



Yearly Status Report - 2017-2018

Part A

Data of the Institution

Part A	
Data of the Institution	
1. Name of the Institution	THE HNSB.LTD. SCIENCE COLLEGE
Name of the head of the Institution	Dr. B.S.Patel
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	02772228925
Mobile no.	9904003218
Registered Email	scihmt@yahoo.co.in
Alternate Email	prajapatim73@yahoo.com
Address	College Campus, Motipura, NH-8, Himatnagar, Gujarat, 383001
City/Town	Himatnagar
State/UT	Gujarat
Pincode	383001

2. Institutional Status					
Affiliated / Constituent		Affiliated			
Type of Institution		Co-education			
Location		Urban			
Financial Status		state			
Name of the IQAC co-ordinator/Director		Dr M. M. Prajapati			
Phone no/Alternate Phone no.		02772228925			
Mobile no.		9904003218			
Registered Email		prajapatim73@yahoo.com			
Alternate Email		scihmt@yahoo.co.in			
3. Website Address					
Web-link of the AQAR: (Previous Academic Year)		http://www.hnsbscihmt.org			
4. Whether Academic Calendar prepared during the year		Yes			
if yes, whether it is uploaded in the institutional website: Weblink :		http://www.hnsbscihmt.org			
5. Accrediation Details					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	B	2.06	2008	04-Feb-2008	03-Feb-2013
6. Date of Establishment of IQAC			01-Feb-2008		
7. Internal Quality Assurance System					
Quality initiatives by IQAC during the year for promoting quality culture					
Item /Title of the quality initiative by IQAC	Date & Duration		Number of participants/ beneficiaries		
IQAC meeting	12-Jun-2017 1		17		

IQAC meetings	06-Nov-2017 1	17
IQAC meeting with faculties	12-Jun-2017 1	22
IQAC meeting with faculties	06-Nov-2017 1	22
IQAC meeting with support staff	13-Jun-2017 1	17
IQAC meeting with Alumni	26-Aug-2017 1	42
IQAC meeting with Parents	17-Sep-2017 1	44
Feedback collection, analysis and used for improvements from Students	09-Mar-2018 1	197
Feedback collection, analysis and used for improvements from Parents	17-Sep-2017 1	44
Feedback collection, analysis and used for improvements from Alumni	26-Aug-2017 1	30

8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Nil	Nil	Nil	2019 00	0
No Files Uploaded !!!				

9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	7
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No

12. Significant contributions made by IQAC during the current year(maximum five bullets)

Academic Calendar for the session was more holistic in approach and its successful implementation was monitored by IQAC.

Support to Principal in planning and administrative activities

MOUs and Linkages with different Pharmaceutical industries, Educational institutes and NGOs.

Organized different activities to enhance Social responsibility and Universal values in students.

Organized Industry Institute Interaction Program for students

No Files Uploaded !!!

13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
Highlight the achievements of individuals and institute in the Annual Report of the institute	The IQAC has been published the annual report at the end of the academic year, which showcasing the various activities, toppers, results, winners of the activities and code of conducts of the college.
Prepare a Academic Calendar	Students centric Academic Calendar is prepared successfully
To Developed various feedback Performa for Stakeholders for assessment of institutional and teachers quality.	Students feedback is collected at the end of year and other feedback are collected during stake holders meetings. The feedback data is analyzed and recommendations are given on that basis.
To introduced Industry Institute Interaction Program for students	The iii program was designed as per need of pharmaceutical industry and introduced for students from this academic year.
Signing of MOUs, Linkages with Pharmaceutical industries, educational institutes and NGOs.	MOUs, Linkages signed with pharmaceutical companies and institutes for the purpose of training, Sharing of research facility and Placement drive.
Systematize Certificate Course	The certificate course entitled Basic Microbiology Techniques completed by the Microbiology department
Initiated students for internship and training	Internships and Instrumentation training are completed by the P.G. Chemistry department.

