



YEARLY STATUS REPORT - 2023-2024

Part A

Data of the Institution

1.Name of the Institution	
	THE HNSB. LTD. SCIENCE COLLEGE, HIMATNAGAR
• Name of the Head of the institution	DR. J.S.PATEL
• Designation	I/c. PRINCIPAL
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	02772228925
• Mobile no	9825635055
• Registered e-mail	scihmt@yahoo.co.in
• Alternate e-mail	hnsb93.sci@gmail.com
• Address	College Campus, Motipura,
• City/Town	Himatnagar
• State/UT	Gujarat
• Pin Code	383001
2.Institutional status	
• Affiliated /Constituent	Affiliated
• Type of Institution	Co-education
• Location	Semi-Urban

• Financial Status	Grants-in aid
• Name of the Affiliating University	HNGU, PATAN
• Name of the IQAC Coordinator	DR. N.I.PATEL
• Phone No.	9426537486
• Alternate phone No.	9426537486
• Mobile	9426575775
• IQAC e-mail address	iqac@hnsbscihmt.org
• Alternate Email address	hnsb93.sci@gmail.com
3.Website address (Web link of the AQAR (Previous Academic Year))	https://hnsbscihmt.org/aqar
4.Whether Academic Calendar prepared during the year?	Yes
• if yes, whether it is uploaded in the Institutional website Web link:	https://hnsbscihmt.org/upload/academic_calendar/1695022458ACADEMIC%20CALENDAR%202023-24.pdf

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B	2.06	2008	01/08/2008	31/07/2013
Cycle 2	B	2.05	2021	31/03/2021	30/03/2026

6.Date of Establishment of IQAC

01/02/2008

7.Provide the list of funds by Central / State Government

UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
The HNSB. Ltd. Science College Himatnagar	Direct Pay Grant	Gujarat State, Education Department	2023-24	64106889 Rs
The HNSB. Ltd. Science College Himatnagar	Udisha Placement	KCG, Government of Gujarat	2023-24	50000 Rs
The HNSB. Ltd. Science College Himatnagar	NSS	Gove. of Gujarat	2023-24	27000 Rs
The HNSB. Ltd. Science College Himatnagar	Azadi ka Amrut Mahotsav	KCG, Government of Gujarat	2023-24	24000 Rs
The HNSB. Ltd. Science College Himatnagar	NAMO WiFi Infra KCG Grant	KCG, Government of Gujarat	2023-24	500000 Rs
The HNSB. Ltd. Science College Himatnagar	Finishing School Grant	KCG, Government of Gujarat	2023-24	127750 Rs

8. Whether composition of IQAC as per latest NAAC guidelines	Yes
<ul style="list-style-type: none"> • Upload latest notification of formation of IQAC 	View File
9.No. of IQAC meetings held during the year	07
<ul style="list-style-type: none"> • Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? 	Yes

<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded
10. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No
<ul style="list-style-type: none"> If yes, mention the amount 	
11. Significant contributions made by IQAC during the current year (maximum five bullets)	
Implementation of Self-Appraisal System: The IQAC successfully Introduced a comprehensive self-appraisal system for both teaching and non-teaching staff to enhance their professional development.	
Feedback Collection and Analysis: Feedback forms were distributed among students, teachers, alumni, parents, and employers, and the IQAC diligently collected, analyzed, and acted upon the feedback received to improve the overall quality of education and administration.	
The IQAC demonstrated commitment and adherence to quality standards by successfully submitting the Annual Quality Assurance Report (AQAR) for the academic year 2022-23 to the National Assessment and Accreditation Council (NAAC).	
Scheduled and conducted regular IQAC meetings involving faculties, administrative staff, alumni, and parents, fostering effective communication and collaboration to address concerns and implement improvements.	
Different Faculty and Administrative staff development programs were successfully organized by the IQAC.	
12. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year	
Plan of Action	Achievements/Outcomes
Academic Calendar	Designed by the IQAC and displayed on the website, the notice
Certificate Courses	07 certificate courses are completed by the departments under the guidance of IQAC
Field Projects	Field projects on water analysis

	was completed by the chemistry department and Field project on Microbiological analysis of dairy products was completed by the Microbiology department under the guidance of the IQAC.
Faculty development programs and administrative development programs	Faculty development programs like seminar on Professional Code of Ethics, Annual awareness Program on Code of Conduct, FDP on Innovative Practice in Science Stream, FDP on Curriculum development process, FDP on Artificial Intelligence were arranged under the guidance of the IQAC.
Performance appraisal system for teaching and non-teaching staff	A performance appraisal system for teaching and non-teaching staff was designed by the IQAC. Filled forms were submitted to the principal for analysis and action taken
Internal academic audit	An internal academic audit of the different departments was designed by the IQAC and Successfully completed.
Energy and Environmental audit	The energy and Environment audit was completed by the Physics, Botany department respectively under the guidance of the IQAC.
Feedback system	Feedback from different Stakeholders were taken. It was analyzed and suitable actions was taken by the principal and IQAC.
IQAC meetings	07 IQAC meetings with different stakeholders were completed by the IQAC
13. Whether the AQAR was placed before statutory body?	Yes

- Name of the statutory body

Name	Date of meeting(s)
HIMATNAGAR KELAVANI MANDAL	06/10/2023

14. Whether institutional data submitted to AISHE

Year	Date of Submission
2023-24	28/02/2024

15. Multidisciplinary / interdisciplinary

The HNSB Ltd. Science College, Himatnagar, offers a dynamic and diverse curriculum that includes subjects such as Chemistry, Botany, Physics, Microbiology, Green Chemistry, Pharmaceutical Chemistry, The Indian Constitution, and Value Education. The college aims to develop well-rounded individuals who possess a comprehensive understanding of these multidisciplinary fields. Students engage in in-depth studies complemented by hands-on laboratory work and practical applications, fostering a holistic learning experience. The curriculum features specialized courses like Pharmaceutical Chemistry, Green Chemistry, and Medical Microbiology, equipping students with cutting-edge knowledge. The college places a strong emphasis on the importance of The Indian Constitution and incorporates value education to instill ethical principles and social responsibility. Through interdisciplinary projects, industrial collaborations, and research initiatives, HNSB Ltd. Science College is dedicated to nurturing students' intellectual curiosity and promoting holistic development.

16. Academic bank of credits (ABC):

The HNSB Ltd. Science College in Himatnagar has implemented a system of ABC IDs for its B.Sc. and M.Sc. students. Each student is assigned a unique ABC ID number, which serves as an essential identifier throughout their academic journey. These IDs are subsequently forwarded to Hemchandraacharya North Gujarat University in Patan to facilitate seamless administrative processes. This systematic approach not only ensures efficient record-keeping but also streamlines various university-related procedures. The collaboration between HNSB Ltd. Science College and the university highlights our commitment to organized and effective education management for both undergraduate and postgraduate students in the

field of science.

17.Skill development:

The HNSB Ltd. Science College in Himatnagar prioritizes comprehensive skill development for students, faculty, and non-teaching staff. Faculty members have actively participated in a variety of national and international seminars, Faculty Development Programs (FDPs), workshops, and training sessions. Similarly, students have successfully completed various certificate courses, field projects, and internships, thereby enhancing their practical knowledge. The college takes a proactive approach in organizing diverse activities, including seminars and workshops that focus on soft skills and communication proficiency. Specialized workshops on ICT tools and computing skills have also been conducted to equip participants with contemporary technological competencies. Career guidance seminars offer valuable insights, while lecture series on competitive exams such as NET and GATE contribute to both academic and professional enrichment. This multifaceted approach reflects the institution's commitment to holistic education, fostering a dynamic learning environment that extends beyond traditional classrooms and prepares individuals for the diverse challenges they may face in their academic and professional journeys.

18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

This multifaceted approach reflects the institution's commitment to holistic education, fostering a dynamic learning environment that extends beyond traditional classrooms and prepares individuals for diverse challenges in their academic and professional journeys. The HNSB Ltd. Science College in Himatnagar demonstrates a thoughtful integration of the Indian knowledge system by offering courses primarily in Indian languages, such as Gujarati and English, for its B.Sc. and M.Sc. programs. This approach not only preserves the cultural and linguistic diversity of the region but also ensures that students can access education in a language familiar to them. By combining the richness of Indian languages and cultural context with the versatility of online education, the institution imparts subject knowledge while nurturing a holistic learning experience that resonates with the local ethos. This approach reflects a harmonious blend of tradition and innovation, ensuring that education is both culturally rooted and globally relevant.

19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

The HNSB Ltd. Science College in Himatnagar is committed to Outcome-Based Education (OBE), a student-centric instructional paradigm that

emphasizes measurable performance outcomes. Through meticulous evaluation, the college assesses success using Course Outcomes (COs) and Program Outcomes (POs). This approach ensures a clear alignment between educational objectives and the results achieved, fostering transparency and accountability. Additionally, the institution monitors success indicators such as placement rates and students' progression to higher education, providing valuable insights into the effectiveness of its educational strategies. This commitment to OBE aligns with the criteria set by the National Assessment and Accreditation Council (NAAC), highlighting the college's dedication to continuous improvement and quality enhancement. By focusing on tangible outcomes, The HNSB Ltd. Science College not only meets accreditation standards but also cultivates a dynamic learning environment that prepares students for real-world challenges.

20.Distance education/online education:

The HNSB Ltd. Science College in Himatnagar currently does not offer distance education programs. However, recognizing the significance of online platforms in modern education, the institution has actively engaged in organizing a variety of online seminars and training sessions. These initiatives aim to enhance the overall academic experience and skill set of our students. The online seminars cover a wide range of topics, providing students with valuable insights from experts in their respective fields. Additionally, various training programs are conducted to ensure that students are well-versed in contemporary tools and technologies, aligning with the demands of the digital era. By incorporating online education components, our college demonstrates a commitment to staying current with educational trends and fostering a dynamic learning environment. Although distance education is not part of our current offerings, these online initiatives reflect our dedication to leveraging technology for the continuous improvement and enrichment of our students' educational journeys.

Extended Profile

1.Programme

1.1 175

Number of courses offered by the institution across all programs during the year

File Description	Documents
Data Template	View File

2.Student2.1 **619**

Number of students during the year

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2 **343**

Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year

File Description	Documents
Data Template	View File

2.3 **227**

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	View File

3.Academic3.1 **19**

Number of full time teachers during the year

File Description	Documents
Data Template	View File

3.2 **03**

Number of sanctioned posts during the year

Extended Profile	
1.Programme	
1.1 Number of courses offered by the institution across all programs during the year	175
File Description	Documents
Data Template	View File
2.Student	
2.1 Number of students during the year	619
File Description	Documents
Institutional Data in Prescribed Format	View File
2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	343
File Description	Documents
Data Template	View File
2.3 Number of outgoing/ final year students during the year	227
File Description	Documents
Data Template	View File
3.Academic	
3.1 Number of full time teachers during the year	19
File Description	Documents
Data Template	View File

3.2	03
Number of sanctioned posts during the year	
File Description	Documents
Data Template	View File
4.Institution	
4.1	7
Total number of Classrooms and Seminar halls	
4.2	50.91
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	26
Total number of computers on campus for academic purposes	

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

The college diligently adheres to the curriculum mandated by the Hemchandracharya North Gujarat University, Patan, through its Boards of Studies. Employing a transparent and strategic mechanism, the institution ensures effective curriculum delivery.

