



Yearly Status Report - 2014-2015

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	manoj.5870@gmail.com
Address	College campus, Motipura, NH-8, Himmatnagar, Gujarat, 383001
City/Town	Himmatnagar
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 N Parmar
Phone no/Alternate Phone no.	94270793247
Mobile no.	9427079324
Registered Email	scihmt@yahoo.co.in
Alternate Email	manoj.5870@gmail.com

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://www.hnsbscihmt.org/upload/naac/AQAR2013-14.pdf
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4. Whether Academic Calendar prepared during the year	Yes
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if yes,whether it is uploaded in the institutional website: Weblink :	http://www.hnsbscihmt.org/upload/naac/Academiccalendar14,15.pdf
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5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	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
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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 meetings	20-Jun-2014 1	16
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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
College	Establishment of Red Ribbon club	Gujarat state aids control society	2014 2015	86000
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?

Yes

If yes, mention the amount

300000

Year

2013

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

1. Initiated the faculties for submission of Minor, Major research projects and for Ph.D. guide ship. 2. Inspired the faculties and students for research publications and participation in State, National, International level seminar. 3. Workshop for faculties, Administrative staff, Alumni and Parents. 4. Inspired the students for instrumentation and industrial trainings for their better career opportunities. 5. Inspired the faculties and students to arrange and participate in the career oriented programme as well as placement activities.

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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	Achievements/Outcomes
Initiated Offering Honors for Best Seminar Award and Best Project Award for P.G.Students.	Best seminar award and best project award given to the students of P.G. for their inspiration at the end of even semester with keep in mind suggestion given by NAAC team.
Prepare a Academic Calendar for Curiculler, Cocuriculler and Extension activities	Meetings are conducted to ensure follow up and implementation with respect to Academic Calendar. The minutes of these meetings are mentioned by different committees for reference.
Offered Training in SCOPE Program.	Our College runs a centre of Society for Creation of Opportunity through Proficiency in English. 182 candidates from Staff and Students enrolled. In this examination 154 students passed with A level and 4 staff members passed with B level.
Initiated Students for ICT base course through DELL.	Our College is awarded grant for establishment of Digital Education Language Laboratory for the benefit of students from Government of Gujarat. Maximum students used this lab as a part of their study and familiar with global scenario.
Organized Seminar for Faculties and Students for their better progress.	One seminar organized on IPR Policies and Procedures and Two seminar arranged for students entitled Awareness about Pharmaceutical Industries and for Career Guidance.
Inspired Students to participate in State, National, International level seminar.	Due to motivation of IQAC, our UG and PG students attended and participated Regional, State, National and International level conferences and presented research articles.
Signing of Memorandum of Understanding with the different Pharmaceutical Industries and Educational Institutes.	09 MOU signed with different pharmaceutical companies and institutes for the purpose of instrumentation training, Industrial training and Placement drive.
Encourage Faculties to apply for research project and participate in seminar, workshop, symposia, training and for publish research articles.	Due to motivation of IQAC and Research Committee, our 04 faculty members have submitted their MRP proposal to UGC. The faculties have been showing keen interest in updating their research knowledge by attending and participating in various seminars
Encourage faculty to apply for Ph.D. guide ship, registration for Ph.D. work.	Due to encouragement of IQAC, our faculties have received Ph.D. guide ship from different Universities. 03 Ph.D. awarded and 09 Ph.D. registered

