



# **SELF STUDY REPORT**

**FOR**

**3<sup>rd</sup> CYCLE OF ACCREDITATION**

**HEMCHANDRACHARYA NORTH GUJARAT  
UNIVERSITY**

UNIVERSITY ROAD, PATAN-384265

384265

[www.ngu.ac.in](http://www.ngu.ac.in)

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Submitted To

**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**

**BANGALORE**

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# 1. EXECUTIVE SUMMARY

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## 1.1 INTRODUCTION

### Introduction of the University

The V.V.John Committee was appointed by Government of Gujarat in April; 1973 to review the status of higher education and establish new universities. Following the recommendations of the committee, the North Gujarat University has been established by North Gujarat University Ordinance (Gujarat Ordinance No.5 of 1986, dated 17-05-1986).The Ordinance was later converted into an Act, passed by Gujarat Legislative Assembly on 29-08-1986 as North Gujarat University Act (No.22 of 1986, dated 10-09-1986).This University has now been renamed as Hemchandracharya North Gujarat University (by Gujarat Act No.2 of 2003 dated 01-03-2003), to honour the great philosopher, thinker and Jain acharya Hemchandracharya Suri, who made valuable contribution to the studies in grammar,literature,religion and philosophy.

The jurisdiction of the University covers five districts Viz.,Patan, Mehsana, Banaskantha, Sabarkantha and and caters to cultural and educational needs of this region.

There are 15 post graduate departments, 02 constituent colleges, and 07 centers on campus. Number of affiliated colleges 577 with 145 new colleges during the year. The University was Re-Accredited with "A"Grade, CGPA of 3.02 by "NAAC" in 2016. **The campus of the university is spread over 221 acres of land.**

This symbolizes that curriculum are well designed and revised regularly to meet with recent developments and professional needs.

The emblem of the University contains a picture of Saraswati framed in a Gavaksha or Niche. Devi Saraswati, traditionally representing learning, is depicted after a painting in the Old Prakrit manuscript of Dash-Vaikalik.The design of Gavaksha, simple and elegant, is adopted from the excavation of "Rani Ki Vav" in Patan.

The emblem thus recalls the ancient art and culture of Gujarat at the peak of its glory centuries ago, when Patan was a great center of learning.

The motto invokes divine blessings of sacred knowledge. It also relates to the Saraswati, the holy Vedic Kumarika River on the bank of which the University is located and which symbolizes an endless flow of ever-growing knowledge.

University has approached to Government, request for a new sub centre at Khedbrahma. So, a new sub centre is sanctioned by state Govt and has become operational from 2021. This sub centre is spread over 100 acres of land.

### Vision

Vision

**"I shall transcend myself, be a Universal man;  
and be humble soldier of my motherland".**

*-Uma Shanker Joshi (Gujarati Poet)*

**The vision of the University is**

- To inculcate values of equality, unity, and justice
- To provide leadership in higher education by imparting quality and socially relevant knowledge
- To contribute to advancement of knowledge through research, publications and dissemination
- To make students conscious of their duty to the country and to fellow human beings.

Invested in deep rooted social commitment, it seeks to weave knowledge with compassion, bringing equity, integrity, and sustainability to higher education. Imbibing a cosmopolitan vision, while rooted in regional culture and practices, University fosters an atmosphere of free thought, democratic governance and ethical principles, with a student centric and socially committed educational praxis. Hemchandracharya North Gujarat University, patan has been refashioning itself to suit the demands of the contemporary times.

**Mission**

**Mission**

**The Mission of the University is**

- To educate students in all areas of scholarship and to advance knowledge
- To develop citizens with knowledge, skill and character leading to social transformation and national development
- To develop aptitudes and skills of students to equip them to face the challenges and needs of fast emerging society
- To create greater opportunities for girl students in order to prepare them to be effective leaders.

Through carefully crafted curriculum, and continually updated academic and administrative practices, University moulds students into enlightened global citizens, who combine sensitivity with empathy and conviction to intervene in social issues. Cutting-edge research with an equal emphasis and interdisciplinary thrust in sciences, social sciences, arts, and culture, while seamlessly weaving innovation with technology, help the University occupy a seminal role in India's booming knowledge economy.

## **1.2 Strength, Weakness, Opportunity and Challenges(SWOC)**

**Institutional Strength**

- The Hemchandrachary North Gujarat University is having rich historical legacy built and developed by scholarly and committed faculty.
- The University has well maintained vast and green campus with excellent infrastructure for academic, administrative and extension activities.
- University provides good options for basic, applied and professional subjects.
- A Multidisciplinary University the University offers wide variety of 245 academic programs (PG, UG, PG Diploma, Diploma, and Certificate) with and maintains a tradition of strictly following academic calendar and timeliness in result declaration.
- Choice Based Credit System (CBCS) across all programs from the beginning (2012)
- Transparent Online admission policy.
- The University has experienced and dedicated faculty members available for teaching and research having publications in the International and National Journal of Repute with high citations and h-index.
- In addition to the well maintained and enriched central Library, some Teaching Departments have their own libraries and reading rooms for the faculty and students.
- More than 1000 students are regularly using University Central library
- Curriculum and syllabi are regularly revised every two years Unique curriculum strengthened through inputs from periodic academic audit, feedback from stakeholders and vetting.
- Transparency and accountability at each stage of assessment process.
- Robust and participatory grievance redressal mechanism.
- Capability in continuous strategizing and quality enhancement planning with self-reflexivity, also drawing lessons from periodic status accreditation.
- Equity in access to higher learning and research through nominal fee in academic courses and in research(in granted courses)
- The University carries out various extension activities through its dedicated volunteers of NSS and NCC. University has bagged several awards for its exemplary extension activities
- Time relevant courses are introduced as and when required. e.g. personality development, NCC, NSS, Shrimad Bhagvad Gita, etc.
- One special program, Budhvaryu is organized on every Wednesday that permits (1) Deliberations by experts in various fields (other than curricula) (2) Direct dialogue between students and higher authorities (including Vice chancellor, registrar.)
- University has taken several environment friendly steps like, 50% electricity is generated from solar panels, rain water harvesting etc.

### **Institutional Weakness**

- Being a government funded University there are administrative constraints in taking quick and timely decision and action at many fronts.
- Inadequate number of permanent faculty creates hindrance in getting special grants and research projects from national and international funding agencies. Faculty shortage due to less number of sanctioned teaching posts in many departments when compared to the pyramid faculty structure as envisaged by UGC.
- Existing residential infrastructure is insufficient to cater to the ever-growing student demand. Budget constraints are reflected in maintenance of residential buildings.
- Inability to increase the critical mass of students despite huge demand ratio due to inadequate teachers/technical staff/physical infrastructure.
- Inability to fill few fulltime strategic service positions due to the lack of special rules for appointments

by PSC.

- Limitations in fully addressing digital infrastructure requirements, so integral in overcoming the digital divide among students. In the fast growing digital world it is mandatory to keep pace with the time and technology. The University needs to strengthen its ICT facilities.
- IT and Computer Cells are not adequately and frequently updated.
- Though it is a Government University, the budget provided by the Government is meager.
- Interaction with foreign institutions is very limited. Being a public University, due to paucity of funds University is not able to support high end publication cost in reputed journals through open access mode, reducing the visibility of the publications and thereby adversely affecting citation and h-index.
- As a State University, the University is bound to the stringent Acts, Statutes, Ordinances, Regulations and Government manuals, thereby creating inadvertent delay in the implementation of projects.
- University is offering Consultancy services by the faculty in very selective fields which needs to be strengthened.
- There is a gap between University-industry interactions which needs to be bridged.
- It is comparatively difficult to convince students from poor background/Farmer families about utility of various professional courses. Thereby they are hesitant & refuse to take admission in such professional/applied programs.

### **Institutional Opportunity**

- Patan is one of the most ancient, religious and cities of Gujarat. It is ancient capital of Gujarat and has enormous potential for tourism. University can capitalize on this area by incorporating advanced programmes in tourism, hotel management etc.
- Patan area has rich historical and archaeological legacy. Recently Archaeological department has found Buddhist Caves in Taranga Hill and Vadnagar. The University may undertake integrated approach using GIS/GPS based modern technology in archaeological survey and excavation and start programs related to that.
- Entrepreneurship Development, Banking, Finance, Insurance, Agri industries and Rural development are the fast growing areas of the country. To cater to the need of their future work force, University may take skill development initiative in these sectors.
- University may start a dedicated business incubation centre to encourage local entrepreneurship.
- University may strengthen its research and consultancy sector and mobilize more research funding.
- The National Education Policy 2020 provides scope for education in regional language. University may set up a regional language centre for translating existing resource material and/or generating new resource materials for stakeholders. With 15 departments, 02 colleges and 07 centres offering in diverse disciplines-Sciences, Social Sciences, Technology, Indian Languages, Sports, university has a great opportunity to be a hub for liberal learning with flexibility and interdisciplinary, under the Holist Approach model of NEP 2020.
- University may starting new start/prepare professional courses that would very easily give them employment. Bridge courses can fill up the gap between the basic learning and applied fields.
- University period has taken care of social responsibilities during the of Corona pandemic a number of social were started activities like preparation of hand sanitizers and masks, vaccinations drive etc.

### **Institutional Challenge**

- It always remains a challenge to create and recruit faculty and staff within the framework of

Government policies.

- The majority of students joining the university are from socially and economically underprivileged sectors and rural background. It is always a challenge to inculcate adequate communication skills to them and to bring them in the mainstream.
- Private Universities in the region are increasing in number and posing a challenge for the state run Universities. With inadequate budget, to compete with the nearby institutions in terms of programmes and facilities is a major challenge.
- Insufficient Government (Central and State) investment in higher education and inadequate financial resources for research infrastructure. Despite decreasing Government support for focused investment in State-of-the-Art laboratory with sophisticated equipment and facilities, University struggles to meet such ends in the interest of higher academic goals. Further challenges are imposed due to stringent policy regulations in spite of benefitting from PURSE/DBT/FIST/SAP largesse.
- Inability to implement timely modernization and professionalization of Governance in tune with global benchmarks creating competitive disadvantages.
- Being a public University, inability to compete with the promotional and branding strategies of Foreign and private Universities requiring huge financial investments, and public checks and balances.
- Attracting foreign students and faculty to the campus due to competitive factors and regulations.
- Fostering High End Industrial Collaborations where Intellectual Property gain valance through transformation into publications (books, papers, and patents), patents to technology transfer, and technology transfer into meaningful applications and products. Impending financial, statutory, and legal implications impose a challenge here.
- Fulfilling the moral responsibilities of a public University in offering quality education with compassion, human values, and the spirit of empathetic giving, the biggest challenge encountered by the University is that such indices remain less accounted in today's material-driven world.
- Global positioning and Ranking
- To inspire more faculty towards purposeful society - oriented research by getting research grants,
- Publication of research papers and filing patents.

## 1.3 CRITERIA WISE SUMMARY

### Curricular Aspects

An updated, need based, skill oriented curriculum that has the potential of employability and/or entrepreneurship ability always attracts high demand.

University offers at various academic levels of 78 programs including value-added programs. Approximately 09 new programs have been added during past five years. The syllabi of 100% programs have been revised during this tenure. All programs are running with CBCS except in diploma in Health sanitary Inspector. All the programs and courses are displayed on the university website. Additionally, 44 value added courses are being offered in which approx 1174 students are enrolled.

Curriculum design and development processes put emphasis on the employability, skill development and entrepreneurship to fulfill the future professional and career needs of the students and the employers. The Curriculum development is four tier processes. Curriculum is developed in BOS, sent to faculty for discussion, then for approval to Academic council. Finally executive council takes notice of it. BUTR is also one of the council were decision related to research are taken. Head of departments of the campus are chairman of BOS and nearly 40 teachers are members of BOS in different subjects. 12 teachers from campus are members of

Faculty and 08 teachers are members of BUTR.

University pays special attention to integrate cross cutting issues relevant to professional ethics, human values, gender, environment and sustainability in the curriculum. Field projects, Quiz, Book Review, Seminar, Project work, Problem solving, internship and research projects are incorporated into the curriculum to impart experiential and skill-based learning and training to understand real life issues, problems and their solutions.

University has taken effective steps through provision of language lab, ICT enabled classrooms, projectors and conference hall, science labs, statistical/ research software's (Capitaline, Proves, etc.) Extensive learning through lectures of distinguished speakers, industrial visits, field surveys and educational tours.

Feedback from the stakeholders is regularly collected and analyzed to address the issues like design and review of curriculum, teaching, learning and evaluation and relevance to the job prospects. Feedback is taken on Google forms displayed in the website, and then the data is compiled, analyzed and shared with each department and concerned individuals for prompt action.

### **Teaching-learning and Evaluation**

Teaching & Learning is a way to develop life skills & abilities among students. Lecture & discussion method is commonly practiced to inculcate new behavior and capacity among the students. ICT enhanced teaching learning methods is encouraged in the campus. Well established science labs are there to inculcate practical skills among the learners. The process of admitting the student is online and transparent complying with all norms of the Govt of Gujarat based on merit following reservation policy. The admission process is followed as per university Academic Calendar.

The University provides adequate support to cater to their varied learning needs. The University conducts proficiency assessments and offers bridge courses, remedial courses, and guided self study courses to support slow learners. Advanced learners are encouraged to engage in research activities. They are asked to help slow learners; this improves leadership and explanation capabilities of learners. Teachers are easily accessible to students for clearing the doubts outside classrooms and for providing career counseling. The University Library is kept updated with the latest textbooks and reference materials which are purchased on a regular basis. College library has 88,450 books, 123 journals, facilitated with INFLIBNET, 22 computers with Wi-Fi facility Internet with speed of 1GBPS.

The physical infrastructure of the University is Divyangan-friendly and all departments are equipped with ramps, special toilets, some departments have lifts, wheel chairs. The faculty members use ICT to make the teaching-learning more interactive and effective. A mentor-mentee approach is followed in all in house UG departments to provide personal guidance. The student-faculty ratio is 27, optimally maintained to facilitate student-centric learning environment. More than 88% teachers hold Ph.D degrees from reputed Universities. The average teaching experience of the teachers is around 16 years.

The students are assessed through a fair, continuous, proportionate, persistent and end-term evaluation, which empowers successful execution of the remedial measures. Monthly tests, assignments, presentations, Quiz, Book Review, Seminar, Project work, Problem solving are conducted to monitor the progress of the students. The evaluation process is fair and just assesses the caliber and performance of the students. The University has by and large computerized its examination system, from the generation of admit cards to the stage of the declaration of results. The declaration of examination result is strictly as per the examination calendar and

student grievances are addressed in a timely manner.

### **Research, Innovations and Extension**

The Hemchandracharya North Gujarat University has a well-defined research policy to nurture young talents. There are 19 faculty members supervisor status/Guideship by. 02 Teachers of the University have obtained international fellowships for advanced studies abroad. 56 students have enrolled in different faculties in the campus. The admission to Ph. D is on the basis of clearance of NET/SLET/ GSET/ GATE, university entrance. The 91 students are awarded in Ph.D degrees in last five years under the guidance of university teachers. The University has built up some important research facilities with special research labs in science departments with sophisticated instruments. one department has obtained government recognitions for DSTFist and has PARM supercomputer. The number of research projects awarded / implemented by the teachers by various government agencies has been quite phenomenal, with the total grant being more than Rs. 126.1232 lakh in the last five years. University has already two patents to its credit till date. The substantial volume of research done by the faculties is amply reflected in the number of 397 research papers published in UGC recognized journals/ Scopus indexed/ Web science/ refereed journals. Also number of authored books and book chapters is 55 and 35 papers in national and international conference proceedings. The University has a well defined consultancy and has 01 consultancy project. Web of science predicted University H index18. University teachers and students have presented 200 papers in conferences/seminars at state level/ national/ international level. The University has put in place a viable methodology to detect and eliminate plagiarism in research by subscribing to the URKUND (Plagiarism Checker) ® cross similarity-checking software. Workshops/seminars are being conducted on IPR and Industry-Academia innovative practices. The University has also initiated the practice of recognizing the achievements of its teachers by awarding appreciation certificate to 07 teachers with good H index. The University organizes extension activities in collaboration with government/non-government organizations to sensitize both students and teachers, and through them local communities as well, on various social, environmental and national issues. Many academic Departments are quite active in building up effective collaboration with other reputed higher academic institutions for research, faculty and students exchange, internship, on-the-job training and project work. Finally, the University has a good number of functional 22 MoUs with institutions of national and international importance, other universities, as well as industrial and corporate institutes.