In alignment with the university's academic calendar, the college emphasizes practical exposure through industrial visits, tours, and internships. To foster teamwork, sharing, and Presentation and research skills, students engage in project work, problem-solving, and book reviews. Leveraging social platforms like YouTube and WhatsApp, the institution employs ICT-based materials available on the website for effective teaching. Furthermore, the college regularly conducts subject-related certificate courses, field projects, value-added courses, workshops, training sessions, expert seminars, and placement activities, contributing to a holistic educational experience

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://hnsbscihmt.org/bsc

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

The institution meticulously follows the academic calendar, encompassing the conduct of Continuous Internal Evaluation (CIE).

The academic year typically commences in June, with the college's academic activities strategically planned by a committee comprising the principal, IQAC, HODs, and senior faculty members.

This dedicated committee prepares comprehensive academic calendar outlining all activities to be pursued throughout the year.

The college demonstrates effective planning aligned with the university's academic calendar and formulates its academic calendar encompassing examination schedules, curricular, and co-curricular activities. This strategic approach enables both teachers and students to organize their teaching, learning, and regular assessment activities systematically. Various committees within the institution are specifically designed to adhere to examination schedules and organize competitions at both the college and university levels.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://hnsbscihmt.org/academic-calendar

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year.

Academic council/BoS of Affiliating University

Setting of question papers for UG/PG programs

Design and Development of Curriculum for Add on/ certificate/

A. All of the above

Diploma Courses Assessment /evaluation process of the affiliating University

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

05

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	View File
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

07

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

400

File Description	Documents
Any additional information	View File
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

The HNSB Ltd. Science College, Himatnagar, places a paramount emphasis on the integration of crosscutting issues within its curriculum, recognizing the vital importance of Professional Ethics, Gender Equality, Human Values, and Environmental sustainability. These aspects are seamlessly woven into our academic fabric, making them an integral and inseparable part of the learning experience.

Our institution offers a spectrum of courses such as Value oriented education, Human Rights, Indian Constitution, Environmental Sciences, Entrepreneurship, and Leadership. These courses are meticulously designed to enrich students with a holistic understanding of societal values, ethics, and environmental consciousness.

In addition to academic initiatives, the college is committed to fostering a safe and inclusive environment. We have established a Women's Grievance Cell and a Grievance Redressal Cell to provide counseling and support to students. These cells actively promote gender equity among students and address safety and security concerns for female students, staff, and faculty. The college premises are fortified with CCTV surveillance and a robust security system, ensuring a secure learning and working environment for everyone.

File Description	Documents
Any additional information	View File
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

69

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	View File
Institutional Data in Prescribed Format	View File

1.3.3 - Number of students undertaking project work/field work/ internships

370

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders
Students
Teachers
Employers
Alumni

A. All of the above

File Description	Documents
URL for stakeholder feedback report	https://hnsbscihmt.org/feedback-actions
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	View File

1.4.2 - Feedback process of the Institution may be classified as follows

A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://hnsbscihmt.org/feedback-actions

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

227

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

343

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

The college employs a supervised learning rate approach to discern the academic progress of students, distinguishing between slow and advanced learners based on their performance metrics. Slow and advanced learners are identified on the base of their results.

Advanced learners exhibit excellence in various facets such as classroom engagement, laboratory proficiency, fundamental knowledge, and cognitive abilities. To nurture their potential, faculty members encourage advanced learners to showcase their research in state, national, and international seminars, fostering a culture of Scholarly publication.

Conversely, for slow learners, the institute implements targeted interventions through individual mentors. These mentors offer comprehensive guidance and moral support, overseeing academic growth via remedial coaching, laboratory practical, and internal Examinations. Tailored assistance is provided, addressing the specific needs of slow learners. During theory and practical sessions, emphasis is placed on elucidating critical topics to enhance comprehension and performance. Additionally, the college conducts counseling sessions coupled with supplementary teaching to bolster the efforts invested, ultimately boosting performance in both internal assessments and university examinations. This holistic approach ensures a supportive learning environment catering to the diverse needs of students with varying learning paces.

File Description	Documents
Paste link for additional information	https://hnsbscihmt.org/advanced-programs-for-slow-learner
Upload any additional information	View File

2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
619	18

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Our educational framework is unequivocally centered on students, employing diverse strategies to enrich the learning experience. We prioritize three pivotal methodologies: Experiential learning, Participative learning, and Problem-solving.

Experiential Learning: Our educators establish an enriching learning milieu by integrating immersive, hands-on experiences. Practical sessions, demonstrations, industrial visits, additional courses, project work, internships, instrumentation training, and e-content usage are integral facets of our teaching methodology. This emphasis on experiential learning ensures a thorough grasp of concepts and their practical application.

Participative Learning: Acknowledging students as primary stakeholders, we employ participatory methods to actively engage them in the learning journey. Assignments, seminars, quiz sessions,

Competitions and research presentations foster active participation. In PG chemistry, specialized seminars empower students to present topics through PPTs, enhancing their participatory learning experiences and nurturing leadership qualities.

Problem Solving: Our unwavering commitment to problem-solving is manifested through diverse approaches. Students tackle project work addressing issues in health research, water, environment, and soil.

This cultivates innovative thinking and active problem-solving engagement. Our students are consistently prepared to explore novel pathways to overcome challenges.

In summary, our student-centric approach revolves around immersive experiences, active student participation, and the cultivation of problem-solving skills, ensuring a comprehensive and effective learning journey.

File Description	Documents
Upload any additional information	View File
Link for additional information	https://hnsbscihmt.org/advanced-programs-for-slow-learner

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

The college employs a range of ICT-enabled tools to enhance the efficacy of the teaching-learning process. These tools include projectors, lecture-capturing systems, desktops, laptops, online classes, seminars, quizzes, and Continuous Internal Evaluation (CIE) through platforms like Google Meet and Microsoft Teams. Faculty members utilize PowerPoint presentations (PPTs) for both theoretical and practical aspects, with materials uploaded as e-content on the institutional website. Additionally, many faculty members maintain their own YouTube channels. Classrooms are well-equipped with projectors, overhead projectors (OHP), and computers, with two classrooms featuring lecture recording facilities. Beyond traditional chalk-and-talk methods, instructors incorporate IT-enabled learning tools such as PPTs, video clippings, audio systems, and online resources to expose students to advanced knowledge and promote participative learning.

The mentoring process and feedback collection are seamlessly conducted online, contributing to efficient communication. In the M.Sc. program, the documentation for Continuous Internal Evaluation (CIE) is also managed online. This comprehensive integration of ICT tools underscores the institution's commitment to providing a technologically enriched and participatory educational experience for its students.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

18

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	View File
Circulars pertaining to assigning mentors to mentees	View File
Mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

2.4.1 - Number of full time teachers against sanctioned posts during the year

18

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	View File
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

13

File Description	Documents
Any additional information	View File
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

358

File Description	Documents
Any additional information	View File
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

Examinations play a pivotal role in assessing students' potential within our university. Our examination system for the Bachelor of Science program operates on a 30:70 evaluation scheme, where 30% of the overall result is derived from internal exams held once per semester. The remaining 70% is determined through university exams. This system ensures transparency and robustness in the evaluation process.

The Continuous Internal Evaluation comprises various components such as quizzes, assignments, attendance, seminars, book reviews, projects, and problem-solving assessments. Internal semester examinations are conducted by the institution, and the examination dates are outlined in the academic calendar shared with faculty and students at the beginning of each semester. Faculty members submit their examination papers in sealed covers directly to the examination convener for printing.

External practical examinations are conducted by respective departments, with results submitted to the university. Examinations are conducted in a conducive and secure atmosphere. A dedicated examination committee, comprised of senior faculty members, serves as both senior supervisors and local squads to ensure the prevention of malpractices. Surveillance is maintained through CCTV cameras in all classrooms and lobbies, resulting in rare cases of malpractice during examinations.

File Description	Documents
Any additional information	View File
Link for additional information	https://hnsbscihmt.org/results

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time- bound and efficient

The college prioritizes addressing examination-related grievances and has established a systematic approach to handle such concerns.

At the college level, for grievances related to internal evaluation, students can approach the convener of the examination committee. The convener diligently addresses the issue and works towards a resolution. After the publication of marks on the notice board, students are given a stipulated ten-day period to raise any queries about the assessment in their respective subjects. To ensure transparency, a mechanism for rechecking/reassessment of answer sheets is in place upon student demand. The college invites applications for queries, allowing students to review their answer books and resolve concerns. The Head of the Department (HOD) oversees the reassessment process and submits the results, along with a report, to the Examination Committee. Any improvements in the results are promptly rectified.

At the university level, if a student remains dissatisfied with their results in the university exams, the process follows the established rules and regulations of the university to address and resolve their grievances. This comprehensive approach underscores the commitment to fairness and responsiveness in handling examination-related concerns at both the college and university levels.

File Description	Documents
Any additional information	View File
Link for additional information	https://hnsbscihmt.org/results

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

Each undergraduate (UG) and postgraduate (PG) program has distinct objectives, yet the overarching goals are centered on imparting valuable education, enhancing employability, fostering a quality life, and nurturing responsible individuals for society. The outcomes of these programs are thoroughly analyzed by respective departments.

Communication of program information occurs through various channels. Program outcomes (POs), program-specific outcomes (PSOs), and course outcomes (COs) for UG and PG programs are prominently displayed on the institutional website and departmental notice boards. Orientation programs at the start of each academic year, led by faculty members, inform students about these outcomes.

Faculty members illuminate learning outcomes in the classroom during lectures, aligning them with specific topics or units. This proactive approach aims to convey to both faculty and students what knowledge and skills are expected to be imparted and acquired, respectively. The clear dissemination of COs and POs serves as a guide, ensuring faculty members understand the expectations for teaching, and students are aware of the intended learning outcomes by the conclusion of their courses. This comprehensive communication strategy contributes to a well-informed and goal-oriented academic environment.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://hnsbscihmt.org/bsc
Upload COs for all Programmes (exemplars from Glossary)	View File

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

The college employs a comprehensive mechanism to evaluate Course Outcomes (COs) and Program Outcomes (POs) through various parameters, including college and university results, placements, employability in diverse fields, student participation in competitive examinations, and the percentage progression of students in higher education.

Course Outcomes, which reflect the skills, knowledge, and application acquired by students, are assessed through university results, the percentage of students progressing to higher education, and their participation and success rates in competitive examinations.

Program Outcomes for both undergraduate (UG) and postgraduate (PG) programs are evaluated based on placements at the program's conclusion. Additionally, the ability of students to initiate new businesses or enhance the management of existing family businesses serves as a tangible measure of program success.

This multifaceted evaluation approach ensures a comprehensive understanding of the effectiveness of both individual courses and entire programs, aligning with the college's commitment to preparing students for successful careers, entrepreneurship, and continued academic pursuits.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://hnsbscihmt.org/bsc

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

225

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	https://hnsbscihmt.org/annual-report

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)

https://docs.google.com/forms/d/e/1FAIpQLSc2m_6vKZ9sAkrNRrBEkn5ByOjo1bpMs2vOODG00lV_9GbwLg/viewform

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

00

File Description	Documents
Any additional information	View File
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

08

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year

00

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	View File
Supporting document from Funding Agency	View File
Paste link to funding agency website	https://hnsbscihmt.org/rdc/research-activities

3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

The institution has established a robust innovation ecosystem, featuring an Incubation Center and diverse initiatives aimed at cultivating and disseminating knowledge. The Incubation Cell plays a pivotal role in organizing workshops on research methodology,

intellectual property rights, and entrepreneurship, fostering knowledge creation and transfer among students.