	students (till today). Registration for Ph.D. work by our faculty is 02
Initiated students for ICT training	Dell Lab. Organized 10 days Computer course entitled computer Application in Science Studies during 28th Jan to 10th Feb 2015. In this program 26 students were participated and upgraded their ICT knowledge required in the field of Science.
Initiated students for Industrial training and Instrumentation training	The P.G. Chemistry department arranged one Industrial training program in different Pharmaceutical Industries and organized Sophisticated Instrumentation Training Program and U.G. Chemistry department organized HPLC training program.
Encouraged departments to organize various level seminar, workshop, talk to benefit students and faculties.	The Library department of our college and Gujarat Granthalaya Seva Sangh, Ahmedabad, jointly organized 5th National and 31st Library work shop. The P.G. Chemistry department organized expert talk for M.Sc students.
Organizing Career oriented program for students	Our students participated in the UGC sponsored Career and Counseling Cell, Himatnagar, during 15th Aug, 2014 to 2nd Feb, 2015 in Mind Charge Work Shop on Various Competitive Exams. The Botany department organized University level talk for B.Sc. student
Develop programs to give thrust on social responsibility	Our NSS unit organized different society awareness program like Cleanliness, Swatch Bharat Mission, Fund collection for blind, Blood donation camp, AIDS awareness, Thalesamia Camp, Run for Unity and one week NSS camp at Dalpur village.
Promoted sport competitions for improving physical health as well as for developing sportsman spirit among our students.	At University level inter college competitions are arranged. 46 Students participated in Table Tennis, Volley ball, Cross country, Athletics etc at different levels. In Cricket Barot Deep R is selected for Inter University Team at Bhopal.
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.
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14. Whether AQAR was placed before statutory body ?	Yes
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Name of Statutory Body	Meeting Date
Himatnagar Kelavani Mandal	21-Dec-2018
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	2014
Date of Submission	30-Sep-2014
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)	M.Sc. admission is online by university. Data required by the university is sent online based. Staff informed through social media. Finance, accounting and transaction with bank is conducted online. Bio metric attendance system for teaching and non teaching staff. Library is automated and uses the software SOUL. Institutional email system is useful for general use. Research publications and book publications in e version. Faculty uses power point projector in the classes for teaching purpose. SCOPE center available for students for online exam. DELL center also available 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 H.N.S.B.Ltd.Science College is affiliated to Hemchandracharya North Gujarat University, Patan was started to serve the rural and urban student community from the year 1993.It is the youngest grant in aid college in the university. The college adheres to the guidelines laid down by the university. We try our level best to provide 229 days of teaching and examinations in an academic calendar. The IQAC committee designed academic and curricular planning for academic year. The institute follows a specific time table program for effective delivery and transaction of the theory and practical curriculum. With effect from academic year 2011, the University has implemented the CBCS system in B.Sc.and M.Sc.Courses. The syllabus of all subjects is completed timely. Progress and evaluation of the syllabus and any overcoming hurdles if any in

achieving output are discussed in the departmental meetings. The internal examination carried out as mentioned in academic calendar. College examination results are displayed on notice board as earlier possible. Apart from these the college adheres to the sports, training, NSS camp and cultural program framed by the college. Guest lectures are arranged as per requirements to create interface between Industry, teaching and the students. Project work, Problem solving, Seminar, Book review, and Quiz session arrange in the P.G.department. The College in keeping with the vision frames its program that are developed with relevance to local, regional, national and global needs so as to make students employable and to meet the current requirements of the industry.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employability/entrepreneurship	Skill Development
Computer Application in Science Studies	Computer Application in Science Studies	28/01/2015	12	It will support the employability and career development to our students	students are benefited with the knowledge of various competitive exams.

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
No Data Entered/Not Applicable !!!		

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
No Data Entered/Not Applicable !!!		

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

	Certificate	Diploma Course
Number of Students	26	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
Career Guidance Course	11/08/2014	48

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BSc		345
MSc		28

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
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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
Our institute obtained feedback of various stake holders as per schedule designed. The institute collects offline feedback from the student community at the end of the year for faculties and institute. This feedback is analyzed and solutions are sought through discussion. Alumni Feedback is collected during the alumni meet on offline base. The college alumni members suggest suggestions about the curriculum keeping in mind present scenario of education and industries. These suggestions are evaluated by alumni committee and implemented to the extent possible. The College organizes parents teacher meet once in a year. Valuable suggestions given by the parents are duly considered. Necessary actions are taken with respect to the grievances and valuable suggestions of the parents.

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		354	0	329
MSc		40	0	34

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
2014	892	67	22		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
22	22	8	1	0	8

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

In the beginning of the academic year, faculty members of various committee mentoring the students of Sem-I about career in B.Sc.with different subjects, college facilities and also departmental activities of the institution. There is an assignment submission system in some departments where faculties act as academic mentors. They offer counseling about academic, examination, and career, curricular and also co curricular activities. The college
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faculties also mentoring the students for research activities as well as about their doubts of theory and practical curriculum. Our star batch committee also mentor bright students for best performance in the university exams. In PG department of chemistry all students are allotted to respective mentors.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
959	22	1 : 44

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	22	1	2	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
2015	Dr.Z.M.Gadhawala	Associate Professor	2nd Prize
2014	Dr. M.P.Tintisara	Associate Professor	Ph.D.Degree Awarded

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	nil	Sem VI	25/04/2015	25/04/2015
MSc	nil	Sem IV	25/04/2015	25/04/2015

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

The college is affiliated to Hemchandraacharya North Gujarat University, Patan adheres to the syllabus prescribed by the University. Academic calendars clearly specify the date and time of various academic events to take place during the academic session should be notified prior to the commencement of the academic session. 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 etc. 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 test per course per semester.ESE marks are shown to students for transparency before the marks are forwarded to the examination section. CIE components includes MCQs, Quiz competition, Home assignments, Lab exercise, Practical, Viva voce, Instrumentation training, and Field visit at UG level as well as Problem solving , Book review, Subject seminar, Project work, Quiz , Lab exercise and Practical 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

completion, 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 College ensures effective time management through its academic calendar. It receives the university given timeline and adhered to it. In the beginning of the academic year, academic calendar is published by the University. The college carries out effective planning to follow university academic calendar and prepares its own academic calendar for examination schedule and other curricular and co-curricular activities. The college has designed various committees to adhere the examination schedule as well as various competitions at college level and university level. Keeping in mind academic calendar, the various committee members plan different activities for stake holders viz. 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 programme after competition of syllabus. The students are given enough time before the examinations for preparation and practice. All the curricular, co-curricular activities are monitored by IQAC that its timely occurs or not. In case of any required change, the university communicates the modification to the college and the college enforces the same.