Encourage department to organize subject expert lectures	02 University level lectures were arranged by the U.G. Chemistry department and 03 subject seminars were arranged by the P.G.Chemistry department.				
Develop programs to give thrust on social responsibility	NSS unit have organized society awareness and Local community affected programs.				
Promote sport competitions for improving physical health of students.	Students were participated in various inter college and inter university level competitions and achieved rank.				
No Files Uploaded !!!					
14. Whether AQAR was placed before statutory body ?	Yes				
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Name of Statutory Body</th> <th style="width: 50%;">Meeting Date</th> </tr> </thead> <tbody> <tr> <td>Himatnagar Kelavani Mandal, Himatnagar</td> <td>01-Apr-2019</td> </tr> </tbody> </table>		Name of Statutory Body	Meeting Date	Himatnagar Kelavani Mandal, Himatnagar	01-Apr-2019
Name of Statutory Body	Meeting Date				
Himatnagar Kelavani Mandal, Himatnagar	01-Apr-2019				
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No				
16. Whether institutional data submitted to AISHE:	Yes				
Year of Submission	2017				
Date of Submission	03-Sep-2017				
17. Does the Institution have Management Information System ?	Yes				
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	Information of research activities, committee reports and personal achievements of the faculties was received through Google form. Students and faculties are downloaded University mark sheets and used university examination papers on online base. College campus is equipped with CCTV camera system.. Physics department have designed their own educational web site for students. M.Sc. Admission was completed on online by the university. Data required by the university is sent by online. Finance, accounting and transaction with bank are conducted online. Biometric attendance system is applied for teaching and non teaching staff. Library is automated and uses				

software SOUL. Research publications and book publications are done in e version. Faculty uses power point projector in the classes for teaching purpose. SCOPE and DELL centers are available for students for computer knowledge.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

The College effectively plans and monitors the academic, co curricular and extension activities for the effective implementation during the year. Academic calendar is prepared from the calendar published by the University. The College, being an affiliated college, follows the syllabi prescribed by the HNGU, Patan. Every faculty member gives choices of the subjects and units as per their interest and expertise. The College is committed to imparting quality education in the field of basic sciences to create empowered, socially responsible youth to face the changing needs and time. So in the beginning of calendar year a meeting is held to design effective curriculum planning. The curriculum planning is made by IQAC, department meetings and individual preparation. We try our level best to provide maximum days of teaching in a calendar year. While planning the curriculum, due emphasis is given to the other components like instrumentation training, industrial visit, field projects, ICT enabled learning, personality attributes, values and social responsibilities. Implementation -Institution effectively plans and monitors the activities for the effective implementation of the curriculum. For well planned curriculum implementation, syllabus contents are delivered to students and it is monitored by Head of the Departments, IQAC convener, and Principal. End semester examinations are conducted to evaluate the performance of students. Continuous reviews of the students, progress of syllabus completion, better performance of students, curricular and co curricular activities are monitored in the department level meetings and by convener of the respective committees. Through the suggestion box the principal is informed if things are not going well with the students. Feedback received from stake holders is gainfully employed to strengthen curriculum planning and development. Instrumentation training, internships, project work, assignments, seminar sessions, problem solving, guest lectures are conducted throughout the year to create strong bridge between industry, faculty and institute.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
Industry Institute Interaction Program		15/06/2017	1	It will give employable capabilities of a knowledge based professional.	iii program can be considered as the platform for showcasing best industrial practices

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BSc		15/06/2018

1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BSc		15/06/2017
MSc		15/06/2017

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	22	0

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Chemical Plant Operator	01/05/2018	12
Basic Microbiology Techniques	08/01/2018	32
Use of Computer in Science Studies	17/01/2018	39

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
	MSc	44

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	No
Employers	No
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained
Feedback from students, alumni, and parents is proactively utilized for enhancing the overall development of the institution. The institute conducts student feedback process to improve teaching, infrastructure, and the entire learning experience for the students during their tenure through offline base

at the end of year for faculties and institute. This feedback is analyzed and solutions are sought through discussion. Every year, institution organizes alumni meeting. They interact with faculty members and students, sharing their knowledge with stake holders which make strong bridge for getting training, internships, placement, experts etc. These feedback suggestions are discussed in the staff meetings and corrective measures are implemented. The College organizes PTA meet once in a year. Valuable suggestions given by the parents are duly taken note. Necessary action is taken with respect to the grievances and valuable suggestions of the parents. The feedback of stakeholders is considered as a valuable source of information to measure their level of satisfaction.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BSc		380	1836	378
MSc		50	50	48

2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2017	1022	89	23	0	11

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
23	23	8	3	0	8

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

The institution follows a mentor mentee system effectively throughout the year. A batch of students is allotted to a mentor who closely monitors the academic progress of the mentees. The mentors keep track of the performance of the mentees. The mentor mentee relationship goes beyond the realm of only curriculum and syllabus and also encompasses the personal lives of the students. In order to improve performance of the students with respect to regularly attendance in theory and practical sessions, results, participation in activities, career and personal counseling the institution have designed mentoring system which makes strong bridge between faculties and students. In the beginning of the academic year different faculty members of various committees mentoring the students of Sem I for built a career in B.Sc. with different subjects, college facilities and also departmental activities. Students are allowed to approach the mentor for both academic and personal problems. They offer counseling regarding academic, examination, and career, curricular and also co curricular activities. The College faculties are mentoring the students for research activities as well as about their doubts of theory and practical curriculum. In the PG department students are mentoring about project work, problem solving, and seminars and for book review. Our star batch committee is mentoring high learners for achieving good marks in the university exam. Constraints: With the introduction of continuous assessment under the Semester System, time factor could be a constraint for mentors