### **Infrastructure and Learning Resources**

A good ambience always inspires teaching–learning process. University is spread in 221 acres of lush green campus with excellent road and rail connectivity. The campus is under rain water harvesting and the accumulation is stored in university pond. A new sub centre at Khedbrahma is sanctioned by state Govt of Gujarat and has become operational from 2021.

A three-storied Shivabhai Umedbhai University Library is having decent collection of 88,450 Books, 1,553 Dissertation, 1,553 Thesis, 3,375 Back volumes of the Periodicals, 1257 Visual Media, 128 Current Periodical. Library has membership of Delnet, UGC Infonet, INFLIBNET, etc. and has 22 computers with Wi-Fi facility. University has Shri Narendra Modi corner and Geeta Press Gorkhpur Sahitya Corner with special books. Library has well finished reading rooms where students from campus and off campus can study up to 10 pm.

The University also has adequate arrangement for disabled students and staff. Such facilities include toilets and



ramps in every building and some buildings have elevator facility also. Wheel chairs are also available at the administrative building and electric cars for students.

ICT facilities are adequately available in the university for academic purposes. There are 985 computers available in the campus. The many departments have their own computer facilities and ICT-enabled classrooms with projectors and smart boards. Every faculty has allotted their own cabin with separate personal computer, printer and laptops for effective learning and teaching purpose. There are big parking facilities, RO Water Drinking facilities, Fire safety and solar panel in all buildings in the campus.

The University has an IT-infrastructure which includes a Wi-Fi enabled campus with high-speed (>1 GBPS) connectivity. University is under surveillance of total 411 CCTV cameras.

University has UG, PG, SC & ST, RUSA hostels. There are separate hostels for boys and girls. Separate hostel for available for Research Scholars also. University has Suvidha Kendra where SBI Bank, POST Office, Emplacement office, Canteens, Computing and Xerox center and ATM facility of HDFC Bank is located.

There is primary well equipped health centre of university for department students. The university has 03 auditoriums with AC facility having capacity of 800, 400 and 150 seating arrangements. There are two more non AC halls with capacity of 400 and 200 seating arrangements. There is an open theater with capacity of more than 1000.

HNG University has adequate facilities for sports like Gymnasium, Indoor stadium for games like Basket ball, Volleyball, Kabadi, lawn tennis, Badminton, Table tennis, outdoor stadium with 400 meter track, different games playfields, all type of sports equipments, etc.

The University has established an Oxygen Plant worth Rs. 1 core to supply Oxygen to the clinic and hospitals as a response to the covid Pandemic in June 2021.

University estate department takes care of physical facilities and System analyst oversees the maintenance of ICT facilities in the campus. Air-conditioners, computers and network facilities, major equipment etc are under Annual Maintenance Contract. There is an effective mechanism for the maintenance of the IT infrastructure facilities.

### **Student Support and Progression**

The majority of students admitted in our university campus are from rural areas of the region. Various scholarships from state/central government are available for the students belonging to SC, ST, OBC, and EWS categories. 3453 students are benefitted from these scholarships. The research scholars are benefitted by getting UGC, CSIR, SHODH the scholarships. In total 291 research scholars of HNGU are benefitted by these scholarships. The University has Smt. Vidhyaben Dipchand Gardi chair for effective guidance for competitive exams (GPSC, TAT 1 and TAT 2, NET, SLET, Class 3, Exam for PSI, ASI and Binshachivalya Clerk, Bank PO and clerk etc.). Students' performance has significantly gone up during the last five years in qualifying competitive and professional examinations. 47 students have cracked UGC-NET/ SLET/GSET/ GATE. 16 students Binshachivalya Clerk, 05 students cracked GPSC, 30 student's constable exam, 04 students cracked talati exam.

The competitions (Athlete Meet) for indoor and outdoor sports are arranged annually at campus or off campus.

Inter-college sports and cultural activities (Youth Festivals) are organized at the university premises by office of director of physical education.

NSS wing, NCC wing, Entrepreneurship cell, CASH is actively engaged in overall development of students. University has taken many initiatives like career counseling, soft skill development, remedial coaching, language lab, yoga to support the students to achieve their career oriented goals. As a result 52 students from different departments of campus stood first in university exams and have been awarded Gold medals.

Training and Placement Cell in the campus groom the students for various placements opportunities. The University is proactive for the placement of students, Campus interviews are arranged by inviting prospective employers by few departments and many students get selected for jobs. 308 Students are placed in different companies. Most of Graduates of this campus are willingly enrolled further in P.G. Courses run in the campus. Students enrolled in M. Phil. and Ph. D. courses are passing out from the campus departments.

As far as grievances of students are concerned, timely redressal is ensured through Grievance redressal committee at department level and university level. Students can lodge their grievances via online/offline mode but for online mode complaint form is displayed on the website. For offline a complaint box is put in every department.

The student are also nominated in various committees such as IQAC, Anti-ragging committee, Student grievance redressal cell, university industry linkage cell, women cell etc.

Alumni of the university are currently working as school teachers, Assistant professors, Politicians, bankers, C.A. and at various other reputed and responsible positions not only in India but also outside India.

### **Governance, Leadership and Management**

The University has a well-defined vision and mission displayed on university web-site. The vision and mission get reflected in the academic and administrative governance of the university. The effective leadership is visible through various university practices such as decentralization and Participative management. The university has evolved a decentralized process of participative management in which the Executive council headed by the Vice chancellor is the main governing body of the university.

For various functions of university there is Academic council, University court, Joint consultative committee, BOS, BUTR, Finance committee, Building committee, planning board, Board of student welfare, Board of extra mural studies, Board of Sports, Board of publication, Board of Hostel Management, NSS advisory committee. Being an state affiliating University, it has maintained regular exchange with its 577 affiliated colleges through the Undergraduate/ post graduate Boards of Studies, Principals' meetings with administration, and other governing bodies of the university. There are all of sub committees like committee against sexual harassment, NSS, NCC, University Industrial Linkage Cell, Research and Development committee, Grievances Redressal Cell for smooth functionary of university. Participation & decentralization is observed in all committee or cells or in subcommittee because members are from university, affiliating colleges, industry, state Govt. and in many committees students are also party. The function & membership of all committee were documented & defined.

As a part of its strategic programmes, the University involves local affiliating colleges while hosting various competitions, NCC, NSS programmes and sports activities. The teachers have played pivotal role in distributing the available space of the University amongst the Departments in an egalitarian manner. The University has promoted research of students and teachers since inception by lending financial, administrative and academic support. The IQAC, constituted by in-house teachers and external experts, is instrumental in evaluating the academic output of the Departments through academic audit and assesses the professional efficiency of the teachers through the PBAS Career Advancement Scheme. The University undertakes regular financial audits and responds to the audit queries. The University has a significant impact on the socio-economic landscape of the area in terms of literacy, level of education, occupational structure, employment, transportation system, infrastructure and living standard. Holistically speaking the University has been successfully establishing communication with the locality and facilitating its uplift and academic awareness.

Teaching Non-teaching Employees Provident Fund as per PF rules, Mediclaim-Health Insurance, Gratuity, Full paid Maternity Leave, Fee concession towards of economically weak staff. Encashment of Earn leaves at the end of service. Salary timely credited to bank account of employee. University has developed strategies for mobilizing resources and ensures transparency in financial management.

The university has well defined policies with clear goals for improving academic quality, teaching - learning and infrastructure. As a part of e governance, university has installed biometric machines in each building, Tally in accounting section, for student online admission enrolment and Examination University has hired a private agency. For online meetings university has subscription of WEBEX.

### **Institutional Values and Best Practices**

The H N G University is situated in North Gujarat catering needs of five district of North Gujarat where two districts are tribal. Since its establishment, the University has taken up the responsibility of addressing locational advantages and disadvantages, and also of contributing to the uplift of the local community. University has created an ecosystem for Holistic development of students and making them socially responsible Indian.

University has vibrant ecosystem for gender equity, environment and differently abled persons and organized more than 50 programs witnessing participation of over 10000 students. HNGU “WOW” awards for women recognizing their achievements.

The professional code of ethics, human values and national ideals are displayed prominently in the campus and regular seminars/workshops/commemorations serve to keep them visible to the staff and students; appointed committees look after the issues of rights and ethics. Transparency is given utmost importance, and best efforts are made to keep all academic, financial and administrative work of the University absolutely transparent. University gives full academic autonomy to teachers. It ensures 100% transparency in evaluation thereby reducing the number of student grievances. The university has been able to keep pace with the latest requirements of industry and has introduced 44 new courses across 78 programs and has revised syllabus of all existing courses. The university has successfully tackled Covid-19 impact through specific and strategic academic measures and has contributed to the community service by installing Oxygen rifling plant facility in a very short span of time in June 2021.

The University has installed solar powered cells as an alternative and renewable energy source. A rainwater harvesting system is installed. The laboratory wastes are disposed of in accordance with the rules, and the

disposal of the other wastes is done with the support of local Municipal Corporation. University has lush green campus within permissible limits of environment laws.

Local community development: Regular Yoga for all includes senior citizens at Yoga center, University Health center which is accessible for all citizens of patan. For morning and evening walk campus is accessible for citizens. Community based projects are done by Department of Social work/NSS in nearby villages.

Programs related to Swatch Bharat/Unnat Bharat/ Aazadi ka Amrit Mahotsav/ Local for Vocal are organized by different departments. All departments' participation is encouraged to provide platform to hone inner skills, management skills among students, inculcate harmony and team spirit in the students.

## 2. PROFILE

### 2.1 BASIC INFORMATION

Name and Address of the University	
Name	HEMCHANDRACHARYA NORTH GUJARAT UNIVERSITY
Address	University Road, Patan-384265
City	Patan
State	Gujarat
Pin	384265
Website	<a href="http://www.ngu.ac.in">www.ngu.ac.in</a>

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Vice Chancellor	Jabali J. Vora	02766-237000	9426708995	02766-231917	vc@ngu.ac.in
IQAC / CIQA coordinator	Sangita Sharma	02766-220932	9825017096	02766-233649	smridhee2000@yahoo.co.in

Nature of University	
Nature of University	State University

Type of University	
Type of University	Affiliating

Establishment Details	
Establishment Date of the University	17-05-1986
Status Prior to Establishment, If applicable	

<b>Recognition Details</b>		
<b>Date of Recognition as a University by UGC or Any Other National Agency :</b>		
<b>Under Section</b>	<b>Date</b>	<b>View Document</b>
2f of UGC	21-02-1996	<a href="#">View Document</a>
12B of UGC	01-01-2004	<a href="#">View Document</a>

<b>University with Potential for Excellence</b>	
Is the University Recognised as a University with Potential for Excellence (UPE) by the UGC?	No

<b>Location, Area and Activity of Campus</b>							
<b>Campus Type</b>	<b>Address</b>	<b>Location*</b>	<b>Campus Area in Acres</b>	<b>Built up Area in sq.mts.</b>	<b>Programmes Offered</b>	<b>Date of Establishment</b>	<b>Date of Recognition by UGC/MHRD</b>
Main campus	University Road, Patan-3 84265	Urban	223	106050	78		
<i>Regional Centres</i>	<i>Khedbrahma Campus Of Hngu, At -Vadali, Ta-Vadali, Dist-Sabarkantha</i>	<i>Rural</i>	<i>100</i>	<i>426</i>	<i>02</i>	<i>31-07-2014</i>	<i>01-06-2020</i>

## 2.2 ACADEMIC INFORMATION

### Affiliated Institutions to the University

Type of Colleges	Permanent	Temporary	Total
Law	0	13	13
Education/Teachers Training	17	83	100
Business Administration/Commerce/Management/Finance	0	29	29
Fine Arts/Performance Arts/Visual Arts/Applied Arts	0	3	3
Science	2	68	70
Arts	18	101	119
Commerce	0	18	18
Medicine & Surgery/Ayurveda/Unani/Homeopathy/Health & Allied Sciences/Paramedical/Sciences	3	78	81
General	4	140	144

#### Furnish the Details of Colleges of University

Type Of Colleges	Numbers
Constituent Colleges	2
Affiliated Colleges	577
Colleges Under 2(f)	11
Colleges Under 2(f) and 12B	82
NAAC Accredited Colleges	36
Colleges with Potential for Excellence(UGC)	5
Autonomous Colleges	0
Colleges with Postgraduate Departments	17
Colleges with Research Departments	0
University Recognized Research Institutes/Centers	0

Is the University Offering any Programmes Recognised by any Statutory Regulatory Authority (SRA)	: Yes
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SRA program	Document
AICTE	<a href="#">109508_6064_1_1665124948.pdf</a>
BCI	<a href="#">109508_6064_8_1665229638.pdf</a>
COA	<a href="#">109508_6064_18_1663322891.pdf</a>

**Details Of Teaching & Non-Teaching Staff Of University**

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned	11				17				23			
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit	11				17				23			
On Contract	0	0	0	0	0	0	0	0	0	0	0	0

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned				136
Recruited	51	15	0	66
Yet to Recruit				70
On Contract	0	0	0	0

Technical Staff				
	Male	Female	Others	Total
Sanctioned				2
Recruited	0	1	0	1
Yet to Recruit				1
On Contract	0	0	0	0



**Qualification Details of the Teaching Staff**

<b>Permanent Teachers</b>										
<b>Highest Qualification</b>	<b>Professor</b>			<b>Associate Professor</b>			<b>Assistant Professor</b>			<b>Total</b>
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	7	3	0	10	3	0	6	2	0	31
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

<b>Temporary Teachers</b>										
<b>Highest Qualification</b>	<b>Professor</b>			<b>Associate Professor</b>			<b>Assistant Professor</b>			<b>Total</b>
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	17	4	0	21
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	1	1	0	2
UG	0	0	0	0	0	0	0	0	0	0

<b>Part Time Teachers</b>										
<b>Highest Qualification</b>	<b>Professor</b>			<b>Associate Professor</b>			<b>Assistant Professor</b>			<b>Total</b>
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

**Distinguished Academicians Appointed As**

	<b>Male</b>	<b>Female</b>	<b>Others</b>	<b>Total</b>
Emeritus Professor	0	0	0	0
Adjunct Professor	0	0	0	0
Visiting Professor	0	0	0	0

**Chairs Instituted by the University**

<b>Sl.No</b>	<b>Name of the Department</b>	<b>Name of the Chair</b>	<b>Name of the Sponsor Organisation/Agency</b>
1	University Library	Smt. Vidhyaben Deepchand Gardi Chair	Deepchand Gardi
2	Department of Social work	Dr Babasaheb Ambedkar Chair	State Government

**Provide the Following Details of Students Enrolled in the University During the Current Academic Year**

Programme		From the State Where University is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	626	0	0	0	626
	Female	385	0	0	0	385
	Others	0	0	0	0	0
PG	Male	849	0	0	0	849
	Female	978	0	0	0	978
	Others	0	0	0	0	0
PG Diploma recognised by statutory authority including university	Male	17	0	0	0	17
	Female	40	0	0	0	40
	Others	0	0	0	0	0
Doctoral (Ph.D)	Male	0	0	0	0	0
	Female	0	0	0	0	0
	Others	0	0	0	0	0
Pre Doctoral (M.Phil)	Male	0	0	0	0	0
	Female	0	0	0	0	0
	Others	0	0	0	0	0

<b>Does the University offer any Integrated Programmes?</b>	Yes
<b>Total Number of Integrated Programme</b>	2

Integrated Programme	From the State where university is located	From other States of India	NRI students	Foreign Students	Total
Male	182	0	0	0	182
Female	60	0	0	0	60
Others	0	0	0	0	0

**Details of UGC Human Resource Development Centre, If applicable**

Year of Establishment	Nil
Number of UGC Orientation Programmes	0
Number of UGC Refresher Course	0
Number of University's own Programmes	0
Total Number of Programmes Conducted (last five years)	0