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/upload/naac/po.pso.co_of_college_2014-15.pdf

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
Nil	BSc		261	237	91
Nil	MSc		34	30	88

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/upload/naac/feedback2014,15.pdf>

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
No Data Entered/Not Applicable !!!				

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
No Data Entered/Not Applicable !!!		

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
Regional level Poster Competition	Shah Niyati Rathod Hemangini Shah Megha	Sir P.T.science College, Modasa	20/02/2015	Student
Regional level Poster Competition	Vanzara Vicky Raval Krunali	Sir P.T.Science College, Modasa	20/02/2015	Student
National level Poster Presentation	Dr.Zakir M.Gadhawala	Sheth M.N.Science College, Patan	28/02/2015	Faculty
National level Poster Presentation	Malviya Arun Patel Piyush	Sheth M.N.Science College, Patan	28/02/2015	Student
State level Cartoon Competition	Chauhan Aarti P	Pramukh Swami Sci.	22/02/2015	Student
Ph.D. Award	Dr.M.P.Tintisara	HNGU, Patan	25/06/2014	Faculty
Best Project Award	Malviya Arun R	The H.N.S.B.Ltd .Sci.College, Himatnagar	16/03/2015	Student
Best Project Award	Patel Sagar J Patel Pragnesh M	The H.N.S.B.Ltd .Sci.College, Himatnagar	16/03/2015	Student
Best Seminar Award	Malviya Arun R	The H.N.S.B.Ltd .Sci.College, Himatnagar	05/02/2015	Student
Best Seminar Award	Sisodiya Priyamsinh B	The H.N.S.B.Ltd .Sci.College, Himatnagar	05/02/2015	Student

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

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
No Data Entered/Not Applicable !!!					

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
No Data Entered/Not Applicable !!!		

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

Name of the Department	Number of PhD's Awarded
Physics	2

Botany	2
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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	29	1.86
International	Physics	7	4.92
International	Botany	3	5.46

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	7
Botany	3
Physics	0
Library	1

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, Characterization and Spectral Studies of Schiff bases derived from Acetophenonech.	Z.M.Gadhawala , Rizwan M. Doi	World J. of Pharmaceutical Research,	2015	0	The H.N.S. B.Ltd Science College, Himatnagar	0
A study of suggested Formula of Specific Refraction	Andher Subhash S, Z.M.Gadhawala .etall	Research J. of Physical sciences	2014	0	The H.N.S. B.Ltd Science College, Himatnagar	0
Synthesis ,Characterization and Spectral Study of some novel Schiff bases	D.P.Pandya Z.M.Gadhawala	World J. of Medicine	2014	0	The H.N.S. B.Ltd Science College, Himatnagar	0
Refractometric study of the binary	K.P. Damor, S. P. Vyas, K. V.	Journal of Chemical and Pharmaceutical	2014	0	The H.N.S. B.Ltd Science College,	0

mixture of benzene and carbon tetrachloride	Goswami	Research			Himatnagar	
Studies of Derived Specific Refractive Index Formula for Binary Organic Mixture and Compare with Lorentz and Lorenz Formula	K.P. Damor, S. P. Vyas, K. V. Goswami	IOSR Journal of Applied Chemistry	2014	0	The H.N.S. B.Ltd Science College, Himatnagar	0
The Rapid Synthesis of Novel Schiff-Base Without Solvent Under Microwave Irradiation	S. P. Vyas	World Journal of Pharmaceutical Research	2015	0	The H.N.S. B.Ltd Science College, Himatnagar	0
A study of suggested formula of Specific Refraction	S. S. Andher, Z. M. Gadhawala M. R. Chavda and H. D. Joshi	Research Journal of Physical Sciences	2014	0	The H.N.S. B.Ltd Science College, Himatnagar	0
Verification of suggested formula of specific refraction by homologous alcohol series at 30°C	S. S. Andher	Journal of Chemical and Pharmaceutical Research	2015	0	The H.N.S. B.Ltd Science College, Himatnagar	0
Verification of suggested formula of specific refraction by	S. S. Andher	Journal of Chemical and Pharmaceutical Research	2015	0	The H.N.S. B.Ltd Science College, Himatnagar	0