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1111	23	1 : 48

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
23	19	4	4	15

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2017	Dr.B.S.Patel	Principal	Member of BOS ,HNGU ,Patan
2017	Dr.B.S.Patel	Principal	Election officer in HNGU University court
2017	Dr.B.S.Patel	Principal	Senate member of University court
2018	Dr.N.I.Patel	Associate Professor	Ph.D. Guideship

2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BSc	00	1	15/10/2017	21/02/2018
BSc	00	2	26/04/2018	11/06/2018
BSc	00	3	15/10/2017	01/02/2018
BSc	00	4	26/04/2018	21/05/2018
BSc	00	5	15/10/2017	26/02/2018
BSc	00	6	26/04/2018	25/05/2018
MSc	00	4	26/04/2018	19/06/2018

No file uploaded.

2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

As an affiliated institution, evaluation norms of the university are followed. College has adopted a method of assessing the academic performance of the students on a continuous basis. Semester examinations are held as per HNGU schedule at the semester end in U.G. and P.G. Classes. The evaluation process as adopted by the institution has two components, viz, 1. The Continuous Internal Evaluation 2. The End Semester Examination The ratio of weightage is 30 in CIE and 70 in ESE for UG for theory and 30 in CIE for each paper and 70 in ESE for PG. For effective implementation of ESE system at the institutional

level the institute conducts one pre university exams per course per semester. ESE marks are shown to students for transparency before the marks are forwarded to the examination department. CIE components includes MCQs, Home assignments, Practical, Viva voce at UG level as well as Problem solving, Book review, Subject seminar, Project work, Quiz and Practical exams at PG level. P.G. Students submit their internal evaluation report to their respective guides which evaluated for internal evaluation marks. The College encourages and guides students to participate in state, national, international level competitions, presentation organized by other institutions for evaluation of their research field interest.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

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, 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 like talk of alumni, parents meeting, instrumentation training, industrial visit, industrial training, NSS camp, Sports etc. More over examination committee scheduled internal theory and practical examination programs on the base of syllabus competition. Internal exams schedule is strictly followed on the month mentioned in the academic calendar.

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

<http://www.hnsbscihmt.org>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
	BSc		326	301	92
	MSc		40	39	98

2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

<http://www.hnsbscihmt.org>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Any Other (Specify)	1	College	0	0
No file uploaded.				

3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
General Laws and Act about Pharma Industries	Chemistry	17/03/2018
Brief Ideas about Patents	Chemistry	17/03/2018
Basic Information of Quality Control Parameters	Chemistry	23/12/2017

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Gold Medal in Chemistry	Patel Kinjal S	HNGU, Patan	26/02/2018	Student
State level Essay Competition(1st Rank)	Doi Bushra M	Girls Islamic Organization and SIO,Ahmedabad	04/02/2018	Student
State level Essay Competition (2nd Rank)	Patel Mansi M	Girls Islamic Organization and SIO,Ahmedabad	04/02/2018	Student
Poster Presentation	Solanki Dharmendra and Chauhan Kuldeep K	CHARUSAT and Education Times in Association with GUJCOST	25/02/2018	Student
Best Project Award,M.Sc.Sem II	Makadiya Richa R,Khanusiya Minhaz I et all	The H.N.S.B.Ltd .Sci.College,Hi matnagar	12/03/2018	Student
Best Project Award,M.Sc.Sem IV	Chauhan Kuldeep K et all	The H.N.S.B.Ltd .Sci.College,Hi matnagar	12/03/2018	Student
Best Seminar Award,M.Sc.Sem II	Memon Asefa I	The H.N.S.B.Ltd .Sci.College,Hi matnagar	12/03/2018	Student

3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
nil	nil	nil	nil	nil	15/06/2017

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
chemistry	0

3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Chemistry	6	4.07
International	Physics	3	2.35

3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Chemistry	5
No file uploaded.	

