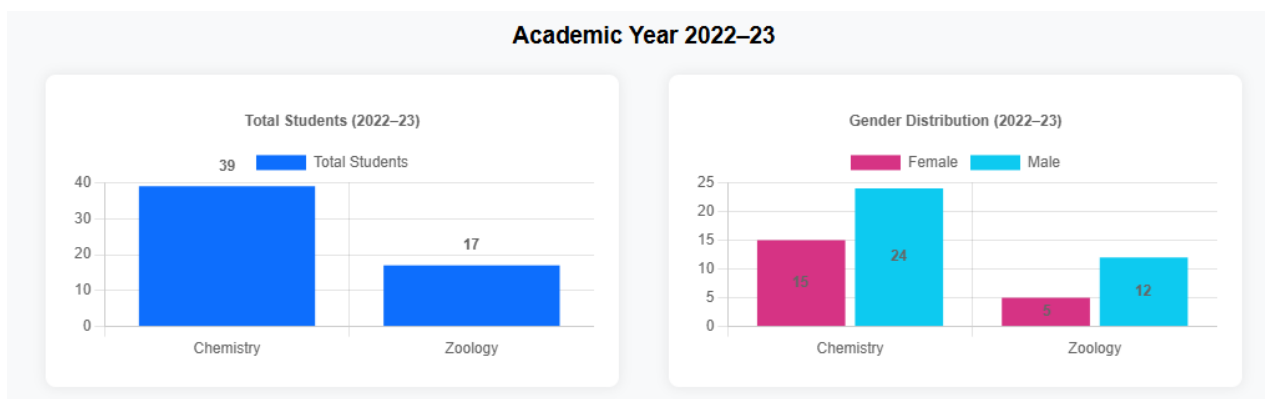
In alignment with the National Education Policy’s emphasis on multidisciplinary education, Government Science College, Veraval have introduced major subject offerings in Chemistry, Zoology, Botany during the academic year 2022–23. These subject choices were made available to cater diverse academic interests and career aspirations of students. The college witnessed healthy enrolment across all disciplines, reflecting students’ growing interest in the pure sciences and the institution’s consistent academic reputation. The enrolment trends depicted in the accompanying graph demonstrate encouraging participation across the newly offered major subjects. Overall, the data highlights the institution’s ongoing efforts to provide diverse, accessible and quality higher education in the Gir Somnath district.



2.2 Result

Government Science College, Veraval has consistently maintained an excellent academic record over the years. In the academic year 2022–23, the college continued its tradition of outstanding performance in the university examinations. Students from various major subjects, including Chemistry and Zoology, performed exceptionally well, with many securing first class with distinction. Notably, students of the college have been securing higher ranks at the university level in the final examinations for consecutive years, which reflects the academic rigor and dedication of both, students and faculty. Regular internal evaluations, remedial coaching and mentorship have played a significant role in supporting student success.

The chart below presents the result trends of the last three academic years, clearly demonstrating the college’s consistent academic excellence.



2.3 Use of ICT in Teaching and Learning

At Government Science College, Veraval, we use many ICT tools to make teaching and learning better and more interesting. Teachers use PowerPoint presentations with videos and pictures to explain topics clearly. We use Google Classroom to give study materials, assignments and stay in touch with students. YouTube videos are also used to help students understand topics in a fun and easy way. For quick tests and collecting opinions, we use Google Forms. Our college website also provides old exam papers for students. By using all these tools, we make learning modern, simple and useful to help students get ready for the digital world.

2.4 Contribution in different committees in the affiliated university:

During the academic year, faculty members of Government Science College, Veraval actively contributed to academic governance and curriculum development at Bhakta Kavi Narsinh Mehta University by serving as members of the Boards of Studies.

Their contributions were directed towards ensuring a relevant, forward-looking curriculum aligned with academic standards and evolving industry requirements. As Board of Studies members, they actively participated in syllabus revision processes, incorporating recent advancements, emerging trends, and interdisciplinary perspectives in their respective subjects.

The faculty members also emphasized the integration of project-based learning, internship opportunities, and industry collaborations to enhance academic quality and employability. Furthermore, they contributed valuable suggestions for implementing the guidelines of the National Education Policy (NEP 2020), with a focus on student-centric learning, skill development, flexibility in curriculum, and bridging the gap between academia and industry.

Overall, their involvement strengthened curriculum relevance, promoted innovative pedagogical practices, and supported the university's mission of delivering quality higher education.

Sr. No.	Name of the Faculty	Subject
1	Dr. Smita B. Chhag (Principal)	Board of Governance
2	DR. C. M. Gosai	BOS (Zoology)

2.5 Faculty Development Programmes

To promote academic excellence and continuous improvement, Principal and Faculties of Government Science College, Veraval participated in various Faculty Development Programmes during the academic year. These initiatives aimed to enhance the teaching skills, subject knowledge and professional growth of the faculty members. Here is the list of FDPs attended by the faculty members.

Sr. No.	Name of Faculty Member	Title of FDP / Workshop / Seminar	Organized By	Mode (Online/ Offline)	Date
1	Dr. P.L.Poriya	Teaching Learning and assessment in higher education	Vishwa vidhyalay sagar	Online	21/06/2022 to 04/07/2022
2	Shree M.L.Parmar	Teaching Learning and assessment in higher education	Vishwa vidhyalay sagar	Online	04/07/2022 to 16/07/2022
3	Shree P.J.Jadeja	Innovation Club Workshop	Bhavnagar University	Offline	08/04/2022 to 09/12/2022
4	Dr. B.J.Gangani	Innovation Club Workshop	Bhavnagar University	Offline	08/04/2022 to 09/12/2022
5	Shree P.J.Jadeja	Innovation Club FDP	KCG- Ahmedabad	Offline	02/01/2023 to 07/01/2023
6.	Dr. Smita B. Chhag	Principal Training	KCG- Ahmedabad	Offline	03/08/2023

2.6 State Quality Assurance Cell

Under the dynamic leadership of Principal Dr. Smita B. Chhag and the coordinated efforts of the State Quality Assurance Cell (SQAC), Government Science College, Veraval undertook significant academic and awareness initiatives during the academic year 2023–24 to promote scientific understanding, environmental responsibility, and student engagement.

