



YEARLY STATUS REPORT - 2021-2022

Part A

Data of the Institution

1.Name of the Institution		THE HNSB.LTD.SCIENCE COLLEGE
• Name of the Head of the institution	DR. J. S. PATEL	
• Designation	Incharge 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	Hemchandracharya North Gujarat University, Patan				
• Name of the IQAC Coordinator	Dr. M.M.Prajapati				
• Phone No.	02772228925				
• Alternate phone No.	9099090977				
• Mobile	9099090977				
• 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)	www.hnsbscihmt.org				
4.Whether Academic Calendar prepared during the year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	http://www.hnsbscihmt.org/academic-calendar				
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	NSS	HNGU	2021-22	36382	
8.Whether composition of IQAC as per latest NAAC guidelines			Yes		
• Upload latest notification of formation of			View File		

IQAC		
9.No. of IQAC meetings held during the year	08	
<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)		
Self-appraisal system for teaching and nonteaching staff was implemented by the IQAC		
Feedback forms from students, teachers, alumni, parents and employers were collected, analyzed and action taken was done by the IQAC		
Successfully submission of AQAR 2020-21 to the NAAC		
Regular IQAC meetings were arranged with faculties, administrative staff, alumni and parents		
Internal academic audit of various departments was done by 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	Various certificate courses are completed by the departments under the guidance of IQAC	

Field Projects	Field projects on different topics are completed by the departments under the guidance of the IQAC
Faculty development programs and administrative development programs	Faculty development programs like Seminar on Professional skills and Webinar on ICT and innovative practices in HEIs are arranged by the IQAC. Administrative development programs like soft skills development and seminar on professional skills are 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
Internal academic audit	An internal academic audit of the different departments was designed by the IQAC and successfully done.
Energy and Environmental audit	The energy and Environment audit was completed by the Physics, Botany, and Microbiology department respectively under the guidance of the IQAC.
Feedback system	Feedback from different stakeholders was taken. It was analyzed and suitable actions was taken by the principal and IQAC.
IQAC meetings	08 IQAC meetings with different stakeholders were completed by the IQAC
13. Whether the AQAR was placed before statutory body?	Yes
<ul style="list-style-type: none"> Name of the statutory body 	

Name	Date of meeting(s)
Himatnagar Kelavani Mandal	28/11/2022

14. Whether institutional data submitted to AISHE

Year	Date of Submission
2021	14/02/2022

15. Multidisciplinary / interdisciplinary

Students of the college are equipped with multidisciplinary subjects like Chemistry, Botany, Physics, Microbiology, Mathematics, Computational Chemistry, Green Chemistry, Pharmaceutical Chemistry, Indian constitution, value education etc

16. Academic bank of credits (ABC):

It is a student-centered instruction model that focuses on measuring students' performances through the course and program outcomes.

17. Skill development:

For skill development, various types of activities are done by the college like seminars and Workshops on soft skills and Communication skills development. Workshop on ICT tools awareness, Workshop on ICT and Computing skills development are also completed.

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

The majority of the courses in the B.Sc and M.Sc. programs are in Indian languages like Gujarati and English

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

It is a student-centered instruction model that focuses on measuring students' performances through outcomes. It can be measured through Course outcomes, Program outcomes, Placement, and students progressing to higher education.

20. Distance education/online education:

Various types of online seminars and trainings are completed by the college for the betterment of students.

Extended Profile**1. Programme**

1.1	147
Number of courses offered by the institution across all programs during the year	
File Description	Documents
Data Template	View File
2.Student	
2.1	942
Number of students during the year	
File Description	Documents
Institutional Data in Prescribed Format	View File
2.2	453
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	314
Number of outgoing/ final year students during the year	
File Description	Documents
Data Template	View File
3.Academic	
3.1	20
Number of full time teachers during the year	
File Description	Documents
Data Template	View File
3.2	3
Number of sanctioned posts during the year	

File Description	Documents
Data Template	View File
4.Institution	
4.1 Total number of Classrooms and Seminar halls	7
4.2 Total expenditure excluding salary during the year (INR in lakhs)	8100000.00
4.3 Total number of computers on campus for academic purposes	59

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 follows the curriculum prescribed by the Hemchandracharya North Gujarat University, Patan, through its Boards of Studies. The college ensures effective curriculum delivery through a systematic and strategic transparent mechanism. Academic calendar: The college follows the Academic calendar issued by the University and design academic planer of the college in line with the university academic planner and executes it rigorously. Time Table: The college constitutes the time table committee which prepares college time table. The subject wise time table is prepared by respective departments. Teaching plan is prepared by every faculty member at the beginning of academic year. They record the conduct of teaching and practical maintains in well documentations. Every department arranges extra classes for the betterment of slaw and advanced learners. Industrial visits, tours, internships are organized. Project work, problem solving, book review is assigned to teach them team spirit, sharing and develop presentation and research skills. Social sites such as YOUTUBE, WhatsApp etc. are used for effective teaching. ICT based materials are uploaded on the college website. Subject related certificate courses, field projects, value added courses, workshops, trainings, expert seminars and placement activities conduct on regularly bases.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	http://www.hnsbscihmt.org/programs-syllabus

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

The institution adheres to the academic calendar for the conduct of CIE. The academic year generally starts in the month of June and the academic activities of the college are planned by a committee consisting of principal, IQAC, HODs and senior faculty members. Academic calendar is prepared by the committee stating all the activities that should be followed throughout the year. In the beginning of the academic year, academic calendar is published by the University. The college carries out effective planning to follow to university academic calendar and prepared its own academic calendar for examination schedule and other curricular and Co-curricular activities. This allows the teachers and students to space out their teaching, learning and regular assessment of the same. The college has designed various committees to adhere the examination schedule as well as various competitions at college level and university level. Keep in mind academic calendar, the various committee members plan different activities for stake holders. Moreover, examination committee scheduled internal theory and practical examination programs on the base of syllabus competition. Internal exams schedule is generally followed on the month mentioned in the academic calendar.

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

1.1.3 - Teachers of the Institution participate in A. All of the above 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

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

5

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)

7

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

497

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

Our Institution integrates Cross-cutting issues of society like Moral Values, Human Values, Professional Ethics, Ethical Values, Gender Equality, and Environmental Awareness, which are inseparable part from the curriculum. Our college runs various courses like Value oriented education, Human rights, Indian constitution, Environmental Sciences, Entrepreneurship and Leadership for the betterment of the students. The college has a Women Grievance Cell and Grievance Redressal Cell to provide counseling to students, promote gender equity among students and also deal with related issues of safety and security of female students, staff, and faculty. The college campus is secured with CCTV and high-level security.