**Accreditation Details**

Cycle Info	Accreditation	Grade	CGPA	Upload Peer Team Report
Cycle 1	Accreditation	B	2.55	<a href="#">Peer Team Report - Hemchandracharya University GJ.pdf</a>
Cycle 2	Accreditation	A	3.02	<a href="#">NAAC_Report_2016.pdf</a>

**2.3 EVALUATIVE REPORT OF THE DEPARTMENTS**

Department Name	Upload Report
Center For Research Studies	<a href="#">View Document</a>
Department Of Biotechnology	<a href="#">View Document</a>
Department Of Chemistry	<a href="#">View Document</a>
Department Of Commerce And Management	<a href="#">View Document</a>
Department Of Computer Science	<a href="#">View Document</a>
Department Of English	<a href="#">View Document</a>
Department Of Hospital Management	<a href="#">View Document</a>
Department Of Journalism And Mass Communication	<a href="#">View Document</a>
Department Of Law	<a href="#">View Document</a>
Department Of Library And Information Science	<a href="#">View Document</a>
Department Of Life Sciences	<a href="#">View Document</a>
Department Of Mathematics	<a href="#">View Document</a>
Department Of Physical Education	<a href="#">View Document</a>
Department Of Physics	<a href="#">View Document</a>
Department Of Sanskrit And Bhartiya Vidya	<a href="#">View Document</a>
Department Of Social Work	<a href="#">View Document</a>
Institute Of Architecture	<a href="#">View Document</a>
S K College Of Business Management	<a href="#">View Document</a>
Yoga Centre	<a href="#">View Document</a>

### Institutional preparedness for NEP

1. Multidisciplinary/interdisciplinary:	In order to develop the all-round capacities of the students – intellectual, aesthetic, social, physical, emotional and moral in an integrated manner, the HNG University is preparing to include multidisciplinary subjects as per the National Educational Policy 2020. Keeping in view the problems faced by the students, the HNG University is planning to set up short term and vocational/Skill based courses. The aim is to make the students equipped, so that they don't need to rely on
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	<p>Government jobs but instead pave a way towards self-employment. As the HNG University is preparing itself to have more of multi-disciplinary subjects it tries to identify the programme learning outcomes along with courses and unit learning outcomes that define the specific knowledge, skills, attitudes and values that are to be acquired by the learner and would ensure that each programme achieves its goal. Multidisciplinary programme academic session with multiple entry and multiple exit provisions. In this regard, Integrated M.Sc Integrated programmes in Chemistry, Life science, B Voc. in Fashion Design, B Voc. in Tourism were started in university with lateral entry and lateral exit provisions is envisaged in the NEP 2020.</p>
<p>2. Academic bank of credits (ABC):</p>	<p>Regarding the implementation of Academic Bank of Credits, the institution has applied for the same. Application number is ABC0105261649489033. A Committee is prepared with Registrar as Nodal officer along with Exam controller as member in the committee. Committee has formulated a policy for it. The pedagogical approach of the institution is student's centric where the faculties' pedagogical approaches are constructive, inquiry-based, reflective, collaborative and integrative. Summative and Formative assessments and assignments are used to evaluate the Students learning outcome.</p>
<p>3. Skill development:</p>	<p>The HNG University is promoting Value-Based Quality Education; hence the HNG University takes efforts to inculcate positivity among the learners The University has offered vocational and skill-based programmes under various schemes of the UGC. With the approval of a new department of Vocational Studies, actions will be initiated to formulate the framework for integrating the vocational education with formal education as per the mandates of NEP2020. B Voc. in Fashion Design, B Voc. in Tourism: 58 students have graduated with B Voc. degree in Fashion Design. Besides fulfilling the academic requirements of the University, the students had to clear the assessment from Sector Skill Council for designing the examination and assessment pattern for the skill development components. Sector Skill Councils/industry associations for the conduct of practical assessment. Mentoring students is also one of the practices of the institution, to enable students to explore future employment pathways after</p>

	graduation, and help them get the most of their studies.
4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):	Regarding the adoption of Indian languages, the HNG University offers various Indian languages like Sanskrit, Prakrit, Gujarati, Hindi (Off Campus) and Sanskrit, Prakrit (Off campus) subjects in degree courses. University has applied to Govt of Gujarat to sanction PG department in Gujarati language. Preservation and promoting of languages is one of the target of the HNG University in future.
5. Focus on Outcome based education (OBE):	The HNG University also makes an effort to understand that a pursuit of knowledge is a life-long activity and to acquire positive attitude and other qualities which will lead students to a successful life. To interpret, analyze, evaluate and develop responsible and effective citizen is one of the programme outcome of the students.
6. Distance education/online education:	The HNG University keeping in view the convenience of the student, the various technological tools like Google meet, Zoom, Webex were used by the faculties for teaching and evaluation especially during the pandemic lock down. Also videos were used as teaching and learning aids. Online Group collaboration, interaction, assignment, revision and assessments have been conducted presently also. These are some of the institutional efforts made towards blended learning

## Extended Profile

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### 1 Program

#### 1.1

##### Number of programs offered year-wise for last five years

2021-22	2020-21	2019-20	2018-19	2017-18
12	60	61	68	18
File Description		Document		
Institutional data in prescribed format		<a href="#">View Document</a>		

#### 1.2

##### Number of departments offering academic programmes

Response: 18

### 2 Students

#### 2.1

##### Number of students year-wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
1538	1569	1572	1351	1277
File Description		Document		
Institutional data in prescribed format		<a href="#">View Document</a>		

#### 2.2

##### Number of outgoing / final year students year-wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
1159	1112	1138	1189	1315
File Description		Document		
Institutional data in prescribed format		<a href="#">View Document</a>		



**2.3****Number of students appeared in the University examination year-wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
1159	1112	1138	1189	1315
File Description		Document		
Institutional data in prescribed format		<a href="#">View Document</a>		

**2.4****Number of revaluation applications year-wise during the last 5 years**

2021-22	2020-21	2019-20	2018-19	2017-18
131	140	100	124	112

**3 Teachers****3.1****Number of courses in all programs year-wise during last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
12	60	61	68	18
File Description		Document		
Institutional data in prescribed format		<a href="#">View Document</a>		

**3.2****Number of full time teachers year-wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
56	55	54	54	53
File Description		Document		
Institutional data in prescribed format		<a href="#">View Document</a>		

**3.3**

**Number of sanctioned posts year-wise during last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
51	51	51	51	51
File Description		Document		
Institutional data in prescribed format		<a href="#">View Document</a>		

**4 Institution****4.1****Number of eligible applications received for admissions to all the programs year-wise during last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
1867	1424	1491	1847	1660
File Description		Document		
Institutional data in prescribed format		<a href="#">View Document</a>		

**4.2****Number of seats earmarked for reserved category as per GOI/State Govt rule year-wise during last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
799	838	824	747	702
File Description		Document		
Institutional data in prescribed format		<a href="#">View Document</a>		

**4.3****Total number of classrooms and seminar halls****Response: 81****4.4****Total number of computers in the campus for academic purpose****Response: 985**

**4.5****Total Expenditure excluding salary year-wise during last five years ( INR in Lakhs)**

2021-22	2020-21	2019-20	2018-19	2017-18
3099.71949	2982.10523	2076.67013	2519.654	3229.63639

## 4. Quality Indicator Framework(QIF)

### Criterion 1 - Curricular Aspects

#### 1.1 Curriculum Design and Development

**1.1.1 Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which is reflected in Programme outcomes (POs), Programme Specific Outcomes(PSOs) and Course Outcomes(COs) of the Programmes offered by the Institution.**

**Response:**

All the courses in any programme of study offered by Hemchandracharya North Gujarat University are developed having relevance to local, national and global developmental needs. Every department of study which offers any programme has a Board of Studies (BOS) comprising the faculty and external subject experts who after deliberations approve the syllabus of any course. Every programme presents programme outcomes, programme specific outcomes, and carries course outcomes of each course.

Additionally, each course/subject of any given programme carries course objective that unfolds the learning outcome for that course.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Link for Additional information	<a href="#">View Document</a>

**1.1.2 Percentage of Programmes where syllabus revision was carried out during the last five years.**

**Response:** 100

**1.1.2.1 How many Programmes were revised out of total number of Programmes offered during the last five years**

**Response:** 78

**1.1.2.2 Number of all Programmes offered by the institution during the last five years.**

**Response:** 78

File Description	Document
Minutes of relevant Academic Council/BOS meeting	<a href="#">View Document</a>
Minutes of relevant Academic Council/BOS meeting	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>
Details of Programme syllabus revision in last 5 years	<a href="#">View Document</a>
Link for additional information	<a href="#">View Document</a>

### 1.1.3 Average percentage of courses having focus on employability/ entrepreneurship/ skill development offered by the institution during the last five years

**Response:** 10.42

1.1.3.1 Number of courses having focus on employability/ entrepreneurship/ skill development year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
0	4	2	6	6

File Description	Document
Programme/ Curriculum/ Syllabus of the courses	<a href="#">View Document</a>
MoU's with relevant organizations for these courses, if any	<a href="#">View Document</a>
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>

## 1.2 Academic Flexibility

**1.2.1 Percentage of new courses introduced of the total number of courses across all programs offered during the last five years.**

**Response:** 100

1.2.1.1 How many new courses were introduced within the last five years.

Response: 78

#### 1.2.1.2 Number of courses offered by the institution across all programmes during the last five years.

Response: 78

File Description	Document
Minutes of relevant Academic Council/BOS meeting	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>

#### 1.2.2 Percentage of Programmes in which Choice Based Credit System (CBCS) / elective course system has been implemented (Data for the latest completed academic year).

Response: 100

##### 1.2.2.1 Number of Programmes in which CBCS / Elective course system implemented.

Response: 12

File Description	Document
Minutes of relevant Academic Council/BOS meetings	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>

### 1.3 Curriculum Enrichment

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

##### Response:

Co-curricular and Extracurricular Activities Institute integrates crosscutting issues relevant to professional ethics, gender, human values, environment and sustainability into the curriculum. Actually, the university decides the syllabus and Colleges has to follow it.

1. Gender Numbers of programs are conducted for women and girl students such as organization of folk dance competition, hemoglobin check up camps. The committee for Woman Anti harassment and internal complaint committee organizes programs on Woman Empowerment, Laws for Woman, Women's Day, The N.S.S. unit of our University has been very proactive in conducting different extension activities not only in University premises but also in adopted villages also. Major gender issues are focused and addressed through the activities like Save girl child campaign, Essay and poster exhibitions, wall paper presentations, etc.

2. Environment and Sustainability N.S.S. promotes environmental protection through tree plantation and

other sustainable development programs. Every year, N.S.S. unit undertakes a host of activities in the nearby villages during the special camps. In these camps, N.S.S. organizes various environment related programs including tree plantation, village cleanliness, cleaning of gutters, digging of soak peats, eradication of grass, plastic free drive, Poster Competition, Debate Competition, etc. Various activities like quiz and poster competitions, invited talks are organized to create awareness about nature, biodiversity, environment and sustainability. Different activities have been initiated by the University to save environment such as Cleanliness Campaigns at Temple places, Bus and Public spaces etc. The cleanliness program is organized to clean ponds, watering plant, Celebration of various days like World Environment Day, N.S.S. Day, etc.

3. Human Values and Professional Ethics to create scientific approach and social awareness among the students, lectures and quiz, essay, etc. are by NSS and other NGO or, govt. bodies. The University takes efforts for integration of ethical and human values through extra-curricular activities also. Programs conducted under N. S. S., N.C.C, and Department of Social Work help to inculcate human values among students. Guest lectures on value education have been organized for students. National festivals like Independence Day and Republic Day serve as a platform to enliven patriotic and moral values. Different social activities have been initiated by the University like Health and Hygiene awareness programs, AIDS awareness programs, Voter's awareness program, Road safety Campaign, Blood donation camps, etc.

File Description	Document
Upload the list and description of the courses which address the Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum	<a href="#">View Document</a>

### 1.3.2 Number of value-added courses for imparting transferable and life skills offered during last five years.

**Response:** 44

#### 1.3.2.1 How many new value-added courses are added within the last five years.

Response: 44

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>

### 1.3.3 Average Percentage of students enrolled in the courses under 1.3.2 above.

**Response:** 1.7

#### 1.3.3.1 Number of students enrolled in value-added courses imparting transferable and life skills offered year-wise during the last five years.

2021-22	2020-21	2019-20	2018-19	2017-18
28	15	32	15	33

### 1.3.4 Percentage of students undertaking field projects / research projects / internships (Data for the latest completed academic year).

**Response:** 8.06

#### 1.3.4.1 Number of students undertaking field projects or research projects or internships.

Response: 124

File Description	Document
List of Programmes and number of students undertaking field projects research projects/ / internships (Data Template)	<a href="#">View Document</a>
Link for additional information	<a href="#">View Document</a>

## 1.4 Feedback System

### 1.4.1 Structured feedback for design and review of syllabus – semester-wise / year-wise is received from 1) Students, 2) Teachers, 3) Employers, 4) Alumni

**Response:** A. All 4 of the above

File Description	Document
URL for stakeholder feedback report	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>
Action taken report of the University on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	<a href="#">View Document</a>

### 1.4.2 Feedback processes of the institution may be classified as follows:

**Response:** A. Feedback collected, analysed and action taken and feedback available on website

File Description	Document
URL for feedback report	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>



## Criterion 2 - Teaching-learning and Evaluation

### 2.1 Student Enrollment and Profile

#### 2.1.1 Demand Ratio (Average of last five years)

**Response:** 0.79

##### 2.1.1.1 Number of seats available year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
1973	2148	2084	2064	2247

#### File Description

#### Document

Demand Ratio (Average of Last five years) based on Data Template upload the document

[View Document](#)

#### 2.1.2 Average percentage of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per applicable reservation policy during the last five years (Excluding Supernumerary Seats)

**Response:** 100

##### 2.1.2.1 Number of actual students admitted from the reserved categories year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
799	838	824	747	702

#### File Description

#### Document

Average percentage of seats filled against seats reserved (Data Template)

[View Document](#)

### 2.2 Catering to Student Diversity

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

**Response:**

**All students have to attend a compulsory Induction Programme on admission.**

The wide range of continuous assessment components that include, Daily Home Assignments, Class Assignments, Seminars and Group Discussions, Additional Assignments, Quizzes, Class Tests, Projects, Internships, Viva-voce examinations and attendance, enable effective assessment of learning levels of students. In addition, teacher-student interactions, reports of Class Committees and Proctorial meetings help in identification of different levels of learners. Faculty members and various Committees regularly review the academic progress and counsel students to improve their performance to ensure their academic growth.

**Special measures taken to support relatively slow learners are as follows.**

- Organizing Extra Classes
- Remedial and Tutorial Classes are held to prepare them for remedial exams
- Assistance from classmates and senior students is arranged
- Providing tutorial assignments
- Providing lectures uploaded on web and extra reading material to improve basic understanding of subject
- Encouraging them to study courses on developing soft skills to master understanding of language
- Encouraging them to participate in various activities to develop social skills
- The Institute employs varied evaluations to test both Quality and Values.
- It has a continuous evaluation system with different types of assessments spread throughout the semester. Assessment of values is also a continuous process with focus on discipline, conscience, dignity of labour, respect for religion and culture and community participation.
- It implements well-defined models of evaluation with varied types of assessment to effectively evaluate outcomes, both at the course and the program level. Figures below show the models for theory and practical courses.