3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Synthesis and biological evaluation of pyrole derivatives bearing coumarine scaffolds	D.C.Patel	IJRMSL	2017	0	The H.N.S.B. Ltd. Science College, Himatnagar	0
Study of atomic force microscopy on tungsten diselenid single crystals doped by copper	M.N.Parmar	International j. of Research in Modern Engineering and emerging Technology	2017	0	The H.N.S.B. Ltd. Science College, Himatnagar	0
Utilization of biogas waste as nanoparticle liquid bio fertilizer, as a	P.V.Dholakia	International j. of Research in Modern Engineering and emerging Technology	2017	0	The H.N.S.B. Ltd. Science College, Himatnagar	0

byproduct and its application on plant growth and yield of white flower cabbage						
Utilization of fly ash in the field of rural agriculture	A.R.Saradva	Current Global Reviewer	2018	0	The H.N.S.B. Ltd. Science College, Himatnagar	0
Phytochemical, physicochemical, microbial screening of Ricinus communis leaves powder	K.V.Goswami	IRJC	2018	0	The H.N.S.B. Ltd. Science College, Himatnagar	0
Synthesis, spectral and biological evolution of 2,4 fluorophenyl, 1,3,4 oxadiazol, 2 y 1, 5 sulfanyl, 4 cyclohexylamino 6, arylamintriazine	S.P.Vyas	World J. of Pharmaceutical Research	2017	0	The H.N.S.B. Ltd. Science College, Himatnagar	0
Synthesis and characterization of new Schiff base derived from 2z, 1, 2, 4 dimethyl phenyl, 3, 4 hydroxy 3 methoxy phenyl prop 2 en	S.P.Vyas	Journal of Chemical and Pharmaceutical Research	2018	0	The H.N.S.B. Ltd. Science College, Himatnagar	0

1 one						
A rapid simple and efficient synthesis of 4H chromene 3 carboxylate	D.C.Patel	IJRMEET	2017	0	The H.N.S.B. Ltd. Science College, Himatnagar	0
Density oriented synthesis of pyrano 2,3,c pyrazole and their characterisation	D.C.Patel	IJRMSL	2017	0	The H.N.S.B. Ltd. Science College, Himatnagar	0
No file uploaded.						

3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
nil	nil	nil	2017	0	0	nil
No file uploaded.						

3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	1	7	9	5
Presented papers	10	6	1	1

3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Visit to Flooded Village, Morikha and donate 27000 Rs	The HNSB Ltd Science College, NSS	1	4
One week work shop in Morikha Village	The HNSB Ltd Science College, NSS	1	39
Paryavaran Shibir	Arts College, Androkha, NSS	0	2
Rural life darshan	HNGU Patan, NSS	0	2
Shanti Sadbhavna Shibir	Gujarat Vidyapith, NSS	0	4

Blood Donation Camp	HDFC Bank, S.S.Mehta Arts and Commerce College	2	2
Thalessamia Camp	Red Cross Society,Ahmedabad	2	195
2116 Rs Welfare Fund for Blind	The HNSB Ltd Science College,NSS	8	184
Welfare Fund on Armed flag day	The HNSB Ltd Science College,NSS	15	290
Marathon	The HNSB Ltd Science College,NSS	1	11
No file uploaded.			

3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
nil	nil	nil	0

3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
nil	nil	nil	0	0

3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Campus Interview	73	UDISHA, Ahmedabad	1
Instrumentation Training for PG	22	Students fee	2
Industrial Visit at HMT Detergents	24	Nil	1
Industrial Visit at Bayer Crops Science Ltd	23	Nil	1
Industrial Visit at Aashiana Paints	24	Nil	1
Blood Donation Camp	2	Nil	1
Thalessamia Camp	195	Students fee	1

3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
-------------------	----------------------	---	---------------	-------------	-------------

Educational	Internship	Yash Medicare Private Limited, Hajipur	15/06/2017	14/06/2018	Seven
Educational	Internship	Montage Laboratories Pvt Ltd, Dhandha	15/06/2017	14/11/2018	Five
Educational	Internship	Sanjar Pharma LLP , Dedhrota	15/06/2017	14/06/2018	Ten
Educational	Field Trip	H.M.T. Detergents, Himatnagar	15/06/2017	18/06/2018	Twentytwo
Educational	Field Trip	Aashiana Paints, Himatnagar	15/06/2017	14/06/2018	Twentytwo
Educational	Sharing of Research facility and Instrumentation training	SUPRA Drug and Food Testing and Research Laboratory, Himatnagar	15/06/2017	14/06/2018	Twentytwo
No file uploaded.					