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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

70

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

489

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	http://www.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	http://www.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

942

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

439

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 learning rate is being supervised to identify slow learners and advanced. Slow and advanced learners are identified on the base of their results. Advanced learners are identified through their performance and interaction in the classroom, laboratory, fundamental knowledge and skills, and understanding power. Our college has the following strategies for advanced learners. Advanced learners are inspired by faculties to present their research work in the state, national and international level seminars and also inspired to publish research articles in research journals. Quick learners are motivated by faculties for sophisticated instrumentation training at different places as well as special classes arranged for them to achieve the best results in the University exams The college has the following programs for slow learners. The institute and individual mentors help the slow learners by giving the proper guidance and moral support to the learners viz. Faculties supervise the academic growth of students through remedial coaching, lab practicals, and internal examinations and give extra guidance to them as per their needs. During theory and practical sessions, critical topics are explained for improving performance. Appropriate counseling with additional teaching, eventually the effort made in this way is performance in the internal and university exam can be increased.

File Description	Documents
Paste link for additional information	http://www.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
942	20

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

Different types of Student centric methods, such as experiential learning, participative learning and problemsolving methodologies are used for enhancing learning experiences like, Our teaching and learning method are purely student centric.

Experimental Learning: The teachers foster learning environment by engaging in rich experimental content of teaching through practical, demonstration, periodical industrial visit, add on courses, project work, internships, instrumentation trainings and use of e content imparting experimental learning make effective.

Participative Learning: Students are the first and foremost stake holder of the every educational institute. Learner's centric participatory methods such as assignments, presentation of seminar, quiz session, participation in different competitions, presenting research work in seminars and conferences are employed to make teaching and learning more effective. These types of participatory learning activities promote leadership qualities in our students. In PG chemistry, class seminar sessions are organized where topics are presented by the students through PPTs to enhance their participatory learning experience.

Problem solving: In college we have following problem solving methods. Project work and Problems regarding to healthrelated research, water, environment and soil related are given to the students. They are always ready to design new pathways and try to solve problems.

File Description	Documents
Upload any additional information	View File
Link for additional information	www.hnsbscihmt.org

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

The college has a few ICT-enabled tools for effective teaching-learning processes such as Projectors, Lecture capturing systems, Desktop and Laptops, Online classes, Seminars, quizzes, CIE through Google meet, Microsoft Teams, etc. Faculty uses PPTs for theory and practical purposes as well as they uploaded their materials as e-content on the institutional website. Moreover, faculty also have their own youtube channels. Classrooms are fully furnished with projectors, OHP, and computers. Two classrooms have lecture recording facilities. In addition to the chalk-and-talk method of teaching, the faculty are using IT-enabled learning tools such as PPTs, Video clippings, audio systems, and online resources to expose the students to advanced knowledge and participative learning. Mentoring process and Feedback collection process is also on an online base. In M.Sc documents of CIE also taken online.

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

20

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

20

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

348

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.

Examination is always an important scale to measure the potential of a students.As per the examination system of our university, the

evaluation of students at any level in Bachelor of Science is done on 30:70 schemes. 30% weightage of the result is given to internal exams. This examination is held once in every semester. The students are supposed to appear for university exam for the remaining 70% of marks. The mechanism of examination has to be very transparent and robust. The CIE includes Quiz, Assignment, Attendance, Seminar, Book review, Project and Problem solving. Internal semester examinations are conducted by the institution. The planning of the approximate dates of examination is declared to the faculties and students during the initial month of the semester through the academic calendar. Even the faculties submit their papers in sealed covers which are directly submitted to the examination convener and then after proceed for printing. The external practical examinations are also conducted by the respective departments and results are submitted to the university. The examinations are conducted in a very healthy atmosphere. The examination committee, consisting of senior faculty members, performs the duty of both the senior supervisor and local squad to control malpractices. All the classes and lobbies are always under the surveillance of the watchful eyes of CCTV cameras. There are rare cases of malpractice during examination.

File Description	Documents
Any additional information	View File
Link for additional information	www.hnsbscihmt.org

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

The following mechanism is adopted to deal with the examination related grievances. The exam related grievances of the students are always given priority in the college as well as university. At college level, as far as the grievances related to internal evaluation are concerned, students can approach the convener of examination committee who attend to the problem and reach a solution. Once the marks are put on the notice board, students are given stipulated time of ten days, if they have any query about the assessment in the respective subjects. There is a transparent mechanism of rechecking/ reassessment of the answer sheet on demand. We invite applications about their queries and show them their answer books to resolve their queries. The HOD gets the reassessment done and submits the result along with his report to the Examination committee. If there is an improvement in the result, it is rectified soon. University Level: If a student is dissatisfied with result in

the University Exam the process follows according to the rules of the University.

File Description	Documents
Any additional information	View File
Link for additional information	www.hnsbscihmt.org

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 program at UG and PG levels has a different objective, however, the main aspects of these programs are to impart the quality of mankind through valuable education, increase the employability ratio, lead a quality life of human beings, and make responsible persons for the society in every aspect. The outcome of each UG and PG program is well analyzed by the departments. The faculty and students are informed about the programs in different ways. The program outcomes, program-specific outcomes, and course outcomes for UG and PG programs offered by the college are clearly displayed on the institutional website and display boards of every department. At the beginning of every academic year, the college arranges orientation programs which are addressed by the faculty where students are informed about COs and POs. The learning outcome of the programs and courses are shone out in the classroom with respect to the topic of units during the particular lecture by our faculties. The purpose behind communicating these COs and POs to the faculty is to conveyed faculties what knowledge and skills they are expected to teach students and same is conveyed to students so that they should know what they are expected to learn at the end of the courses.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	http://www.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 has a mechanism to evaluate Cos and Pos through college results, placements, employability in various fields, participation

of students in different competitive examinations, and percentage progression of students in higher education The course outcome is related to the skill, knowledge, and application that students acquire at the end of the courses. Student's attainments level can be measured with the use of university results, the percentage of progression students in higher education, participation, and success ratio of students in different competitive examinations. The program outcome of the UG and PG programs is measured by the college, based on placement at the end of programs. It can be also measured based on the ability of the students in initiating new businesses or managing their existing family business better.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	Nil

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

314

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	http://www.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)

<http://www.hnsbscihmt.org/upload/hotlinks/16751546212.7.1.pdf>

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	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	No File Uploaded
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

06

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	No File Uploaded
Supporting document from Funding Agency	No File Uploaded
Paste link to funding agency website	Nil

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 created an Ecosystem for Innovations including an Incubation Center and other initiatives for the creation and transfer of knowledge. Due to the sincere efforts of cell, various types of workshops are conducted on Research methodology, Intellectual property rights, and entrepreneurship for the creation and transfer of knowledge among students by Incubation Cell. Institute is having separate R&D cell. This committee oversees the smooth and efficient coordination of research and development activities in the institute, thus fostering overall growth. On the suggestions of R & D cell the management provides financial help to faculty for research publications. The R & D cell has organized various kind of activities like Seminar on Chemistry in every day life, National level quiz, Awareness program about food adulteration on the celebration of National Science Day. Our P.G. department also takes a keen interest to involve students in research activities and various projects.