File Description	Document
Upload Any additional information	<a href="#">View Document</a>
Paste link for additional information	<a href="#">View Document</a>

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

**Response:** 27:1

File Description	Document
Any additional information	<a href="#">View Document</a>

## 2.3 Teaching- Learning Process

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

#### Response:

Teaching-learning methods adopted by the faculty members include Lecture Method, Interactive Method, Project-based Learning, Computer-assisted Learning, Experiential Learning, etc. The Teaching-learning activities are made effective through illustration and special lectures. Lessons are taught through PowerPoint presentations to make learning interesting besides oral presenting methods. Lecture method: This conventional method is commonly adopted by all teachers. This method facilitates the teacher to interpret, explain and revise the content of a text-only for better understanding of the subject by the learners. Interactive method: The faculty members make learning interactive with students by motivating student participation in group discussion, role-play, subject quiz, news analysis, discussion, and questions and answers on current affairs

Departments provide an effective platform for students to develop the latest skills, knowledge, attitude, values to shape their behavior in the correct manner. The department conducts innovative programs which stimulate the creative ability of students and provide them a platform to nurture their problem-solving skills and ensure participative learning. The department Implements student-centric methods of enhancing the lifelong learning skills of students.

Faculty members make efforts in making the learning activity more interactive by adopting student-centric methods.

1. Experiential Learning: Department conducts add-on programs to support students in their experiential learning. The department communicates the following experiential learning practices to improve creativity and cognitive levels of the students –

- Laboratory Sessions are conducted with content beyond syllabus experiments.
- Project development on latest technologies by students where they platform their working model in the technical fest.
- Industrial Visits to engage them in experiential learning while visiting the organization.

1. Participatory Learning: In this type of learning, students participate in different activities such as seminars, group discussions, wallpapers, projects, and skill-based add-on courses. Students are encouraged to participate in activities where they can use their specialized technical or management skills.

- Annual cultural program – This is organized every year for the students of the department to give an opening to their creativity.
- Regular Quizzes- Quizzes are organized for student participation at intra or inter-department levels.

- Seminar Presentation – Students develop technical skills while presenting papers in seminars.

1. Problem-solving methods: Department encourages students to acquire and develop problem solving skills. For this, the department organizes expert lectures on different topics; participate in different technical tests and other competitions.

- Regular assignments based on problems

- Mini Project development

- Regular Quizzes

- Case studies discussion

- Class presentations

- Debates within the department event.

In addition to the traditional teaching-learning methods, the institute is providing innovative student-centric methods such as Workshops, Seminars, Roleplay, Review web literature, Video, Demonstration, Activity-based learning, Guest lecture, GD/ debate, Peer learning groups, Google Classroom, Project-based learning, Real-time case studies, Worksheets, PPT, Journal Review, Research projects, Viva, Poster presentation, Public Speaking to encourage Participative, Problem-solving and Experiential learning.

File Description	Document
Upload any additional information	<a href="#">View Document</a>

### 2.3.2 Teachers use ICT enabled tools including online resources for effective teaching and learning process.

#### Response:

ICT tools empower both faculties and learners. They transform the teaching and learning processes from being highly teacher-dominated to becoming student-centric and this transformation results in increased learning gains for students, creating and allowing for opportunities for learners. In addition, they are cost-efficient and eliminate the usage of paper. They provide access to dynamic teaching and learning methods and facilitate easy student management. ICT is a powerful tool for educational change and reform. Appropriate use of ICT has helped the university raise the interest levels amongst the students and has helped connect learning to real-life situations. Students enjoy learning and perform better.

Besides the chalk-and-talk method of teaching, the university makes intensive use of ICT-enabled tools, including online resources for effective teaching and learning process. The faculty use ICT-enabled classrooms with Smart Boards, Multimedia projectors, Wi-Fi connectivity, software, and PowerPoint

presentations developed by faculties to expose the students to advanced knowledge and practical learning. The labs are updated with new software like Python, Matlab, Guassin 9, Capitaline, Proves, Microsoft Office, and the latest Excel utility. The university is 'going green and saving paper through the extensive use of ICT resources and other computing and storage facilities such as Cloud based Google Drive. The faculty uses different methods of teaching based on the need of the learners and the subject taught. They use conventional methods like lecturing, which is teacher-centered, and other methods which are interactive, collaborative, and ICT enabled such as Webex, Microsoft Teams, and Google Classroom. The institution is also using IT-enabled learning tools such as PPT, Video clippings, animations, and video demonstrations from online sources apart from providing reading materials and lab manuals through emails and other methods for an effective teaching-learning process. Apart from having a well-equipped ICT lab with an internet facility. Projectors are installed in all classrooms to incorporate new pedagogies in the teaching-learning process. A printing facility is available in all the labs. The students and faculty make use of email, group emails, and social networking tools for instantaneous communication and information dissemination.

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Provide link for webpage describing the " LMS/ Academic management system"	<a href="#">View Document</a>

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

**Response:** 27:1

#### 2.3.3.1 Number of mentors ?????????????? ???????

**Response:** 56

File Description	Document
Upload year wise, number of students enrolled and full time teachers on roll.	<a href="#">View Document</a>
mentor/mentee ratio	<a href="#">View Document</a>

## 2.4 Teacher Profile and Quality

### 2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years

**Response:** 106.67

File Description	Document
Year wise full time teachers and sanctioned posts for 5 years	<a href="#">View Document</a>

**2.4.2 Average percentage of full time teachers with Ph.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D’Lit. year-wise during the last five years**

**Response:** 86.74

**2.4.2.1 Number of full time teachers with Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. year wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
49	49	49	45	44

**File Description**

List of number of full time teachers with Ph D/D M/M Ch/D N B Superspeciality/DSc/D Lit and number of full time teachers for 5 years

**Document**

[View Document](#)

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

**Response:** 0.29

**2.4.3.1 Total experience of full-time teachers**

Response: 16

**File Description**

List of Teachers including their PAN, designation, dept and experience details

**Document**

[View Document](#)

**2.4.4 Average percentage of full time teachers who received awards, recognition, fellowships at State, National, International level from Government/Govt. recognised bodies during the last five years**

**Response:** 11.03

**2.4.4.1 Number of full time teachers receiving awards from state /national /international level from Government/Govt. recognized bodies year wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	1	0	5

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>

## 2.5 Evaluation Process and Reforms

**2.5.1 Average number of days from the date of last semester-end/ year- end examination till the declaration of results year-wise during the last five years**

**Response:** 52.2

**2.5.1.1 Number of days from the date of last semester-end/ year- end examination till the declaration of results year wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
59	56	53	43	50

File Description	Document
List of Programmes and date of last semester and date of declaration of results	<a href="#">View Document</a>

**2.5.2 Average percentage of student complaints/grievances about evaluation against total number appeared in the examinations during the last five years**

**Response:** 10.33

**2.5.2.1 Number of complaints/grievances about evaluation year wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
131	140	100	124	112

File Description	Document
Number of complaints and total number of students appeared year wise	<a href="#">View Document</a>

**2.5.3 IT integration and reforms in the examination procedures and processes (continuous internal assessment and end-semester assessment) have brought in considerable improvement in examination management system of the institution**

**Response:**

The University has almost fully integrated IT into its examination system. The first showcases university website and portal. Examination related all information are displayed on university website. The Examiners are appointed by Kalam's committee and Exam department communicated through E-mail and hard copy through courier. The examination forms are available on University portal through Infinity Infoway Pvt. Ltd, a strategic partner identified by the University. Students can submit their examination form to affiliated college and college fill them examination form online and submit the required fee through bank channel and submitted to the university. The result declaration process is completely online. Once the marks are available, there are sent to Result Center (computer section) from the examination department. Examination section is equipped with highly technical professionals, system analyst, programmers, data operators etc., The professionals at computer center develop adequate programs as per the scheme of the examination. The relevant data are entered, processed and the results are prepared. The results are displayed on website and the students can download their results from website. All reassessment, re-checking applications are available online and may be filled through portal.

File Description	Document
Year wise number of applications, students and revaluation cases	<a href="#">View Document</a>
Link for additional information	<a href="#">View Document</a>

**2.5.4 Status of automation of Examination division along with approved Examination Manual**

**Response:** Only student registration, Hall ticket issue & Result Processing

File Description	Document
Current manual of examination automation system and Annual reports of examination including the present status of automation	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**2.6 Student Performance and Learning Outcomes**

**2.6.1 The institution has stated learning outcomes (generic and programme specific)/graduate attributes which are integrated into the assessment process and widely publicized through the website and other documents**

**Response:**

The department improves student learning by way of giving excellent self-learning mode, assisted learning, and hands-on experience. The advanced computing, internet, and Wi-Fi facilities are arranged and e-learning facilities are made available to improve the student learning activities. The direct assessment



signifies the students' show informative & summative examinations, seminars, assignments, etc. Through these tools, the attainment of COs is quantified. Formative assessment - the teachers work continuous valuation during the study to measure and improve student learning. The methods applied to yield critical information for monitoring an individual's acquisition of knowledge and skills, evaluate analytical thinking, decision making, and problem-solving abilities. Measures applied include viva voce and written tests theory (internal assessment) 'theory & Practical's during the course delivery. Internal Assessment: This is a formative assessment, used to evaluate the academic performance of the student periodically. Seminars: The students are required to present a seminar on the course of study. The goal of the seminar presentation is to assess students' interaction with peers and teachers on assigned topics. The content, preparation, presentation, and conversation abilities are evaluated. Assignment: The assignment is aimed to assess students' understanding of the allotted topic, ability to gather information, understanding of the content, comprehension, innovation/ideas, Analytical/critical thinking, interpretation skills, and written communication skills concerning the learning outcomes. Viva-voce: The subject teacher regularly interacts with the student during the practical classes to evaluate the extent of knowledge and ability for critical thinking. Project work: The final semester students take up group research projects under the guidance of a faculty member. The ability of the students - to plan and then execute the plan by designing and conducting experiments; analysing & interpreting data and delivering the outcomes within a time frame is measured. Summative assessment - Complete assessment of learning outcomes is done at the end of the semester. The approaches applied are the end semester University examination that is conducted both in theory and practical at the end of the semester covering the complete syllabus. Results of end-semester examinations help regulate the academic performance of the students at the end of the course besides the extent of outcomes that have been attained.

File Description	Document
Upload COs for all courses (exemplars from Glossary)	<a href="#">View Document</a>
Paste link for Additional Information	<a href="#">View Document</a>

### 2.6.2 Attainment of Programme outcomes, Programme specific outcomes and course outcomes are evaluated by the institution

#### Response:

HNGU has adopted outcome-based education mechanism to ensure the attainment of course outcomes and program outcomes. The objective and outcomes are properly mapped for testing and evaluation of students so that PSO's are attained through competency mapping in terms of knowledge and skills. The Departments adopt both direct and indirect methods of assessment to ensure the attainment of PO's and CO's. PO's and CO's are also well documented in the various syllabuses.

Direct Assessment methods Internal Test

- Group discussion
- Laboratory performance (Term work)

- Student projects
- Assignments
- Semester Test
- End term Theory Result
- The score of this assessment is taken into account for evaluation CO's.

#### Indirect Assessment Methods Feedbacks

- Alumni survey
- Co-curricular activities
- Extracurricular activities

Feedback mechanism is used to improve Teaching learning process in outcome-based education. Internal assessment is the requirement of the continuous assessment and is essential for the fulfillment of the COs and PO's. There is an internal examination committee that deals with the effective implementation of the evaluation reforms regarding the attainment of course outcomes and programme outcomes.

The committee initiates a few steps such as Unit Tests, Field Survey, Study Tours, Practical Work, Seminars, and Internships etc. Besides, The HNGU also tries to attain the course outcomes and program outcomes by conducting the activities such as cultural activities, N.S.S, Red Cross ,Career Counseling, Personality Development Program, and Communication Skills, organizations of Scholarly Lectures Health Awareness Programs women empowerment program celebration of day etc.

#### 2.6.3 Pass Percentage of students(Data for the latest completed academic year)

**Response:** 93.9

2.6.3.1 Total number of final year students who passed the examination conducted by Institution.

Response: 739

2.6.3.2 Total number of final year students who appeared for the examination conducted by the Institution.

Response: 787

File Description	Document
Upload list of Programmes and number of students passed and appeared in the final year examination	<a href="#">View Document</a>
Upload any additional information	<a href="#">View Document</a>

## 2.7 Student Satisfaction Survey

### 2.7.1 Online student satisfaction survey regarding teaching learning process

**Response:**

<b>File Description</b>	<b>Document</b>
Upload database of all currently enrolled students	<a href="#">View Document</a>

## Criterion 3 - Research, Innovations and Extension

### 3.1 Promotion of Research and Facilities

**3.1.1 The institution's Research facilities are frequently updated and there is a well defined policy for promotion of research which is uploaded on the institutional website and implemented**

**Response:**

To acquire excellence in teaching and research by university need state-of-the-art sophisticated equipments, and support facilities. These equipments and facilities help the faculty, research scholars, and students to carry out globally competitive R & D in basic and applied sciences. Since individual researchers may not be able to generate huge research funds for the research instruments, a few years back in 2014 Central Instrumentation Maintenance Facility (CIMF) was started at HNG University with a mission to enrich the resources on a shared basis for promoting R and D with the following objectives.

To strengthen technological infrastructure to carry out advanced research in various science disciplines under one roof and make their services available to academic departments.

To provide guidance for the acquisition of data and train personnel in the operation and maintenance of Sophisticated Instruments.

To organize short-term courses/workshops on the use and application of various spectroscopic and analytical techniques for students, teachers, and technical personnel from our University, affiliated institutions, universities, and industry in the region.

File Description	Document
Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
URL of Policy document on promotion of research uploaded on website	<a href="#">View Document</a>

**3.1.2 The institution provides seed money to its teachers for research (average per year, INR in Lakhs)**

**Response:** 3.4

**3.1.2.1 The amount of seed money provided by institution to its faculty year-wise during the last five years (INR in lakhs).**

2021-22	2020-21	2019-20	2018-19	2017-18
17	0	0	0	0

File Description	Document
Minutes of the relevant bodies of the University	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>

### 3.1.3 Percentage of teachers receiving national / international fellowship / financial support by various agencies for advanced studies / research during the last five years.

**Response:** 0.37

#### 3.1.3.1 The number of teachers who received national / international fellowship / financial support by various agencies for advanced studies / research year-wise during the last five years.

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	0	0	1

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>

### 3.1.4 Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other research fellows enrolled in the institution during the last five years.

**Response:** 291

#### 3.1.4.1 The Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other research fellows enrolled in the institution year-wise during the last five years.

2021-22	2020-21	2019-20	2018-19	2017-18
115	37	137	2	0

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**3.1.5 Institution has the following facilities to support research**

1. Central Instrumentation Centre
2. Animal House/Green House
3. Museum
4. Media laboratory/Studios
5. Business Lab
6. Research/Statistical Databases
7. Mootcourt
8. Theatre
9. Art Gallery
10. Any other facility to support research

**Response:** C. 2 of the above

File Description	Document
Upload the list of facilities provided by the university and their year of establishment	<a href="#">View Document</a>
Upload any additional information	<a href="#">View Document</a>

**3.1.6 Percentage of departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other recognitions by national and international agencies (Data for the latest completed academic year)**

**Response:** 5.56

**3.1.6.1 The Number of departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other similar recognitions by national and international agencies.**

**Response:** 1

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
e-version of departmental recognition award letters	<a href="#">View Document</a>

**3.2 Resource Mobilization for Research****3.2.1 Extramural funding for Research (Grants sponsored by the non-government sources such as industry, corporate houses, international bodies for research projects) endowments, Chairs in the University during the last five years (INR in Lakhs).**

**Response:** 0

**3.2.1.1 Total Grants for research projects sponsored by the non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution year-wise**

during the last five years (INR in Lakhs).

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	0	0	0

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>

**3.2.2 Grants for research projects sponsored by the government agencies during the last five years (INR in Lakhs).**

**Response:** 72.86

**3.2.2.1 Total Grants for research projects sponsored by the government agencies year-wise during the last five years (INR in Lakhs).**

2021-22	2020-21	2019-20	2018-19	2017-18
0	7.00	0	32.4384	33.4192

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
e-copies of the grant award letters for research projects sponsored by government	<a href="#">View Document</a>

**3.2.3 Number of research projects per teacher funded by government and non-government agencies during the last five years**

**Response:** 0

**3.2.3.1 Number of research projects funded by government and non-government agencies during the last five years.**

**3.2.3.2 Number of full time teachers worked in the institution year-wise during the last five years..**

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>

### 3.3 Innovation Ecosystem

### 3.3.1 Institution has created an eco system for innovations including Incubation centre and other initiatives for creation and transfer of knowledge.