different temperatures						
Refractometric study of the binary mixture of Benzene and Carbon tetrachloride	K.P.Damor, K.V.Goswami and S.P.Vyas	Journal of Chemistry and Pharmaceutical Research	2014	0	The H.N.S. B.Ltd Science College, Himatnagar	0
Study of derived Refractive Index formula for binary organic mixture and compare with Lorentz and Lorenz formula	K.P.Damor, S.P.Vyas and K.V.Goswami	Journal of Applied Chemistry	2014	0	The H.N.S. B.Ltd Science College, Himatnagar	0
Use Of Lead Sulphide in Solar Desalination	Dr.S.G.Patel	Journal of chemical and Pharmaceutical Research	2015	0	The H.N.S. B.Ltd Science College, Himatnagar	0
Verification of Specific Refraction and Molar Refraction for Homologous Alcohol Series at 300 C by Suggested Formula.	Dr.S.G.Patel	Advance in Applied Science Research, PLAGIA Research Library	2015	0	The H.N.S. B.Ltd Science College, Himatnagar	0
Phsico Chemical Study of Ground Water in Rural Area of Sabarkantha District of North Gujarat,	Dr.S.G.Patel	Journal of Chemical, Biological and Physical Sciences	2015	0	The H.N.S. B.Ltd Science College, Himatnagar	0

India.						
Refractometric study of some binary mixture of benzene and carbon tetrachloride	K.V.Goswami	JOCPR	2014	0	The H.N.S. B.Ltd Science College, Himatnagar	0
Studies of derived specific refractive index formula for binary organic mixture and comparison with Lorenz and Lorentz formula	K.V.Goswami	IOSR	2014	0	The H.N.S. B.Ltd Science College, Himatnagar	0
Functionalization of Polymers using CALB Catalysis	D.C.Patel	IJSRSET	2014	0	The H.N.S. B.Ltd Science College, Himatnagar	0
Synthesis of Pyrimidine, Pyran, and Pyrimidines Derivatives and their Biological Evaluation and Molecular Docking Studies as Potential CDK,1 and GSK,3 Inhibitors	D.C.Patel	IJSRSET	2014	0	The H.N.S. B.Ltd Science College, Himatnagar	0
Synthesis of 1,2,4 triazolo 1,5a Pyrimidines Derivatives as Antimicrobial Agents	D.C.Patel	IJRMEET	2015	0	The H.N.S. B.Ltd Science College, Himatnagar	0

An efficient Synthesis Pyrano 2,3,c Pyrazole Derivatives and their antimicrobial evaluation	D.C.Patel	IJRMP	2015	0	The H.N.S. B.Ltd Science College, Himatnagar	0
Synthesis and Characterization of Diverse Pyrole Derivatives Clubbed with Coumarin	D.C.Patel	IJRMP	2015	0	The H.N.S. B.Ltd Science College, Himatnagar	0
New derive formula to calculation of dielectric constant at various temperatures for water.	N.I.Patel	J. of Chemical and pharmaceutical research	2015	0	The H.N.S.B. Ltd. Science College, Himatnagar	0
An application of suggested formula of specific refraction for binary Methanol water system at 300.15k	M.R.Chavda	Journal of chemical and pharmaceutical research	2015	0	The H.N.S.B. Ltd. Science College, Himatnagar	0
Neutron Induced Effects in Bipolar Junction Transistor	J.M. Chaudhari, M.N.Parmar	The International Multidisciplinary Journal	2015	0	The H.N.S.B. Ltd. Science College, Himatnagar	0
Activation Energy of Electrical Conductivity of Some Binary Crystal	V.D.Patel, M.N.Parmar, K.R.Patel, K.P.Patel	International Journal of Scientific Research	2015	0	The H.N.S.B. Ltd. Science College, Himatnagar	0
Low Temper	P.V.Dholak	Internatio	2014	0	The	0

ature Geothermal Power Generation Organic Rankin Cycle A Review	ia	nal Journa lational of Scientific Research in Science, E ngineering and Technology			H.N.S.B. Ltd. Science College, Himatnagar	
Gas Sensing Properties of Nanostr ucture ZnO , A Review	P.V.Dholak ia	Internatio nal Journa lational of Scientific Research in Science, E ngineering and Technology	2014	0	The H.N.S.B. Ltd. Science College, Himatnagar	0
Colossal Electro resistance and Resistive Switching in Magnite Based Hetero structures , A Review	P.V.Dholak ia	Internatio nal Journa lational of Scientific Research in Science, E ngineering and Technology	2014	0	The H.N.S.B. Ltd. Science College, Himatnagar	0
Utilizatio n of Fly Ash in Sus tainable and Ecofri endly Fal- G Bricks	A.R.Saradv a	IJSRSET	2014	0	The H.N.S.B. Ltd. Science College, Himatnagar	0
An Overviews of Gamma Ray Detector, A Review	Anil R.Saradva	IJSRSET	2014	0	The H.N.S.B. Ltd. Science College, Himatnagar	0
Sustainabl e Renewable Solar- Energy by Solar Panels and Photovolta ic System	Anil R.Saradva	IJSRSET	2014	0	The H.N.S.B. Ltd. Science College, Himatnagar	0
Characteri zation of	Anil R.Saradva	IJSRSET	2014	0	The H.N.S.B.	0