3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Sakata Ink India Ltd. Panoli	15/06/2017	Placement	40
Nouveau Medicament(p) Ltd, Chennai	15/06/2017	Placement	10
Anchor Institute, DDU, Nadiade	15/06/2017	Placement	12
Montage Laboratories Pvt.Ltd,Dhandha	15/06/2017	Placement and Educational activity	5
Shehat Pharma Pvt.Ltd,Savgadh	15/06/2017	Industrial Training and Placement	0
Sanjar Pharma LLP, Dedhrota	15/06/2017	Industrial Training and Placement	10
Yash Medicare Private Ltd, Hajipur	15/06/2017	Industrial Training and Placement	7
Sir P.T.science College,Modasa	15/06/2017	Educational activities	32
Indian Red Cross	15/06/2017	Science and Society	197

Society, Himatnagar		Related Programmes	
Sheth M.N. Science College, Patan	15/06/2017	Educational activities	45
U.P.Arts and M.G.Panchal Science College, Pilvai	15/06/2017	Educational activities	0
S.M. Panchal Science College, Talode	15/06/2017	Educational activities	136
No file uploaded.			

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
25.69	25.69

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Class rooms	Newly Added
Laboratories	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added

4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
SOUL	Partially	2.0	2005

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	2550	223877	3	220	2553	224097
Reference Books	5261	1335890	190	81003	5451	1416893
Journals	8	15300	0	0	8	15300
CD & Video	319	0	0	0	319	0
Library Automation	1	15000	0	0	1	15000
No file uploaded.						

4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
nil	nil	nil	15/06/2017

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MGBPS)	Others
Existing	46		39		1	3	4	2	
Added	2		2					8	
Total	48	0	41	0	1	3	4	10	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

12 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
No Data Entered/Not Applicable !!!	

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
1.31	1.31	2.88	2.88

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

<p>The Governing Body takes direct initiatives in the maintenance and upkeep of infrastructure and supporting facilities in consultation with the Principal and the IQAC. The Principal and hired agency monitor the quality of maintenance of infrastructure and equipments. The classrooms boards and furniture facilities maintains regularly by the students and regular staff of the college. The maintenance and cleaning of the classrooms and laboratories are done with the efforts of regular support staff of the college. The College garden is maintained by the gardener Mr Devusinh Parmar from Green garden service, Himatnagar. CCTV security system is maintained by SAI Telecom, Himatnagr. Photocopier Machine is maintained by Skill Tech Office Automation, Gandhinagar Computers repairing and necessary assasories is supplied by Friends Computer, Himatnagar and Shrinath Computer Services, Himatnagar. Electricity work is completed by Mr.H.R.Ramlavat as per requirement of the institute during the year. Laboratory Instruments and Equipments service is completed by Suntech Enterprise Sales and Services, Ahmedabad. The Principal and the IQAC supervises and maintains all academic activities of the institution. Respective departmental HOD and faculty members maintain the academic records daily.</p> <p style="text-align: center;">http://www.hnsbscihmt.org</p>
--

CRITERION V – STUDENT SUPPORT AND PROGRESSION**5.1 – Student Support**

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	nil	0	0
Financial Support from Other Sources			
a) National	Postmetric scholarships	191	850900
b) International	Nil	0	0
No file uploaded.			

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
SCOPE	15/06/2017	257	KCG, Government of Gujarat, EDUCOMP
Industry Institute Interaction Programme	15/06/2017	22	The H.N.S.B. Ltd Science College, Himatnagar
Certificate Course on Use of Computer in Science Studies	17/01/2018	39	The H.N.S.B. Ltd Science College, Himatnagar
Certificate Course on Basic Microbiology Techniques	08/01/2018	32	The H.N.S.B. Ltd Science College, Himatnagar
Certificate Course on Chemical Plant Operator	01/05/2018	12	Anchor Institute, DDU, Nadiade
UDISHA	15/06/2017	73	KCG, Government of Gujarat, EDUCOMP
Mentor, Mentees Programme	15/06/2017	1111	The H.N.S.B. Ltd Science College, Himatnagar
Star Batch	15/06/2017	15	The H.N.S.B. Ltd Science College, Himatnagar
Minaxi Lalit Exam	17/09/2017	84	The H.N.S.B. Ltd Science College, Himatnagar
Communication Skills Management Seminar	04/01/2018	62	Shanti Business School, Ahmedabad
No file uploaded.			

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the

institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2017	Career Counseling	62	62	6	3

No file uploaded.

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
9	9	30

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
Sakata ink India Ltd, Panoli, GVK EMRI 108, Nouveau Medicament Ltd. Chennai	73	3	Nil		

No file uploaded.

5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2018	143	B.Sc.	Chemistry Microbiology	The HNSB Ltd. Science College, KSV, Gandhinagar, Mother Teresa Vocational MLT, Ganpat Uni. Kherva and other HEIs	M.Sc, MLT, B.Ed etc

No file uploaded.

5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg: NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
-------	---

Any Other

8

[View File](#)

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Youth Festival	University	6
Rangoli Competition	College	7
Spot Photography Competition	College	2
Drawing Competition	College	2
Basket Ball	Inter College	6
Chess	Inter College	3
Table Tennis	Inter College	2
Badminton	Inter College	3
No file uploaded.		