#### Response:

University has produced a conducive environment for promotion of Innovation and Incubation. All required facilities are provided and Guidance is extended to the students. Students are encouraged to actively involve in the application of Technology for societal needs. Necessary support is provided for Documentation, Publication of Research Papers and also for obtaining patents.

Awareness meets, workshops, seminars and guest lectures on Entrepreneurship are organized. Students are provided opportunities to directly interact with outstanding entrepreneurs excelling in their field. University industry linkage cell has creating awareness on marketing the products.

The sole objective of the Incubation Center is to facilitate students to convert their Ideas into Technological Innovations. Students are provided facilities to build prototypes useful for promotion of Agriculture and Rural Development. Financial Assistance is provided for major and minor Research Projects. Workshops on emerging trends in Technology are held. Model Expos are held. Students are encouraged to gain hands on experience and better Industrial Exposure.

university departments is encouraging students to develop their Prototypes.

Two Patents are awarded to the Faculty in the yea 2020, 2021.

During the last five years 91 PhD's are produced by the departments under 56 recognised guides. Through various activities students are exposed to national and international environments and get inspiration about innovations. The Local Entrepreneurs are invited to address the students and inspire them.

### 3.3.2 Number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR),entrepreneurship, skill development during the last five years.

Response: 28

#### 3.3.2.1 Total number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR),entrepreneurship, skill development year-wise during the last five years.

2021-22	2020-21	2019-20	2018-19	2017-18
0	10	4	5	9



File Description	Document
Report of the event	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>

### 3.3.3 Number of awards / recognitions received for research/innovations by the institution / teachers / research scholars / students during the last five years.

**Response:** 4

#### 3.3.3.1 Total number of awards / recognitions received for *research* / innovations won by institution / teachers / research scholars / students year-wise during the last five years.

2021-22	2020-21	2019-20	2018-19	2017-18
0	3	0	0	1

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
e- copies of award letters	<a href="#">View Document</a>

## 3.4 Research Publications and Awards

**3.4.1 The Institution ensures implementation of its stated Code of Ethics for research through the following: 1. Inclusion of research ethics in the research methodology course work 2. Presence of Ethics committee 3. Plagiarism check through software 4. Research Advisory Committee**

**Response:** B. 3 of the above

File Description	Document
Code of ethics for Research document, Research Advisory committee and ethics committee constitution and list of members on these committees, software used for Plagiarism check, link to Website	<a href="#">View Document</a>

**3.4.2 The institution provides incentives to teachers who receive state, national and international recognitions/awards 1. Commendation and monetary incentive at a University function 2. Commendation and medal at a University function 3. Certificate of honor 4. Announcement in the Newsletter / website**

**Response:** D. 1 of the above

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
e- copies of the letters of awards	<a href="#">View Document</a>

### 3.4.3 Number of Patents published / awarded during the last five years.

**Response: 2**

#### 3.4.3.1 Total number of Patents published / awarded year-wise during the last five years.

2021-22	2020-21	2019-20	2018-19	2017-18
0	1	1	0	0

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 3.4.4 Number of Ph.D's awarded per teacher during the last five years.

**Response: 4.79**

#### 3.4.4.1 How many Ph.D's are awarded within last five years.

Response: 91

#### 3.4.4.2 Number of teachers recognized as guides during the last five years

Response: 19

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
URL to the research page on HEI web site	<a href="#">View Document</a>

### 3.4.5 Number of research papers per teachers in the Journals notified on UGC website during the last five years

**Response: 5.33**

#### 3.4.5.1 Number of research papers in the Journals notified on UGC website during the last five

years.

2021-22	2020-21	2019-20	2018-19	2017-18
70	55	36	64	65

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 3.4.6 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years

**Response:** 0.63

#### 3.4.6.1 Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year-wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
7	4	9	11	3

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 3.4.7 E-content is developed by teachers :

1. For e-PG-Pathshala
2. For CEC (Under Graduate)
3. For SWAYAM
4. For other MOOCs platform
5. Any other Government Initiatives
6. For Institutional LMS

**Response:** E. None of the above

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>

**3.4.8 Bibliometrics of the publications during the last five years based on average citation index in Scopus/ Web of Science or PubMed****Response:**

<b>File Description</b>	<b>Document</b>
Bibliometrics of the publications during the last five years	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**3.4.9 Bibliometrics of the publications during the last five years based on Scopus/ Web of Science - h-index of the Institution****Response:**

<b>File Description</b>	<b>Document</b>
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**3.5 Consultancy****3.5.1 Institution has a policy on consultancy including revenue sharing between the institution and the individual and encourages its faculty to undertake consultancy.****Response:**

DEPARTMENT OF COMMRECE AND MANAGEMENT  
HEMCHANDRACHARYA NORTH GUJARAT UNIVERSITY

Yes, Department has a consultancy policy and it encourages its faculties to undertake personal consultancy research projects and corporate training. Rules regarding consultancy have been framed and revenue sharing general consultancy rules, scope of consultancy offered and standard terms and conditions are included in Consultancy policy.

Consultancy services are offered to industries, service sector, Government department and other national and international area in the expertise available in the department. The services are offered along the lines of professional services. Consultancy Services cover varieties of activities such as management consultancy Feasibility Studies, Technical Analysis, research project, research paper, and Tax Management.

Type of consultancy	University sharing	Personal Consultancy sharing
Personal	20%	80%
Research projects	40%	60%
Corporate training	20%	80%

File Description	Document
Upload soft copy of the Consultancy Policy	<a href="#">View Document</a>
Upload minutes of the Governing Council/ Syndicate/Board of Management related to consultancy policy	<a href="#">View Document</a>
Paste URL of the consultancy policy document	<a href="#">View Document</a>

### 3.5.2 Revenue generated from consultancy and corporate training during the last five years (INR in Lakhs).

**Response:** 20.06

#### 3.5.2.1 Total amount generated from consultancy and corporate training year-wise during the last five years (INR in lakhs).

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	0	20.06	0

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
Audited statements of accounts indicating the revenue generated through consultancy	<a href="#">View Document</a>

## 3.6 Extension Activities

### 3.6.1 Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the last five years.

**Response:**

Additional Information Teaching-Learning, Research, and Extension activities are the three pillars for the success of Higher Education institution. Keeping this in mind, university has always kept an upfront approach towards the community outreach programs. The University encourages regular engagement of its students and faculty members with the community. It intends to teach social values like teamwork, concern for the poor, open-mindedness, critical thinking, positive attitude, commitment to social service, and tolerance and responsibility towards society. It aims at encouraging and motivating the students to share their skills and talents for social service. The activities undertaken under the University's Extension Programme include workshops, training, awareness programs, field trips, camps, community work and projects, extension lectures, adoption of slums, exhibitions, endowment lectures, and survey programs in the vicinity and the neighborhood of the University. The University ensures the involvement of the

community in its outreach activities and contributes to community development through: Identifying the needs and requirements of the community and organizing

- Activities based on their needs. Active involvement of community and students in planning and
- Implementation of the activities. Organizing awareness drives, medical camps, community interactions, and
- donations to support them Conducting surveys, fieldwork, and students' participation in community
- work as the components of an extension program to enhance social sensitivity. Involving students and community in problem-solving, situational
- analysis, reflection, and understanding of systemic marginalization of vulnerable groups, i.e., women, children, older people, and the BPL, to comprehend the problems faced by the residents of the community Facilitating innovative rural, urban, slum welfare programmes through
- Prevention of child labor and protection of child rights
- Dissemination of essential information regarding pregnancy, lactation, and
- Child care Women empowerment and self-reliance through skill development
- Generation of awareness about social evils and harmful practice
- Creation of healthy and hygienic environment
- Development of a scientific temper and rational mind
- Promotion of literacy and dignity of labor
- Development of sensitivity towards underprivileged /mentally and

The initiatives taken by the University to encourage community participation through its activities are:

Population issues in India

Human Rights issues

Traffic rules

Basic Banking procedures

Women's issues and rights

Emergency services Census of India

Importance of blood donation

Saving schemes of Post office

Entrepreneurial skills

Empowerment skills for women

- Awareness programmes on:

Cancer

HIV–AIDS

Nutrition and healthy diet

- Health Awareness and Check-up Camps on:

Breathing techniques and Yoga

Hemoglobin Check-up

Health education

Breast Cancer for women

The University believes in imparting holistic education for the overall development of its students to groom them as active members of the civil society, and responsible and informed citizens of the country.

### **3.6.2 Number of awards received by the Institution, its teachers and students from Government /Government recognised bodies in recognition of the extension activities carried out during the last five years**

**Response: 6**

#### **3.6.2.1 Total number of awards and recognition received for extension activities from Government/ Government recognised bodies year-wise during the last five years.**

2021-22	2020-21	2019-20	2018-19	2017-18
2	0	1	2	1

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
e-copy of the award letters	<a href="#">View Document</a>

### 3.6.3 Number of extension and outreach programs conducted by the institution through NSS/NCC, Government and Government recognised bodies during the last five years

**Response:** 124

#### 3.6.3.1 Number of extension and outreach programs conducted by the institution those through NSS/NCC, Government and Government recognised bodies during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
26	17	21	36	24

File Description	Document
Reports of the event organized	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>

### 3.6.4 Average percentage of students participating in extension activities listed at 3.6.3 above during the last five years

**Response:** 664.93

#### 3.6.4.1 Total number of students participating in extension activities listed at 3.6.3 above year-wise during the last five years.

2021-22	2020-21	2019-20	2018-19	2017-18
3288	2747	3384	33663	2922

File Description	Document
Report of the event	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>

## 3.7 Collaboration



**3.7.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship per year****Response:** 1.2**3.7.1.1 Total number of Collaborative activities with other institutions / research establishment / industry for research and academic development of faculty and students year-wise during the last five years.**

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	0	0	6

**File Description****Document**

Institutional data in prescribed format

[View Document](#)**3.7.2 Number of functional MoUs with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years.****Response:** 22**3.7.2.1 Number of functional MoUs with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research year-wise during the last five years.**

2021-22	2020-21	2019-20	2018-19	2017-18
9	5	3	4	1

**File Description****Document**

Institutional data in prescribed format

[View Document](#)

Any additional information

[View Document](#)

## Criterion 4 - Infrastructure and Learning Resources

### 4.1 Physical Facilities

**4.1.1 The institution has adequate facilities for teaching - learning. viz., classrooms, laboratories, computing equipment, etc.**

**Response:**

All departments have all the required facilities for teaching. The departments have well-furnished separate cabins for the faculty members with the atmosphere conducive for regular interaction with the students who come for counseling, guidance and clarifications. Internet facility is available in the faculty cabins with BSNL broadband connections, in addition to the Wi-Fi enabled for the campus. The students can access the internet in the computation centre as well as the NAMO Wi-Fi available in the campus. Apart from central library, department has utility-based library. Department has 04 classrooms, which are with the ICT facility. Faculty Members are given a laptop/ Desktop as a teaching-learning tool. There are independent clerk's offices for administrative operations. Most of Department have separate building.

English Department also has the language lab which was established in 2012. It helps the students to improve language and communication. There is a master console and computers are available for students also. On the big screen students watch movies related to literature. Teachers also use to share PPTS' videos and photos.

The Department of Biotechnology has two laboratories for Masters Students. One media room, one microbiology laboratory, one molecular biology laboratory and one computer laboratory with 15 computers

The Department of Hospital Management has been equipped with technology-based Audio-visual aids, smart boards. A fully equipped computer laboratory, well-stocked library with e-journals and Wi-Fi enabled campus makes teaching-learning tech-savvy and more efficient.

The Institute of Architecture has a total of 5 studios and 1 lecture room, dedicated to the graduation course. Each of the studios is equipped with 40 adjustable tilt drawing tables which provide a huge degree of ergonomic comfort to students while drafting. While one separate building with 176sqm floor area and two floors has studio space for the post-graduation students. The institute also houses clay workshop, carpentry workshop, metal workshop, climatology Laboratory, Survey Laboratory. The library is equipped with various books dealing with various aspects of Architectural design and the Profession, and is also subscribed to various newspapers. The library also receives a number of magazines on Architecture and Interior design to add to the resources available to the students. The department has an air conditioned computer laboratory with 2 plotters and an A3 photocopy machine to cater to the need of the students in-house to a large extent. 2 of the studios are equipped with LCD Projectors and two Projectors are also available for classes without fixed ones. The Construction Yard maintained by the Institute is a sandbox for students to experience the various materials first hand and better understand the pros and cons of each. The physical infrastructure is complemented with the availability of software like AutoCAD, Revit and 3Dmax for various design works. CorelDRAW suite and Photoshop are also available on campus for presentation sheet preparation. The Adobe Creative Cloud – All Apps license allows the students to use various other software such as InDesign, Illustrator etc. as well. Sketch-up Pro and City Engine are also available for 3D and Urban Design Works respectively.

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Paste link for additional information	<a href="#">View Document</a>

#### 4.1.2 The institution has adequate facilities for cultural activities, yoga, games and sports (indoor & outdoor); (gymnasium, yoga centre, auditorium, etc.,)

##### Response:

The university has an auditorium for cultural activities. Whose capacity is as follows.

1. Cultural hall with AC facility with 800 seating arrangements.
2. Cultural hall with AC facility with 400 seating arrangements.
3. Cultural hall with AC facility with 150 seating arrangements.
4. Cultural hall 400 seating arrangements. (Rangbhavan)
5. Cultural hall with 200 seating arrangements. (GandhiSmruti)

In addition there is ample facilities for indoor and outdoor sports. There are yoga centers and gyms, which are taken advantage of by students and professors.

Our University having a well maintained campus spread acres of serene green land. Our Management believes in the all-round development of our students. There is a lot of encouragement for the students to participate in sports and culture activities. We have almost all common Sports equipments, with it pupils can play In door games like table tennis, chess, caroms etc., We have a Yoga Class room where students and faculty members do meditate and even practice yoga. Physical Directors are been called to take care of day to day games and sports activities of the college. College teams are formed to take part in state level and University level competitions and other intercollegiate competitions. Sports event competitions are conducted in the interdepartmental level in an academic year accordingly. The outdoor games such as shuttle badminton, volley ball, throw ball, cricket, etc., are well practiced and played by the students.

Students are very much encouraged to participate in the cultural events held in the college like “Talent”, Fresher’s parties, Annual Sports Day, Annual Day, Farewell etc., to exhibit cultural talents. Students are even sent to other colleges for intercollegiate competitions like dances, skits, mimicries etc., Games Committee who play an excellent role for over all development of the student’s community.

The University has organized “youth festival” every year. University Department’s Students have participated in the program.

Institute of Architecture has within its building premises a volleyball court and indoor games such as Chess and Carom are also setup in the institute. The institute also has an open Cricket ground and is one of the widely used areas along with the volleyball court.

The Institute also has an open air amphitheatre and a performance stage with stepped sitting. In addition to these an auditorium of 250 seats capacity is also exclusively available to the students. These performance

areas provide for an opportunity for the students to explore their artistic performance sides, hugely driving forth the idea of cultural promulgation. Various performing art forms such as dancing, singing, theatre etc. are held at the institute owing to availability of these infrastructures.

The university has separate healthcare Centre. Separate Hostels for boys and girls in all campus. Campuses are under the surveillance of CCTV cameras.

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Geotagged pictures	<a href="#">View Document</a>

#### 4.1.3 Availability of general campus facilities and overall ambience

##### Response:

The Overall ambience and general campus facilities are sufficient to meet the needs of students and staff. There are Residential quarters for Officers and supporting staff of HNGU. For Vice chancellor, pro-vice chancellor, Registrar, Finance officer and other special officer stay we have separate bungalows in campus. The campus is full of greenery and well served with internal roads. The HNGU has its own transport facility for the benefit of its student for commutation between the departments in campus. For internal purposes there are 2 electric vehicles and goods transport vehicle also. There is primary well equipped health centre of university for department students. Guest house separate sports complex well equipped laboratories and Canteen & Mess Facilities are also available. There are more than 5000 tree and 300 saplings medicinal plants. The Atmosphere of the campus is environment friendly. The ambience has positive impact on teaching learning process, and students, staff and visitors enjoy the natural ambience on the campus. Campus also has Bank, Post office, ATM facility of HDFC Bank. There are various tree and plants maintained by the university, Planting of tree is a continues process and on each environmental day and national festival whenever guest and VIP guest visit to the campus new plants will be added. To maintained the greenery many initiatives are undertaken by the university to make the campus eco friendly. Department is also equipped with Solar roof top panels to contribute towards energy saving and generating slogan of government. University has a women center. There are big parking facilities, RO Water Drinking facilities, Fire safety and solar panel. The University campus is Wi-Fi.