1. Climate Change Youth Outreach Program (15–30 September 2022)

Under the initiative of the Gujarat State Climate Change Department and Higher Education Department, Government Science College, Veraval organized multiple competitions to raise awareness about climate change. Events included slogan writing (13 participants: 4 boys, 9 girls), innovative idea competition (25

participants: 4 boys, 21 girls), essay writing (7 participants), group discussion (20 students in 6 groups), and elocution (3 participants). Students presented ideas on biodiversity, electric vehicles, water pollution, single-use plastic, energy conservation, and sustainable lifestyles. Winners were recognized for their innovative thinking and environmental responsibility. The programme was coordinated by Prof. M. L. Parmar and successfully fostered environmental awareness and student engagement.

2. Government Science College, Veraval organized a **Tech-Fest** under CREATO–2023 to promote scientific creativity and technical skills among students. The fest included paper presentation, poster presentation, and model-making competitions. Students actively participated and demonstrated innovation through research ideas and working models. Winners were awarded ranks in each category, encouraging academic excellence and teamwork. The event was coordinated by Dr. Dhananjay Pandya and Mr. Pradeepsinh Jadeja, with support from Dr. Mamta Chauhan and Prof. Priya Mange, under the guidance of the principal.
3. During the three-day CREATO–2023 event, a **Food Zone** activity was organized to nurture entrepreneurship and management skills among students. A total of 30 students (13 boys and 17 girls) participated by setting up food stalls offering mocktails, shakes, snacks, and traditional Kathiawadi food. The activity aimed to develop budgeting skills, teamwork, communication, and business aptitude. The event was coordinated by Mr. M. L. Parmar, Mr. J. B. Zala, and Mr. S. M. Sitapara under the supervision of Principal Dr. S. B. Chhag.
4. The Government Science College Veraval, in collaboration with the State Quality Assurance Cell (SQAC), organized a National Workshop on **“Revolutionizing Learning: AI’s Role in Education”** on 23 February 2024 at the seminar hall of Shree Somnath Sanskrit University. The event attracted over 285 applicants from across India, with 130 participants selected for focused engagement. The workshop was inaugurated with a traditional lamp-lighting ceremony, where Principal Dr. S. B. Chhag highlighted the importance of AI in education, in the presence of distinguished guests from academia and industry. Expert sessions by Dr. Mahesh Jivani of Saurashtra University and Dr. Dilip Barad of Maharaja Krushnakumarsinhji Bhavnagar University explored practical and interdisciplinary applications of AI in teaching and learning. Supported by sponsors including State Bank of India and Jan Seva Trust (Aditya Birla Group), the workshop concluded with certificate distribution and highly positive feedback, reflecting its success in fostering collaboration and advancing AI-driven educational practices.

Overall, These SQAC activities promoted environmental responsibility, scientific innovation, teamwork, and entrepreneurial skills among students, contributing to their holistic development and practical learning beyond the classroom.

1. Climate Change Youth Outreach Program



2. Tech-Fest during



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3. Food Zone



4. National Workshop Report: Revolutionizing Learning - AI's Role in Education



3. Research and Innovation

3.1 Faculty Appointed as Research Supervisors

Faculty members of Government Science College, Veraval were appointed as **Research Supervisors** by Bhakta Kavi Narsinh Mehta University (BKNMU), Junagadh. They are now eligible to guide Ph.D. and M.Phil. students, strengthening the college's research environment.

Sr. No.	Name of Faculty	Subject
1	Dr. Chiragbala M. Gosai	Zoology

3.2 Research Publications

Our faculty members are actively involved in research and have published their work in reputed national and international journals, contributing to the advancement of scientific knowledge and academic excellence.

Sr. No	Paper Title	Author	Name of Journal	Accepted Publication month
1	Anti-Microbial Activity and Synthesis of 3-(Benzylideneamino)- 2,7-Dimethylbenzo-[4,5] Thieno [2,3-D] Pyrimidine-4-Ones	Dr. Dhananjay K. Pandya, Dr. Mamta H. Chauhan	International Journal of Innovative Science and Research Technology	June 2023
2	A Synthesis and Biological Evaluation of Indole Derivatives	Dr. Mamta H. Chauhan, Mr. Nilesh L. Solanki, Dr. Dhananjay K. Pandya	International Journal of Innovative Science and Research Technology	June 2023

3.3 Invited as Expert

Some of our faculty members have been invited as subject experts, resource persons, or judges in academic events, seminars, and workshops organized by other institutions, showcasing their knowledge and contribution in their respective fields.

Sr.no.	Name of faculty	Invited as	Name of institute	Date
1.	Dr. Smita B. Chhag	Expert (Role of Physics in Engineering)	Government Polytechnic, Rajkot	27/06/22
2.	Dr. Smita B. Chhag	National Workshop Judge (Poster Presentation)	Christ College, Rajkot	-

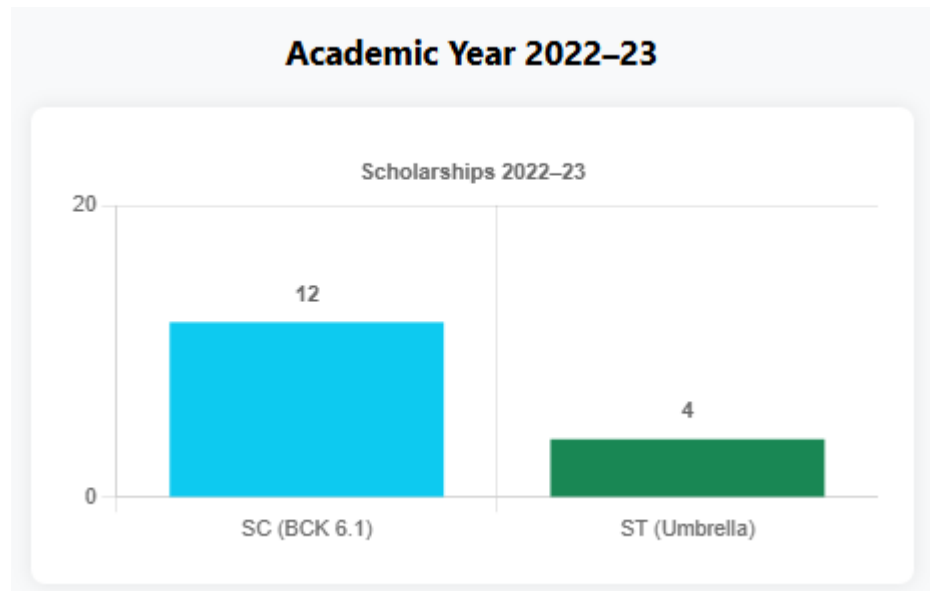
4. Student Support and Career Development

4.1 Finishing School Programmes

The **Finishing School Training Programme (2022–23)** was organized at Government Science College, Veraval from **6–28 December 2022** under the initiative of the Knowledge Consortium of Gujarat (KCG) to enhance students' employability through soft skills and functional English training. **Batch-1 consisting of 55 students** participated in the programme. Modules **A and C (Life Skills and Employability Skills)** were conducted by **Mr. Vishalpal Prasad** from 6–16 December 2022, while **Modules B and D (Functional English Skills)** were conducted by **Mr. Vikramaditya Kumar** from 17–28 December 2022. The **80-hour training programme** helped students develop interview skills, personality development, communication skills, and CV writing. The programme was coordinated by **Dr. Dhananjay Pandya** under the guidance of **Principal Dr. Smita B. Chhag**.