Eu3Doped Yttrium Aluminium Garnet Nanocrystals, A Review					Ltd. Science College, Himatnagar	
Statistical derivation of new formula of specific refraction for organic compounds	Dr.H.K.Patel	Journal of chemical and Pharmaceutical Research	2015	0	The H.N.S.B. Ltd. Science College, Himatnagar	0
A Comparative study of Specific refraction for some organic binary liquid mixture between Lorenz and Lorentz and suggested formula	Dr.H.K.Patel	Der Pharma Chemica	2015	0	The H.N.S.B. Ltd. Science College, Himatnagar	0
Verification of Specific refraction and molar refraction for Homologous Alcohol series at 30°C by Suggested formula	Dr.H.K.Patel	Advances in Applied Science Research	2015	0	The H.N.S.B. Ltd. Science College, Himatnagar	0
An application of derived new formula for Specific Refraction to binary Mixture of methanol	Dr.H.K.Patel	World Journal of Pharmaceutical Research	2015	0	The H.N.S.B. Ltd. Science College, Himatnagar	0

and water at 300K						
Physico chemical study of ground water in rural area water, Sab arkantha district of North Gujarat	Dr.H.K.Patel	Journal of chemical, Biological and Physical Sciences	2015	0	The H.N.S.B. Ltd. Science College, Himatnagar	0
New derive formula to calculation dielectric constant at various temperatures for water	Dr.M.A.Patel	Journal of chemical and Pharmaceutical Research	2015	0	The H.N.S.B. Ltd. Science College, Himatnagar	0
Ethano, Therapeutic Remedies for bone fracture, dang, Gujarat. India.	Dr. M.M.Prajapati	IOSR Journal of Pharmacy and biological sciences	2014	0	The H.N.S.B. Ltd. Science College, Himatnagar	0
Observation on folk medicinal plants used by the inhabitant tribal in bhiloda forest area of Arvalli district, north Gujarat , India	Dr.M.P.Tintisara	Life sciences leaflets	2015	0	The H.N.S.B. Ltd. Science College, Himatnagar	0
Plant used in ethno veterinary medicine by the tribes of Bhiloda, East forest	Dr.M.P.Tintisara	Life sciences leaflets	2015	0	The H.N.S.B. Ltd. Science College, Himatnagar	0

range of District Aravaali, Gujarat, India.						
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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
No Data Entered/Not Applicable !!!						

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

Number of Faculty	International	National	State	Local
Resource persons	1	0	0	4
Attended/Seminars/Workshops	2	7	8	8
Presented papers	7	12	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
Instrumentation training of PG chemistry students	Sheth M.N.Science College, Patan	3	18
independence day celebrationay	NSS	11	150
Instrumentation training of UG chemistry students	Supra F and D Testing and Research Lab, Himatnagar	1	74
IPR Policies and procedures.	IQAC	16	0
Gardichair Abhimanu Award	Hemchandra Acharya North Gujarat University, Patan	1	132
Oral Presentation	Gyandhara, Committee	1	8
Regional Level Poster Presentation	Sir P.T.Science College, Modasa	1	48
Talk on Pharmaceutical Industries	Kepler Health Care, Ahmedabad	3	109

Mahatma Gandhi and Safai And Drawing Competition	NSS	1	11
Blood Donation Camp	HDFC Bank	2	86
AIDS Awareness Talk	Red Cross	2	250
Thalessamia Camp	Red Cross Society, Ahmedabad	2	193
Teachers day celebration	NSS	2	15
Participation in Celebration of State level NSS day at Patan	Hem.Acharya N.G.Uni.Patan	0	7
Industrial Training of PG Chemistry Students	Different Pharmaceutical Industries	1	28

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
Blood Donation	Appreciation Award	HDFC BANK	86

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
Swatch Bharat Mission	NSS	Sankalp Patra filled by students and Drawing Competition	2	311
World AIDS Day Celebration	NSS	Drawing Competition AIDS Awareness Lecture	5	257
Run for Unity	NSS	31/10/2014 Run with Citizens	2	25

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
Blood donation camp.	Eighty six	HDFC Bank, Himatnagar	1
Thamessamia camp	One hundred and ninty three.	Students	1
National Work shop.	One hundred fifty	Gujarat Granthalay seva sang.	3