Transfer of knowledge is also done with the help of the workshops on research methodology, and guest lectures, and students are encouraged to participate in the seminars which are organized by the college & other institutions for poster presentation. Teachers are also encouraged to become a members of professional bodies.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	www.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

08

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
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	http://www.hnsbscihmt.org/rdc/research-guide
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	No File Uploaded

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

04

File Description	Documents
Any additional information	No File Uploaded
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

02

File Description	Documents
Any additional information	No File Uploaded
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 Dungri 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 National Service Scheme, Women's cell, and Youth Committee. Through these units, the college undertakes various extension activities in the neighborhood community like Plastic free campus drive, Cleanliness drive, Blind day fund collection, Organ donation awareness program, Child protection and role of NSS volunteers, Armed force day fund collection, Food, and cloths distribution to the slum area, etc. for the betterment of our community. The NSS (National Service Scheme) conducts an annual camp in the neighboring village of Dungri 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	http://www.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

05

File Description	Documents
Any additional information	No File Uploaded
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

861

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

17

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

11

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 institute furnishes infrastructure facilities to fulfill the requirements of the students. The college building is spread over two stores. The ground floor consists of an administrative block, NAAC room, seminar hall, girl room, library, chemistry store room, UG and PG chemistry laboratories, etc. The classrooms, NSS room, sports room, indoor game hall, yoga hall, laboratories, DELL lab, etc are on the first floor. The classrooms and T.Y. Botany laboratories are on the second floor. The college has a partially automated library with 8,139 books. The College has an extra reading room close to the library. The college has provided an N-List facility for teachers and purchased SOUL software from INFLIBNET for the library. The College has 49 computers, 05 LCD Projectors, 02 OHP projectors, speakers, a sound system, and 35 CCTV cameras. The College has a separate NSS room, restroom, ladies' room, canteen, and DELL lab. The college has a BSNL and GTPL connection having a speed of 100 Mbps. Each department is connected to an internet connection. The College authorities provided 14 fire extinguishers installed in the building.

Equipment and Instruments: The Chemistry, Microbiology, Botany, and other supportive departments of the college have sufficient instruments for practical purposes.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://youtu.be/Lp35ysslS3A

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

Sports : The College provides excellent support facilities for indoor and outdoor games. **Indoor Games :** The college has established indoor game hall facilities for indoor games like Chess, Carom, Table tennis etc. **Outdoor Games:** The College provides facilities for outdoor games such as Cricket, Athletics, Kabbadi, Kho-Kho, Basket Ball, Handball, Football, Volley-ball, Badminton etc in common campus ground.

Yoga : The institute provides all the facilities to the students

which are interested in Yoga. For this purpose, one Yoga hall is provided. Since the UNO declared 21st June as the Yoga day in the world, the college organize practice session of Yoga for faculties prior to 21st June of every year. Also, during these sessions, Yoga experts guide us about the benefits of Yoga. The college has arranged Yoga and Pranayam program for administrative and support staff and also for the students.

Cultural Activities:Cultural activities, looking after by cultural committee, are the most throbbing unit of our college. The college has a big open space for cultural events like welcome party, annual function and many more cultural programs which organizes by cultural committee.Our college has purchased some musical instruments which are useful in the cultural events.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://youtu.be/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	Nil
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)

21.79

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	http://www.hnsbscihmt.org/resources/library

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

books Databases Remote access toe-resources

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)**

0.742

File Description	Documents
Any additional information	No File Uploaded
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**

53

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**

The institution has following IT facilities at various levels.
 Internet subscription: Excel media leased line: BSNL broad band,
 GTPL, LAN and Wired inter connectivity are available in 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 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 runs its own website since last five years. Physics department displays all notices, materials, mark sheets, you tube videos for practical, mentoring students, e module etc on the website and follow the paperless work. The IQAC of the college has one computer with LAN and internet connectivity 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 state Government is facilitated with 29computers. The college has developed an informative Dynamic Website, which includes online admission, examination, feedbacks, results, scholarship, mentoring etc.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.hnsbscihmt.org/upload/hotlinks/16764495744.3.pdf

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)

21.24

File Description	Documents
Upload any additional information	No File Uploaded
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 bears 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 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 faculties of discipline committee oversee the maintenance of the classroom equipments. Senior students in the classes take care of preserving facilities in the college intact. The college building is lent to the external agencies and Government for exams on request.

Maintenance and utilization of Computers : Though college have a duly appointed system administrator to oversee the maintenance of the computer systems. Sun InfoTech who looks after the maintenance and updating of operative system, antivirus, software, hardware as well as technical problems of computer systems in the college. LAN and internet connectivity is regularly checked by the technician.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.hnsbscihmt.org/upload/hotlinks/16764521674.4.2.pdf

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

328

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	No File Uploaded
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

30

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	www.hnsbscihmt.org
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

424

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

424

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

C. Any 2 of the above

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

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

19

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

142

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

03

File Description	Documents
Upload supporting data for the same	View File
Any additional information	No File Uploaded
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.

00

File Description	Documents
e-copies of award letters and certificates	No File Uploaded
Any additional information	No File Uploaded
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) Various programs are organized by the representative of this council for the deaf and dump as well as for Divyangjan. 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	http://www.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

12

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 in order 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 a number of 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 is working 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 and 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	http://www.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 HimatnagarKelavani 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, non-teaching staff, and students for the overall management such as 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	http://www.hnsbscihmt.org/
Upload any additional information	No File Uploaded

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 are 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 the application form is received from them.