Moreover, the institution boasts a dedicated Research and Development (R&D) cell, responsible for orchestrating and streamlining R&D endeavors, thereby nurturing comprehensive growth. This committee, guided by the R&D cell, recommends and secures financial support for faculty research publications, enabling the institute to support scholarly contributions. The R&D cell orchestrates an array of activities on National Science Day. The postgraduate department is deeply involved in engaging

students in research initiatives and various projects, instilling a strong research culture. Knowledge dissemination occurs through workshops on research methodologies, guest lectures, and active student involvement in seminars and poster presentations organized by the institution and external bodies.

Additionally, faculty members are actively encouraged to join professional organizations, further enhancing knowledge exchange and academic growth within and beyond the institution.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://hnsbscihmt.org/

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

07

File Description	Documents
Report of the event	View File
Any additional information	View File
List of workshops/seminars during last 5 years (Data Template)	View File

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

11

File Description	Documents
URL to the research page on HEI website	https://hnsbscihmt.org/rdc/research-activities
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	View File

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year

07

File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year

03

File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File

3.4 - Extension Activities

3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

The college organizes a number of extension activities to promote the institute-neighborhood community near the slum area, blind

community, and armed forces, and also near village Sundarghadh to sensitize the students towards community needs. The students of our college actively participate in social service activities leading to their overall development. The college runs effectively the National Service Scheme, Women's Cell, and Youth Committee. Through these units, the college undertakes various extension activities in the neighborhood community like Cybercrime public awareness drive, Tiranga Utsav, Run for Tiranga, Organ donation awareness program, Voters awareness drive, Geeta Jayanti celebration, Armed force day fund collection, Thalassemia test, etc. for the betterment of our community. The NSS (National Service Scheme) conducts an annual camp in the neighboring village of Sundarghadh for 7 days, which helps them to mingle with the village and rural people to understand their lifestyles and needs better. All these mentioned activities have a positive impact on the students and they developed student community relationships, leadership skills, and self-confidence of students. It also helped in cultivating the hidden personalities of students and created awareness among students.

File Description	Documents
Paste link for additional information	https://hnsbscihmt.org/
Upload any additional information	View File

3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year

00

File Description	Documents
Any additional information	View File
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	View File

3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry,

community and NGOs) during the year

3.4.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

09

File Description	Documents
Reports of the event organized	View File
Any additional information	View File
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

471

File Description	Documents
Report of the event	View File
Any additional information	View File
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

25

File Description	Documents
e-copies of related Document	View File
Any additional information	View File
Details of Collaborative activities with institutions/industries for research, Faculty	View File

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year

10

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	View File
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

The HNSB. Ltd. Science College, Himatnagar, takes pride in providing a conducive environment for effective teaching and learning through its robust infrastructure and state-of-the-art facilities. Our institution boasts well-equipped classrooms that foster an interactive and engaging atmosphere for students. These classrooms are designed to accommodate modern teaching methodologies, ensuring a seamless learning experience. Laboratories at our institution are fully equipped with the latest apparatus and tools, facilitating hands-on learning experiences for students across various disciplines. The emphasis on practical learning is further supported by cutting-edge computing equipment, enabling students to explore and apply theoretical concepts in a

real-world context. The institution's commitment to technological advancement is reflected in its well-maintained and updated computing facilities, ensuring that students have access to the latest software and resources. Additionally, our library is stocked with an extensive collection of academic literature, journals, and research materials, providing students with valuable resources for their studies.

Overall, the HNSB. Ltd. Science College is dedicated to providing a holistic learning environment, ensuring that students have the necessary infrastructure and resources to excel in their academic pursuits.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.youtube.com/watch?v=Lp35yssLS3A

4.1.2 - The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

The institution boasts a comprehensive array of facilities dedicated to fostering the holistic development of its students, with a particular emphasis on cultural, sports, and recreational activities. The campus is equipped with state-of-the-art infrastructure to support a diverse range of cultural pursuits. A dedicated cultural committee serves as a hub for artistic expression, hosting performances, exhibitions, and workshops that celebrate creativity and diversity.

In the realm of sports and physical well-being, the institution provides both indoor and outdoor facilities. Multiple sports fields cater to a variety of outdoor sports, encouraging students to engage in activities like football, cricket, and athletics. Additionally, there are well-maintained indoor spaces for sports like Chess, Carrom and table tennis. A fully-equipped gymnasium caters to fitness enthusiasts, promoting a healthy lifestyle among students. For those seeking mental and physical balance, a dedicated yoga center offers a serene space for yoga and meditation practices. These facilities collectively contribute to creating a vibrant campus environment that encourages students to explore and excel in various cultural and physical pursuits, promoting a well-rounded educational experience.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.youtube.com/watch?v=Lp35yssLS3A

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

05

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://hnsbscihmt.org/resources/class-room
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

7.79

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

Library is situated in the college with 107.88 sq.ms. It has 40 seating capacity. Library has established in conducive atmosphere with provision of necessary facilities like tables, chairs, and separate reading room with good ventilation for students. Every academic year, library committee is constituted to strengthen its activities. This committee allocates department wise budget for purchase of books, periodicals, magazines and also conducts annual stock verifications. The library also runs book bank scheme. Library provides e resources like INFLIBNET, N LIST, Shodh Ganga, Jain e-library,

NDL etc. , the library subscribes to the digital database from INFLIBNET (NLIST) under which the digitized versions of text books, reference books, educational bulletins, periodicals, magazines, journals and publications by various publication houses are available under one umbrella.. The library has ILMS Software SOUL 3.0, partially automated. The library working time is 10:30 a.m. to 5:30 p.m. The college library has special sections of books earmarked for NET, State public service examinations, Civil service examinations, Career and counseling books. Moreover, it has a wide repository of books, journals, CDs, encyclopedias, etc. for faculty and students use. Library has separate corner for research literatures like research journals, thesis, periodicals etc.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://hnsbscihmt.org/elibrary

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources A. Any 4 or more of the above

File Description	Documents
Upload any additional information	View File
Details of subscriptions like e-journals, e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

0.29

File Description	Documents
Any additional information	View File
Audited statements of accounts	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

49

File Description	Documents
Any additional information	View File
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

Internet subscription: Excel media leased line: BSNL broadband, GTPL, LAN, and Wired interconnectivity are available on the campus, membership with INFLIBNET, N-list to access e-resources. The student service center in the library has 02 computers with internet connectivity which are accessible to students on their requirements.

The college has one seminar room with an LCD projector. The college has a well-equipped partially automated library with computers for accessing digital materials through INFLIBNET and browsing the internet. Our Physics department has been running its website for the last five years. The physics department displays all notices, materials, mark sheets, YouTube videos for practical, mentoring students, e-modules, etc on the website and follows the

paperless work. The IQAC of the college has one computer with LAN and internet to facilitate NAAC work. Documentation and Communication Management System: The IQAC is equipped with a printer scanner cum photocopier. The office of the college is fully automated under LAN connectivity.

Fully automated Office Management System (OMS) with college ERP. The Digital Educational Learning Laboratory (DELL) established with the help of the state Government is facilitated with 29 computers. The college has developed an informative Dynamic Website, which includes online admission, examination, feedback etc.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://hnsbscihmt.org/

4.3.2 - Number of Computers

59

File Description	Documents
Upload any additional information	View File
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution B. 30 - 50MBPS

File Description	Documents
Upload any additional Information	View File
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)

7.79

File Description	Documents
Upload any additional information	View File
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

Maintenance and utilization of Laboratory: The college has seven labs for students of Physics, Chemistry, Botany, and Microbiology subjects. The lab equipment and facilities are strictly taken care of by the faculty. The management and college bear the maintenance expenses in the lab. The instruments in the laboratories are to be used under the supervision of the teachers. Facilities and requirements are regularly checked and maintained with the help of a technical person. Department wise stock register is maintained by the laboratory assistant and annual stock verification is done with the help of HOD.

Maintenance and utilization of Class Rooms: The Principal, the IQAC, and the faculties of the discipline committee oversee the maintenance of the classroom equipment. Senior students in the classes take care of preserving facilities in the college intact.

The college building is lent to external agencies and the Government for exams on request.

Maintenance and utilization of Computers: Though college has given responsibility to Friends computerlooks after the maintenance and updating of operative systems, antivirus, software, and hardware as well as technical problems of computer systems in the college. LAN and internet connectivity are regularly checked by the technician.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://hnsbscihmt.org/

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

277

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	View File
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

34

File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills

A. All of the above

File Description	Documents
Link to Institutional website	https://hnsbscihmt.org/udisa
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

499

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

499

File Description	Documents
Any additional information	View File
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

C. Any 2 of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	View File
Details of student grievances including sexual harassment and ragging cases	View File

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

20

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File
Details of student placement during the year (Data Template)	View File

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

138

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	View File
Details of student progression to higher education	View File

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year

19

File Description	Documents
Upload supporting data for the same	View File
Any additional information	View File
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one) during the year

5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.

01

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

Our college has different committees. We have selected student representatives from these committees. This committee is now known as the student council.

Students Council Support: 1) The systematic management of the day celebration is conducted by the students. 2) Remarkable support of students during the celebration of the Annual function. 3) Positive cooperation of students during campus interviews organized by UDISHA. 4) Various types of outreach programs for the neighboring community are conducted with the help of representatives of this council. 5) 6) College Cultural and Sports events are organized under the leadership of the student council. 7) Activities like NSS camp, Blood donation camp, Teacher Day, Star batch, and Swachhta Abhiyan, etc are successfully conducted with the help of the student council. Through this, we have ensured that the voice of the students reaches right up to the academic and administrative bodies of the College.

File Description	Documents
Paste link for additional information	https://hnsbscihmt.org/student-counselling-committee
Upload any additional information	View File

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

19

File Description	Documents
Report of the event	View File
Upload any additional information	View File
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions) (Data Template)	View File

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

The college has an active alumni association which is not registered. Our college has a tradition of registering the maximum outgoing students of the college. They are charged a nominal amount of 30 rupees as a membership fee. The alumni are invited to the annual meeting through personal contact or mobile contact. The time is fixed to ensure maximum participation of the members. A number of our alumni have proved their merit in the respective fields of their careers. Our alumni have several good jobs in the academic field like teachers, lecturers, principals, lab assistants, etc. Our alumni are doing a good job in the government sector like mamlatdar, deputy mamlatdar, deputy section officer, section officer, and also in the banking sector, etc. Mostly, our alumni work in chemical industries like pharmaceuticals, dyes industries, petrochemical industries, and pesticide industries, etc. Moreover in chemical industries, our alumni work as research scientists, managers in R and D, quality control charge, production in charge laboratory in charge, etc. Our alumni organize various programs like career guidance seminars, personality development seminars, communication skill development seminars, competitive exams seminars, etc.

File Description	Documents
Paste link for additional information	https://hnsbscihmt.org/association
Upload any additional information	View File

5.4.2 - Alumni contribution during the year E. <1Lakhs (INR in Lakhs)

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

The College run under the auspice's leadership of Himatnagar Kelavani Mandal since 1993 with a vision and mission of quality education, including human values, social, moral, and ethical values, and developing necessary skills for leadership. The College

is the youngest grant-in-aid college in HNGU, Patan. It is one of the best institutes in the Sabarkantha district through its quality management system. Governance and effective leadership: The college has a good system of participating governance which is achieved through forming the IQAC and other committees. The principal is the academic and administrative head of the college. He is assisted by the vice principal, HODs, account officers, and conveners of different committees. The Principal forms the committees under the convenorship of a teacher with members from teaching, on-teaching staff, and students for the overall management of admission,

Examinations, promotion of research, extension activities, development of infrastructure facilities, and implementation of healthy practices in the campus. Recurring requirements of the departments are identified by the HOD, which is presented to the

secretary of management by the principal, and approvals are obtained. So all stakeholders of the college are involved at various levels in assessing actual needs, academic, standards, quality of education, and policy-making decisions.