4.2 Scholarship

During the academic year 2022–23, out of a total enrolment of 104 students, 14 students applied for various government scholarships through the online portal. These applications were spread across four major scholarship schemes, ensuring financial assistance to eligible students from diverse socio-economic backgrounds. The college extended full support to guide students through the application process, resulting in high participation. The initiative has significantly contributed to making higher education more accessible and inclusive. To provide a clear visual representation, a graph showing scheme-wise and gender-wise distribution of scholarship applications is included below. This graphical presentation highlights the participation pattern and the outreach of each scholarship scheme. The detailed data is also maintained in the attached in graph for reference and official records.



5. Co-Curricular, Extension and Outreach Activities

5.1 Saptadhara Activities

Under the visionary leadership of Principal Dr. Smita B. Chhag and dedicated overall coordination of Shri Jadeep B. Zala, the Saptadhara initiative at Government Science College, Veraval played a pivotal role in nurturing students' creativity, leadership, cultural identity and intellectual development throughout the academic year 2022–23. The college actively engaged students across all seven dharas—Music and Dance(Geet-Sangeet Nrutya Dhara), Drama (Natya Dhara), Fine Arts (Rang-Kala-Kaushalya Dhara), Creative Expression (Sarjanatmak Abhivyakti Dhara), Knowledge Band (Gyan Dhara), Yoga and Sports (Yog-Vyayam-Khelkud Dhara) and Community Service (Samudayik Seva Dhara). Each band provided a vibrant platform for students to explore their talents through collegiate, intercollegiate competitions, university and district-level events, awareness drives and creative showcases. These multidimensional activities not only enriched the academic environment but also instilled values of teamwork, discipline, innovation and social responsibility—reflecting the holistic vision of Saptadhara in building empowered and well-rounded individuals.

❖ Music and Dance Band (Geet-Sangeet Nrutya Dhara)

The Music and Dance Band under the Saptadhara initiative, coordinated by Shri Jaydeep B. Zala under the guidance of Principal Dr. Smita B. Chhag, actively promoted cultural expression and artistic excellence among students during the academic year 2022–23. The band played a vital role in mentoring students and facilitating their participation in cultural competitions and community events, thereby strengthening the cultural identity of the institution.

1. **Navratri Festival Celebration (30 September 2022)** The college celebrated Navratri with great enthusiasm, marking devotion to Goddess Durga through lamp lighting and Aarti. Students gathered in colorful traditional attire and performed Garba on the campus, creating a lively cultural atmosphere. The programme was conducted by Dr. M. H. Chauhan and Dr. D. K. Pandya, encouraging cultural participation and spiritual values among students.
2. **Annual Fest (02 March 2023)** The Annual Function was held at Yoga Bhavan Hall, Shree Somnath Sanskrit University, under the guidance of Principal Dr. Smita B. Chhag. The event was inaugurated with lamp lighting and Saraswati Vandana, followed by speeches from distinguished guests including Vice Chancellor Dr. Lalit Patel and other academic dignitaries. A total of 442 certificates, 150 medals, and 125 trophies were awarded to meritorious students and achievers in academic and extracurricular activities, with special recognition given to outstanding students as “Genius of GSCV.”

The fest featured diverse cultural performances such as group dances, drama, folk songs, sword art, and a human pyramid by NCC cadets. A highlight was the “Chem Show – Kem Chho,” where chemistry students demonstrated engaging experiments under the guidance of Dr. Dhananjay Pandya and Dr. Mamta Chauhan. A drama on “No Addiction” further conveyed social awareness. The programme was successfully anchored by students with support from Dr. Chirag M. Gosai, and the collective efforts of staff ensured the grand success of the event.

Overall, the Music and Dance Band activities under Saptadhara significantly contributed to nurturing creativity, preserving cultural heritage, and promoting holistic student development through active participation in cultural events.

1. Navratri festival celebration



2. Annual Fest

વેરાવળ: સંસ્કૃત યુનિવર્સિટી ખાતે સરકારી વિજ્ઞાન કોલેજનો વાર્ષિકોત્સવ ઉજવાયો

રાજકોટ, શનિવાર
(નીતિન વસાણી)

શ્રી સોમનાથ સંસ્કૃત યુનિવર્સિટીમાં ગવર્નમેન્ટ સાયન્સ કોલેજ, વેરાવળના પ્રિન્સિપાલ ડૉ. સ્પિતાબેન છગના

માર્ગદર્શન હેઠળ કોલેજના વાર્ષિકોત્સવનું આયોજન કરવામાં આવ્યું હતું. આ કાર્યક્રમમાં છાત્રીયસ ઓફ જી.એસ.સી.વી એવોર્ડ તથા સમગ્ર વર્ષ દરમિયાન વિવિધ પ્રવૃત્તિઓમાં વિજેતા થયેલા વિદ્યાર્થી ભાઈ-બહેનોને જજર ટ્રોફી, સર્ટીફિકેટ, ૧૨૫ ટ્રોફી તથા ૧૫૦ જેટલા મેડલનું મહાનુભાવોના હસ્તે વિતરણ કરવામાં આવ્યું હતું. આ તકે વિદ્યાર્થીઓ દ્વારા વિવિધતાભર્યા કાર્યક્રમો જેવા કે પ્રાર્થનાસ્તુતિ નૃત્યથી શરૂ કરીને સાંસ્કૃતિક કાર્યક્રમમાં ગરબા, એક પાત્રિય અભિનય, સુપ ડાન્સ, મ્યુઝીક યો ગાસન, તરવરાટભરી તલવાર બાજી, નશાબંધી અંગે