The campus consists of a complex of single and two storied buildings connected with passages and pathways and creating multiple open areas in between. The various courtyards enclosed within the building are well maintained with plantation of indigenous grass and other plants which are mowed and trimmed regularly and thus create a beautiful ambience of greenery. This adds a layer of calm to the campus while also adding a vibrant layer to it. The open performance areas of the campus are regular gathering spots, even other than times of performances. These areas promote a lot of social interaction among the students encouraging a strong sense of camaraderie and belonging. The campus is well equipped with the required utilities and other infrastructural facilities such as the learning and sports setups that create an atmosphere of holistic development and encourage to students to explore all the aspects that an individual can develop themselves in positively.

The University has established an Oxygen Plant worth Rs. 1 core to supply Oxygen to the clinic and hospitals as a response to the covid Pandemic. Thus discharging its social responsibility.

The University has Boys and Girls hostels. The university has also ST (both boys and Girls) Hostel.

File Description	Document
Upload any additional information	<a href="#">View Document</a>

#### 4.1.4 Average percentage of expenditure for infrastructure augmentation excluding salary during the last five years (INR in Lakhs)

**Response:** 3.89

##### 4.1.4.1 Expenditure for infrastructure augmentation, excluding salary during the last five years (INR in lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	141.53027	318.15047	0

File Description	Document
Upload audited utilization statements	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>

## 4.2 Library as a Learning Resource

### 4.2.1 Library is automated using Integrated Library Management System (ILMS) and has digitisation facility

**Response:**

University Central Library facility

Membership:

- Delnet
- UGC Infonet
- INFLIBNET

- ACS Journal of Chemical Education
- Indian Library Association Delhi
- IASLIC Culcutta

#### Collection

- Books : 88,450
- Dissertation : 1,553
- Theses : 2,058
- Back volumes of the Periodicals : 3,375
- Visual Media : 1257
- Current Periodical : 128

S. K. College of Business Management has a Departmental Library. As such department is having a dedicated library for our department students only where we follow Book bank system, we issue a set of books each semester. In the year 2016-17 departmental library was having total of 10446 books.

The Department of Computer Science & R. J. Computer Center has central library. There is an Open Access Catalogue for students and staff. The reading room is well furnished to accommodate students at a time and provides peaceful environment for study. Exclusive reference section is available in the library. A visitor's book is maintained for students and staff.

New arrivals of books and journals are displayed on separate stands and racks. Security of resources is ensured through a system of checking at the exit point for all resources borrowed by the users. Visitors are also required to sign noting the time of entry and exit. CCTV cameras are installed in the library for strict surveillance.

There is also a separate chamber has been made for PhD scholars where they can sit in and does their relative work. PhD room also gets computer with internet access for most recent access of resources.

The Department of Commerce & Management has own Library and it is integrated knowledge resource centers comprising with nearly 11517 books, 31 national and 9 international journals and CD-ROMs and 42 E-books. It is using automated Software for University Libraries (SOUL). It has access to e-journals under the e-shodhganga program of INFLIBNET. The library has also purchased Prowess IQ (Prowess for Interactive Querying). It also has access to DELNET under institutional membership. All e-resources are accessible locally within the campus as well as remotely. University Library building is centrally located and well laid out and maintains the right atmosphere for learning. Library building has provision for both individual and group studies, holdings also include dissertations, doctoral theses and project reports on various subjects. The library also provides access to Internet as well as CD/DVD based electronic

resources

Department of Hospital Management has a departmental library. At present, digitization of library is under process.

Institute of Architecture has a departmental library. There are many books, periodicals, dissertations etc.

File Description	Document
Upload any additional information	<a href="#">View Document</a>

**4.2.2 Institution has access to the following: 1. e-journals 2. e-ShodhSindhu 3. Shodhganga Membership 4. e-books 5. Databases 6. Remote access to e-resources**

**Response:** A. Any 4 or more of the above

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>

**4.2.3 Average annual expenditure for purchase of books/ e-books and subscription to journals/e-journals during the last five years (INR in Lakhs)**

**Response:** 35.74

4.2.3.1 Annual expenditure for the purchase of books and journals including e-journals year-wise during last five years (INR in Lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
10.40356	13.93412	3.44412	127.4186	23.4902

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

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

**Response:** 3.51

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

Response: 56

File Description	Document
Details of library usage by teachers and students (Library accession register, online accession details to be provided as supporting documents)	<a href="#">View Document</a>

**4.3 IT Infrastructure****4.3.1 Percentage of classrooms and seminar halls with ICT - enabled facilities such as LCD, smart board, Wi-Fi/LAN, audio video recording facilities. (Data for the latest completed academic year)**

Response: 69.14

**4.3.1.1 Number of classrooms and seminar halls with ICT facilities**

Response: 56

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>

**4.3.2 Institution has an IT policy, makes appropriate budgetary provision and updates its IT facilities including Wi-Fi facility**

Response:

**Department of Library & Information Science**

The department has a laboratory with 22 computers with network connection. In addition there is a projector. Wi-Fi facility is available in the department so that students can work through their mobiles and laptops. Soul software for libraries has been developed by INFLIBNET for educational institutions in India. This is available and is being used by students and professors. Additional 3 computers for Head of the Department, Clerk, Asst. Professor are available. Total 22+3=25 computers are available in the department

**Department of Journalism & Mass Communication**

Institution has an IT policy, makes appropriate budgetary provision and updates its IT facilities

University is provided equipment related to the IT like computer lab and classrooms with LAN connection, Laptops and desktops are provided to each faculty and desktops facility is also provided for all stakeholders.



University sections like Estate, result center, and account are looking for Physical facilities, Equipments, and budgetary provisions respectively.

### **S. K. College of Business Management**

University is provided equipment related to the IT like computer lab and classrooms with LAN connection, Laptops and desktops are provided to each faculty and desktops to Non-teaching staff like clerk and librarian. Wi-Fi (NAMO) facility is also provided for all stakeholders.

University sections like Estate, result center, and account are looking for Physical facilities, Equipments, and budgetary provisions respectively.

### **Department of Computer Science & R. J. Computer Center**

Department has clear policy regarding Information Technology, The department has been always in the forefront adopting technologies and providing IT enabled service to all its stakeholders .The policy provides a framework a use of IT infrastructure and also lays down Vision and Mission of the University in making all its task IT enabled, it also outlines a mechanism for establishing and maintaining the IT infrastructure at campus. Department has appropriate budgetary provision for expansion and updating its IT facilities including wifi.

### **Institute of Architecture**

The University provides its students with state of the art, well-furnished computer labs, with 30 computers exclusively for students; computing centers with internet enabled computers to serve the day-to-day computing needs of students;

Internet at a speed of 1 Gbps access for internet browsing requirements. All the campuses are wi-fi enabled.

NIC has been providing LAN internet to University free of cost since 2011.

The department has NAMO WiFi for internet surfing.

### **Department of Hospital Management**

There's an established system of adaptation of Information Technology and Internet connectivity . Appropriate budgetary provisions have been made for this and it's updated every year keeping in view the changing requirements. The Institute if wi-fi enabled and there's a fully equipped computer lab with adequate number of computers with internet connectivity. All offices in the Institute are have a computer with LAN networking.

File Description	Document
Upload any additional information	<a href="#">View Document</a>

**4.3.3 Student - Computer ratio (Data for the latest completed academic year)****Response:** 2:1

File Description	Document
Student – computer ratio	<a href="#">View Document</a>

**4.3.4 Available bandwidth of internet connection in the Institution (Leased line)****Response:** B. 500 MBPS - 1 GBPS

File Description	Document
Details of available bandwidth of internet connection in the Institution	<a href="#">View Document</a>

**4.3.5 Institution has the following Facilities for e-content development**

1. Media centre
2. Audio visual centre
3. Lecture Capturing System(LCS)
4. Mixing equipments and softwares for editing

**Response:** E. None of the above

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>

**4.4 Maintenance of Campus Infrastructure****4.4.1 Average percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the last five years****Response:** 100**4.4.1.1 Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year-wise during the last five years (INR in lakhs)**

2021-22	2020-21	2019-20	2018-19	2017-18
3099.71	2982.10523	2076.67013	2519.654	3229.63639

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>

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

##### **Response:**

There are established system and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. University has exclusive departments to look for different works and procedures for maintenance and utilization purpose as follows. Estate department is basically looking for all kinds of physical (infrastructure) facilities both indoors and outdoors like washrooms, class rooms, roads, gardens, furniture etc. Gardeners, sweepers and all other staff of Estate department is periodically maintaining and develop all above as per requirements. It is their responsibility to ensure the cleanliness of the facilities and to keep it in good condition. Result center is taking care of the computers, laptops and other software and hardware related maintenance. As the procedures regarding the all maintenance problem or issues are addressed after filing complain to respective sections.

The Civil Engineer coordinates the university's efforts for disaster preparedness (like fire, earthquake, etc). He is responsible for conducting mock drills with staff and students for disaster preparedness. Apart from the indoor facilities, he also sees to the maintenance of the outdoor areas such as- playground, parking areas, lawns, gardens etc. As a policy, faculty members, staff, lab assistants, drivers and other service personnel are given responsibility to maintain the equipment under their supervision and report to the Civil Engineer if additional maintenance assistance is required for that equipment. There is an annual maintenance contract given through university for various physical facilities like computer lab, Drinking water and RO system. A separate annual budgetary provision is made for above mentioned facilities.

In Institute of Architecture the various facilities are maintained through various small committees/teams (usually consisting of two faculties) that are responsible to look after and report on the condition of the same. If a certain facility is found out of order, the same is reported to the head clerk and required requests put up with the University for Rectification or troubleshooting. This is ensured through a weekly inspection of the respective facilities by the responsible team or during the check of the same upon receiving a request from any of the students for the use thereof. The usage of facilities such as classrooms, library, computer lab and sports complex is governed by open hours, which are specified for each. During the hours that these facilities are open, the students have unfettered access to them. The library access is open during the library hours, however, at a time the books that can be issued by a student is limited. Books classified as references cannot be issued and can only be referred in the library. The students are free to take notes from these books. Sensitive or fragile facilities such as surveying lab., workshops etc. are only accessible to students under the supervision of the facility in-charge or the responsible team for the said facility. During the presence of the facility in-charge, the abovementioned procedure is not applicable and the students are free to use the facility in presence of the facility in-charge. If the students need to take any instrument out of the facility, the same is issued to the student and the student is tasked with the safekeeping and return of the same within the stipulated time-period.

<b>File Description</b>	<b>Document</b>
Upload any additional information	<a href="#">View Document</a>

## Criterion 5 - Student Support and Progression

### 5.1 Student Support

**5.1.1 Average percentage of students benefited by scholarships and freeships provided by the institution, Government and non-government agencies (NGOs) during the last five years (other than the students receiving scholarships under the government schemes for reserved categories).**

**Response:** 52.86

**5.1.1.1 Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)**

2021-22	2020-21	2019-20	2018-19	2017-18
186	761	877	1028	917

#### File Description

#### Document

Upload self attested letter with the list of students sanctioned scholarship

[View Document](#)

Institutional data in prescribed format

[View Document](#)

Link for additional information

[View Document](#)

**5.1.2 Average percentage of students benefited by career counseling and guidance for competitive examinations as offered by the Institution during the last five years.**

**Response:** 9.98

**5.1.2.1 Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
49	80	156	118	293

#### File Description

#### Document

Institutional data in prescribed format

[View Document](#)

Link for additional information

[View Document](#)

**5.1.3 Following Capacity development and skills enhancement activities are organised for improving students capability 1. Soft skills 2. Language and communication skills 3. Life skills (Yoga, physical fitness, health and hygiene) 4. Awareness of trends in technology**

**Response:** A. All of the above

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
Link for additional information	<a href="#">View Document</a>
Link to Institutional website	<a href="#">View Document</a>

**5.1.4 The institution adopts the following for redressal of student grievances including sexual harassment and ragging cases 1. Implementation of guidelines of statutory/regulatory bodies 2. Organisation wide awareness and undertakings on policies with zero tolerance 3. Mechanisms for submission of online/offline students' grievances 4. Timely redressal of the grievances through appropriate committees**

**Response:** A. All of the above

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Link for additional information	<a href="#">View Document</a>

## 5.2 Student Progression

**5.2.1 Average percentage of students qualifying in state/national/ international level examinations during the last five years (eg: IIT-JAM/CLAT/ NET/SLET/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations, etc.)**

**Response:** 51.5

**5.2.1.1 Number of students qualifying in state/ national/ international level examinations (eg: IIT/JAM/ NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations, etc.)) year-wise during last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
00	14	08	17	04

**5.2.1.2 Number of students appearing in state/ national/ international level examinations (eg:**

**IIT/JAM/ NET / SLET/ GATE/ GMAT/CAT,GRE/ TOEFL/ Civil Services/ State government examinations) year-wise during last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
00	20	12	24	08

File Description	Document
Upload supporting data for the same	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>

**5.2.2 Average percentage of placement of outgoing students during the last five years****Response:** 5.27**5.2.2.1 Number of outgoing students placed year - wise during the last five years.**

2021-22	2020-21	2019-20	2018-19	2017-18
30	92	72	59	55

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>

**5.2.3 Percentage of student progression to higher education (previous graduating batch).****Response:** 25.37**5.2.3.1 Number of outgoing student progressing to higher education.**

Response: 294

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>

**5.3 Student Participation and Activities**

**5.3.1 Number of awards / medals won by students for outstanding performance in sports / cultural activities at inter-university / state / national / international events (award for a team event should be counted as one) during the last five years.**

**Response: 33**

**5.3.1.1 Number of awards/medals won by students for outstanding performance in sports / cultural activities at inter-university / state / national / international events (award for a team event should be counted as one) year - wise during the last five years.**

2021-22	2020-21	2019-20	2018-19	2017-18
02	01	17	05	08

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
Link for additional information	<a href="#">View Document</a>

**5.3.2 Presence of Student Council and its activities for institutional development and student welfare.**

**Response:**

Students have active representation on academic and administrative bodies and committees of the Institute.

#### **Class Committees**

All programmes have class committees for each course that comprise of student members representing meritorious as well as weak students, along with faculty members nominated by the Head of the Department, other than the course teacher. The Class Committees provide feedback on all aspects of the programme and respective course.

#### **Cultural and Sports Committees**

Students have strong representations in all cultural and sports and games committees and help in organization and management of events.

#### **Hostel Administration**

Students provide strong support in the administration and management of hostel affairs. Each hostel has a Mess Committee, Cultural Committee, Sports Committee and Cleanliness Committee. Students manage the entire functioning of the cooperative mess and organize extra-curricular events and competitions throughout the year.

#### **Organization of Special Events**

Students organize, and celebrate the National Teachers Day, on Sept. 5, intra-faculty and inter-faculty cultural and sports competitions, Shiksha Diwas on Jan. 1, and other National celebrations that include,



Independence Day, Republic Day, Science Day and various NSS and social service activities.

File Description	Document
Link for additional information	<a href="#">View Document</a>

### 5.3.3 Average number of sports and cultural events / competitions organised by the institution per year

**Response:** 15.8

#### 5.3.3.1 Number of sports and cultural events / competitions organised by the institution year - wise during the last five years.

2021-22	2020-21	2019-20	2018-19	2017-18
08	20	12	18	21

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
Link for additional information	<a href="#">View Document</a>

## 5.4 Alumni Engagement

### 5.4.1 The Alumni Association / Chapters (registered and functional) contributes significantly to the development of the institution through financial and other support services.