File Description	Documents
Paste link for additional information	https://hnsbscihmt.org/
Upload any additional information	View File

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

At the Principal Level:

The Management of the college has authorized the principal for all the academic and operational decisions based on policy to the academic monitoring to fulfill the vision and mission of the College.

At Faculty Level:

The faculty of the college is the members of various committees and authority is given to conduct different programs.

At Admission Level:

Our admission committee counsels prospective candidates on the admission process, fees,

availability of the courses, and other inquiries related to the college before an application form is received from them.

At the Financial Level:

Departmental grants of the college are discussed with the HODs of respective departments.

At the Infrastructure Level: The building committee of our college is assisting with the planning and execution of the extension of the college and planning for infrastructure.

At the student's Level:

Representatives of the student council are empowered to play an active role in activities.

Participative Management: The college always follows and promotes participative management. The important decisions and policy-making decisions are taken jointly by the Principal and HODs. For the smooth conduction of any events, the representatives of the student council are informed of the good management of the events with discipline.

File Description	Documents
Paste link for additional information	https://hnsbscihmt.org/about-decentralizations
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

After the visit of the NAAC peer team to the college on 16 March 2020, the college prepared the perspective / strategic plan by taking into account the following aspects. The college planned the following activities for the quality enhancement of the Institution during the year.

1. Internal academic audit of the departments 2. Procedure started for green and energy audit 3. Developed self-appraisal for

teaching and nonteaching staff 4. FDP and professional development programs for teaching and nonteaching staff 5. Streaming of data management according to NAAC 6. Improved student's centric methods in the teaching-learning process 7. Process started for submission of AQAR.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://hnsbscihmt.org/
Upload any additional information	View File

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

1. Organizational Structure at the Management Level: Our college strictly adheres to the norms of UGC, H.N.G.University, Patan, and Gujarat Government in appointing faculty members as well as administrative staff. The college runs under Himatnagar Kelavani Mandal.

Managing committee: The managing committee of the college works co-operatively with the principal to regulate and maintain a congenial and academic environment required for this purpose. The managing committee will have the power to act under the orders of the board of trustees by the approved budget.

1. Organizational Structure at the College Level: The administrative body of the college is well organized, friendly amicable, and cooperative. The administrative setup of the college is channelized through the Principal, Vice Principal, IQAC Coordinator, and HODs. For the qualitative administration, the college has formed various committees. All these committees have their responsibilities in their respective fields and cooperate for effective administration. **Service rules, Procedures, Recruitment, and Promotion Policies:** The service rules of the teaching and non-teaching staff

File Description	Documents
Paste link for additional information	https://hnsbscihmt.org/upload/hotlinks/1735205908622link.pdf
Link to Organogram of the institution webpage	https://hnsbscihmt.org/about-orgran-grams
Upload any additional information	View File

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning)Document	View File
Screen shots of user inter faces	View File
Any additional information	View File
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

The College gives the highest priority to the well-being of its staff as is seen in the number of welfare measures which are listed below.

Statutory Welfare Measures: All staff members are eligible for the Provident Fund scheme as per the statutory regulations.

Leave: The teaching staff members are entitled to vacation leave, casual and sick leave, duty leave, and study leave. The non-teaching staff members are entitled to casual and sick leave, and earned leave. The female staff members can avail of paid maternity leave as per the Maternity Benefit Act.

Non-statutory welfare measures: Priority is given to admission to the wards of staff members. Appropriate

financial support is given to the children of staff as per need. As well as financial support is also given to other needy students. Staff members who presented or published research papers are honored in the Annual Day celebration. Retiring staff members are also honored by the college and the management. The Registered Credit Society has given a loan to the staff members till as per their requirements. Financial assistance and leave are given to attend orientation programs, FDP, Seminars, Workshops, etc.

File Description	Documents
Paste link for additional information	https://hnsbscihmt.org/
Upload any additional information	View File

6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year

6.3.2.1 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year

05

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

07

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	View File
Reports of Academic Staff College or similar centers	View File
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

12

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	View File
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

To effectively measure the performance of teaching and non-teaching staff, as well as the overall institute, annual feedback is collected from students. This feedback analysis helps to identify the strengths and weaknesses of individuals, allowing for

appropriate actions to be taken. Teaching staff members are required to submit their academic profiles and self-appraisal reports at the end of each academic year. These reports are endorsed by the principal and submitted to HNGU, Patan. The principal actively encourages faculty members to enhance their performance. Similarly, self-appraisal reports are also collected from non-teaching staff, and these reports are self-analyzed by the faculty members, evaluated by the principal, and reviewed by the IQAC.

File Description	Documents
Paste link for additional information	https://hnsbscihmt.org/
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

The Internal Audit is carried out by the Principal and the office superintendent of the college periodically. Generally, the accounts are updated on a daily basis. The accountant and the principal jointly scrutinize the financial data on a regular base. The External Audit is done by a registered Chartered Accountant named K. S. SONI & CO. Chartered Accountants, "VRAI", Near Town Hall, Himatnagar-383001. In the case of grants sanctioned by the Gujarat Government, the audit is done by Government Auditor. No objections have been raised in the audit. If the funds are not utilized the auditor suggests corrections and we follow the suggestions given by him.

File Description	Documents
Paste link for additional information	https://hnsbscihmt.org/
Upload any additional information	View File

6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers during the year (not covered in Criterion III)

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

00

File Description	Documents
Annual statements of accounts	View File
Any additional information	View File
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

Our college is a grant-in-aid college, so funds are generated through UGC grants and state government grants. The following are the sources through which the college secures funds: UGC funds, State government scholarships, and funding from various Government heads like NSS, Placement, etc. University assistance for different activities. Fees are collected from self-finance courses and deposited in the college account. Financial assistance from management. PG fees, Library fees, ECO club grant. Various systems to look into the effective use of financial resources are The College Governing Body, Building Committee, Planning and Purchase Committee, and Library Committee.

The procedure of utilization of funds: UGC funds are deposited in separate bank accounts and utilized as per the heads. Student scholarship from the Government is directly transferred to beneficiary accounts. Financial assistance from management is used for the salaries of all ad hock employees of our college. The income from fees is spent on the maintenance of equipment of the laboratory, furniture, library maintenance, sports facilities, and updating of other facilities.

The library fees are used for library requirements. Proper accounts and utilization are ensured through a financial audit which is conducted by a chartered accountant, at the end of every financial year.

File Description	Documents
Paste link for additional information	https://hnsbscihmt.org/
Upload any additional information	View File

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

IQAC of the college contributes significantly and the following practices are institutionalized.

Practice 1: Feedback system: The feedback is collected from academic and industrial experts who visit the institution, employers who come for recruitment, alumni who come to share their experience in the industry, students, and other

stakeholders. Feedback is also collected from students, faculty, and parents. The feedback collection process was also provided online through the institutional website. The feedback received is scrutinized, data analyzed, and utilized for quality enhancement and improvement in various aspects such as curriculum enrichment, infrastructural facilities, and augmentation of research facilities.

Practice 2: Internal Academic Audit of Departments

The IQAC initiated the Academic Audit of Departments primarily to take account of teaching-learning and extension processes in all disciplines and to institutionalize documentation and record-keeping of all academic and extension matters of every department. The internal academic audit is conducted by the IQAC every year for the fulfillment of IQAC-driven practices toward quality assurance. The process requires a self-regulated assessment of teaching-learning processes and a systematic management of documents of extension activities.

File Description	Documents
Paste link for additional information	https://hnsbscihmt.org/iqac-objectives-initiatives
Upload any additional information	View File

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

The IQAC continuously reviews and takes steps to improve the quality of the teaching-learning process. The teaching-learning

processes are reviewed, and improvements are implemented, based on the IQAC recommendations. The major initiatives taken over the last five years include the following: 1. Creating a Learning-Centric Environment: IQAC has set up learner-centric environments to make teaching-learning interesting like Certificate courses, Field projects, Internships, Project work, Class seminars, Problem-solving, Quiz, and ICT to enable teaching-learning. 2. Academic review through periodical meetings: IQAC has arranged meetings with various stakeholders during the year. Totally 7 meetings were arranged with IQAC members, Faculties, Alumni, Parents, and Admin staff to discuss various activities for the teaching-learning process, designing the academic calendar, feedback, certificate courses, field projects, internships and training programs, placement drives as well as research activities, National-level webinars for the betterment of students and faculties.

File Description

File Description	Documents
Paste link for additional information	https://hnsbscihmt.org/
Upload any additional information	View File

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

C. Any 2 of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://hnsbscihmt.org/annual-report
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

The vision of HNSB College is to use the vehicle of higher education to mold men and women into realizing the dream of equality, liberty, and fraternity. Our efforts at inclusiveness are reflected in our Collegiate Women's Development Cell which includes male committee members and volunteers. The Women Cell regularly organizes programs/activities like Poster presentations on Gender equality, seminars on women's empowerment International Women's Day celebrations, etc. to empower women and sensitize the students/staff on gender issues. The college promotes good practices to prevent sexual harassment of women and girls students and a zero-tolerance campus is offered through prevention and policy for stern action in case of violation is put in place. Women's cells have organized programs relevant to gender equity and gender sensitivity. Several measures are initiated to prevent abuse, ragging, teasing, and harassment, and zero tolerance campus against oppression is provided through many steps, viz, CCTV cameras, valid ID cards, and grievance Redressal. Various facilities are provided by the college to women on campus Counseling, including Grievance Redressal, Career Counseling, Safety and Security, Privacy and Personal Space, etc

File Description	Documents
Annual gender sensitization action plan	https://hnsbscihmt.org/upload/hotlinks/173555350711a.pdf
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://hnsbscihmt.org/upload/hotlinks/173555443711b.pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment

C. Any 2 of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

Solid Waste Management: A separate dustbin is kept in all Flores for the collection of solid waste. Solid waste is collected and handed over by the sweeper. The disposal of plastic materials is not allowed on the college premises. In the chemistry laboratory, solid Waste materials are collected through various dustbins, and solid chemical waste is disposed of carefully at an appropriate site so that it does not have a chance of any danger to the environment. In the microbiology laboratory, solid waste segregation is followed by waste sterilization and if required irrigation.

Liquid Waste Management: The wastage of water from drinking water plants is connected to a botanical garden. In the Chemistry and Microbiology laboratory, the disposal of liquid waste is done carefully at the proper site. The wasted water from the washrooms is disposed of through an underground sewer.

e-Waste Management: The e-waste like spare parts of computers and electronics items are being stored properly at appropriate places and sold out to vendors. **Hazardous Chemicals and Radioactive Waste:** Teachers give guidance and keep proper monitoring when students work with chemicals, and gases to avoid reactions and hazards. Radioactive waste is not generated in college.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction

A. Any 4 or all of the above

**of tanks and bunds Waste water recycling
Maintenance of water bodies and distribution
system in the campus**

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

A. Any 4 or All of the above

- 1. Restricted entry of automobiles**
- 2. Use of bicycles/ Battery-powered vehicles**
- 3. Pedestrian-friendly pathways**
- 4. Ban on use of plastic**
- 5. Landscaping**

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities

B. Any 3 of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
Any other relevant information	View File

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms.

Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment

5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	View File
Any other relevant information	View File

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

The institution's belief in the equality of all cultural, regional, and linguistic is evident from the fact that students belonging to different castes, religions, and regions are studying without any discrimination. Though the institution has diverse socio-cultural backgrounds and different linguistics, we do not

have any intolerance towards cultural, regional, linguistic, communal socio economic, and other diversities. We greet and wish each other at different festivals and invite them to have a feast to get introduced to one's culture have amicable relations and maintain religious, social, and communal harmony. We have organized different kinds of activities like celebration of Raksha Bandhan, Diwali Celebration, Voter awareness program, Folk song competition, Seminar on importance of Mother language day, to maintain cultural and communal harmony on campus.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	View File

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

The HNSB. takes all possible steps in organizing various activities for molding the students and staff to become responsible citizens of the country by sensitizing them to the constitution of the country.

As responsible citizens of the country, the students are motivated to take part in various activities of the college. The college encourages the students to take part in various activities like Seminar on Human Dignity and Unity, Talk on Rights of Freedom of Religion & equality, Celebration of National Anthem day, Celebration of Independence day and Republic day, and Celebration of Voter awareness etc. to encourage students to fulfill their duty toward society

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://hnsbscihmt.org/upload/hotlinks/173555856719a.pdf
Any other relevant information	https://hnsbscihmt.org/

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, A. All of the above

administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website. There is a committee to monitor adherence to the Code of Conduct. Institution organizes professional ethics programmes for students, teachers, administrators and other staff. 4. Annual awareness programmes on Code of Conduct are organized.

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View File
Any other relevant information	View File

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

Our college organizes national festivals such as Independence Day, National Republic Day, Teacher's Day, etc. every year. The flag hoisting ceremony on Independence Day and Republic Day is held on a grand scale with the participation of the staff members and students of all the institutes on the campus. World AIDs day was celebrated and AIDs awareness was created among students. On the occasion of International Women's Day lecture on women's rights in India was arranged. Fund collection activity was conducted on Blind Day, and Armed Force Flag Day. Moreover, the 8th International Yoga Day, Teachers Day, NSS Day, National Youth Day, Gandhi Jyanti, Viswa Matrubhasha Day, Dr. Babasaheb Ambedkar Jyanti were celebrated on campus.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	View File

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Best Practice 1: Certificate Courses for B.Sc and M.Sc Students

Objectives:

1. Enhance students' specialized skills.
2. Increase employability with additional qualifications.
3. Bridge the gap between theory and practical application.
4. Foster industry-academia collaborations.

The Context: Our college offers certificate courses for B.Sc and M.Sc students in Chemistry, Botany, Microbiology, and Physics to enrich their knowledge and make them job-ready.

The Practice: Faculty design and deliver 7 short-term, intensive courses focusing on practical skills such as laboratory techniques and industry practices, complementing the regular curriculum to meet industry needs.

Evidence of Success: Student feedback indicates increased confidence and skill application in internships and research. Enhanced career opportunities in research, education, and industry were reported.

Problems Encountered: Challenges include coordinating schedules, ensuring participation, and balancing academic workloads with certificate courses.

Resources: The practice is supported by experienced faculty, well-equipped labs, and industry partnerships for real-world training.

Best Practice 2: Skill Development and Career Support Programs

Objectives:

1. Empower students with essential skills.
2. Facilitate career transitions.
3. Improve placement rates and exam success.

The Context: The college offers programs to strengthen UG and PG students' academic foundation and prepare them for competitive exams and the job market.

The Practice: Workshops, seminars, and training on career guidance, exams (GSET, NET, GATE), soft skills, resume building, and mock interviews.

Evidence of Success: Many students cleared prestigious exams like GSET and JAM, with 20 students securing placements in reputed companies.

Resources: The program is supported by expert trainers, alumni, and industry partnerships.

File Description	Documents
Best practices in the Institutional website	https://hnsbscihmt.org/best-practices
Any other relevant information	https://hnsbscihmt.org/upload/hotlinks/1735623019721link.pdf

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

Academic Excellence: Our institution is recognized as the leading choice in Sabarkantha district, renowned for delivering exceptional quality education in the field of Science.

Highly Qualified Faculty: The majority of our faculty members hold Ph.D. degrees and serve as guides at Hemchandraacharya North Gujarat University, ensuring our students benefit from top-tier academic mentorship.

Research Leadership: We actively promote a dynamic research environment with 11 faculty members serving as Ph.D. evaluators, contributing to advancements in the scientific community.

Outstanding Performance: Our students consistently achieve top ranks in university exams, outshining other science colleges, thereby underscoring our unwavering commitment to academic excellence.

Industry Integration: We maintain continuous collaboration with industries through various initiatives, ensuring our curriculum remains aligned with current market trends and real-world demands.

Faculty Development: Our faculty members engage in regular Faculty Development Programs (FDPs), workshops, and seminars, enhancing their pedagogical and research capabilities.

Global Alumni Network: Our alumni have established successful careers and further studies abroad, reflecting the global recognition of our academic programs.

Competitive Exam Success: Numerous students excel in national exams such as NET, GATE, and GSET, demonstrating the effectiveness of our rigorous academic preparation.

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

The college diligently adheres to the curriculum mandated by the Hemchandracharya North Gujarat University, Patan, through its Boards of Studies. Employing a transparent and strategic mechanism, the institution ensures effective curriculum delivery.

In alignment with the university's academic calendar, the college emphasizes practical exposure through industrial visits, tours, and internships. To foster teamwork, sharing, and Presentation and research skills, students engage in project work, problem-solving, and book reviews. Leveraging social platforms like YouTube and WhatsApp, the institution employs ICT-based materials available on the website for effective teaching. Furthermore, the college regularly conducts subject-related certificate courses, field projects, value-added courses, workshops, training sessions, expert seminars, and placement activities, contributing to a holistic educational experience

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://hnsbscihmt.org/bsc

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

The institution meticulously follows the academic calendar, encompassing the conduct of Continuous Internal Evaluation (CIE).

The academic year typically commences in June, with the college's academic activities strategically planned by a committee comprising the principal, IQAC, HODs, and senior faculty members.

This dedicated committee prepares comprehensive academic calendar outlining all activities to be pursued throughout the year.

The college demonstrates effective planning aligned with the university's academic calendar and formulates its academic calendar encompassing examination schedules, curricular, and co-curricular activities. This strategic approach enables both teachers and students to organize their teaching, learning, and regular assessment activities systematically. Various committees within the institution are specifically designed to adhere to examination schedules and organize competitions at both the college and university levels.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://hnsbscihmt.org/academic-calendar

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

A. All of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

05

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	View File
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Add on /Certificate programs offered during the year**1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)**

07

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

400

File Description	Documents
Any additional information	View File
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

The HNSB Ltd. Science College, Himatnagar, places a paramount emphasis on the integration of crosscutting issues within its

curriculum, recognizing the vital importance of Professional Ethics, Gender Equality, Human Values, and Environmental sustainability. These aspects are seamlessly woven into our academic fabric, making them an integral and inseparable part of the learning experience.

Our institution offers a spectrum of courses such as Value oriented education, Human Rights, Indian Constitution, Environmental Sciences, Entrepreneurship, and Leadership. These courses are meticulously designed to enrich students with a holistic understanding of societal values, ethics, and environmental consciousness.

In addition to academic initiatives, the college is committed to fostering a safe and inclusive environment. We have established a Women's Grievance Cell and a Grievance Redressal Cell to provide counseling and support to students. These cells actively promote gender equity among students and address safety and security concerns for female students, staff, and faculty. The college premises are fortified with CCTV surveillance and a robust security system, ensuring a secure learning and working environment for everyone.

File Description	Documents
Any additional information	View File
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

69

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	View File
Institutional Data in Prescribed Format	View File

1.3.3 - Number of students undertaking project work/field work/ internships

370

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

**1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders
Students Teachers Employers Alumni**

A. All of the above

File Description	Documents
URL for stakeholder feedback report	https://hnsbscihmt.org/feedback-actions
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	View File

1.4.2 - Feedback process of the Institution may be classified as follows	A. Feedback collected, analyzed and action taken and feedback available on website
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File Description	Documents
Upload any additional information	View File
URL for feedback report	https://hnsbscihmt.org/feedback-actions

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

227

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

343

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

The college employs a supervised learning rate approach to discern the academic progress of students, distinguishing between slow and advanced learners based on their performance

metrics. Slow and advanced learners are identified on the base of their results.

Advanced learners exhibit excellence in various facets such as classroom engagement, laboratory proficiency, fundamental knowledge, and cognitive abilities. To nurture their potential, faculty members encourage advanced learners to showcase their research in state, national, and international seminars, fostering a culture of Scholarly publication.

Conversely, for slow learners, the institute implements targeted interventions through individual mentors. These mentors offer comprehensive guidance and moral support, overseeing academic growth via remedial coaching, laboratory practical, and internal Examinations. Tailored assistance is provided, addressing the specific needs of slow learners. During theory and practical sessions, emphasis is placed on elucidating critical topics to enhance comprehension and performance. Additionally, the college conducts counseling sessions coupled with supplementary teaching to bolster the efforts invested, ultimately boosting performance in both internal assessments and university examinations. This holistic approach ensures a supportive learning environment catering to the diverse needs of students with varying learning paces.

File Description	Documents
Paste link for additional information	https://hnsbscihmt.org/advanced-programs-for-slow-learner
Upload any additional information	View File

2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
619	18

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Our educational framework is unequivocally centered on students, employing diverse strategies to enrich the learning experience. We prioritize three pivotal methodologies: Experiential learning, Participative learning, and Problem-solving.

Experiential Learning: Our educators establish an enriching learning milieu by integrating immersive, hands-on experiences. Practical sessions, demonstrations, industrial visits, additional courses, project work, internships, instrumentation training, and e-content usage are integral facets of our teaching methodology. This emphasis on experiential learning ensures a thorough grasp of concepts and their practical application.

Participative Learning: Acknowledging students as primary stakeholders, we employ participatory methods to actively engage them in the learning journey. Assignments, seminars, quiz sessions,

Competitions and research presentations foster active participation. In PG chemistry, specialized seminars empower students to present topics through PPTs, enhancing their participatory learning experiences and nurturing leadership qualities.

Problem Solving: Our unwavering commitment to problem-solving is manifested through diverse approaches. Students tackle project work addressing issues in health research, water, environment, and soil.

This cultivates innovative thinking and active problem-solving engagement. Our students are consistently prepared to explore novel pathways to overcome challenges.

In summary, our student-centric approach revolves around immersive experiences, active student participation, and the cultivation of problem-solving skills, ensuring a comprehensive and effective learning journey.

File Description	Documents
Upload any additional information	View File
Link for additional information	https://hnsbscihmt.org/advanced-programs-for-slow-learner

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

The college employs a range of ICT-enabled tools to enhance the efficacy of the teaching-learning process. These tools include projectors, lecture-capturing systems, desktops, laptops, online classes, seminars, quizzes, and Continuous Internal Evaluation (CIE) through platforms like Google Meet and Microsoft Teams. Faculty members utilize PowerPoint presentations (PPTs) for both theoretical and practical aspects, with materials uploaded as e-content on the institutional website. Additionally, many faculty members maintain their own YouTube channels. Classrooms are well-equipped with projectors, overhead projectors (OHP), and computers, with two classrooms featuring lecture recording facilities. Beyond traditional chalk-and-talk methods, instructors incorporate IT-enabled learning tools such as PPTs, video clippings, audio systems, and online resources to expose students to advanced knowledge and promote participative learning.