નાટક તથા N.C.C ના કેડેટ્સ દ્વારા ભુમન પિરાપીડસ જેવા અદભૂત કાર્યક્રમો રજૂ કરવામાં આવ્યા હતા. રસાયણશાસ્ત્રના વડા ડૉ.ડી.કે.પંડ્યા અને સોહાણના માર્ગદર્શન હેઠળ ટી.વાય. બી.એસ.સી.ના વિદ્યાર્થીઓ દ્વારા સ્ટેજ પર રજૂ કરાયેલ રસાયણના અદભૂત પ્રયોગોએ શ્રેણીકોને મંત્રમુગ્ધ કર્યા હતા. જેમાં ફટકાક્રમમાં થતી લીલી તથા જાંબલી જ્યોત, એલીફન્ટ ટ્રુથપેસ્ટ, સોડિયમ બ્લાસ્ટ અને પાણીમાંથી વિવિધ રંગના રાસાયણિક સરખતો બનાવવાના પ્રયોગો દ્વારા શ્રેણીકો આશ્ચર્યચકિત થયા હતાં. આ કાર્યક્રમમાં મુખ્ય અતિથિ તરીકે

શ્રી સોમનાથ સંસ્કૃત યુનિવર્સિટીના વાઈસ ચાન્સેલર ડૉ. લલિત પટેલ, ભક્તકવિ નરસિંહ મહેતા યુનિવર્સિટીના સિન્ટીકેટ મેએર ડૉ. જીવાભાઈ વાળા, ડ્રેગરી ઓફીસર તીર્થાણી સાહેબ તથા વિવિધ શૈક્ષણિક સંસ્થાના પ્રિન્સિપાલો, સ્ટાફ અને વિદ્યાર્થીઓની પણ બહોળા પ્રમાણમાં હાજરી રહી હતી. આ સમગ્ર કાર્યક્રમને સફળ બનાવવા માટે કોલેજનો સમગ્ર સ્ટાફ પ્રો. ડૉ. સી. એમ. ગો સાઈ, એમ. એલ. પરમાર, પી. જે. જીરેજ, જે. બી. ઝાલા, ડૉ. ડી. કે. પંડ્યા, ડૉ. એમ. એચ. સૌહાણ, એસ. એમ. સીતાપરા અને પી. એલ. મંગે સહિત તમામે ભારે જહેમત ઉઠાવી હતી.



❖ Drama Band (Natya Dhara)

Under the Saptadhara initiative, the Drama Band of Government Science College, Veraval actively contributed to youth engagement and cultural expression during the academic year 2022–23. With the guidance of Principal Dr. Smita B. Chhag and coordination by Shri Jaydeep B. Zala, students participated in literary and performing arts activities that enhanced their confidence, communication skills, and awareness of social themes.

Under the celebration of **Azadi Ka Amrit Mahotsav** and **Har Ghar Tiranga**, Government Science College, Veraval encouraged students to express patriotism through cultural performances, including drama integrated within the dance competition. A total of **25 students** participated, presenting folk dance performances that incorporated dramatic scenes highlighting national pride, freedom fighters, and the importance of the Tiranga. Students practiced for two weeks and performed on **15 August**, showcasing teamwork, creativity, and stage confidence. The activity was coordinated by Prof. Dr. Dhananjay Pandya with support from Dr. Mamta Chauhan under the guidance of Principal Dr. Smita B. Chhag.

The Drama Band's involvement in such events strengthened students' oratory skills, stage confidence, and civic awareness, while fostering cultural vibrancy and community engagement. Overall, these activities significantly supported the holistic development of students and reinforced the institution's commitment to nurturing responsible and expressive youth.

Drama competition



Drama competition



❖ Fine Arts Band (Rang-Kala Kaushalya Dhara)

Under the Saptadhara initiative, the Fine Arts Band of Government Science College Veraval organized creative activities to promote environmental awareness and artistic expression among students during the academic year 2023–24. With the guidance of Principal Dr. Smita B. Chhag and active support from faculty members, these initiatives encouraged students to convey social messages through visual art.

1. Drawing Competition on Clean India & Environment Preservation (05 January)

A drawing competition focusing on **Clean India** and environmental preservation was organized, with **22 students** participating. Students created impactful artworks conveying messages on cleanliness, sustainability, and environmental protection. The

activity encouraged creativity while promoting awareness about ecological responsibility.

- 2. Rangoli Competition – Creado 2023** A Rangoli competition was organized during **Creado-2023**, attracting **around 50 students** who showcased vibrant and innovative rangoli designs. The event fostered artistic expression and cultural creativity among students. The programme was coordinated by **Dr. Dhananjay Pandya** and **Dr. Mamta Chauhan**, with encouragement from the principal and staff.

The event was efficiently coordinated by Dr. Dhananjay Pandya under the supervision of Principal Dr. Smita Chhag, with wholehearted support from the college staff. The activity successfully fostered creativity, environmental consciousness, and student engagement, reflecting the Fine Arts Band's commitment to holistic development through art and social awareness.

1. Drawing competition on save environment



1. Drawing competition on 'Save Environment Save Nature



2. Rangoli Competition



❖ **Creative Expression Band (Sarjanatmak Abhivyakti Dhara)**

Under the Saptadhara initiative, the **Creative Expression Band** of Government Science College Veraval organized a wide range of literary, artistic, and creative activities during the academic year 2022–23 to nurture imagination, aesthetic sense, and innovative thinking among students. All programmes were conducted under the guidance of Principal Dr. Smita B. Chhag with active coordination by faculty members.

1. **Youth Festival – AVSAR 2022** Bhakta Kavi Narsinh Mehta University organized the 4th Youth Mahotsav “AVSAR-2022” at U.K.V. Mahila Arts & Home Science College, Keshod, on 23–24 September 2022 to promote artistic talent and creative expression among students. Representing Government Science College, Veraval, Jethva Jagdish (T.Y. Zoology) participated in the Clay Modelling competition, showcasing his creativity and sculpting skills, and received an appreciation certificate for his artistic effort.
2. **Mehndi Competition – CreaTo 2023** A Mehndi Competition was organized during CreaTo-2023 under the guidance of Principal Dr. Smita Chhag at Government Science College, Veraval, to nurture students’ artistic skills and cultural creativity. A total of 18 participants displayed intricate and innovative mehndi designs on both sides of their palms, reflecting traditional and modern patterns. The event was judged by Dr. C. M. Gosai, Dr. M. H. Chauhan, and Mrs. P. L. Mange, who selected five winners based on creativity, design precision, and presentation.
3. **Best out of Waste Competition – CreaTo 2023** The Best out of Waste Competition held under CreaTo-2023 encouraged students to express creativity through eco-friendly art by transforming waste materials into useful and decorative items. Around 20 students participated, creating innovative products such as calendars, bird nests, and flower pots using coconut waste, polystyrene, and paper scraps. The program, guided by Principal Dr. Smita Chhag and coordinated by Dr. Mamta H. Chauhan and Dr. Dhananjay Pandya, highlighted environmental awareness alongside creative expression.
4. **Collage Making and Cartooning Competition – CreaTo 2023** Government Science College, Veraval organized a Collage Making and Cartooning Competition during CreaTo-2023 to provide a platform for students to communicate ideas through visual storytelling and artistic creativity. Participants produced thoughtful collages and expressive cartoons reflecting social themes and imagination. The event was conducted under the guidance of Principal Dr. Smita Chhag and coordinated by Dr. Dhananjay Pandya and Dr. Mamta Chauhan, with active encouragement from the college staff.