**Response:**

**Many Departments in the campus are having alumni association But none has registered. These association are supporting in following ways to their departments/Institution.**

1. Mentoring students for project
2. Help in placement of the students.
3. Motivating and acting role models for current students.
4. Advising BOS to upgrade the syllabus as per need of the Industries.
5. Helping in organising annual meet/function.
6. Sponsoring Intership Program.

File Description	Document
Any additional information	<a href="#">View Document</a>

**5.4.2 Alumni contribution during the last five years (INR in Lakhs)**

**Response:** E. <5 Lakhs

## Criterion 6 - Governance, Leadership and Management

### 6.1 Institutional Vision and Leadership

**6.1.1 The institution has a clearly stated vision and mission which are reflected in its academic and administrative governance.**

**Response:**

**The vision of the University is**

- To inculcate values of equality, unity, and justice
- To provide leadership in higher education by imparting quality and socially relevant knowledge
- To contribute to advancement of knowledge through research, publications and dissemination
- To make student conscious of their duty to the country and to fellow human beings.

**The Mission of the University is**

- To educate students in all areas of scholarship and to advance knowledge
- To develop citizens with knowledge, skill and character leading to social transformation and national development
- To develop aptitudes and skills of students to equip them to face the challenges and needs of fast emerging society
- To create greater opportunities for girl students in order to prepare them to be effective leaders.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for additional information	<a href="#">View Document</a>

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

**Response:**

University has visionary management and has well defined goals and plan. There is a strategic plan which is operational under various governing bodies. university has executive council, Academic council, finance committee, sports committee, Extramural Committee, Board of Students, BUTR etc. There are all of sub committees like committee against sexual harassment , NSS, NCC, University Industrial Linkage Cell, Redressal Cell all for smooth functionary of university. Participation & decentralization is observed in all committee or cells or in sub committee because members are from university, officiated colleges, industry Govt. and in many committees students are also party. The function & membership of all committee were documented & defined.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

## 6.2 Strategy Development and Deployment

**6.2.1 The institutional Strategic plan is effectively deployed.**

**Response:**

1. **Protection of Children in Covid -19 Lockdown**
2. **E- Teacher's Day Celebration**
3. **Live Webivar On Birthday of A.P.J Abdul Kalam & World Student Day Celebration**
4. **Swami Vivekanand Birthday Celebration**
5. **Celebration Of Vasant Panchami**
6. **Celebration Of World Social Justics Day**
7. **"Public Interest Litigation Law College Himmatnagar and Consumer Protection Department of Law in India"**
8. **"world Consumer Right's Day -2021 & Book Lunching ceremony"**
9. **New Year Start Face book Page, YouTube Channel and Social Media Use.**
10. **To equip the students with the advanced professional skills for the management of information knowledge, libraries, and information centers, so that they can serve the society through an institution of library and information centre or through consultancy of the institutional objectives.**

File Description	Document
Strategic Plan and deployment documents on the website	<a href="#">View Document</a>

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

**Response:**

**Hemchandracharya North Gujarat University, Patan** was established by the Ordinance No. 5 of 1986 dated 17.5.1986 which was later passed as the North Gujarat University Act No.22 of 1986 on 11/9/86 by the Legislative Assembly of Gujarat. The University has been functioning since then and growing and expanding steadily. The Executive Council, the Academic Council, the Court, the Board of Study, the Finance Committee etc are the authority of the University. Hon'ble Vice Chancellor is principal Executive and Academic Officer of the University. The jurisdiction of the University covers five districts Viz.,Patan, Mehsana, Banaskantha, Sabarkantha and Arvalli caters to cultural and educational needs of this region. There are 15 post graduate departments,02 constituent colleges, and 07centers on campus. Number of affiliated colleges 382with 26 new colleges during the year. Administration & Established, Account Section, Academic Section, Exam Section, Result center etc. which are headed by Registrar, CAO, Controller of Examination etc. Recruitment/ Appointment of teaching faculty in university is done as per UGC Regulation. As regard, appointment of non-teaching staff, it is carried as per rules of State Government. The University follows the University Act, Statutes, Ordinance, Rule and Regulations of Hemchandracharya North Gujarat University, Patan in Service matter of the employee of the University. University has well establish policies and procedures for smoothly functioning of its various sections.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link to Organogram of the University webpage	<a href="#">View Document</a>

**6.2.3 Institution Implements e-governance covering following areas of operation**

1. Administration
2. Finance and Accounts
3. Student Admission and Support
4. Examination

**Response:** B. 3 of the above

File Description	Document
Screen shots of user interfaces	<a href="#">View Document</a>
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
Link for additional information	<a href="#">View Document</a>

**6.3 Faculty Empowerment Strategies**

**6.3.1 The institution has a performance appraisal system, promotional avenues and effective welfare measures for teaching and non-teaching staff .**

**Response:**

Teaching Non-teaching Employees Provident Fund as per PF rules. Employees Provident Fund as per PF rules. Medi claim-Health Insurance. Medi claim-Health Insurance. Gratuity. Gratuity. Full paid Maternity Leave. Full paid Maternity Leave. Fee concession towards of economically weak staff. Fee concession to wards of economically weak staff. Encashment of Earn leave at the end of service. Encashment of Earn leaves at the end of service. Salary timely credited to bank account of employee. Salary timely credited to bank account of employee.

File Description	Document
Any additional information	<a href="#">View Document</a>

**6.3.2 Average percentage of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the last five years.**

**Response:** 20.39

**6.3.2.1 Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
00	06	17	23	09

File Description	Document
Details of teachers provided with financial support to attend conferences, workshops etc. during the last five years (Data Template)	<a href="#">View Document</a>

#### Other Upload Files

1	<a href="#">View Document</a>
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**6.3.3 Average number of professional development / administrative training Programmes organized by the institution for teaching and non-teaching staff during the last five years.**

**Response:** 2.6

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

2021-22	2020-21	2019-20	2018-19	2017-18
00	02	03	05	03

File Description	Document
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

#### **6.3.4 Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course ).**

**Response:** 6.21

##### **6.3.4.1 Total number of teachers attending professional development Programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes year wise during last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
04	07	03	01	02

File Description	Document
Details of teachers attending professional development Programmes during the last five years (Data Template)	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

## **6.4 Financial Management and Resource Mobilization**

### **6.4.1 Institutional strategies for mobilisation of funds and the optimal utilisation of resources**

**Response:**

**1. Hemchandracharya North Gujarat University has well established infrastructure for sports, audio visual, health and co curricular activities. It provides these infrastructure facilities on minimum rent bases to the Not for-profit organizations.**

**2. Hemchandracharya North Gujarat University has well-versed Rang Bhavan, Convention hall & Gandhi Smurti Hall facilities which is given to the societal organizations on minimum rent to conduct their programmes.**

File Description	Document
Any additional information	<a href="#">View Document</a>

**6.4.2 Funds / Grants received from government bodies during the last five years for development and maintenance of infrastructure (not covered under Criteria III and V ) (INR in Lakhs).**

**Response:** 1892.49

**6.4.2.1 Total Funds / Grants received from government bodies for development and maintenance of infrastructure (not covered under Criteria III and V) year wise during the last five years (INR in Lakhs).**

2021-22	2020-21	2019-20	2018-19	2017-18
00	1892.49	00	00	00

File Description	Document
Details of Funds / Grants received from government bodies during the last five years (Data Template)	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**6.4.3 Funds / Grants received from non-government bodies, individuals, philanthropists during the last five years (not covered in Criterion III and V) (INR in Lakhs)**

**Response:** 0

**6.4.3.1 Total Grants received from non-government bodies, individuals, Philanthropers year wise during the last five years (INR in Lakhs)**

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	0	0	0

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>



**6.4.4 Institution conducts internal and external financial audits regularly****Response:**

**Internal Audit University has to internal audit section with regular follow up of the advance given to university department & affiliated colleges. Audit section uses tally software to maintains & record keeping of accounts. All statutory compliances are flowed by the accounts department of the university. External audit is conducted by Local Fund Office as well as auditor General office at regular internals. The annual budget of the university is approved by the Finance Committee of the university. All audit paras are sent to the Government for the approval. At the end of the year annual report of university is approved by the University senate (University Court).**

<b>File Description</b>	<b>Document</b>
Any additional information	<a href="#">View Document</a>

**6.5 Internal Quality Assurance System**

**6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes by constantly reviewing the teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals.**

**Response:**

**The Internal Quality Assurance Cell (IQAC ) at HNGU was constituted in the year 2010. Since then, it has been performing the following asks on a regular basis; Improvement in quality of teaching and research by regular inputs to all concerned based on feedback from students. Providing inputs for best practices in administration for efficient resource utilization and better services to students and staff. Students and staff give their feedback and suggestions on teaching and administrative performance through the Suggestion Box located every department of the Hemchandracharya North Gujarat University. The Institute IQAC regularly meets usually every three months. The Institute IQAC prepares, evaluates and recommends the following for approval by the relevant Institute;(I) Annual Quality Assurance Report(AQAR) (ii) Initiation are taken for Performance Based Appraisal System (PBAS) for Career Advancement Scheme (CAS) (iii)**

**Stakeholder's feedback (iv) Action Taken Reports (v) working on the guidelines for the implementation of NEP-2020 (vi) Regularly monitor of the quality standard of the University campus.(vii)Decide the priority areas for quality improvement for the campus(viii) Takes initiatives for adoption of new policies as decided by UGC and government of Gujarat.**

<b>File Description</b>	<b>Document</b>
Any additional information	<a href="#">View Document</a>

**6.5.2 Institution has adopted the following for Quality assurance 1. Academic Administrative Audit (AAA) and follow up action taken 2.Confernces, Seminars, Workshops on quality conducted 3. Collaborative quality initiatives with other institution(s) 4.Orientation programme on quality issues for teachers and students 5. Participation in NIRF 6.Any other quality audit recognized by state, national or international agencies (ISO Certification, NBA).**

**Response:** E. 1 of the above

<b>File Description</b>	<b>Document</b>
Upload e-copies of the accreditations and certifications	<a href="#">View Document</a>
Upload details of Quality assurance initiatives of the institution (Data Template)	<a href="#">View Document</a>
Paste web link of Annual reports of University	<a href="#">View Document</a>

**6.5.3 Incremental improvements made for the preceding five years with regard to quality (in case of first cycle), Post accreditation quality initiatives (second and subsequent cycles).**

**Response:**

#### **Collaboration with ISRO (Indian Space Research Organization)**

**HNGU, Patan is venturing into the development of a landside for calibration and validation of ISRO's Earth observation satellite sensors and its derived geophysical products over land targets. The major focus of the project is to conduct a pre-planned field campaign with scientific instruments over Land, Water, and crops.**

**Planned to deploy permanent automatic instruments for continuous measurement of weather and atmosphere parameters**

**Following Post accreditation quality initiatives undertaken by university, number of MOUs done with national and international institution/university for mutual benefit and development.**

#### ***Active MoUs for Collaborative Research and Te***

1. Alliant University, USA
2. Warsaw University of Life Science, Poland
3. Polish Academy of Science, Poland
4. Vardhman Mahaveer Open University, Rajasthan
5. Sage University, Indore

- 6.Sardar Patel University, V.V.Nagar, Anand
- 7.Atmiya University, Rajkot
- 8.BAPS (IPDC), Ahmedabad
- 9.Indian Space Research Organization
- 10.Swarnim Gujarat Sports University, Gandhinagar
- 11.Gujarat State Forest Department
- 12.Research for Resurgence Foundation (RFRF)
- 13.Bharatiya Shikshan Mandal, Nagpur
14. K. J. Somaiya Institute of Science and Commerce, Mumbai
- 15.Quality Council of India, New Delhi
- 16.Indian Society of Health Administration, Hyderabad
- 17.Gujarat Cancer Society Hospital and Research Center Ahmedabad
- 18.CIMS Hospital, Ahmedabad
- 19.Jabalpur Hospital & Research Center, Jabalpur
- 20.108 GVK EMRI, Ahmadabad
- 21.Shalby Hospital, Ahmedabad
- 22.Royal Castor Products Ltd.
- 23.Khodiyar Chemicals.
- 24.Rumi Biotech.
- 25.Sumar Biotech

## **Research Collaboration**

### **National**

- 1.The Maharaja Sayajirao University of Baroda, Vadodara
- 2.Indian Space Research Organization (ISRO)
- 3.Gujarat State Forest Department
- 4.SAJE University, Indore
- 5.INFLIBNET, Government of India
- 6.Sardar Patel University, Vallabh Vidyanagar
- 7.Saurashtra University, Rajkot
- 8.Sardarkrushinagar Dantiwada Agricultural University, Sardarkrushinagar
- 9.Sathyabama Institute of Science and Technology
- 10.ICAR-Directorate of Groundnut Research
- 11.University of Kerala
- 12.Center for Marine Living resource and Ecology
- 13.National Institute of Oceanography
- 14.Zoological Survey of India
- 15.University of Goa
- 16.Gujarat University
- 17.Veer Narmad South Gujarat University

### **International**

1. Alliant University, USA
2. Warsaw University of Life Science, Poland
3. Polish Academy of Science, Poland
4. IUCN Bear Specialist Group, USA
5. University of Puerto Rico
6. University of Groningen
7. National University of Singapore
8. Academia Sinica Taiwan
9. Rothamsted Research center
10. Australian Museum Research Institute
11. University college cork Ireland
12. University of Baja California, Mexico

**Industry:**

1. Jabalpur Hospital & Research Center, Jabalpur
2. 108 GVK EMRI, Ahmadabad
3. Shalby Hospital, Ahmedabad
4. Royal Castor Products Ltd.
5. Khodiyar Chemicals.
6. Rumi Biotech.
7. Sumar Biotech

File Description	Document
Any additional information	<a href="#">View Document</a>

## Criterion 7 - Institutional Values and Best Practices

### 7.1 Institutional Values and Social Responsibilities

**7.1.1 Measures initiated by the Institution for the promotion of gender equity during the last five years.**

**Response:**

The progress made for promotion of gender equity promotions under the 2016- 2022 Gender Action Plan evidenced not only what can be achieved, but also what more needs to be done. The four dimensions of gender equality in education include: equality of access, equality in the learning process, equality of educational outcomes, and equality of external results. The 2016–2022 Gender Action Plan puts particular emphasis on awareness programs on empowering all girl students to play their part in organizational change and strengthening key aspects of skill development with self-reliance and accountability. Committee against sexual Harassment (CASH) is committed to achieving the targets set by the Gender Action Plan. University also organized a number of training programmes, seminars, workshops etc. on gender equity and sensitization in last five years.

File Description	Document
Specific facilities provided for women in terms of: a.Safety and security b. Counselling c. Common Rooms d. Day care center for young children e. Any other relevant information	<a href="#">View Document</a>
Annual gender sensitization action plan	<a href="#">View Document</a>

**7.1.2 The Institution has facilities for alternate sources of energy and energy conservation measures**

- 1.Solar energy
- 2.Biogas plant
- 3.Wheeling to the Grid
- 4.Sensor-based energy conservation
- 5.Use of LED bulbs/ power efficient equipment

**Response:** B. 3 of the above

File Description	Document
Geotagged Photographs	<a href="#">View Document</a>
Any other relevant information	<a href="#">View Document</a>

**7.1.3 Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 500 words)**

- **Solid waste management**
- **Liquid waste management**
- **Biomedical waste management**
- **E-waste management**
- **Waste recycling system**
- **Hazardous chemicals and radioactive waste management**

**Response:****Solid waste management:**

Solid wastes are categorized into three types: biodegradable, non-biodegradable and hazardous waste. Bio-degradable wastes include food wastes, canteen waste, wastes from toilets etc. Non-biodegradable wastes include plastic, tins and glass bottles etc. Hazardous wastes include cleaning chemicals, acids and laboratory chemicals and these can cause threat to health or the environment like. Each and every department of HNG University as well as administrative office creates one or other type of waste and these are dumped in small waste bin located in the department or in the offices. There several dust bins are placed from where housekeeping staffs take the wastes. From the small bin wastes are dumped in big bin by the housekeeping staffs regularly. From the big waste bins the carriage from Patan Municipal Corporation takes away the solid wastes. After segregation of biodegradable waste from canteens, residential quarters, Hostel and guest houses etc are collected and dumped in the composting unit in the university campus. University discourages uses of plastic; in campus. Waste glass empty glass and plastic bottles are disposed by vendors for recycling. University produces lot of paper waste. Paper wastes from Academic Blocks, Library, Pariksha Bhawan, Administrative offices, Hostels, Guest Houses are disposed through vendors. The wastes are properly stacked in university dumping store and later disposed via proper procedure through vendors for proper waste management. University promotes digital platform to reduce the usage of paper for communication and sharing documents.