The mentoring process and feedback collection are seamlessly conducted online, contributing to efficient communication. In the M.Sc. program, the documentation for Continuous Internal Evaluation (CIE) is also managed online. This comprehensive integration of ICT tools underscores the institution's commitment to providing a technologically enriched and participatory educational experience for its students.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)**2.3.3.1 - Number of mentors**

18

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	View File
Circulars pertaining to assigning mentors to mentees	View File
Mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality**2.4.1 - Number of full time teachers against sanctioned posts during the year**

18

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	View File
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)**2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year**

13

File Description	Documents
Any additional information	View File
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

358

File Description	Documents
Any additional information	View File
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

Examinations play a pivotal role in assessing students' potential within our university. Our examination system for the Bachelor of Science program operates on a 30:70 evaluation scheme, where 30% of the overall result is derived from internal exams held once per semester. The remaining 70% is determined through university exams. This system ensures transparency and robustness in the evaluation process.

The Continuous Internal Evaluation comprises various components such as quizzes, assignments, attendance, seminars, book reviews, projects, and problem-solving assessments. Internal semester examinations are conducted by the institution, and the examination dates are outlined in the academic calendar shared with faculty and students at the beginning of each semester. Faculty members submit their examination papers in sealed covers directly to the examination convener for printing.

External practical examinations are conducted by respective

departments, with results submitted to the university. Examinations are conducted in a conducive and secure atmosphere. A dedicated examination committee, comprised of senior faculty members, serves as both senior supervisors and local squads to ensure the prevention of malpractices. Surveillance is maintained through CCTV cameras in all classrooms and lobbies, resulting in rare cases of malpractice during examinations.

File Description	Documents
Any additional information	View File
Link for additional information	https://hnsbscihmt.org/results

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time-bound and efficient

The college prioritizes addressing examination-related grievances and has established a systematic approach to handle such concerns.

At the college level, for grievances related to internal evaluation, students can approach the convener of the examination committee. The convener diligently addresses the issue and works towards a resolution. After the publication of marks on the notice board, students are given a stipulated ten-day period to raise any queries about the assessment in their respective subjects. To ensure transparency, a mechanism for rechecking/reassessment of answer sheets is in place upon student demand. The college invites applications for queries, allowing students to review their answer books and resolve concerns. The Head of the Department (HOD) oversees the reassessment process and submits the results, along with a report, to the Examination Committee. Any improvements in the results are promptly rectified.

At the university level, if a student remains dissatisfied with their results in the university exams, the process follows the established rules and regulations of the university to address and resolve their grievances. This comprehensive approach underscores the commitment to fairness and responsiveness in handling examination-related concerns at both the college and university

levels.

File Description	Documents
Any additional information	View File
Link for additional information	https://hnsbscihmt.org/results

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

Each undergraduate (UG) and postgraduate (PG) program has distinct objectives, yet the overarching goals are centered on imparting valuable education, enhancing employability, fostering a quality life, and nurturing responsible individuals for society. The outcomes of these programs are thoroughly analyzed by respective departments.

Communication of program information occurs through various channels. Program outcomes (POs), program-specific outcomes (PSOs), and course outcomes (COs) for UG and PG programs are prominently displayed on the institutional website and departmental notice boards. Orientation programs at the start of each academic year, led by faculty members, inform students about these outcomes.

Faculty members illuminate learning outcomes in the classroom during lectures, aligning them with specific topics or units. This proactive approach aims to convey to both faculty and students what knowledge and skills are expected to be imparted and acquired, respectively. The clear dissemination of COs and POs serves as a guide, ensuring faculty members understand the expectations for teaching, and students are aware of the intended learning outcomes by the conclusion of their courses. This comprehensive communication strategy contributes to a well-informed and goal-oriented academic environment.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://hnsbscihmt.org/bsc
Upload COs for all Programmes (exemplars from Glossary)	View File

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

The college employs a comprehensive mechanism to evaluate Course Outcomes (COs) and Program Outcomes (POs) through various parameters, including college and university results, placements, employability in diverse fields, student participation in competitive examinations, and the percentage progression of students in higher education.

Course Outcomes, which reflect the skills, knowledge, and application acquired by students, are assessed through university results, the percentage of students progressing to higher education, and their participation and success rates in competitive examinations.

Program Outcomes for both undergraduate (UG) and postgraduate (PG) programs are evaluated based on placements at the program's conclusion. Additionally, the ability of students to initiate new businesses or enhance the management of existing family businesses serves as a tangible measure of program success.

This multifaceted evaluation approach ensures a comprehensive understanding of the effectiveness of both individual courses and entire programs, aligning with the college's commitment to preparing students for successful careers, entrepreneurship, and continued academic pursuits.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://hnsbscihmt.org/bsc

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

225

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	https://hnsbscihmt.org/annual-report

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)

https://docs.google.com/forms/d/e/1FAIpQLSc2m_6vKZ9sAkrNRrBEkn5ByOjo1bpMs2vOODGO0lV_9GbwLg/viewform

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

00

File Description	Documents
Any additional information	View File
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

08

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year

00

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	View File
Supporting document from Funding Agency	View File
Paste link to funding agency website	https://hnsbscihmt.org/rdc/research-activities

3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

The institution has established a robust innovation ecosystem, featuring an Incubation Center and diverse initiatives aimed at cultivating and disseminating knowledge. The Incubation Cell plays a pivotal role in organizing workshops on research methodology,

intellectual property rights, and entrepreneurship, fostering knowledge creation and transfer among students.

Moreover, the institution boasts a dedicated Research and Development (R&D) cell, responsible for orchestrating and streamlining R&D endeavors, thereby nurturing comprehensive growth. This committee, guided by the R&D cell, recommends and secures financial support for faculty research publications, enabling the institute to support scholarly contributions. The

R&D cell orchestrates an array of activities on National Science Day. The postgraduate department is deeply involved in engaging students in research initiatives and various projects, instilling a strong research culture. Knowledge dissemination occurs through workshops on research methodologies, guest lectures, and active student involvement in seminars and poster presentations organized by the institution and external bodies.

Additionally, faculty members are actively encouraged to join professional organizations, further enhancing knowledge exchange and academic growth within and beyond the institution.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://hnsbscihmt.org/

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

07

File Description	Documents
Report of the event	View File
Any additional information	View File
List of workshops/seminars during last 5 years (Data Template)	View File

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

11

File Description	Documents
URL to the research page on HEI website	https://hnsbscihmt.org/rdc/research-activities
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	View File

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year

07

File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year

03

File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File

3.4 - Extension Activities

3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

The college organizes a number of extension activities to

promote the institute-neighborhood community near the slum area, blind community, and armed forces, and also near village Sundarghadh to sensitize the students towards community needs. The students of our college actively participate in social service activities leading to their overall development. The college runs effectively the National Service Scheme, Women's Cell, and Youth Committee. Through these units, the college undertakes various extension activities in the neighborhood community like Cybercrime public awareness drive, Tiranga Utsav, Run for Tiranga, Organ donation awareness program, Voters awareness drive, Geeta Jayanti celebration, Armed force day fund collection, Thalassemia test, etc. for the betterment of our community. The NSS (National Service Scheme) conducts an annual camp in the neighboring village of Sundarghadh or 7 days, which helps them to mingle with the village and rural people to understand their lifestyles and needs better. All these mentioned activities have a positive impact on the students and they developed student community relationships, leadership skills, and self-confidence of students. It also helped in cultivating the hidden personalities of students and created awareness among students.

File Description	Documents
Paste link for additional information	https://hnsbscihmt.org/
Upload any additional information	View File

3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year

00

File Description	Documents
Any additional information	View File
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	View File

3.4.3 - Number of extension and outreach programs conducted by the institution through

NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.4.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

09

File Description	Documents
Reports of the event organized	View File
Any additional information	View File
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

471

File Description	Documents
Report of the event	View File
Any additional information	View File
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

25

File Description	Documents
e-copies of related Document	View File
Any additional information	View File
Details of Collaborative activities with institutions/industries for research, Faculty	View File

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year

10

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	View File
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

The HNSB. Ltd. Science College, Himatnagar, takes pride in providing a conducive environment for effective teaching and learning through its robust infrastructure and state-of-the-art facilities. Our institution boasts well-equipped classrooms that foster an interactive and engaging atmosphere for students. These classrooms are designed to accommodate modern teaching methodologies, ensuring a seamless learning experience. Laboratories at our institution are fully equipped with the latest apparatus and tools, facilitating hands-on learning experiences for students across various disciplines. The emphasis on practical learning is further supported by cutting-edge computing equipment, enabling students to explore

and apply theoretical concepts in a real-world context. The institution's commitment to technological advancement is reflected in its well-maintained and updated computing facilities, ensuring that students have access to the latest software and resources. Additionally, our library is stocked with an extensive collection of academic literature, journals, and research materials, providing students with valuable resources for their studies.

Overall, the HNSB. Ltd. Science College is dedicated to providing a holistic learning environment, ensuring that students have the necessary infrastructure and resources to excel in their academic pursuits.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.youtube.com/watch?v=Lp35ysslS3A

4.1.2 - The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

The institution boasts a comprehensive array of facilities dedicated to fostering the holistic development of its students, with a particular emphasis on cultural, sports, and recreational activities. The campus is equipped with state-of-the-art infrastructure to support a diverse range of cultural pursuits. A dedicated cultural committee serves as a hub for artistic expression, hosting performances, exhibitions, and workshops that celebrate creativity and diversity.

In the realm of sports and physical well-being, the institution provides both indoor and outdoor facilities. Multiple sports fields cater to a variety of outdoor sports, encouraging students to engage in activities like football, cricket, and athletics. Additionally, there are well-maintained indoor spaces for sports like Chess, Carrom and table tennis. A fully-equipped gymnasium caters to fitness enthusiasts, promoting a healthy lifestyle among students. For those seeking mental and physical balance, a dedicated yoga center offers a serene space for yoga and meditation practices. These facilities collectively contribute to creating a vibrant campus environment that encourages students to explore and excel in

various cultural and physical pursuits, promoting a well-rounded educational experience.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.youtube.com/watch?v=Lp35yssLS3A

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

05

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://hnsbscihmt.org/resources/classroom
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

7.79

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

Library is situated in the college with 107.88 sq.ms. It has 40 seating capacity. Library has established in conducive atmosphere with provision of necessary facilities like tables, chairs, and separate reading room with good ventilation for students. Every academic year, library committee is constituted to strengthen its activities. This committee allocates department wise budget for purchase of books, periodicals, magazines and also conducts annual stock verifications. The library also runs book bank scheme. Library provides e resources like INFLIBNET, N LIST, Shodh Ganga, Jain e-library,

NDL etc. , the library subscribes to the digital database from INFLIBNET (NLIST) under which the digitized versions of text books, reference books, educational bulletins, periodicals, magazines, journals and publications by various publication houses are available under one umbrella.. The library has ILMS Software SOUL 3.0, partially automated. The library working time is 10:30 a.m. to 5:30 p.m. The college library has special sections of books enmarked for NET, State public service examinations, Civil service examinations, Career and counseling books. Moreover, it has a wide repository of books, journals,CDs,encyclopedias, etc. for faculty and students use. Library has separate corner for research literatures like research journals, thesis, periodicals etc.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://hnsbsciht.org/elibrary

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources

A. Any 4 or more of the above

File Description	Documents
Upload any additional information	View File
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

0.29

File Description	Documents
Any additional information	View File
Audited statements of accounts	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

49

File Description	Documents
Any additional information	View File
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

Internet subscription: Excel media leased line: BSNL broadband, GTPL, LAN, and Wired interconnectivity are available on the campus, membership with INFLIBNET, N-list to access e-resources. The student service center in the library has 02 computers with internet connectivity which are accessible to

students on their requirements.