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	Industrial Training	Hexone Interchem Pvt.Ltd,Himmatnagar	19/12/2014	24/12/2014	four
Educational	Industrial Training	Hexone Interchem Pvt.Ltd,Himmatnagar	22/12/2014	28/12/2014	five
Educational	Industrial Training	Montage Laboratory,Himmatnagar	18/12/2014	26/12/2014	seven
Educational	Industrial Training	Bayer Crops Science,Himmatnagar	01/01/2015	07/01/2015	four
Educational	Industrial Training	Pulse Pharma Mfg.Co.Himmatnagar	25/12/2014	29/12/2014	seven
Educational	Industrial Training	Dishman Pharma,Ahmedabad	23/12/2014	29/12/2014	one

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
Rumi English High School,Himmatnagar	15/06/2014	Placement	5
Sir P.T.Science College,Modasa	15/06/2014	Educational Activities, Faculty And Students Exchange	32
Indian Red Cross Society,Himmatnagar	15/06/2014	Science and Society Related Programmes	281
Sheth M.N.Science College,Patan	15/06/2014	Educational Activities, Faculty And Students Exchange	21
U.P.Arts and M.G.Panchal Science College,Pilvai	15/06/2014	Educational Activities, Faculty And Students Exchange	0

Shehat Pharma Pvt.Ltd,Savgadh	15/06/2014	Industrial Training	0
Pulse Pharma Mfg.Co,Savgadh	15/06/2014	Industrial Training,Placement	31
Advance Analytical Research	15/06/2014	Instrumentation Training,Placement	88
Montage Laboratories Pvt.Ltd,Dhandha	15/06/2014	Industrial Training, Placement	26

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
No Data Entered/Not Applicable !!!	

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar halls with ICT facilities	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	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 patially)	Version	Year of automation
SOUL	Partially	2.0	2005

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Journals	7	12200	0	0	8	12200
Text Books	2136	187633	142	13409	355	26589
Reference Books	4570	113039	380	107939	837	22096
CD & Video	186	0	0	0	186	0

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
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No Data Entered/Not Applicable !!!

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	2	7	2	
Added									
Total	46	0	39	0	1	2	7	2	0

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

2 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
0.7	69968	1.04	104437

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)

Annual Service Contract of Xerox Machine is given to Skill Tech Office Automation, Gandhinagar. Up gradation of the computer systems is generally done as per requirements of each department. To fulfill the emergency demands system up gradation, antivirus upload is carried out keeping in mind the need of update, deployment and maintenance of computers in the institution. Hardware and software maintenance of computers and other ICT accessories was done by Friends Computer, Himmatnagar. The maintenance of computers of DELL was done by Arme Technology Services Pvt.Ltd. The furniture and fixture was repaired as per requirements by Parth Industries, Himmatnagar. The miscellaneous repairing work of electricity of the College was maintained by Mr.H.B.Ramlavat.

http://www.hnsbscihmt.org/upload/naac/procedures_and_policis.pdf

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	Student welfare by Faculty	1	6850
Financial Support			

from Other Sources			
a) National	Post Metric Scholarship for SC, ST, SEBC, EBC	222	858950
b) International			

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	15/06/2014	154	KCG, Government of Gujarat/EDUCOMP
DELL	15/06/2014	26	KCG, Government of Gujarat/EDUCOMP
Career Counseling CELL	15/06/2014	48	UGC 12th Plan
Mentor mentees	15/06/2014	959	College
Starbatch	15/06/2014	10	College

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
2014	Career Counseling		48		
2015	Lecture on Competitive exam	158			

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
37	37	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
Yash Medicare,	129	8			

Motage Pharma, Supra F and D, Salus Pharma, Pulse Pharma, Rumi School					
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2015	155	Chemistry and Microbiology	Chemistry and Microbiology	The HNSB Ltd Science College and different colleges	M.Sc.Chemistry, B.Ed., LLB, MSW, MLT

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
No Data Entered/Not Applicable !!!	

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

Activity	Level	Number of Participants
Youth Festival	University	16
Rangoli Competition	College	10
Drawing Competition	College	9
Quiz Competition	College	23
Gardi Chair Abhimanu Award	University	132
Teachers Day	College	16
Table Tennis	Inter College	2
Volley Ball	Inter College	10
Cross Country	Inter College	3
Badminton	Inter College	7
Cricket	Inter College	16
Athletics	Inter College	8

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	National/	Number of	Number of	Student ID	Name of the
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	award/medal	International	awards for Sports	awards for Cultural	number	student
No Data Entered/Not Applicable !!!						