5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2017	nil	National	0	0	0	nil
2018	nil	International	0	0	0	nil

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

The student representative in various college committee for academic, co curricular and extension activities play a vital role in the coordination and cooperation in organizing college activities. Our College has different committees. We have selected student representatives from these committees. We have formed Students Representative Committee with the use of these members. We have also included college rankers in this committee. This committee is now known as student council. The student council of our college actively participates in different kinds of activities. They help in coordinating all the events related to curricular and extra co curricular activities done by various committees as per the given direction. They motivate students to take part in the activities, for tidiness and cleanliness of college campus, maintain college discipline and participation in NSS programme. They act as a bridge between faculty and students community. Contribution of the student Council in Academic Administration The council has always been encouraging the creative pursuit of students. Institute provides necessary support to the council members in smoothly organizing and coordinating events. We have selected student representatives from different Committees in Students Council Committee.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

246

5.4.3 – Alumni contribution during the year (in Rupees) :

7380

5.4.4 – Meetings/activities organized by Alumni Association :

Alumni meet was organized dated on 28 July 2018 by Alumni Committee. Total 36 members remained present in this meeting.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

1. At Principal Level, the management of college have 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. 2. At Faculty Level, faculty of the college are members of various committees and authority to conduct different programs to shine out their abilities. They are encouraged to develop their leadership skills by being a convener of various academic, Co curricular and extracurricular activities. Other units of the college like sport, NSS, store etc.have operational autonomy under the guidance of Principal and HOD. 3. At Admission Level our admission committee counsel prospective candidates for admission process, fee, availability of the courses and other inquiries related to college before the application form received from them. The members of admission committee cooperate and work better at different levels .They also sit in at interface meetings and meet parents and students prior to admission. 4. At Financial Level Financial Planning and Implementation: Departmental grants of the college are discussed with HODs of respective departments. The librarian prepares and plans for the book budget after discussion with the faculties of various subjects. 5. Infrastructure Level: Building committee of our college is assisting with the planning and execution of extension of the college and planning for infrastructure.

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Curriculum Development	The College is affiliated to the HemChandraacharya North Gujarat University, Patan and follows the curriculum scheme and syllabus of the affiliating university. All syllabi uploaded on College website for students to view. There have been efforts to design modules based on experimental learning, seminar, project work, problem solving, quiz etc are an integral part of the syllabi. Certificate course also introduced

<p>Teaching and Learning</p>	<p>The teaching learning process is monitored on regular basis at the department and college level. Majority of faculties used ICT. Our Physics department has designed their own educational website which helped students in various aspects. Teachers study materials like soft copy of PPTs slides are shared with students. PG department of Chemistry have allotted Seminar, Problem solving, Project work to the students and best project work and best seminar awards given to students for inspiration. Instrumentation training and industrial training was arranged to create awareness of industries among students</p>
<p>Examination and Evaluation</p>	<p>End Semester Examinations: One internal examination is conducted at the end of each semester. The end semester examinations of all odd and even semesters of UG and PG shall be held as per prescribed academic calendar of the university. It is compulsory to all students to submit assignments of all papers in UG classes. The marks of assignments and attendance also include in internal marks. Practical exams of B.Sc. Sem 1 to 4 are conducted by the college and B.Sc. Sem 5 and 6 should be conducted by the University. For semester 1 to 4 two examiners are appointed by college for evaluation and in semester 5 and 6 three examiners are appointed by University for evaluation process. In PG department internal evaluation done through exams, project work, problem solving, book review, seminar, quiz and practical exams</p>
<p>Research and Development</p>	<p>All the faculties and students are encouraged and their contributions in the form of publication of research articles and books. 09 research papers are published by faculties in the research journals. 10 research papers are presented in international level, 06 research papers are presented in national, 01 is presented in state level conferences by faculties. 05 books are published by faculties in different publications. The P.G. students are encouraged for mini research work. As a part from these students completed their minor research project work and best project work awarded by the institute.</p>

Library, ICT and Physical
Infrastructure / Instrumentation

Library: The College pays deep attention to facilities like Library, ICT, Physical Infrastructure and Instrumentation. The library is well equipped with reference books, text books and magazines. Our library is computerized using SOUL software. ICT: Physics department of the college have developed their own educational website for educational purpose. College run SCOPE centre to develop English proficiency in students. College also run DELL lab with computers and internet facility. Maximum students used this facility as a part of their study and familiar with global scenario of ICT facilities. College and departments are equipped with computers and internet facility, Academic presentations, in the form of PPTs, relevant online resources like books, journals etc. are also used as teaching aids. Physical Infrastructure and Instrumentations: The infrastructure of college is established by the management as per requirements and maintained. All laboratories are equipped with necessary instruments. 46 computers are available which includes 24 computers in DELL lab for students to access to internet which makes teaching learning more effective.