The college has one seminar room with an LCD projector. The college has a well-equipped partially automated library with computers for accessing digital materials through INFLIBNET and browsing the internet. Our Physics department has been running its website for the last five years. The physics department displays all notices, materials, mark sheets, YouTube videos for practical, mentoring students, e-modules, etc on the website and follows the paperless work. The IQAC of the college has one computer with LAN and internet to facilitate NAAC work. Documentation and Communication Management System: The IQAC is equipped with a printer scanner cum photocopier. The office of the college is fully automated under LAN connectivity.

Fully automated Office Management System (OMS) with college ERP. The Digital Educational Learning Laboratory (DELL) established with the help of the state Government is facilitated with 29 computers. The college has developed an informative Dynamic Website, which includes online admission, examination, feedback etc.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://hnsbscihmt.org/

4.3.2 - Number of Computers

59

File Description	Documents
Upload any additional information	View File
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution

B. 30 - 50MBPS

File Description	Documents
Upload any additional Information	View File
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)

7.79

File Description	Documents
Upload any additional information	View File
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

Maintenance and utilization of Laboratory: The college has seven labs for students of Physics, Chemistry, Botany, and Microbiology subjects. The lab equipment and facilities are strictly taken care of by the faculty. The management and college bear the maintenance expenses in the lab. The instruments in the laboratories are to be used under the supervision of the teachers. Facilities and requirements are regularly checked and maintained with the help of a technical person. Department wise stock register is maintained by the laboratory assistant and annual stock verification is done with the help of HOD.

Maintenance and utilization of Class Rooms: The Principal, the IQAC, and the faculties of the discipline committee oversee the maintenance of the classroom equipment. Senior students in the

classes take care of preserving facilities in the college intact.

The college building is lent to external agencies and the Government for exams on request.

Maintenance and utilization of Computers: Though college has given responsibility to Friends computerlooks after the maintenance and updating of operative systems, antivirus, software, and hardware as well as technical problems of computer systems in the college. LAN and internet connectivity are regularly checked by the technician.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://hnsbscihmt.org/

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

277

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	View File
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

34

File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills

A. All of the above

File Description	Documents
Link to Institutional website	https://hnsbscihmt.org/udisa
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

499

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

499

File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

C. Any 2 of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	View File
Details of student grievances including sexual harassment and ragging cases	View File

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

20

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File
Details of student placement during the year (Data Template)	View File

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

138

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	View File
Details of student progression to higher education	View File

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year

19

File Description	Documents
Upload supporting data for the same	View File
Any additional information	View File
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one) during the year

5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.

01

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

Our college has different committees. We have selected student representatives from these committees. This committee is now known as the student council.

Students Council Support: 1) The systematic management of the day celebration is conducted by the students. 2) Remarkable support of students during the celebration of the Annual function. 3) Positive cooperation of students during campus interviews organized by UDISHA. 4) Various types of outreach programs for the neighboring community are conducted with the help of representatives of this council. 5) 6) College Cultural and Sports events are organized under the leadership of the student council. 7) Activities like NSS camp, Blood donation camp, Teacher Day, Star batch, and Swachhta Abhiyan, etc are successfully conducted with the help of the student council. Through this, we have ensured that the voice of the students reaches right up to the academic and administrative bodies of the College.

File Description	Documents
Paste link for additional information	https://hnsbscihmt.org/student-counselling-committee
Upload any additional information	View File

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

19

File Description	Documents
Report of the event	View File
Upload any additional information	View File
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions) (Data Template)	View File

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

The college has an active alumni association which is not registered. Our college has a tradition of registering the maximum outgoing students of the college. They are charged a nominal amount of 30 rupees as a membership fee. The alumni are invited to the annual meeting through personal contact or mobile contact. The time is fixed to ensure maximum participation of the members. A number of our alumni have proved their merit in the respective fields of their careers. Our alumni have several good jobs in the academic field like teachers, lecturers, principals, lab assistants, etc. Our alumni are doing a good job in the government sector like mamlatdar, deputy mamlatdar, deputy section officer, section officer, and also in the banking sector, etc. Mostly, our

alumni work in chemical industries like pharmaceuticals, dyes industries, petrochemical industries, and pesticide industries, etc. Moreover in chemical industries, our alumni work as research scientists, managers in R and D, quality control charge, production in charge laboratory in charge, etc. Our alumni organize various programs like career guidance seminars, personality development seminars, communication skill development seminars, competitive exams seminars, etc.

File Description	Documents
Paste link for additional information	https://hnsbscihmt.org/association
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs) E. <1Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

The College run under the auspice's leadership of Himatnagar Kelavani Mandal since 1993 with a vision and mission of quality education, including human values, social, moral, and ethical values, and developing necessary skills for leadership. The College is the youngest grant-in-aid college in HNGU, Patan. It is one of the best institutes in the Sabarkantha district through its quality management system. Governance and effective leadership: The college has a good system of participating governance which is achieved through forming the IQAC and other committees. The principal is the academic and administrative head of the college. He is assisted by the vice principal, HODs, account officers, and conveners of different committees. The Principal forms the committees under the convenorship of a teacher with members from teaching, on-teaching staff, and students for the overall management of admission,

Examinations, promotion of research, extension activities,

development of infrastructure facilities, and implementation of healthy practices in the campus. Recurring requirements of the departments are identified by the HOD, which is presented to the

secretary of management by the principal, and approvals are obtained. So all stakeholders of the college are involved at various levels in assessing actual needs, academic, standards, quality of education, and policy-making decisions.

File Description	Documents
Paste link for additional information	https://hnsbscihmt.org/
Upload any additional information	View File

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

At the Principal Level:

The Management of the college has authorized the principal for all the academic and operational decisions based on policy to the academic monitoring to fulfill the vision and mission of the College.

At Faculty Level:

The faculty of the college is the members of various committees and authority is given to conduct different programs.

At Admission Level:

Our admission committee counsels prospective candidates on the admission process, fees, availability of the courses, and other inquiries related to the college before an application form is received from them.

At the Financial Level:

Departmental grants of the college are discussed with the HODs of respective departments.

At the Infrastructure Level: The building committee of our

college is assisting with the planning and execution of the extension of the college and planning for infrastructure.

At the student's Level:

Representatives of the student council are empowered to play an active role in activities.

Participative Management: The college always follows and promotes participative management. The important decisions and policy-making decisions are taken jointly by the Principal and HODs. For the smooth conduction of any events, the representatives of the student council are informed of the good management of the events with discipline.

File Description	Documents
Paste link for additional information	https://hnsbscihmt.org/about-decentralizations
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

After the visit of the NAAC peer team to the college on 16 March 2020, the college prepared the perspective / strategic plan by taking into account the following aspects. The college planned the following activities for the quality enhancement of the Institution during the year.

1. Internal academic audit of the departments 2. Procedure started for green and energy audit 3. Developed self-appraisal for teaching and nonteaching staff 4. FDP and professional development programs for teaching and nonteaching staff 5. Streaming of data management according to NAAC 6. Improved student's centric methods in the teaching-learning process 7. Process started for submission of AQAR.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://hnsbscihmt.org/
Upload any additional information	View File

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

1. Organizational Structure at the Management Level: Our college strictly adheres to the norms of UGC, H.N.G.University, Patan, and Gujarat Government in appointing faculty members as well as administrative staff. The college runs under Himatnagar Kelavani Mandal.

Managing committee: The managing committee of the college works co-operatively with the principal to regulate and maintain a congenial and academic environment required for this purpose. The managing committee will have the power to act under the orders of the board of trustees by the approved budget.

1. Organizational Structure at the College Level: The administrative body of the college is well organized, friendly amicable, and cooperative. The administrative setup of the college is channelized through the Principal, Vice Principal, IQAC Coordinator, and HODs. For the qualitative administration, the college has formed various committees. All these committees have their responsibilities in their respective fields and cooperate for effective administration. **Service rules, Procedures, Recruitment, and Promotion Policies:** The service rules of the teaching and non-teaching staff

File Description	Documents
Paste link for additional information	https://hnsbscihmt.org/upload/hotlinks/1735205908622link.pdf
Link to Organogram of the institution webpage	https://hnsbscihmt.org/about-orgran-grams
Upload any additional information	View File

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination	A. All of the above
File Description	Documents
ERP (Enterprise Resource Planning)Document	View File
Screen shots of user inter faces	View File
Any additional information	View File
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File
6.3 - Faculty Empowerment Strategies	
6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff	
<p>The College gives the highest priority to the well-being of its staff as is seen in the number of welfare measures which are listed below.</p> <p>Statutory Welfare Measures: All staff members are eligible for the Provident Fund scheme as per the statutory regulations.</p> <p>Leave: The teaching staff members are entitled to vacation leave, casual and sick leave, duty leave, and study leave. The non-teaching staff members are entitled to casual and sick leave, and earned leave. The female staff members can avail of paid maternity leave as per the Maternity Benefit Act.</p> <p>Non-statutory welfare measures: Priority is given to admission to the wards of staff members. Appropriate financial support is given to the children of staff as per need. As well as financial support is also given to other needy students. Staff members who presented or published research papers are honored in the Annual Day celebration. Retiring staff members are also honored by the college and the management. The Registered Credit Society has given a loan to the staff members till as per their requirements. Financial assistance and leave are given to attend orientation programs, FDP, Seminars, Workshops, etc.</p>	

File Description	Documents
Paste link for additional information	https://hnsbscihmt.org/
Upload any additional information	View File

6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year

6.3.2.1 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year

05

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

07

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	View File
Reports of Academic Staff College or similar centers	View File
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

12

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	View File
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

To effectively measure the performance of teaching and non-teaching staff, as well as the overall institute, annual feedback is collected from students. This feedback analysis

helps to identify the strengths and weaknesses of individuals, allowing for appropriate actions to be taken. Teaching staff members are required to submit their academic profiles and self-appraisal reports at the end of each academic year. These reports are endorsed by the principal and submitted to HNGU, Patan. The principal actively encourages faculty members to enhance their performance. Similarly, self-appraisal reports are also collected from non-teaching staff, and these reports are self-analyzed by the faculty members, evaluated by the principal, and reviewed by the IQAC.

File Description	Documents
Paste link for additional information	https://hnsbscihmt.org/
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

The Internal Audit is carried out by the Principal and the office superintendent of the college periodically. Generally, the accounts are updated on a daily basis. The accountant and the principal jointly scrutinize the financial data on a regular base. The External Audit is done by a registered Chartered Accountant named K. S. SONI & CO. Chartered Accountants, "VRAI", Near Town Hall, Himatnagar-383001. In the case of grants sanctioned by the Gujarat Government, the audit is done by Government Auditor. No objections have been raised in the audit. If the funds are not utilized the auditor suggests corrections and we follow the suggestions given by him.

File Description	Documents
Paste link for additional information	https://hnsbscihmt.org/
Upload any additional information	View File

6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers during the year (not covered in Criterion III)

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

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File Description	Documents
Annual statements of accounts	View File
Any additional information	View File
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

Our college is a grant-in-aid college, so funds are generated through UGC grants and state government grants. The following are the sources through which the college secures funds: UGC funds, State government scholarships, and funding from various Government heads like NSS, Placement, etc. University assistance for different activities. Fees are collected from self-finance courses and deposited in the college account. Financial assistance from management. PG fees, Library fees, ECO club grant. Various systems to look into the effective use of financial resources are The College Governing Body, Building Committee, Planning and Purchase Committee, and Library Committee.