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

Our College has different committees. We have selected students representatives from these committees. We have formed Students Representative Committee with the use of these members. We have also included college ranker in this committee. This committee is now known as student council. The students 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, Coordination in organizing cultural programme, Placement activities driven by UDISHA Coordination in organizing different events driven by SAPTDHARA , industrial visit and picnic for student, NSS camp. Institute provides necessary support to the council members in smoothly organizing and coordinating events. It encourages the students to develop their leadership skills through these activities. We have selected students 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:

207

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

6020

5.4.4 – Meetings/activities organized by Alumni Association :

Meeting 01 Activity, Seminar on Awareness about Pharmaceutical Industries organized by Alumni Committee. Ms Usha Banker, Group Product Manager, Kapler Health Care, Ahmedabad delivered lecture on Pharmaceutical Industries.

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. Our Admission committee counsels 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.
 2. For 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. Building committee of our college to assist 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	College implemented the University approved syllabus for B.Sc. and M.Sc.All syllabi uploaded on College website for students for perusal. There have been efforts to design modules based on experimental learning, seminar, project work, problem solving, quiz etc as an integral part of the syllabi. Certificate courses are also introduced.
Teaching and Learning	The Institution constantly strives to improve the students and faculties experience. The curriculum design is at par with the UGC standards with implementation of choice based credit system by university as well as institution. 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.
Examination and Evaluation	Assessment of performance is an integral part of any process of teaching and learning. End Semester Examinations ESE The College adopts semester system for imparting instructions and conducting examinations for all the programmes offered. The end semester examinations of all odd and even semesters of UG and PG shall be held as per prescribed academic calendar of university. It is compulsory for all students to submit assignments of all papers in UG classes. The marks of assignments and attendance also included in internal exams. 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 is done through exams, project work, problem solving, book review, seminar, quiz and practical exams.

Research and Development

All the students and faculties are inspired to involve in different kinds of research activities. In this academic year 02 faculties are registered as a Ph.D. guide in various universities. 03 research students awarded Ph.D. degree under the supervision of 03 faculties and 09 students are registered for Ph.D. under the guidance of faculties. 02 faculties of Microbiology are registered for pursuing Ph.D. in the HNGU. MRP of faculties are submitted. 41 research papers are published by faculties in the research journals and approx. Number of students presented/attended their research work at Regional, State, National, International seminars, conferences. 11 books are published, chapter edited by faculties in different publications. The P.G. students are encouraged for minor research work and best project work is awarded by the institute.

Library, ICT and Physical Infrastructure / Instrumentation

College library is a Learning Resource Centre for teaching and learning activities in educational institutes. The institute aims at developing a more comprehensive collection of print and electronic resources by giving a vital support to the educational and research activities of the college. The library is well equipped with separate reading room. Our library is computerized using SOUL software. ICT Maximum students used this facility as a part of their study and familiar with global scenario of ICT. College and departments are equipped with computers and internet facility, Academic presentations, in the form of PPTs, relevant online resources-books-journals etc. are also used as teaching aids. Physical Infrastructure and Instrumentations College have good infrastructure with necessary facilities. All laboratories are equipped with necessary

	instruments.
Human Resource Management	<p>Faculties are always initiated for Faculty development programme, Research oriented publication and participation. One Faculty development programme was arranged in the college for their motivation. Most of the faculty members remain presents in various institutions as Resource persons, subject experts in interview panel, Panel of Judge, External officer in Gunotsav, Board of studies member, Senior expert officer in LIC of new colleges, Member of academic council, Lision officer in Praveshotsav, Member of University court, Chair person in international conference etc.</p>
Industry Interaction / Collaboration	<p>The College has signed MOUs with pharmaceutical industries, Research laboratory, educational institute and sincere efforts are made with respect to training and visit purpose. The Eminent industrialist is invited to share the expertise in the seminar organized by the college. UG and PG students go for an Industrial trainings and Instrumentation trainings for getting more exposure in their core area of the study.</p>
Admission of Students	<p>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 availability of courses, eligibility criteria and process of admission as well as academic support facilities. Admission process in UG and PG classes is followed as per university guidelines.</p>

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

E-governace area	Details
Finance and Accounts	The office uses Tally 9 software for fee monitoring, students data base, and finance and account purpose.
Student Admission and Support	In M.Sc admission, University allotted help centre to the college. The college help the admission seeking students for M.Sc.in filling up form, paying fee for admission and exams. It is an online process for PG admission.

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
No Data Entered/Not Applicable !!!				