At 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	http://www.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 non teaching staff
4. FDP and professional development programs for teaching and non teaching staff
5. Streaming of data management according to NAAC
6. Improved students centric methods in the teaching learning process
7. Process started for submission of AQAR for the year 2021-2022

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	Nil
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 Management Level: Our college strictly adheres to the norms of UGC, H.N.G.University, Patan and Gujarat Government in appointing faculty member as well as administrative staff. College runs under Himatnagar Kelavani Mandal.Managing committee. 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 in accordance with the approved budget.

1.Organizational Structure at College Level: The administrative body of the college is well organized, friendly amicable and cooperative. The administrative set up of the college is channelized through Principal, Vice Principal, IQAC Coordinator, HODs. For the qualitative administration, the college has formed various committees. All these committees have their own responsibilities of their respective fields and cooperate each other for effective administration. Service rules, Procedures, Recruitment, Promotion Policies:**The service rules of the teaching and non teaching staff are as per the relevant rules of the competent authorities like the UGC, HNG University and Govt. of Gujarat, Similarly, the rules and procedure for recruitment and promotion are as per the Government of Gujarat, HNG University act and the UGC regulations**

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the institution webpage	http://www.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	No File Uploaded
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 leaves. The non-teaching staff members are entitled to casual and sick leave, 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 total loan of Rs 47,25000/- to around 26 staff members till today. Financial assistance and leave are given to attend summer schools, orientation programs, FDP, Seminars, Workshops, etc.

File Description	Documents
Paste link for additional information	Nil
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

03

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

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

08

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

For effective measurement of the output of teaching, non-teaching staff, and institute, annual feedback is taken from the students. This feedback analysis is helpful in identifying the strengths and weaknesses of the individuals and suitable actions are taken. The teaching staff members are requested to submit their academic profile, and self-appraisal report at the end of every academic year, which are endorsed by the principal and submitted to the HNGU, Patan. The principal encourages the faculty for better performance. Self-appraisal reports are also taken from faculties and are self-analyzed by the faculties. It was evaluated by the principal and IQAC.

File Description	Documents
Paste link for additional information	http://www.hnsbscihmt.org/feedback-actions
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 daily bases. 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 P.P. PATEL and Bros, Chartered Accountants, and Registration No FIRM REG.NO.107743W. Vakhariyavad, Nr. Dr. Arun Parikh Hospital, Gandhi road, 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	Nil
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	No File Uploaded
Any additional information	No File Uploaded
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, State government grants. The following are the sources through which the college secures funds: UGC funds, State Governments 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 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	Nil
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 fulfilment 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	http://www.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 learners centric environment 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 of the academic calendar, feedback, certificate courses, field projects, internship and

training programs, placement drive as well as research activities, National level webinars for the betterment of students and faculties.

File Description	Documents
Paste link for additional information	Nil
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	Nil
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 gender equity quiz, Blood donation camps, 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 cell 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 Counselling, including Grievance Redressal, Career Counselling, Safety and Security, Privacy and Personal Space, etc.

File Description	Documents
Annual gender sensitization action plan	http://www.hnsbscihmt.org/upload/hotlinks/16781701987.1.1a.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	http://www.hnsbscihmt.org/upload/hotlinks/16781702187.1.1b.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

B. Any 3 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: Separate dustbin is kept in the all Flores for 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 should 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.

Liquide 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 vendor.

Hazardous Chemicals and Radio active Waste:Teachers give guidance and keep proper monitoring when students work with chemicals, 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	No File Uploaded
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	No File Uploaded

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	No File Uploaded

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

A. Any 4 or all 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	No File Uploaded
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

A. Any 4 or all of the above

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

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	No File Uploaded
Any other relevant information	No File Uploaded

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 believes 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 socioeconomic, 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. Every year we distribute winter clothes among poverty-line communities and try to maintain communal socioeconomic balance. The college also organizes various cultural programs to celebrate the cultural diversity of India. Students from various regional and cultural backgrounds participate in such programs and present their regional or cultural folk songs and dances. To cater to linguistic diversity, all student-related competitions like essay writing, speech, and language quotes competitions are conducted in three languages, Gujarati, Hindi, and English. Moreover, Diwali, Eid, and Raksha Bandhan are celebrated to maintain cultural and communal harmony on campus. Akta Rally was organized for communal harmony among students.

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	No File Uploaded

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 blood donation camps to make them responsible citizens of India. The college has also conducted value-added courses like Indian Constitution on move towards constitution where subject experts enlightened the students about the importance of the Indian constitution and how we must work in the direction of saving our constitution. As well as Value education courses that inspire students' community towards Indian real values. Webinars on Constitutional rights, National voters day, Independence day and, and Republic day were celebrated also in the college. Our NSS unit also organized fund collection activities on Flag Day to create responsibility towards the Indian army. The NSS unit has arranged an awareness program for organ donation to create social responsibility among students.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	http://www.hnsbscihmt.org/upload/hotlinks/16781721077.1.9.pdf
Any other relevant information	Nil

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 **A. All of the above**

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. Gandhi Jayanti is regularly celebrated by our college. World AIDS Day was celebrated and AIDS awareness created among students. On the occasion of Sardar Patel Jyanti the Akta rally was arranged and on the occasion of International Women day blood donation camp was arranged. Fund collection activity was conducted on Blind day and Armed force day. Voting awareness was created among students on National voter day. Moreover Swami Vivekanad jyanti, Black day (Pulvama shahid diwas) and Martrys day (Shahid diwas) was also celebrated in the 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 Student Support

Context: Institutions must provide student support programs for academic success and overall well-being.

Objectives: Develop a comprehensive student support system.

Practice: The institution offers various student-centric programs like Mentorship, Feedback for Faculty, Certificate Courses, Field projects, Internships, Training, and Workshops.

Challenges: Ensuring equitable support for students in need and addressing sensitive issues with discretion.

Evidence of Success: The college has a ragging-free campus, with 19 students placed in industries, and 46% of students securing admissions for higher education. 33 needy students received scholarships, and some students qualified for NET, GATE, and GSET.

Resources Required: Availability of counselors on campus.

Best Practice: 2

Student-Centric Teaching-Learning Process:

The Context

This institution employs a student-centric teaching-learning approach to empower students as decision-makers in their own learning.

The practice

It includes activity-based learning, seminars, guest lectures, and fieldwork.

The objective

To help students understand the curriculum's worth, set and achieve goals, develop critical thinking, and bridge the gap between industry and education.

The advantages

The advantages are fun, engaging, and personalized learning experiences.

Challenges

It includes limited funds and infrastructure.