Overall, the Creative Expression Band activities significantly fostered creativity, innovation, digital awareness, environmental responsibility, and artistic excellence among students, reinforcing the institution’s commitment to holistic education and talent development.

1.Youth Festival



1.Youth Festival



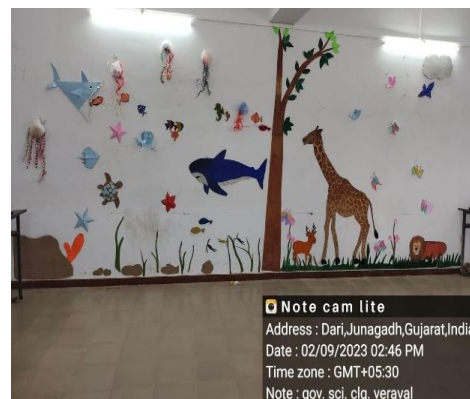
2.Mehndi Competition



3.Best out of Waste Competition



4.Collage Making and Cartooning Competition



5. Selfie Point



❖ Knowledge Band (Gyan Dhara)

Under the Saptadhara initiative, the **Knowledge Band** of Government Science College Veraval organized a variety of academic, literary, and awareness-oriented programmes during the academic year 2022–23. Conducted under the guidance of Principal Dr. Smita B. Chhag, these activities aimed to enhance general knowledge, promote environmental and cultural awareness, strengthen communication skills, and foster intellectual growth among students.

1. **Guru Purnima Celebration** Government Science College, Veraval celebrated Guru Purnima in the college premises to emphasize the value of teachers and the guru–shishya tradition in shaping students’ lives. Principal Dr. Smita B. Chhag addressed the students, highlighting the importance of guidance, discipline, and dedication in achieving excellence, and explained the revered position of gurus in Indian scriptures. On this auspicious occasion, students expressed their gratitude and respect towards their teachers through heartfelt words of appreciation.
2. **Debate Competition on “Whether Plastic is Useful or Not?”** To enhance students’ awareness and critical thinking on environmental issues, Government Science College, Veraval organized a debate competition on the uses and disadvantages of plastic on 3 August 2022. Thirty students registered, and twelve were shortlisted to form two teams presenting arguments for and against plastic usage. The event, coordinated by Prof. Dr. Dhananjay Pandya with support from Mr. Bharat Karamata of All India Radio, Akashvani Rajkot, was recorded for broadcast. T.Y.B.Sc. student Chandpa Dharmishtha secured first rank and was selected for further debate performances, and the program was aired on 21 August 2022, promoting environmental awareness and communication skills.
3. **One-week Sanskrit Speaking & Listening Workshop** A one-week Sanskrit Speaking and Listening Workshop was organized at Government Science College, Veraval in collaboration with Shri Somnath Sanskrit University to promote awareness of India’s

ancient language and linguistic heritage. Dr. Amishaben Dave, a Sanskrit expert, conducted interactive sessions that introduced students to basic spoken Sanskrit and its cultural significance. The workshop, conducted under the guidance of Principal Dr. Smita B. Chhag and coordinated by Shri J. B. Zala, enriched students' knowledge of language, tradition, and national heritage.

- 4. Personality Development Lecture Series** To prepare students for career challenges and holistic growth, Government Science College, Veraval organized a one-week Personality Development lecture series from 5–10 September 2022 in collaboration with the District Youth Development Office, Gir-Somnath. The sessions, delivered by Principal Dr. Smita B. Chhag, Prof. Dr. Dhananjay Pandya, and Shri P. J. Jadeja, focused on communication skills, discipline, confidence, and professional behavior. Sixty final-year students participated and benefited from practical guidance aimed at enhancing employability and personal effectiveness.

Overall, the Knowledge Band activities during 2023–24 significantly contributed to enhancing students' general awareness, intellectual abilities, communication skills, environmental consciousness, and cultural values, thereby strengthening the institution's commitment to holistic and value-based education.

1. Guru Purnima celebration



2. Debate competition on 'Whether Plastic is useful or not?'



2. Debate competition on 'Whether Plastic is useful or not?'



3. One-week Sanskrit Speaking/Listening Workshop



4. Personality Development'



❖ Yoga, Exercise & Sports Band (Yog-Vyayam and Khelkud Dhara)

Under the **Yoga, Health and Sports Band**, Government Science College Veraval organized numerous activities during the academic year 2022–23 to promote physical fitness, mental well-being, teamwork, and sportsmanship among students. These activities reflect the institution's commitment to holistic development.

1. **International Yoga Day Celebration** International Yoga Day was celebrated on 21 June through a yoga–pranayama programme organized at Somnath Temple premises in collaboration with Veraval Nagarpalika and the Sports Department of Gujarat. Students and staff of Government Science College, Veraval actively participated in the session, which began with the address of Prime Minister **Narendra Modi**, emphasizing yoga as a part of daily life for physical and mental well-being. More than 100 students performed various yogasanas and gained awareness about their health benefits.
2. **Yoga & Personality Development Training for SC/ST Students** A three-day Yoga and Personality Development training program was jointly organized by Government Science College, Veraval and the District Youth Development & Sports Office, Gir-Somnath for SC/ST students from 29 August to 2 September 2022. Daily yoga sessions introduced practical techniques for physical fitness and stress management, followed by personality development lectures delivered by faculty members and experts. The program enhanced students' confidence, discipline, and holistic well-being and concluded with positive feedback from participants.
3. **Kabaddi Competition (Girls) – CREATO-2023** A girls' Kabaddi competition was organized at Zaleshwar Beach under CREATO-2023 to promote teamwork, strength, and traditional sports. Four teams participated, and the FY girls' team emerged as the winner after defeating the TY team in the final. The event, coordinated by Dr. M. H. Chauhan and Ms. P. L. Mange, encouraged sportsmanship and active participation among female students.
4. **Kho-Kho Competition (Girls) – CREATO-2023** Kho-Kho competition for girls was organized in the college premises under CREATO-2023 with three teams participating. The FY team secured victory by defeating TY in the first round and SY in the final.