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)
2014	IPR Policies and Procedure	Administrative Staff Training for Office Management	07/08/2014	07/08/2014	16	10
2014	Nil	ICT Training for Support Staff	31/12/2014	31/12/2014	0	7

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
Training and Capability Building Programme	4	09/03/2015	15/12/2015	7
Faculty Development Programme	1	19/01/2015	25/01/2015	7
Faculty Development Programme	2	29/12/2014	04/01/2015	7
UGC-NRC Winter Research Programme	1	29/12/2014	10/01/2015	10

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time

19	22	18	18
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6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Credit Society,D.L for attending seminars, conferences	Credit Society, Uniform	NSS, Library Books, Scholarships, Placement, Prizes and Chemicals for research work, testing of Thalassemmia etc. 6850 Rs help given to Mr.Pragnesh Patel economically week P.G student by our faculties at the time of his operation due to accident.

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.
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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 !!!		

6.4.3 – Total corpus fund generated

No Data Entered/Not Applicable !!!

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			

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

1. The institute holds PTA meeting once in a year 2. Parents meet the faculties, HOD whenever students run short of attendance. 3. Parents are invited for appreciation ceremony of meritorious students on annual day.

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

1.Staff Orientation for Support Staff. 2 Administrative Staff Training for Office Management 3. ICT Training for Support Staff
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6.5.4 – Post Accreditation initiative(s) (mention at least three)

1. Best project award given to even semester students of M.Sc. courses to encourage their quality work. 2. One week Industrial training programme arranged in M.Sc.courses. 3. The construction of asbestos roof of first floor class rooms is in progress
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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
2015	Organized 5th National and 31st Library Workshop	09/01/2015	10/01/2015	11/01/2015	150
2014	MOUs with Pharmaceutical Industries and other Institutes for Industrial Training for PG students	18/12/2014	18/12/2014	07/01/2015	28
2015	Faculty Development Programme on IPR Policies and Procedure.	26/12/2014	26/12/2014	26/12/2014	16

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
BSc	16/02/2015	16/02/2015	28	7
BSc	25/02/2015	03/03/2015	39	36
BSc	05/03/2015	05/03/2015	2	
BSc	22/12/2014	22/12/2014	19	5

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 of lights and Fans when not need.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries

Ramp/Rails	Yes	
Rest Rooms	Yes	300

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
2014	1		27/02/2015	1	Visit to BSNL head office	Locationa 1 Advantage	30
2014		1	15/09/2014	1	Fund collection on blind day	Cooperate to blind community	40
2014		1	25/09/2014	7	Swatch Bharat mission	Cleaning awareness	311
2014		1	31/10/2014	1	Run for unity	Unity message	25
2014		1	01/12/2014	1	AIDS awareness	AIDS prevention measures	250
2015		1	10/03/2015	1	11,111 Rs welfare fund collection for the peon of sister concern BBA college	Co-operate to family of peon of BBA college	34

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 for Faculties, Parents and Students	25/03/2015	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 side. Therefore all students who are a part of the college and who are going to be enrolled in the institute are 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 is 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
4150 Rs Funds collection for blinds on Blind day	15/09/2014	15/09/2014	40
Run for Unity	31/10/2014	31/10/2014	25
Independence Day Celebration	15/08/2014	15/08/2014	200
Blood Donation Camp to encourage students to donate blood	05/12/2014	05/12/2014	86
Lectures on Value Oriented Education	15/06/2014	31/10/2014	294
Lectures on Human Rights	01/12/2014	28/02/2015	285
Lectures on Indian Constitution	15/06/2014	31/10/2014	269

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

1.Waste Management in Chemistry Laboratory, 2.Plastic Free Campus, 3.Botanical Garden, 4.Rain Water Storage, 5.Tree Plantation

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. Industrial training programme 2. Research environment among students community

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/upload/naac/BEST_PRACTICE.pdf

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

An active NSS unit organize is outreach programmes for the students community. Communication skills and Soft skills developed in students community through different seminars and certificate courses. A very safe environment was for girl students and women employees in our college. Not a single student of ragging and sexual harassment in the last 26 years of its existence. The course based projects, certificate courses offered by the college gives the valuable knowledge regarding cutting edge technology, enabling the students to carry out inter disciplinary research knowledge. Participation of students community in Co curricular and extra co-curricular activities help to enhance all rounded personality to effectively face the difficulties in future. Career guidance, personal counseling, instrumentation and industrial training, mentoring training and placement drive are helpful to build career of students on better way. High quality teaching through research based learning, bridge between research and educational activities also very helpful to students career

Provide the weblink of the institution

http://www.hnsbscihmt.org/upload/naac/Institutional_Distinctiveness.pdf

8.Future Plans of Actions for Next Academic Year

To arrange State and National level Conferences. To improve students training programmes. To inspire faculties for publish maximum numbers of books and research papers.To initiate faculties to participate in national and international eminars/conferences/FDP. To push up students for research activities. To strengthen the placement activities for the students. To start skill development programmes to produce industry supported stake holders. To inspire students to publish research articles in science journals. To start gender equity promotion programmes.