Evidence of success

It includes increased results, higher education progression, and improved job placements.

Resources Required

More funding and ICT-based infrastructure

File Description	Documents
Best practices in the Institutional website	http://www.hnsbscihmt.org/best-practices
Any other relevant information	http://www.hnsbscihmt.org/upload/hotlinks/16781756567.2.1webv.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

It is the most preferred college in the Sabarkantha district for admission.

The majority of staff have a Ph.D. degree and also guide-ships at Hemchandraacharya North Gujarat University.

11 research scholars are pursuing research work under the guidance of different guides. Some of the faculty members were also appointed as Ph.D. thesis evaluators.

The college has given university toppers and, good results compared to other science colleges in the Sabarkantha district.

Industry interaction and liaison is an ongoing process that happens year-round in the form of certificate courses, value-added courses, field projects, industrial training, internships, placements, industrial visits, etc.

Faculty members are always interested to attend FDP, short-term training courses, seminars, and workshops every year. In the academic year 2021-2022, a total of 56 training, short-term courses, and FDP were completed and 226 conferences and seminars were attended by the faculties.

Faculty members are regularly appointed to the "Board of Studies", "Examination" and other professional bodies.

Some of the Alumni are studying or working in other countries.

A number of the Alumni are in good positions.

Some of the students have cleared the NET, GATE, and GSET and also pursuing Ph.D.

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 follows the curriculum prescribed by the Hemchandracharya North Gujarat University, Patan, through its Boards of Studies. The college ensures effective curriculum delivery through a systematic and strategic transparent mechanism. Academic calendar: The college follows the Academic calendar issued by the University and design academic planer of the college in line with the university academic planner and executes it rigorously. Time Table: The college constitutes the time table committee which prepares college time table. The subject wise time table is prepared by respective departments. Teaching plan is prepared by every faculty member at the beginning of academic year. They record the conduct of teaching and practical maintains in well documentations. Every department arranges extra classes for the betterment of slaw and advanced learners. Industrial visits, tours, internships are organized. Project work, problem solving, book review is assigned to teach them team spirit, sharing and develop presentation and research skills. Social sites such as YOUTUBE, WhatsApp etc. are used for effective teaching. ICT based materials are uploaded on the college website. Subject related certificate courses, field projects, value added courses, workshops, trainings, expert seminars and placement activities conduct on regularly bases.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	http://www.hnsbscihmt.org/programs-syllabus

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

The institution adheres to the academic calendar for the conduct of CIE. The academic year generally starts in the month of June and the academic activities of the college are planned by a committee consisting of principal, IQAC, HODs and senior faculty

members. Academic calendar is prepared by the committee stating all the activities that should be followed throughout the year. In the beginning of the academic year, academic calendar is published by the University. The college carries out effective planning to follow to university academic calendar and prepared its own academic calendar for examination schedule and other curricular and Co-curricular activities. This allows the teachers and students to space out their teaching, learning and regular assessment of the same. The college has designed various committees to adhere the examination schedule as well as various competitions at college level and university level. Keep in mind academic calendar, the various committee members plan different activities for stake holders. Moreover, examination committee scheduled internal theory and practical examination programs on the base of syllabus competition. Internal exams schedule is generally followed on the month mentioned in the academic calendar.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	http://www.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	
5	
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)	
7	
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	
497	
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

Our Institution integrates Cross-cutting issues of society like Moral Values, Human Values, Professional Ethics, Ethical Values, Gender Equality, and Environmental Awareness, which are inseparable part from the curriculum. Our college runs various courses like Value oriented education, Human rights, Indian constitution, Environmental Sciences, Entrepreneurship and Leadership for the betterment of the students. The college has a Women Grievance Cell and Grievance Redressal Cell to provide counseling to students, promote gender equity among students and also deal with related issues of safety and security of female students, staff, and faculty. The college campus is secured with CCTV and high-level security.

Our Institution integrates Cross-cutting issues of society like Moral Values, Human Values, Professional Ethics, Ethical Values, Gender Equality, and Environmental Awareness, which are inseparable part from the curriculum. Our college runs various courses like Value oriented education, Human rights, Indian constitution, Environmental Sciences, Entrepreneurship and Leadership for the betterment of the students. The college has a Women Grievance Cell and Grievance Redressal Cell to provide counseling to students, promote gender equity among students and also deal with related issues of safety and security of female students, staff, and faculty. The college campus is secured with CCTV and high-level security.

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

70

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

489

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	http://www.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	http://www.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

942

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

439

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 learning rate is being supervised to identify slow learners and advanced. Slow and advanced learners are identified on the base of their results. Advanced learners are identified through

their performance and interaction in the classroom, laboratory, fundamental knowledge and skills, and understanding power. Our college has the following strategies for advanced learners. Advanced learners are inspired by faculties to present their research work in the state, national and international level seminars and also inspired to publish research articles in research journals. Quick learners are motivated by faculties for sophisticated instrumentation training at different places as well as special classes arranged for them to achieve the best results in the University exams. The college has the following programs for slow learners. The institute and individual mentors help the slow learners by giving the proper guidance and moral support to the learners viz. Faculties supervise the academic growth of students through remedial coaching, lab practicals, and internal examinations and give extra guidance to them as per their needs. During theory and practical sessions, critical topics are explained for improving performance. Appropriate counseling with additional teaching, eventually the effort made in this way is performance in the internal and university exam can be increased.

File Description	Documents
Paste link for additional information	http://www.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
942	20

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

Different types of Student centric methods, such as experiential learning, participative learning and problemsolving methodologies are used for enhancing learning experiences like, Our teaching and

learning method are purely student centric.

Experimental Learning: The teachers foster learning environment by engaging in rich experimental content of teaching through practical, demonstration, periodical industrial visit, add on courses, project work, internships, instrumentation trainings and use of e content imparting experimental learning make effective.

Participative Learning: Students are the first and foremost stake holder of the every educational institute. Learner's centric participatory methods such as assignments, presentation of seminar, quiz session, participation in different competitions, presenting research work in seminars and conferences are employed to make teaching and learning more effective. These types of participatory learning activities promote leadership qualities in our students. In PG chemistry, class seminar sessions are organized where topics are presented by the students through PPTs to enhance their participatory learning experience.

Problem solving: In college we have following problem solving methods. Project work and Problems regarding to healthrelated research, water, environment and soil related are given to the students. They are always ready to design new pathways and try to solve problems.