Coordinated by Dr. M. H. Chauhan, the event promoted agility, teamwork, and enthusiasm among students.

5. **Badminton (Girls) – CREATO-2023** A badminton competition for girls was held on 9 February 2023 during CREATO-2023 in the college premises. Twelve students participated in the knockout-based tournament coordinated by Ms. P. L. Mange. The event encouraged fitness, focus, and competitive spirit among participants.
6. **Chess & Carrom Competition (Boys) – CREATO-2023** Chess and Carrom competitions for boys were organized on 8 February 2023 under CREATO-2023 with participation from thirty students. The event, coordinated by Prof. Dr. Dhananjay Pandya and Mr. Sachin Sitapara, fostered strategic thinking and concentration. Winners were awarded ranks and certificates, and students enthusiastically engaged in both indoor games.
7. **Badminton Tournament (Boys)** A one-day badminton tournament was organized on 7 February 2023 in the college indoor compound, with 32 students participating in a knockout format. Coordinated by Mr. Pradeepsinh Jadeja and Dr. D. K. Pandya under the supervision of Principal Dr. Smita Chhag, the tournament featured competitive matches, with Yash Solanki declared winner and Dharecha Arjun as runner-up.
8. **Kabaddi Tournament (Boys)** A Kabaddi tournament was organized at Zaleshwar Beach on 7 February 2023 under the Khel-Kud strand of Saptadhara to promote traditional sports. Three teams—SY, TY, and NCC—participated, and the NCC team won the tournament. The event, coordinated by Mr. Pradeepsinh Jadeja, Mr. Milan Parmar, and Mr. Sachin Sitapara, fostered teamwork, endurance, and sportsmanship.
9. **Chess & Carrom (Girls) – CREATO-2023** Chess and Carrom competitions for girls were held on 9 February 2023 under the Khel-Kud strand of CREATO-2023. Eight students participated in carrom and four in chess. Khushali Dodiya secured first place in carrom, while Nikki Choudhry won first place in chess. The event was coordinated by Ms. Priya Mange, Dr. Chirag Gosai, and Dr. Mamta Chauhan.
10. **Cricket Tournament** A two-day cricket tournament was organized on 7–8 February 2023 at KCC Sports Ground, Veraval, with four teams—FY, SY, TY, and NCC—participating. The tournament was conducted in an official manner with proper equipment and safety arrangements. Coordinated by Mr. Milan Parmar, Mr. Pradeepsinh Jadeja, and Mr. Sachin Sitapara, the event promoted teamwork, discipline, and sportsmanship among students.
11. **CREATO-2023 Game Zone** The “Game Zone” event under CREATO-2023 involved 27 students managing individual stalls featuring games that tested both physical and mental skills. The event attracted active participation from students, staff, and visitors and demonstrated creativity and scientific principles in game design. It was coordinated by Mr. M. L. Parmar, Mr. J. B. Zala, and Mr. S. M. Sitapara under the supervision of Principal Dr. S. B. Chhag.
12. **Volleyball Tournament** A volleyball tournament was organized on 7 February 2023 in the college ground with four teams—FY, SY, TY, and NCC—participating. The event was conducted with proper equipment and safety measures, encouraging teamwork, coordination, and sportsmanship. It was coordinated by Mr. Pradeepsinh Jadeja and Mr. Sachin Sitapara, and winners were felicitated with trophies and certificates.

Overall Impact

The Yoga, Health, and Sports Band activities during 2023–24 significantly contributed to:

- Promoting physical fitness and mental well-being
- Encouraging teamwork and leadership
- Enhancing sportsmanship and resilience
- Supporting holistic student development

These initiatives demonstrate the institution's strong commitment to nurturing well-rounded individuals through balanced academic, physical, and wellness programmes.

1. International yoga day celebration



2. Personality Development for SC Students



3. Kabaddi Competition (Girls)



4.Kho-Kho Competition (GIRLS)



5.Badminton: Girls



6.Chess Competition (Boys)



6.Carrom Competition (Boys)



7.Badminton tournament



8.Kabaddi tournament



9. Chess Competition(GIRLS)



9. Carrom Competition(GIRLS)



10. Cricket tournament



11. Game Zone



12. Volleyball tournament



❖ **Community Service Band (Samudayik Seva Dhara)**

Under the Community Service Band, Government Science College Veraval organized various awareness and outreach programmes during the academic year 2022–23 to promote social responsibility, civic awareness, digital literacy, and ethical values among students.

1. **Ganpati Celebration** Students and staff of Government Science College, Veraval celebrated Ganesh Chaturthi with devotion and enthusiasm for nine days. The campus was beautifully decorated, and daily aarti and naivedyam were offered to Lord **Ganesha**. The celebration fostered unity, cultural values, and active student participation in organizing and managing the event.
2. **International Coastal Clean-Up Day Celebration** International Coastal Clean-Up Day was observed on 17 September through a beach content-making competition organized in collaboration with **GUJCOST** and the Community Science Centre, Gir Somnath. A total of 37 students participated enthusiastically, promoting awareness about coastal conservation and environmental responsibility. Participants received certificates, and winners were awarded prizes by the Principal and faculty members.
3. **Thalassaemia Testing Camp 2022** A Thalassaemia testing camp was organized on 4 October 2022 in accordance with Government of Gujarat guidelines to ensure first-year students undergo screening. The camp was conducted with support from the **Indian Red Cross Society**, Gir Somnath, where experts delivered awareness sessions on prevention and care. A total of 76 students were tested, and financial support for 50% of the testing cost was provided by the Jan Seva Trust of **Grasim Industries**, reflecting strong community collaboration.
4. **Electoral Literacy Club Activities** Under the voter awareness campaign, the college organized seminars on 23 September and 10 October 2022 to promote “Ease of Registration as a Voter.” Students approaching 18 years of age were guided to register through the Voter Helpline App and were educated about the importance of voting in a democracy. The programme, coordinated by faculty members and supported by the Principal, strengthened electoral awareness and responsible citizenship among students.
5. **HIV/AIDS Awareness Programme** An HIV/AIDS awareness seminar was conducted by Vikas Samarthan Kendra, an initiative of the **Gujarat State AIDS Control Society**, to educate students about myths, facts, prevention, and social responsibility related to HIV/AIDS. The session helped reduce stigma and encouraged informed health practices. The Principal expressed gratitude to the NGO team for their valuable contribution to student awareness.