Human Resource Management

Faculties are always initiated for faculty development program, research oriented publication and participation. Most of the faculties members remain presents in various institutions as a Resource person, Subject expert in interview panel, Panel of Judge, Board of studies member, senior expert officer in LIC of new colleges, Member of academic council, Member of University court, etc.

Industry Interaction / Collaboration

The College has signed MOUs, Linkages and Collaborations with pharmaceutical industries, Research laboratory, Educational institute, NGOs and sincere efforts are made with respect to interaction, collaboration for training, visit, research activities, blood donation and thallemia test purpose. The eminent industrialists are invited to share the expertise in the seminar organized by the college. UG and PG students are allowed for an industrial trainings, visit and instrumentation trainings for getting

	more exposure in their core area of the study.
Admission of Students	A dedicated admission committee is available which guides students and parents throughout admission process. The College ensures wide publicity and transparency in the admission process through prospectus. Prior to the results of Higher Secondary examinations, counseling inside the college helps the parents and students to enquire information about the range of courses, eligibility criteria and process of admission as well as academic support facilities. Admission process in UG and PG classes completes as per university guidelines.

6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
Finance and Accounts	Payment of staff salary to interns electronically. The office uses Admission and fee management software for fee monitoring, students data base, and finance and account purpose.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2017	Dr.K.V.Goswami	Recent Innovation in Science and Workshop on Spectroscopy and its Perspectives	UGC	1450
2017	Dr.M.P.Tintisara	Faculty Development Programme	UGC	400
2017	Dr M.A. Patel	One day state level workshop on chemistry curriculum	UGC	700
2017	Dr N.I.Patel	One day state level workshop on chemistry curriculum	UGC	700
2017	Dr.S.S.Andher	One day state level workshop on chemistry	UGC	600

		curriculum		
2017	Dr.S.S.Andher	Faculty Development Programme	UGC	400
2017	Dr.M.N.Parmar	Recent Innovation in Science and Workshop on Spectroscopy and its Perspectives	UGC	1550
2017	Dr.J.S.Patel	Faculty Development Programme	UGC	400
2017	Dr. H.K.Patel	One day state level workshop on chemistry curriculum	UGC	700
2017	Dr. K.P.Damor	One day state level workshop on chemistry curriculum	UGC	700
2017	Dr.Z.M.Gadhawala	Recent Innovation in Science and Workshop on Spectroscopy and its Perspectives	UGC	1450
2017	Dr.Z.M.Gadhawala	National Seminar on Spectroscopy and Stereo Chemistry	UGC	600
2017	Dr.S.P.Vyas	One day state level workshop on chemistry curriculum	UGC	700
2017	Dr.S.P.Vyas	Recent Innovation in Science and Workshop on Spectroscopy and its Perspectives	UGC	1650
2017	Dr.K.V.Goswami	One day state level workshop on chemistry curriculum	UGC	700
No file uploaded.				

6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2017	nil	nil	15/06/2017	14/06/2018	0	0

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Faculty Development Programme	2	19/06/2017	24/06/2017	6
Faculty Development Programme	1	08/01/2018	13/01/2018	6
Faculty Development Programme	1	30/04/2018	05/05/2018	6
Empanelled Training Programme	1	17/01/2018	12/02/2018	27
No file uploaded.				

6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
19	23	17	17

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Loan facility from Credit Society, D.L.for attending seminars,Conferences.	Loan facility from credit society, Uniform, 5 gm gold as a staff cintribution to staff on the occasion of farewell.	Accommodation facility, NSS, Library books, Schloraships, Placement, etc.

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

External Financial Audit of the College is done by P.P.Patel and Sons, Himatnagar.
--

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
No Data Entered/Not Applicable !!!		

No file uploaded.

6.4.3 – Total corpus fund generated

00

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No		No	
Administrative	No		No	

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

1.The institute call PTA meeting once in a year. 2.Parents are encouraged to meet the faculty any time. 3.Parents are called by Principal or faculty in case of lecture shortage, behavioral problems, or any other problems related to their wards.