File Description	Documents
Upload any additional information	View File
Link for additional information	www.hnsbscihmt.org

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

The college has a few ICT-enabled tools for effective teaching-learning processes such as Projectors, Lecture capturing systems, Desktop and Laptops, Online classes, Seminars, quizzes, CIE through Google meet, Microsoft Teams, etc. Faculty uses PPTs for theory and practical purposes as well as they uploaded their materials as e-content on the institutional website. Moreover, faculty also have their own youtube channels. Classrooms are fully furnished with projectors, OHP, and computers. Two classrooms have lecture recording facilities. In addition to the chalk-and-talk method of teaching, the faculty are using IT-enabled learning tools such as PPTs, Video clippings, audio

systems, and online resources to expose the students to advanced knowledge and participative learning. Mentoring process and Feedback collection process is also on an online base. In M.Sc documents of CIE also taken online.

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

20

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

20

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**

348

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.

Examination is always an important scale to measure the potential of a students.As per the examination system of our university, the evaluation of students at any level in Bachelor of Science is done on 30:70 schemes. 30% weightage of the result is given to internal exams. This examination is held once in every semester. The students are supposed to appear for university exam for the remaining 70% of marks. The mechanism of examination has to be very transparent and robust.The CIE includes Quiz,Assignment,Attendance,Seminar,Book review, Project and Problem solving.Internal semester examinations are conducted by the institution. The planning of the approximate dates of examination is declared to the faculties and students during the

initial month of the semester through the academic calendar. Even the faculties submit their papers in sealed covers which are directly submitted to the examination convener and then after proceed for printing. The external practical examinations are also conducted by the respective departments and results are submitted to the university. The examinations are conducted in a very healthy atmosphere. The examination committee, consisting of senior faculty members, performs the duty of both the senior supervisor and local squad to control malpractices. All the classes and lobbies are always under the surveillance of the watchful eyes of CCTV cameras. There are rare cases of malpractice during examination.

File Description	Documents
Any additional information	View File
Link for additional information	www.hnsbscihmt.org

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

The following mechanism is adopted to deal with the examination related grievances. The exam related grievances of the students are always given priority in the college as well as university. At college level, as far as the grievances related to internal evaluation are concerned, students can approach the convener of examination committee who attend to the problem and reach a solution. Once the marks are put on the notice board, students are given stipulated time of ten days, if they have any query about the assessment in the respective subjects. There is a transparent mechanism of rechecking/ reassessment of the answer sheet on demand. We invite applications about their queries and show them their answer books to resolve their queries. The HOD gets the reassessment done and submits the result along with his report to the Examination committee. If there is an improvement in the result, it is rectified soon. University Level: If a student is dissatisfied with result in the University Exam the process follows according to the rules of the University.

File Description	Documents
Any additional information	View File
Link for additional information	www.hnsbscihmt.org

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 program at UG and PG levels has a different objective, however, the main aspects of these programs are to impart the quality of mankind through valuable education, increase the employability ratio, lead a quality life of human beings, and make responsible persons for the society in every aspect. The outcome of each UG and PG program is well analyzed by the departments. The faculty and students are informed about the programs in different ways. The program outcomes, program-specific outcomes, and course outcomes for UG and PG programs offered by the college are clearly displayed on the institutional website and display boards of every department. At the beginning of every academic year, the college arranges orientation programs which are addressed by the faculty where students are informed about COs and POs. The learning outcome of the programs and courses are shone out in the classroom with respect to the topic of units during the particular lecture by our faculties. The purpose behind communicating these COs and POs to the faculty is to conveyed faculties what knowledge and skills they are expected to teach students and same is conveyed to students so that they should know what they are expected to learn at the end of the courses.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	http://www.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 has a mechanism to evaluate Cos and Pos through college results, placements, employability in various fields, participation of students in different competitive examinations, and percentage progression of students in higher education The course outcome is related to the skill, knowledge, and application that students acquire at the end of the courses. Student's attainments level can be measured with the use of university results, the percentage of progression students in

higher education, participation, and success ratio of students in different competitive examinations. The program outcome of the UG and PG programs is measured by the college, based on placement at the end of programs. It can be also measured based on the ability of the students in initiating new businesses or managing their existing family business better.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	Nil

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

314

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	http://www.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)

<http://www.hnsbscihmt.org/upload/hotlinks/16751546212.7.1.pdf>

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	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	No File Uploaded
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	
06	
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	No File Uploaded
Supporting document from Funding Agency	No File Uploaded
Paste link to funding agency website	Nil
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 created an Ecosystem for Innovations including an Incubation Center and other initiatives for the creation and transfer of knowledge. Due to the sincere efforts of cell, various types of workshops are conducted on Research methodology, Intellectual property rights, and entrepreneurship for the creation and transfer of knowledge among students by Incubation Cell. Institute is having separate R&D cell. This committee oversees the smooth and efficient coordination of research and development activities in the institute, thus fostering overall growth. On the suggestions of R & D cell the management provides financial help to faculty for research publications. The R & D cell has organized various kind of activities like Seminar on Chemistry in every day life, National level quiz, Awareness program about food adulteration on the celebration of National Science Day. Our P.G. department also takes a keen interest to involve students in research activities and various projects.

Transfer of knowledge is also done with the help of the workshops on research methodology, and guest lectures, and students are encouraged to participate in the seminars which are organized by the college & other institutions for poster presentation. Teachers are also encouraged to become a members of professional bodies.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	www.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

08

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
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	http://www.hnsbscihmt.org/rdc/research-guide
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	No File Uploaded
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	
04	
File Description	Documents
Any additional information	No File Uploaded
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	
02	

File Description	Documents
Any additional information	No File Uploaded
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 Dungri 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 National Service Scheme, Women's cell, and Youth Committee. Through these units, the college undertakes various extension activities in the neighborhood community like Plastic free campus drive, Cleanliness drive, Blind day fund collection, Organ donation awareness program, Child protection and role of NSS volunteers, Armed force day fund collection, Food, and cloths distribution to the slum area, etc. for the betterment of our community. The NSS (National Service Scheme) conducts an annual camp in the neighboring village of Dungri 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	http://www.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

05

File Description	Documents
Any additional information	No File Uploaded
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

861

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

17

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

11

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 institute furnishes infrastructure facilities to fulfill the requirements of the students. The college building is spread over two stores. The ground floor consists of an administrative block, NAAC room, seminar hall, girl room, library, chemistry store room, UG and PG chemistry laboratories, etc. The classrooms, NSS room, sports room, indoor game hall, yoga hall, laboratories, DELL lab, etc are on the first floor. The classrooms and T.Y. Botany laboratories are on the second floor. The college has a partially automated library with 8,139 books. The College has an extra reading room close to the library. The college has provided an N-List facility for teachers and purchased SOUL software from INFLIBNET for the library. The College has 49 computers, 05 LCD Projectors, 02 OHP projectors, speakers, a sound system, and 35 CCTV cameras. The College has a separate NSS room, restroom, ladies' room, canteen, and DELL lab. The college has a BSNL and GTPN connection having a speed of 100 Mbps. Each department is connected to an internet connection. The College authorities provided 14 fire extinguishers installed in the building.