Overall Impact

These activities strengthened:

1. Civic responsibility and ethical values
2. Digital and financial literacy
3. Awareness against corruption and terrorism
4. Democratic participation and voter awareness
5. Gender equality and social sensitivity

The initiatives reflect the institution’s commitment to community engagement and holistic student development.

1. Ganpati celebration



2. Coastal clean-up day celebration



3. Thalassemia Camp 2022



4. G20



5. Report on Electoral Literacy Club



6. HIV AWARENESS PROGRAMME



5.2 National Service Scheme Activities

Under the NSS unit, Government Science College Veraval organized several programmes during the academic year 2023–24 to promote environmental awareness, patriotism, community participation, and national values among students.

1. **World Environment Day Celebration** : World Environment Day was celebrated on 5 June with a tree plantation drive in the college campus to promote environmental awareness. Students and staff enthusiastically planted saplings and pledged to nurture them as a part of their national duty toward nature conservation. Social activist Dr. Jivabhai Vala encouraged students with his inspiring presence. The programme was conducted under the guidance of the Principal and coordinated by Assistant Professor Shri J. B. Zala.
2. **World Nature Conservation Day** : World Nature Conservation Day was observed on 28 July through a cleanliness drive at the Veraval coastal area. Students collected plastic waste, bottles, fishing nets, and other pollutants,

promoting environmental responsibility and coastal conservation. The activity was organized by third-year Zoology students under the guidance of the Principal, fostering ecological awareness and community engagement.

3. **World Lion Day** : On 10 August 2022, 110 students participated in a taluka-level rally organized by the **Gujarat Forest Department** to mark World Lion Day. Students raised awareness about lion conservation through slogans and lion masks. They also attended an online webinar by **Bhakta Kavi Narsinh Mehta University**, where experts delivered lectures on wildlife conservation and career opportunities in forest services. The event was coordinated by Dr. Paresh U. Poriya.
4. **Independence Day Celebration** : Independence Day was celebrated on 15 August under Azadi Ka Amrit Mahotsav with flag hoisting, the National Anthem, and a motivational address by the Principal. Students presented patriotic songs, dances, speeches, and a play reflecting national spirit, while NCC cadets performed a parade and pyramid display. Cultural performances including “Kasumbi no Rang” enriched the celebration, promoting patriotism and cultural pride.
5. **Swachh Bharat Mission Activity** : Under the Swachh Bharat Mission, a cleanliness drive was conducted on 28 December 2022 in the college premises. Students and teachers collected plastic waste, removed weeds, and ensured proper disposal of laboratory chemical waste. The activity reinforced the importance of cleanliness, sustainability, and responsible waste management.
6. **Fit India Freedom Run** : The Fit India Freedom Run was organized on 14 August 2022 to promote fitness and national unity under the Azadi Ka Amrit Mahotsav initiative. Students and staff actively participated in the run/walk, highlighting the importance of physical health and an active lifestyle. The event was organized by Dr. Mamta Chauhan and Dr. Dhananjay Pandya under the guidance of the Principal.
7. **International Tiger Day** : International Tiger Day was observed on 29 July through a “Save Tiger” awareness programme in the college. Zoology students prepared posters, cards, and delivered lectures to spread awareness about tiger conservation and biodiversity protection. The programme was conducted under the guidance of the Principal and coordinated by Dr. Paresh Poriya.
8. **National Youth Day Celebration** : National Youth Day was celebrated on 12 January to commemorate the birth anniversary of **Swami Vivekananda**. An elocution competition was organized to inspire students through his teachings and ideals. Faculty members shared motivational thoughts, encouraging youth to develop leadership, discipline, and national values. The event was organized by Ms. Priya Mange.
9. **World Water Day** : World Water Day was observed on 25 March 2023 to highlight the importance of freshwater conservation and sustainable water management. A group discussion competition was organized to raise awareness about water scarcity, sanitation, and hygiene. The programme was conducted by Ms. Priya Mange under the guidance of the Principal, encouraging students to adopt responsible water usage practices.

Overall Impact

These NSS activities contributed to:

- Environmental conservation and sustainability awareness
- Patriotism and national integration
- Community engagement and social responsibility
- Youth participation in nation-building

The initiatives reflect the college's commitment to developing socially responsible and environmentally conscious citizens.

1. Environment day Celebration



2. World nature conservation day celebration



3. World Lion Day



4. Independence Day celebration



5. Independence Day celebration



6. SWACHH BHARAT MISSION



7. National Youth Day Celebration



8. Celebration of Fit India Freedom Run-Azadi ka Amrit Mahotsav - Celebration of 75 Years of Independence Day



9. International Tiger Day celebration



10. World Water Day



5.3 Cyber Awareness Programmes

Under the Cyber Club, Government Science College Veraval organized various activities during the academic year 2023–24 to promote digital literacy, cyber safety, and responsible online behaviour among students.

1. **Slogan Making Competition on Cyber Security** A slogan making competition on Cyber Security was organized on 04 January 2023 at Government Science College, Veraval to create awareness about cybercrime under the theme “Awareness on Cybercrime.” A total of 30 students participated enthusiastically and expressed their ideas on safe digital practices through impactful slogans. Paresh Jotva and Jay Chudasama secured first rank, Parmar Khushali achieved second rank, and Ram Reena stood third. The competition was coordinated by Dr. Mamta H. Chauhan, promoting digital responsibility and cyber awareness among students.
2. **Poster Making Competition on Cyber Security Awareness** A poster making competition on Cyber Security Awareness was held on 01 February 2023 at Government Science College, Veraval with the theme “Cyber-security.” Around 40 students and staff members participated and presented creative posters highlighting online safety and cybercrime prevention. Chandnani Kiran secured first rank, Bhola Haresh and Gadhiya Bhavik achieved second rank, while Tank Ishrat and Zala Yashvanti secured third rank. The programme was conducted under the guidance of the Principal, Dr. Smita Chhag, and coordinated by Dr. Mamta H. Chauhan, with active support from staff members ensuring the event’s success.