**Liquid waste management:**

Liquid waste is generated from Science laboratories, Hostels, Residential quarters and canteen. Liquid wastes generated by the University are of two types: 1. Sewage waste. 2. Laboratory, residential washing and canteen effluent. The liquid wastes are mainly drained to improve the ground level of water. Laboratory waste also goes to underground level. University does not have any sewage treatment plant yet.

**E-waste management**

E-wastes are generated from computer laboratories, electronic labs, Physics Labs, Chemistry Lab, Biotech Labs, Academic and Administrative Offices. The e-waste includes out of order equipments or obsolete items like lab instruments, circuits, desktops, laptops and accessories, printer, charging and network cables, Wi-Fi devices, cartridges, sound systems, display units, UPS, Biometric Machine, scientific instruments etc. All these wastes are put to optimal use. All such equipment's which cannot be reused or recycled is being disposed off through authorized vendors. Instead of a new procurement Buy-Back option is preferred for technology up gradation. HNG University has very efficient mechanism to dispose E wastes generated from various sources.

## Hazardous Waste Management

In HNG University, most of the departments do not generate hazardous waste and can be classified as conditionally exempt small quantity generators (generators of less than 100 grams of hazardous waste per month). Hazardous chemical or biochemical including contagious disease pathogen, patient blood, and radioactive substances are not used in the university campus yet. So the amount of hazardous waste is nil or very negligible amount, so no facility is developed to transport and manage it in proper place.

File Description	Document
Relevant documents like agreements/MoUs with Government and other approved agencies	<a href="#">View Document</a>
Geotagged photographs of the facilities	<a href="#">View Document</a>
Any other relevant information	<a href="#">View Document</a>

### 7.1.4 Water conservation facilities available in the Institution:

1. Rain water harvesting
2. Borewell /Open well recharge
3. Construction of tanks and bunds
4. Waste water recycling
5. Maintenance of water bodies and distribution system in the campus

**Response:** A. Any 4 or all of the above

File Description	Document
Geotagged photographs / videos of the facilities	<a href="#">View Document</a>
Any other relevant information	<a href="#">View Document</a>

### 7.1.5 Green campus initiatives include:

1. Restricted entry of automobiles
2. Use of Bicycles/ Battery powered vehicles
3. Pedestrian Friendly pathways
4. Ban on use of Plastic
5. Landscaping with trees and plants

**Response:** A. Any 4 or All of the above

File Description	Document
Various policy documents / decisions circulated for implementation	<a href="#">View Document</a>
Geotagged photos / videos of the facilities	<a href="#">View Document</a>
Any other relevant documents	<a href="#">View Document</a>

**7.1.6 Quality audits on environment and energy are regularly undertaken by the Institution and any awards received for such green campus initiatives:**

- 1.Green audit
- 2.Energy audit
- 3.Environment audit
- 4.Clean and green campus recognitions / awards
- 5.Beyond the campus environmental promotion activities

**Response:** A. Any 4 or all of the above

File Description	Document
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View Document</a>
Certification by the auditing agency	<a href="#">View Document</a>
Any other relevant information	<a href="#">View Document</a>

**7.1.7 The Institution has disabled-friendly, barrier free environment**

- 1.Built environment with ramps/lifts for easy access to classrooms.
- 2.Divyangjan friendly washrooms
- 3.Signage including tactile path, lights, display boards and signposts
- 4.Assistive technology and facilities for Divyangjan accessible website, screen-reading software, mechanized equipment
- 5.Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

**Response:** C. 2 of the above

File Description	Document
Policy documents and information brochures on the support to be provided	<a href="#">View Document</a>
Geotagged photographs / videos of the facilities	<a href="#">View Document</a>

**7.1.8 Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance**



**and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 500 words).**

**Response:**

University provides an inclusive environment for everyone with tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities. Different sports (Athlete Meets) and cultural activities (Youth Festivals) organized inside the university promote harmony towards each other. Commemorative days like (1) Women's day (2) Yoga day, Cancer day, AIDS along with many regional festivals are celebrated in the university. This establishes positive interaction among people of different racial and cultural backgrounds. There are different grievance redressal cells in the institute like Grievance redressal cell, Committee against Sexual Harassment which deals with grievances without considering anyone's racial or cultural background. University has code of ethics for students and a separate code of ethics for teachers and other employees which have to be followed by each one of them irrespective of their cultural, regional, linguistic, communal socioeconomic and other diversities.

File Description	Document
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View Document</a>
Any other relevant information	<a href="#">View Document</a>

**7.1.9 Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens (within 500 words).**

**Response:**

In observation of the importance of inculcating the constitutional obligations, values, rights, duties and responsibility in both staff and students of HNGU, the university has taken the initiation of introducing the Constitution of India as an soft skill course to students besides organizing sensitization and awareness programmes in the university regarding Human Rights, Fundamental Rights, Legal Awareness, Traffic Awareness, Civil Safety, Values etc.

Constitution day celebration 26th November, 2019 - Department of chemistry organized 70th anniversary of constitution day on 26th November, 2019. Prof. Bhasin and Prof. Vora as senior professors of department highlighted the glories of our constitution.

Solidarity with our soldier 'Abhinandan' March 12, 2019 - Department of chemistry organized annual day theme of abhinandan, so a remember the real life hero Abhinandan, who was captured by Pakistan after surgical strike on 12 march 2019 at Rangbhavan hall. Including many activities like dance, skit, singing, a drama was presented remember our soldiers who are looking safety of our country.

#### National workshop on “Harassment of women at workplace: Issues and solutions

One Day national workshop on “Harassment of women at workplace: Issues and solutions” was held on February 15, 2017 in Gandhi Smuruti Hall, Hemchandracharya North Gujarat University at Gandhi Smuruti Hall at 11.00 a.m. The inaugural function was organized in presence by, Shri M. B. Kotak as Chief Guest, Guest of Honor Shrimati Meetaben Patel and Ms Narender Gupta, Director Inspire as Special guest. In this program, there were 160 participants.

#### One Day State Level Training Program HUMAN RIGHTS

On September 6, 2017, One Day State Level Training Program on HUMAN RIGHTS was organized at Department of Hospital Management, HNGU, Patan. This program was sponsored by National Human Rights Commission (NHRC), Manav Adhikar Bhavan, New Delhi.

In this program, there were 130 participants. Amongst participants, there were graduate, postgraduate students, M. Phil., Ph. D students, teaching and non teaching faculty from university campus.

Legal awareness Child Protection Act (POSCO) November 14, 2019 - The Laws Related to Child Rights and distinguished speaker was Mr. Ketan Prajapati, District Child Protection Officer, District Child Protection Unit, Patan.

In 2012 POSCO Act was accepted. There are a number of legal punishments but suffering occurring to child can make him physiologically hurt for life. Ketan sir has shown many videos to highlight his vision of district office on this subject. Program was conducted in Gandhi Smriti Hall, HNGU, PATAN.

World Aids Day celebrated on 1/12/21 at S K College of Business Management, HNGU, PATAN

International Human Rights Day , 10 Dec 2021 – Celebrated by Department of Law HNGU, PATAN

Conducted Workshop on implementation of National Educational Policy 2020 on 12/04/2022 at Rang bhavan, HNGU, Patan

Community Awareness programme to university students about various disasters and different rescue methods used during such disasters. One day program conducted by 6 Bn NDRF, Gandhinagar, Gujarat on 03/03/2022.

**7.1.10 The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard.**

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

**Response:** A. All of the above

File Description	Document
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	<a href="#">View Document</a>
Code of ethics policy document	<a href="#">View Document</a>
Any other relevant information	<a href="#">View Document</a>

**7.1.11 Institution celebrates / organizes national and international commemorative days, events and festivals (within 500 words).**

**Response:**

To maintain harmony and healthy work atmosphere and to make the learners aware of the national pride and rich cultural heritage, the National/International commemorative days are regularly being celebrated and observed in HNGU's headquarter and off campus offices.

- Every year the University celebrates National Festivals i.e. Independence Day on 15th August and Republic Day on 26th January with pomp and gaiety by hoisting the national tri color in the main Campus as well as at off campus offices. After unfurling the flag, students sing the National Anthem and other patriotic songs. On these occasions, the Vice-Chancellor also delivers Independence/Republic day messages.
- Various Department of HNGU organizes the Teachers' Day every year on September 5 in memory of Dr. S. Radha Krishnan, former President of India. Eminent educationists and teachers are invited to deliver the Teachers' Day
- The University organized essay writing and elocution competitions on the occasion of 150th Birth Anniversary celebrations of Mahatma Gandhi. "Swachh Bharath – Swasth Bharat" a "Clean India Campaign" was organized in the campus as part of national drive on Gandhi Jayanti. University also organized Swachhta hi Seva fortnight as per guidelines issued by MHRD.
- National Unity Day/Week are observed to commemorate the birth anniversary of Sardar Vallabhbhai Patel. "Run for Unity" is organized on the occasion by NSS Cell, HNGU.
- University departments celebrate youth day of 12 January every year on the youthday of swami Vivekananda.

- 17th may is celebration on university establish day.
- Yoga day is celebration 21 june every year.
- International mother tunge day celebrate 21 February every year.

File Description	Document
Any other relevant information	<a href="#">View Document</a>
Annual report of the celebrations and commemorative events for the last five years	<a href="#">View Document</a>

## 7.2 Best Practices

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

#### Response:

<p><b>1. Title of the Practice</b></p> <p>This title should capture the keywords that describe the practice.</p>	<p>“Budhvaryu” – A Open discussion corner for students with Chancellor</p>
<p><b>2. Duration (year of inception-year of discontinuation)</b></p> <p>What is year of inception? Is the practice still continuing? If not, what is the year of discontinuation?</p>	<p>Continuous Practice</p>
<p><b>3. Objectives of the Practice</b></p> <p>What are the objectives / intended outcomes of this “best practice” and what are the underlying principles or concepts of this practice (in about 100 words)?</p>	<p>To provide opportunity to students that to directly interact and share their point view and suggestions with university authorities about</p> <p>To aware and educate and have open discussion on various alarming topics of the day</p>
<p><b>4. The Context</b></p> <p>What were the contextual features or challenging issues that needed to be addressed in designing and implementing this practice (in about 150 words)?</p>	<p>A Open discussion corner for students was initiated by first Chancellor. – Honorable K.P. Yajnik in 1992.</p> <p>The study corner at university began as an intellectual professional development activity under the visionary leadership of Hon. Yagnik sir. The basic aim of the study circle is to bring together professionals and practitioners to read and reflect on their own practice. The study cornor have been designed to bring practitioners together to:</p>

	<ol style="list-style-type: none"> <li>1. Share their understanding of the selected pre reading material with the help of facilitators.</li> <li>2. Read research articles/or Chapters from books that are related to learning, teaching and pedagogy.</li> <li>3. Discuss the relevance of the leanings/findings</li> <li>4. Debate on certain fundamental implications of that learning and our personal connect to the idea.</li> <li>5. Get a chance to interact with Vice chancellor about university issues/suggestions.</li> </ol>	
<p><b>1. Title of the Practice</b></p> <p>This title should capture the keywords that describe the practice.</p>	<p><b>Holistic development of students and making them self responsible Indian</b></p>	
<p><b>2. Duration (year of inception-year of discontinuation)</b></p> <p>What is year of inception? Is the practice still continuing? If not, what is the year of discontinuation?</p>	<p>2021-22 – Continuous practice</p>	
<p><b>3. Objectives of the Practice</b></p> <p>What are the objectives / intended outcomes of this “best practice” and what are the underlying principles or concepts of this practice (in about 100 words)?</p>	<p>The University has a large strength of about 3200 students possessing differing learning levels and aptitudes and belonging to diverse socio-economic strata. They are pursuing diverse academic programmes with diverse expected outcomes and their future career is dependent on their varying abilities and interests. The challenge before the university faculty and administration is to provide the best of opportunities to students to help them grow in their distinguished manner without compromising the higher education by developing them as full grown asset for the society i.e. of the holistic developments of future of country</p>	
<p><b>4. The Context</b></p> <p>What were the contextual features or challenging issues that needed to be addressed in designing and implementing this practice (in about 150 words)?</p>	<p>To achieve this university needs systematic programs</p> <ul style="list-style-type: none"> <li>• To making them physically and mentally healthy.</li> <li>• To impart skill based and value based education</li> <li>• to aware students to basic needs of the society, state and country so that they can imbibe the traits of their own country for round development,</li> <li>• work culture and encouraging learning environment</li> <li>• there is a need of innovative thinking and dedication of all part of staff of the university. They have to involve students in mutually conducive environment for making the mentioned best practice a reality.</li> </ul>	

File Description	Document
Best practices in the Institutional web site	<a href="#">View Document</a>

### 7.3 Institutional Distinctiveness

#### 7.3.1 Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

##### Response:

##### Develop an oxygen generation plant

Inaugurating an oxygen plant at Hemchandracharya North Gujarat University on 16/06/2021, through video conference, chief minister Vijay Rupani said that plans are afoot to increase the state's oxygen capacity 1,800 metric tones (MT) per day to handle a possible third wave of the pandemic.

CM said that Gujarat will soon be in a position to generate 300 MT of oxygen from air using the pressure swing absorption (PSA) method.

University Constructed at a cost of Rs 60 lakh, the 300 MT oxygen plant will be in a position to provide oxygen to Patan and surrounding areas. With this, Hemchandracharya North Gujarat University has become the first grant-in-aid university in the state to develop an oxygen generation plant.

File Description	Document
Appropriate web in the Institutional website	<a href="#">View Document</a>

## 5. CONCLUSION

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### **Additional Information :**

In year 2021-22 Hemchandracharya North Gujarat University (HNGU), Patan completed 35 years of its existence.

In year 2022 with 145 new colleges, Total number of HNGU affiliated colleges and department has reached 577. New Student enrollment in HNGU was 82,315 in year 2021-22.

Research at HNGU was promoted with 45 Research Guides (Total 534) and 157 students awarded Ph.D. degree in year 2020-21.

University had total 56 teachers (29 Granted Post, 27 Self finance Post) on campus.

In year 2020-21 New Projects were started worth total Rs.4,35,000.

Total 72 Research Papers were published during the year 2020-21

Faculty members have actively participated in 68 different academic events. Department of Law 32 and Department of Life Science were leading with 12 events each.

During the year 2020-21 new books 275 worth Rs.3,82,519 were added in HNGU central library. Total books in the central library are 88450

### **Concluding Remarks :**

Ordinance (Gujarat Ordinance No.5 of 1986, dated 17-05-1986), Statutes, Ordinances and guidelines of apex bodies. The governance and management of the university is democratic, decentralized and leadership is participatory. All stakeholders are involved in decision making process through various provisions. Executive Council is the principal authority for financial estimates and budgetary appropriations and for providing social feedback to university. Executive Council reviews and deliberates on short and long term reforms in academic, research and development activities, finance, management and governance. Academic Council is the principal authority responsible for regulating and maintaining the standard of teaching, research, and evaluation. Board of Examination and Evaluation deals with matters related with examination and evaluation. Finance and Accounts Committee plans, coordinates and oversees the financial operations. Purchase Committee deals with matters pertaining to all purchases. Building and Works Committee carries out infrastructure development activities. University has implemented e-governance in areas of finance and accounts, student admission and examination. Since university has large number of affiliated colleges, it has systematically planned and implemented decentralization policy for examination activities. This facilitates timely declaration of results and ensures effective implementation of academic calendar. UGC and state government provisions pertaining to performance appraisal are applicable to employees of university and affiliated colleges. University complies with government guidelines with respect to collection and disbursement of funds. Strict financial discipline is ensured through regular internal and external audits.