Equipment and Instruments: The Chemistry, Microbiology, Botany, and other supportive departments of the college have sufficient instruments for practical purposes.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://youtu.be/Lp35ysssLS3A

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

Sports : The College provides excellent support facilities for indoor and outdoor games. **Indoor Games :** The college has established indoor game hall facilities for indoor games like Chess, Carom, Table tennis etc. **Outdoor Games:** The College provides facilities for outdoor games such as Cricket, Athletics, Kabbadi, Kho-Kho, Basket Ball, Handball, Football, Volley-ball, Badminton etc in common campus ground.

Yoga : The institute provides all the facilities to the students which are interested in Yoga. For this purpose, one Yoga hall is provided. Since the UNO declared 21st June as the Yoga day in the world, the college organize practice session of Yoga for faculties prior to 21st June of every year. Also, during these sessions, Yoga experts guide us about the benefits of Yoga. The college has arranged Yoga and Pranayam program for administrative and support staff and also for the students.

Cultural Activities:Cultural activities, looking after by cultural committee, are the most throbbing unit of our college. The college has a big open space for cultural events like welcome party, annual function and many more cultural programs which organizes by cultural committee.Our college has purchased some musical instruments which are useful in the cultural events.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://youtu.be/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	Nil
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)

21.79

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, NLIST, 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	http://www.hnsbscihmt.org/resources/librar y

4.2.2 - The institution has subscription for

A. Any 4 or more of the above

the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources

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)

0.742

File Description	Documents
Any additional information	No File Uploaded
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

53

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

The institution has following IT facilities at various levels. Internet subscription: Excel media leased line: BSNL broad band, GTPL, LAN and Wired inter connectivity are available in 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 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 runs its own website since last five years. Physics department displays all notices, materials, mark sheets, you tube videos for practical, mentoring students, e module etc on the website and follow the paperless work. The IQAC of the college has one computer with LAN and internet connectivity 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 state Government is facilitated with 29computers. The college has developed an informative Dynamic Website, which includes online admission, examination, feedbacks, results, scholarship, mentoring etc.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.hnsbscihmt.org/upload/hotlinks/16764495744.3.pdf

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)

21.24

File Description	Documents
Upload any additional information	No File Uploaded
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 bears 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 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 faculties of discipline committee oversee the maintenance of the classroom equipments. Senior students in the classes take care of preserving facilities in the college intact. The college building is lent to the external agencies and

Government for exams on request. Maintenance and utilization of Computers : Though college have a duly appointed system administrator to oversee the maintenance of the computer systems. Sun InfoTech who looks after the maintenance and updating of operative system, antivirus, software, hardware as well as technical problems of computer systems in the college. LAN and internet connectivity is regularly checked by the technician.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.hnsbscihmt.org/upload/hotlinks/16764521674.4.2.pdf

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

328

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	No File Uploaded
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

30

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	www.hnsbscihmt.org
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	
424	
5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year	
424	
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	C. Any 2 of the above

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

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

19

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

142

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

03

File Description	Documents
Upload supporting data for the same	View File
Any additional information	No File Uploaded
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.

00

File Description	Documents
e-copies of award letters and certificates	No File Uploaded
Any additional information	No File Uploaded
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) Various programs are organized by the representative of this council for the deaf and dumb as well as for Divyangjan. 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	http://www.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

12

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 in order 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 a number of 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 is working 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 and 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	http://www.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 HimatnagarKelavani 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, non-teaching staff, and students for the overall management such as 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	http://www.hnsbscihmt.org/
Upload any additional information	No File Uploaded

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 are 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 the application form is received from them.

At 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	http://www.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 non teaching staff
4. FDP and professional development programs for teaching and non teaching staff
5. Streaming of data management according to NAAC
6. Improved students centric methods in the teaching learning process
7. Process started for submission of AQAR for the year 2021-2022

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	Nil
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 Management Level: Our college strictly adheres to the norms of UGC, H.N.G.University, Patan and Gujarat Government in appointing faculty member as well as administrative staff. College runs under Himatnagar Kelavani Mandal.Managing committee. 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 in accordance with the approved budget.

1.Organizational Structure at College Level: The administrative body of the college is well organized, friendly amicable and cooperative. The administrative set up of the college is channelized through Principal, Vice Principal, IQAC Coordinator, HODs. For the qualitative administration, the college has formed various committees. All these committees have their own responsibilities of their respective fields and cooperate each other for effective administration. Service rules, Procedures, Recruitment, Promotion Policies:The service rules of the teaching and non teaching staff are as per the relevant rules of the competent authorities like the UGC, HNG University and Govt. of Gujarat, Similarly, the rules and procedure for recruitment and promotion are as per the Government of Gujarat, HNG University act and the UGC regulations

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the institution webpage	http://www.hnsbscihmt.org/about-orgrams
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	No File Uploaded
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 leaves. The non-teaching staff members are entitled to casual and sick leave, 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 total loan of Rs 47,25000/- to around 26 staff members till today. Financial assistance and leave are given to attend summer schools, orientation programs, FDP, Seminars, Workshops, etc.

File Description	Documents
Paste link for additional information	Nil
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**

03

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**

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

08

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

For effective measurement of the output of teaching, non-teaching staff, and institute, annual feedback is taken from the students. This feedback analysis is helpful in identifying the strengths and weaknesses of the individuals and suitable actions are taken.

The teaching staff members are requested to submit their academic profile, and self-appraisal report at the end of every academic year, which are endorsed by the principal and submitted to the HNGU, Patan. The principal encourages the faculty for better performance. Self-appraisal reports are also taken from faculties and are self-analyzed by the faculties. It was evaluated by the principal and IQAC.