Overall Impact

These programmes helped to:

- Enhance digital literacy and cyber सुरक्षा awareness
- Promote safe and responsible use of technology
- Develop communication and creative skills
- Prepare students to prevent cyber fraud and online threats

The initiatives reflect the institution’s commitment to building a cyber-aware and digitally responsible student community.

1. Slogan making Competition on Cyber Security



2. Poster Making Competition on Cyber-security Awareness



5.4 Panch Prakalp

Under the Panch Prakalp initiative of Azadi Ka Amrit Mahotsav, Government Science College Veraval conducted community-oriented programmes to promote fitness, social awareness, sustainable agriculture, and environmental conservation. All activities were organized under the guidance of Principal Dr. Smita B. Chhag and coordinated by Dr. Mamta Chauhan with support from faculty members.

No Addiction Programme under Azadi Ka Amrit Mahotsav – Panch Prakalp

Under Azadi Ka Amrit Mahotsav – Panch Prakalp, Government Science College, Veraval organized a No Addiction Awareness Programme to educate rural communities about the harmful effects of substance abuse. Principal Dr. Smita Chhag, along with Shri J. B. Zala, Dr. M. H. Chauhan, and 40 students, visited nearby villages Dabhor and Tantivada where local residents gathered near the temple grounds. Students presented a street play highlighting the physical, social, and economic consequences of addiction to substances such as alcohol, tobacco, and drugs. The programme aimed to promote a healthy lifestyle and social responsibility among villagers. The entire activity was conducted by Dr. Mamta Chauhan in coordination with Shri J. B. Zala under the guidance of the Principal.

Overall Impact

These Panch Prakalp activities helped to:

- Promote physical fitness and rural sports
- Spread awareness about substance abuse prevention
- Encourage sustainable agriculture practices
- Foster environmental responsibility and sanitation awareness
- Strengthen community engagement and social values

The initiatives reflect the college's commitment to nation-building through community participation and holistic student development.

1. No Addiction Programme under Azadi ka Amrit Mahotsav, Panch Prakalp



1. No Addiction Programme under Azadi ka Amrit Mahotsav, Panch Prakalp



5.5 No Addiction Campaign

No Addiction Programme under Azadi Ka Amrit Mahotsav – Panch Prakalp
Under Azadi Ka Amrit Mahotsav – Panch Prakalp, Government Science College, Veraval organized a No Addiction Awareness Programme to educate rural communities about the dangers of substance abuse. Drug addiction, a chronic disorder affecting brain function and behavior, leads to loss of control and severe social, economic, and health consequences. To spread awareness, Principal Dr. Smita Chhag, along with Shri J. B. Zala, Dr. M. H. Chauhan, and 40 students, visited the nearby villages of Dabhor and Tantivada, where local residents gathered near the temple grounds. The students performed a street drama illustrating the harmful effects of addictive substances such as alcohol, tobacco, and drugs, encouraging villagers to adopt a healthy and addiction-free lifestyle. The programme was conducted by Dr. Mamta Chauhan in coordination with Shri J. B. Zala under the guidance of the Principal.

1. No Addiction Programme under Azadi ka Amrit Mahotsav, Panch Prakalp



1. No Addiction Programme under Azadi ka Amrit Mahotsav, Panch Prakalp



6 Student Welfare and Institutional Committees

6.1 Women Development Cell

Under the Women Development Cell (WDC), Government Science College Veraval organized several programmes during the academic year 2023–24 to promote women’s safety, health, rights, and empowerment.

1. **Programme on POCSO Act** Government Science College, Veraval organized an awareness programme on the Protection of Children from Sexual Offences (POCSO) Act on 13/10/2022 in collaboration with the District Court of Gir Somnath to educate students about child safety and legal protections. The POCSO Act, 2012, enacted to address rising cases of child sexual abuse, provides safeguards against sexual assault, harassment, and pornography involving minors and outlines procedures for legal implementation. Advocate Ms. Ilaben Dabhi conducted the session and sensitized approximately 100 students of F.Y. and S.Y. B.Sc. about recognizing, preventing, and reporting offences against children. She emphasized the role of youth in safeguarding children and promoting a secure environment. The programme was coordinated by Dr. Mamta Chauhan, Assistant Professor of Chemistry, with active support from teaching and non-teaching staff, ensuring the successful execution of the awareness initiative.

2. **International Women’s Day Celebration** Government Science College, Veraval celebrated International Women’s Day by organizing an inspirational lecture by Mrs. Universe 2021, **Parin Somani**, who shared her life journey of resilience, positivity, and empowerment. During her address, she encouraged students—especially young women—to face challenges with courage and maintain a positive outlook despite hardships. She spoke about overcoming severe health struggles, including vision loss and facial cancer surgery, and highlighted the importance of inner strength, faith, and continuous learning. Emphasizing respect for culture, she expressed her pride in wearing a saree as a tribute to Gujarat’s traditions during her visit from London. Her motivational message urged students to use their time constructively, avoid negativity, and build a meaningful connection with spirituality and self-growth. The session proved to be a proud and inspiring moment for the college, fostering confidence, resilience, and empowerment among students.

Overall Impact

These activities strengthened awareness about women’s rights, health, safety, and empowerment while encouraging confidence, leadership, and gender equality among students.

1. The program on POCSO Act



2. International Women’s day celebration



3. International Women’s day celebration



7 Inter College/University/Competition/Activity

Government Science College, Veraval organized and participated in various academic and co-curricular activities to enhance students' knowledge, skills, and exposure beyond the classroom.

To commemorate 20 years of public service by Narendra Modi, the book *Modi@20: Dreams Meet Delivery* was launched across India. As part of the celebrations, the book was released at Shree Somnath Sanskrit University by Prakash Javadekar.

Around 200 students and staff members of Government Science College Veraval attended the launch event on **30-07-2022**. The visit provided students with an opportunity to learn about leadership, governance, and public service.

Outcome

These activities enhanced students' academic exposure, competitive spirit, and global awareness. Participation in the Overseas Guidance Seminar increased students' understanding of international education opportunities and procedural requirements. Representation and achievements in the State-Level Yuva Utsav strengthened confidence, creativity, and communication skills. The celebration of National Science Day fostered scientific temper, critical thinking, and innovation among students. Overall, these initiatives contributed to holistic development and encouraged students to actively engage in academic, cultural, and scientific platforms beyond the college.

1. Modi @20 book launch event visit at Sri. Somnath Sanskrit university