6.5.3 – Development programmes for support staff (at least three)

Orientation Programme for Supporting Staff

6.5.4 – Post Accreditation initiative(s) (mention at least three)

More medals and prizes are to be provided to the rank scholars of different courses Internship during vacation in industries or R and D labs be arranged for PG students The best project in M.Sc. courses may be identified for award of prizes

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	No
c)ISO certification	No
d)NBA or any other quality audit	No

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2017	Industry Institute Interaction Program	15/06/2017	15/06/2017	14/06/2018	22
2018	Value Added Course on Chemical Plant Operator	01/05/2018	01/05/2018	30/07/2018	12
2018	Value Added Course on Use of Computer in Science Studies	17/01/2018	17/01/2018	12/02/2018	39

2018	Value Added Course on Basic Microbiology Techniques	08/01/2018	08/01/2018	23/01/2018	32
------	---	------------	------------	------------	----

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
nil	15/06/2017	14/06/2018	0	0

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
Plantation Driven, Dustbins are installed at various places, Switch off lights and fans when not in

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Ramp/Rails	Yes	2
Rest Rooms	Yes	535

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2017	1	1	20/09/2017	1	Fund collection on blind day	Cooperate to blind community	192

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Annual Report and Admission Prospectus for Faculties, Parents and Students	15/02/2018	The code of student conduct is applicable to every students enrolled in the college. As Students are members of the college campus, they have a substantial interest in the governance of College. The code, policies and the varied procedures laid down herein intends that the principle of

student involvement in governance in both administrative and academic site. There for all students who are a part of the college and who are going to be enrolled in the institute is advised to uphold the policy and inform the college of any violations and assist individually and collectively to improve the quality and effectiveness of this code and appended policies. The code of conducts strictly regulated by the College Disciplinary Committee.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Funds collection for blinds on Blind day (Kindness)	20/09/2017	20/09/2017	192
Armed Forced Flag Day Donation (kindness)	17/03/2018	17/03/2018	205
Visit to Flooded Village, Morikha	24/08/2017	24/08/2017	5
Paryavaran Shibir	16/01/2018	17/01/2018	2
Shanti Sadbhavna Shibir	06/06/2018	11/06/2018	4
Blood Donation Camp	09/12/2017	09/12/2017	4
Lectures on Value Oriented Education (sem 3)	15/06/2017	31/10/2017	313
Lectures on Human Rights (sem 4)	01/12/2017	28/02/2018	306
Lectures on Indian Constitution (sem5)	15/06/2017	31/10/2017	331

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

Waste Management in Chemistry and Microbiology Laboratory: In Chemistry Lab through Chemical waste Pail, Regular Garbage, Broken Glass Tote. In microbiology adopted standard waste management system which include waste segregation
Plastic Free Campus: Disposal of Plastics materials not allow in college premises.
Tree Plantation : Tree plantation driven by NSS unit in our college.
Botanical Garden: Botanical garden maintains by botanical department with name

of plants.

Rain Water Storage: The College have big size underground tank for rain water storage which is useful for chemistry practical's purpose during whole year

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. Industry Institute Interaction Programme 2. Value added Course on Chemical Plant Operator

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<http://www.hnsbscihmt.org>

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

The institute provides holistic education to develop skills knowledge and values through well structured curriculum and instructions. The vision of the institute focuses on the best education and research environment to create the excellence science graduates with the skills of practical use for the next generation. In order to provide excellent soft skills to the students, institute has been conducting seminars with the help of eminent resource persons, who have good expertise in this area. Certificate and Value Added Course: The Institute started certificate course of Industry Institute Interaction Programme. Also the institute successfully completed value added courses like Chemical Plant Operator, Basic Microbiology techniques and Use of Computer in Science Studies. Internship, Training and Placement: Internships, Industrial visits, Instrumentation and Industrial training and placement activities are well designed by the UDISHA. Through this type of activities make students readily acceptable to the corporate world and promote entrepreneurship. Participation of students in Cocurricular activities and extracurricular activities helps to enhance all rounded personality to strongly face the turbulent road of the future. With the trust of academic excellence, Institute motivates and support students to participate in various State, National and International level seminars. Consistent Participation and evidences of success proves distinctiveness of the institute across the science community. Encourage students towards research and innovation practices. Apart from UG and PG students are also encouraged and given opportunity to get involved in research driven. NSS: The student NSS wing is active in order to imbibe strong social values in our students mind NSS activities train the students in social values like honesty, concern for others etc.

Provide the weblink of the institution

<http://www.hnsbscihmt.org>

8. Future Plans of Actions for Next Academic Year

1. To sign MOUs with industries to get industry sponsored projects, internships, training of students and placement. 2. To start certificate and value added courses. 3. Inspire students to achieve University rank. 4. To inspire students and faculties to achieve honors at different levels 5. To promote research culture among the departmental faculties as well as students. 6. Initiate faculties and students to participate in national and international seminars, conferences, FDP 7. Encourage students for instrumentation training, industrial training or any other training programs related to their subjects. 8. To start skill development programs to produce industry supported stake holders.