The procedure of utilization of funds: UGC funds are deposited in separate bank accounts and utilized as per the heads. Student scholarship from the Government is directly transferred to beneficiary accounts. Financial assistance from management is used for the salaries of all ad hock employees of our college. The income from fees is spent on the maintenance of equipment of the laboratory, furniture, library maintenance, sports facilities, and updating of other facilities.

The library fees are used for library requirements. Proper accounts and utilization are ensured through a financial audit which is conducted by a chartered accountant, at the end of every financial year.

File Description	Documents
Paste link for additional information	https://hnsbscihmt.org/
Upload any additional information	View File

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

IQAC of the college contributes significantly and the following practices are institutionalized.

Practice 1: Feedback system: The feedback is collected from academic and industrial experts who visit the institution, employers who come for recruitment, alumni who come to share their experience in the industry, students, and other

stakeholders. Feedback is also collected from students, faculty, and parents. The feedback collection process was also provided online through the institutional website. The feedback received is scrutinized, data analyzed, and utilized for quality enhancement and improvement in various aspects such as curriculum enrichment, infrastructural facilities, and augmentation of research facilities.

Practice 2: Internal Academic Audit of Departments

The IQAC initiated the Academic Audit of Departments primarily to take account of teaching-learning and extension processes in all disciplines and to institutionalize documentation and record-keeping of all academic and extension matters of every department. The internal academic audit is conducted by the IQAC every year for the fulfillment of IQAC-driven practices toward quality assurance. The process requires a self-regulated assessment of teaching-learning processes and a systematic management of documents of extension activities.

File Description	Documents
Paste link for additional information	https://hnsbscihmt.org/igac-objectives-initiatives
Upload any additional information	View File

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

The IQAC continuously reviews and takes steps to improve the quality of the teaching-learning process. The teaching-learning processes are reviewed, and improvements are implemented, based on the IQAC recommendations. The major initiatives taken over the last five years include the following: 1. Creating a Learning-Centric Environment: IQAC has set up learner-centric environments to make teaching learning interesting like Certificate courses, Field projects, Internships, Project work, Class seminars, Problem-solving, Quiz, and ICT to enable teaching learning 2. Academic review through periodical meetings: IQAC has arranged meetings with various stakeholders during the year. Totally 7 meetings were arranged with IQAC members, Faculties, Alumni, Parents, and Admin staff to discuss various activities for the teaching-learning process, designing the academic calendar, feedback, certificate courses, field projects, internships and training programs, placement drives as well as research activities, National-level webinars for the betterment of students and faculties.

File Description	Documents
Paste link for additional information	https://hnsbscihmt.org/
Upload any additional information	View File

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or

C. Any 2 of the above

international agencies (ISO Certification, NBA)

File Description	Documents
Paste web link of Annual reports of Institution	https://hnsbscihmt.org/annual-report
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES**7.1 - Institutional Values and Social Responsibilities****7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year**

The vision of HNSB College is to use the vehicle of higher education to mold men and women into realizing the dream of equality, liberty, and fraternity. Our efforts at inclusiveness are reflected in our Collegiate Women's Development Cell which includes male committee members and volunteers. The Women Cell regularly organizes programs/activities like Poster presentations on Gender equality, seminars on women's empowerment International Women's Day celebrations, etc. to empower women and sensitize the students/staff on gender issues. The college promotes good practices to prevent sexual harassment of women and girls students and a zero-tolerance campus is offered through prevention and policy for stern action in case of violation is put in place. Women's cells have organized programs relevant to gender equity and gender sensitivity. Several measures are initiated to prevent abuse, ragging, teasing, and harassment, and zero tolerance campus against oppression is provided through many steps, viz, CCTV cameras, valid ID cards, and grievance Redressal. Various facilities are provided by the college to women on campus Counseling, including Grievance Redressal, Career Counseling, Safety and Security, Privacy and Personal Space, etc

File Description	Documents
Annual gender sensitization action plan	https://hnsbscihmt.org/upload/hotlinks/1735555350711a.pdf
Specific facilities provided for women in terms of:a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://hnsbscihmt.org/upload/hotlinks/1735555443711b.pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment	C. Any 2 of the above
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File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

Solid Waste Management: A separate dustbin is kept in all Flores for the collection of solid waste. Solid waste is collected and handed over by the sweeper. The disposal of plastic materials is not allowed on the college premises. In the chemistry laboratory, solid Waste materials are collected through various dustbins, and solid chemical waste is disposed of carefully at an appropriate site so that it does not have a chance of any danger to the environment. In the microbiology laboratory, solid waste segregation is followed by waste sterilization and if required irrigation.

Liquid Waste Management: The wastage of water from drinking water plants is connected to a botanical garden. In the Chemistry and Microbiology laboratory, the disposal of liquid waste is done carefully at the proper site. The wasted water from the washrooms is disposed of through an underground

sewer.

e-Waste Management: The e-waste like spare parts of computers and electronics items are being stored properly at appropriate places and sold out to vendors. **Hazardous Chemicals and Radioactive Waste:** Teachers give guidance and keep proper monitoring when students work with chemicals, and gases to avoid reactions and hazards. Radioactive waste is not generated in college.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

- 1. Restricted entry of automobiles**
- 2. Use of bicycles/ Battery-powered vehicles**
- 3. Pedestrian-friendly pathways**
- 4. Ban on use of plastic**
- 5. Landscaping**

A. Any 4 or All of the above

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities

B. Any 3 of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
Any other relevant information	View File

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	View File
Any other relevant information	View File

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

The institution's belief in the equality of all cultural, regional, and linguistic is evident from the fact that students belonging to different castes, religions, and regions are studying without any discrimination. Though the institution has diverse socio-cultural backgrounds and different linguistics, we do not have any intolerance towards cultural, regional, linguistic, communal socio economic, and other diversities. We greet and wish each other at different festivals and invite them to have a feast to get introduced to one's culture have amicable relations and maintain religious, social, and communal harmony. We have organized different kinds of activities like celebration of Raksha Bandhan, Diwali Celebration, Voter awareness program, Folk song competition, Seminar on importance of Mother language day, to maintain cultural and communal harmony on campus.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	View File

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

The HNSB. takes all possible steps in organizing various activities for molding the students and staff to become

responsible citizens of the country by sensitizing them to the constitution of the country.

As responsible citizens of the country, the students are motivated to take part in various activities of the college. The college encourages the students to take part in various activities like Seminar on Human Dignity and Unity, Talk on Rights of Freedom of Religion & equality, Celebration of National Anthem day, Celebration of Independence day and Republic day, and Celebration of Voter awareness etc. to encourage students to fulfill their duty toward society

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://hnsbscihmt.org/upload/hotlinks/1735555856719a.pdf
Any other relevant information	https://hnsbscihmt.org/

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff

4. Annual awareness programmes on Code of Conduct are organized

A. All of the above

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View File
Any other relevant information	View File

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

Our college organizes national festivals such as Independence Day, National Republic Day, Teacher's Day, etc. every year. The flag hoisting ceremony on Independence Day and Republic Day is held on a grand scale with the participation of the staff members and students of all the institutes on the campus. World AIDS day was celebrated and AIDS awareness was created among students. On the occasion of International Women's Day lecture on women's rights in India was arranged. Fund collection activity was conducted on Blind Day, and Armed Force Flag Day. Moreover, the 8th International Yoga Day, Teachers Day, NSS Day, National Youth Day, Gandhi Jyanti, Viswa Matrubhasha Day, Dr. Babasaheb Ambedkar Jyanti were celebrated on campus

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	View File

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Best Practice 1: Certificate Courses for B.Sc and M.Sc Students

Objectives:

1. Enhance students' specialized skills.
2. Increase employability with additional qualifications.
3. Bridge the gap between theory and practical application.
4. Foster industry-academia collaborations.

The Context: Our college offers certificate courses for B.Sc and M.Sc students in Chemistry, Botany, Microbiology, and Physics to enrich their knowledge and make them job-ready.

The Practice: Faculty design and deliver 7 short-term, intensive courses focusing on practical skills such as

laboratory techniques and industry practices, complementing the regular curriculum to meet industry needs.

Evidence of Success: Student feedback indicates increased confidence and skill application in internships and research. Enhanced career opportunities in research, education, and industry were reported.

Problems Encountered: Challenges include coordinating schedules, ensuring participation, and balancing academic workloads with certificate courses.

Resources: The practice is supported by experienced faculty, well-equipped labs, and industry partnerships for real-world training.

Best Practice 2: Skill Development and Career Support Programs

Objectives:

1. Empower students with essential skills.
2. Facilitate career transitions.
3. Improve placement rates and exam success.

The Context: The college offers programs to strengthen UG and PG students' academic foundation and prepare them for competitive exams and the job market.

The Practice: Workshops, seminars, and training on career guidance, exams (GSET, NET, GATE), soft skills, resume building, and mock interviews.

Evidence of Success: Many students cleared prestigious exams like GSET and JAM, with 20 students securing placements in reputed companies.

Resources: The program is supported by expert trainers, alumni, and industry partnerships.

File Description	Documents
Best practices in the Institutional website	https://hnsbscihmt.org/best-practices
Any other relevant information	https://hnsbscihmt.org/upload/hotlinks/1735623019721link.pdf

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

Academic Excellence: Our institution is recognized as the leading choice in Sabarkantha district, renowned for delivering exceptional quality education in the field of Science.

Highly Qualified Faculty: The majority of our faculty members hold Ph.D. degrees and serve as guides at Hemchandraacharya North Gujarat University, ensuring our students benefit from top-tier academic mentorship.

Research Leadership: We actively promote a dynamic research environment with 11 faculty members serving as Ph.D. evaluators, contributing to advancements in the scientific community.

Outstanding Performance: Our students consistently achieve top ranks in university exams, outshining other science colleges, thereby underscoring our unwavering commitment to academic excellence.

Industry Integration: We maintain continuous collaboration with industries through various initiatives, ensuring our curriculum remains aligned with current market trends and real-world demands.

Faculty Development: Our faculty members engage in regular Faculty Development Programs (FDPs), workshops, and seminars, enhancing their pedagogical and research capabilities.

Global Alumni Network: Our alumni have established successful careers and further studies abroad, reflecting the global recognition of our academic programs.

Competitive Exam Success: Numerous students excel in national exams such as NET, GATE, and GSET, demonstrating the effectiveness of our rigorous academic preparation.

File Description	Documents
Appropriate web in the Institutional website	View File
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

Plan of Action for the Next Academic Year:

Foundation Building

1. **Achieve GSIRF and NIRF Accreditation:** Focus on meeting the necessary criteria for accreditation by enhancing academic standards, faculty qualifications, infrastructure, and research output. Target completion of both accreditations by the end of the academic year.

2. **Strengthen Industry-Academia Partnerships:** Establish formal collaborations with leading industry partners, creating internship programs, joint research initiatives, and expert guest lectures to bridge the gap between academia and industry.

3. **Expand Community Outreach:** Launch community service programs targeting local educational needs, environmental sustainability, and public health. Partner with local NGOs and government bodies for impactful projects.

4. **Promote Entrepreneurial Development:** Introduce specialized workshops and incubation programs focusing on entrepreneurship, aimed at nurturing innovation and providing students with practical tools to launch their own ventures.

5. **Enhance Research Capabilities:** Organize faculty workshops on research methodologies, and provide seed grants for research projects. Create a faculty development plan to encourage publications in peer-reviewed journals and books.