File Description	Documents
Paste link for additional information	http://www.hnsbscihmt.org/feedback-actions
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 daily bases. 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 P.P. PATEL and Bros, Chartered Accountants, and Registration No FIRM REG.NO.107743W. Vakhariyavad, Nr. Dr. Arun Parikh Hospital, Gandhi road, 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	Nil
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	No File Uploaded
Any additional information	No File Uploaded
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, State government grants. The following are the sources through which the college secures funds: UGC funds, State Governments 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 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	Nil
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 fulfilment 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	http://www.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 learners centric environment 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 of the academic calendar, feedback, certificate courses, field projects, internship and training programs, placement drive as well as research activities, National level webinars for the betterment of students and faculties.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC);

C. Any 2 of the above

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)

File Description	Documents
Paste web link of Annual reports of Institution	Nil
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 gender equity quiz, Blood donation camps, 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 cell 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 Counselling, including Grievance Redressal, Career Counselling,

Safety and Security, Privacy and Personal Space, etc.

File Description	Documents
Annual gender sensitization action plan	http://www.hnsbscihmt.org/upload/hotlinks/16781701987.1.1a.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	http://www.hnsbscihmt.org/upload/hotlinks/16781702187.1.1b.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

B. Any 3 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: Separate dustbin is kept in the all Flores for 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 should 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.

Liquide 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 vendor.

Hazardous Chemicals and Radio active WasteTeachers give guidance and keep proper monitoring when students work with chemicals, 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	No File Uploaded
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	No File Uploaded

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	No File Uploaded

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

A. Any 4 or all 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	No File Uploaded
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	No File Uploaded
Any other relevant information	No File Uploaded

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 believes 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. Every year we distribute winter clothes among poverty-line communities and try to maintain communal socioeconomic balance. The college also organizes various cultural programs to celebrate the cultural diversity of India. Students from various regional and cultural backgrounds participate in such programs and present their regional or cultural folk songs and dances. To cater to linguistic diversity, all student-related competitions like essay writing, speech, and language quotes competitions are conducted in three languages, Gujarati, Hindi, and English. Moreover, Diwali, Eid, and Raksha Bandhan are celebrated to maintain cultural and communal harmony on campus. Akta Rally was organized for communal harmony among students.

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	No File Uploaded

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 blood donation camps to make them responsible citizens of India. The college has also conducted value-added courses like Indian Constitution on move towards constitution where subject experts enlightened the students about the importance of the Indian constitution and how we must work in the direction of saving our constitution. As well as Value education courses that inspire students' community towards Indian real values. Webinars on Constitutional rights, National voters day, Independence day and, and Republic day were celebrated also in the college. Our NSS unit also organized fund collection activities on Flag Day to create responsibility towards the Indian army. The NSS unit has arranged an awareness program for organ donation to create social responsibility among students.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	http://www.hnsbscihmt.org/upload/hotlinks/16781721077.1.9.pdf
Any other relevant information	Nil

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

A. All of the above

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. Gandhi Jayanti is regularly celebrated by our college. World AIDS Day was celebrated and AIDS awareness created among students. On the occasion of Sardar Patel Jyanti the Akta rally was arranged and on the occasion of International Women day blood donation camp was arranged. Fund collection activity was conducted on Blind day and Armed force day. Voting awareness was created among students on National voter day. Moreover Swami Vivekanad jyanti, Black day (Pulvama shahid diwas) and Martrys day (Shahid diwas) was also celebrated in the 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 Student Support

Context: Institutions must provide student support programs for academic success and overall well-being.

Objectives: Develop a comprehensive student support system.

Practice: The institution offers various student-centric programs like Mentorship, Feedback for Faculty, Certificate Courses, Field projects, Internships, Training, and Workshops.

Challenges: Ensuring equitable support for students in need and addressing sensitive issues with discretion.

Evidence of Success: The college has a ragging-free campus, with 19 students placed in industries, and 46% of students securing admissions for higher education. 33 needy students received scholarships, and some students qualified for NET, GATE, and GSET.

Resources Required: Availability of counselors on campus.

Best Practice: 2

Student-Centric Teaching-Learning Process:

The Context

This institution employs a student-centric teaching-learning approach to empower students as decision-makers in their own learning.

The practice

It includes activity-based learning, seminars, guest lectures, and fieldwork.

The objective

To help students understand the curriculum's worth, set and achieve goals, develop critical thinking, and bridge the gap between industry and education.

The advantages

The advantages are fun, engaging, and personalized learning experiences.

Challenges

It includes limited funds and infrastructure.

Evidence of success

It includes increased results, higher education progression, and improved job placements.

Resources Required

More funding and ICT-based infrastructure

File Description	Documents
Best practices in the Institutional website	http://www.hnsbscihmt.org/best-practices
Any other relevant information	http://www.hnsbscihmt.org/upload/hotlinks/16781756567.2.1webv.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

It is the most preferred college in the Sabarkantha district for admission.

The majority of staff have a Ph.D. degree and also guide-ships at

Hemchandraacharya North Gujarat University.

11 research scholars are pursuing research work under the guidance of different guides. Some of the faculty members were also appointed as Ph.D. thesis evaluators.

The college has given university toppers and, good results compared to other science colleges in the Sabarkantha district.

Industry interaction and liaison is an ongoing process that happens year-round in the form of certificate courses, value-added courses, field projects, industrial training, internships, placements, industrial visits, etc.

Faculty members are always interested to attend FDP, short-term training courses, seminars, and workshops every year. In the academic year 2021-2022, a total of 56 training, short-term courses, and FDP were completed and 226 conferences and seminars were attended by the faculties.

Faculty members are regularly appointed to the "Board of Studies", "Examination" and other professional bodies.

Some of the Alumni are studying or working in other countries.

A number of the Alumni are in good positions.

Some of the students have cleared the NET, GATE, and GSET and also pursuing Ph.D.

File Description	Documents
Appropriate web in the Institutional website	View File
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

Plan of Action for the Next Academic Year

The HNSB. Ltd. Science College has taken several initiatives to enhance the standards for overall development of students and faculty. In view of the vision and mission, institute has planned for following initiatives for the next academic year.

1. To submit proposal for Institutional Development Plan.

2. To acquire GSIRF Accreditation in the academic year 2023.
3. Collaborate with industry to bridge the gap between academia and industry through interaction, industrial internships.
4. Organize more out reach and neighborhood community programs to contribute to the wellness of the society.
5. To promote entrepreneurship and innovation through skill development.
6. Encourage the faculty towards research and conduct research orientation programs to ensure that faculty will publish research papers in indexed journals and books with ISBN.
7. To establish proper waste management system in the institution.