



Yearly Status Report - 2019-2020

Part A

Data of the Institution

Part A	
Data of the Institution	
1. Name of the Institution	HEMVATI NANDAN BAHUGUNA GARHWAL UNIVERSITY (A CENTRAL UNIVERSITY)
Name of the head of the Institution	PROF. ANNPURNA NAUTIYAL
Designation	Vice Chancellor
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	01346250260
Mobile no.	9410135443
Registered Email	registrar.hnbgu@gmail.com
Alternate Email	registrar@hnbgu.ac.in
Address	NH-58, Badrinath Road
City/Town	Srinagar Garhwal
State/UT	Uttarakhand
Pincode	246174

2. Institutional Status	
University	Central
Type of Institution	Co-education
Location	Semi-urban
Financial Status	central
Name of the IQAC co-ordinator/Director	Prof. R. C. SUNDRIYAL
Phone no/Alternate Phone no.	01346251212
Mobile no.	9412094046
Registered Email	iqac.hnbgu@gmail.com
Alternate Email	hnbgunaac2021@gmail.com

3. Website Address	
Web-link of the AQAR: (Previous Academic Year)	http://hnbgu.ac.in/sites/default/files/2020-11/AOAR%202018-19.pdf
4. Whether Academic Calendar prepared during the year	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	http://hnbgu.ac.in/sites/default/files/2021-03/AC%2019-20.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	B++	85	2003	01-Jul-2002	30-Jun-2007
2	A	3.11	2016	29-Mar-2016	28-Mar-2021

6. Date of Establishment of IQAC	18-Feb-2010
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7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries

A meeting of IQAC was held	24-Sep-2019 1	22
AQAR prepared	03-Nov-2020 1	2
NAAC Assessors Orientation Programme organized	26-Sep-2019 1	66
Meeting of Conveners of IQAC Task Groups organized	25-Jan-2020 1	19
Meeting of Head of Department Birla Campus organized	19-Feb-2020 1	44
Meeting of Internal Member of IQAC	19-Jul-2019 1	14
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8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Department of Chemistry	UGC SAP	UGC	2019 1825	5875000
Department of Mechanical Engineering	TEQIP	UTU Dehradun	2019 365	220000
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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View File](#)

10. Number of IQAC meetings held during the year :

1

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

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11. Whether IQAC received funding from any of the funding agency to support its activities during the year?

No

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

1. Coordinated finalizing the quarterly performance reports and 'target achieved' report of the tripartite MoU between HNB Garhwal University, UGC and MHRD. 2. IQAC also coordinated finalizing of intake for academic programmes for implementation of EWS reservation for academic session 201920 and 202021 3. Convened a meeting of coordinators/nodal officers/liason officers of special cells and centres of the university to discuss issues pertaining to their performance and programmes on 4. Convened a meeting of hostel wardens to discuss feedback obtained from hostellers 5. A meeting of the Head/ Incharge Head of the Departments of Birla Campus, Srinagar was convened to Revised Data Metrics of NAAC (19.02.2020). 6. IQAC coordinated the student induction programme in coordination with all the departments of the University

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

Plan of Action	Achivements/Outcomes
Quality Enhancement	Process for Academic and Administrative Audit, Strengthening of Special Cells and Centres, ICT policy, Mental health and well being of students, Implementation of UGC regulations with reference to plagiarism, Obtain suggestions of NAAC third cycle,
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14. Whether AQAR was placed before statutory body ?

No

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?

No

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission

2019

Date of Submission

18-Feb-2019

17. Does the Institution have Management Information System ?

Yes

If yes, give a brief description and a list of modules currently operational (maximum 500 words)

Partial: Presently, the eGovernance Cell of the University is maintaining a web application which is hosted on www.hnbguedrp.in. This web application is one kind of ERP specially developed for university system. Currently this

web application has following modules: Online Pay Slip System enables employees to view and download their salary slip anytime in a paperless way. Online Entrance Examination enables online filling of entrance examinations form and subsequent short listing for admissions. Online Examination Management System facilitates student to fill online examination form for end semester examinations. With help of user id and password, affiliated colleges can verify online filled examination forms, generate roll list and admit cards of students. It also enables students to download their own admit card if the form is verified by the college/university. This system also facilitates examiners to feed internal and external examinations marks online. It also generates tabulation charts and online grade sheet for internal use of university. Once result is declared by the university, students can download their grade sheet online with the help of their user id and password . Online Hostel Management System facilitates students to fill online hostel admission form. With the help of user id and password, Wardens can verify online filled hostel admission forms, generate merit list with percentile score to allot the room in hostel. Wardens can trace each student residing in the hostel. Online Admission System facilitates students to fill online admission form for admission in all three campuses of the University. Online Payment System facilitates student to pay online admission fee or entrance test fee by SBI Collect. The University is in the process of implementing a 07 module Integrated University Management System (IUMS). The modules are: Pre Admission, Admission and Academics, Fee Management, Pre Examination Management System, Examination Management System and Result Processing, Self Service Portal for Students, and Affiliation Management.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
MSc	SOAS/MAP/	MSc (MAPs)	26/02/2020
MPhil	SOAS/EPB/	EPB	26/02/2020
PhD or DPhil	SOAS/RT/	Rural Technology	26/02/2020
MSc	SOAS/ST/	Seed Science & Technology	22/02/2020

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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
MSc	Seed Science & Technology Code 325	22/02/2020	SAS/ST/E012- Tree Seed Technology, SAS/ST/E013- Advances in Seed Science Research	22/02/2020
BA	Sanskrit	01/07/2019	SOA/SAN/UG/AE EC-3	01/07/2019

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1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
PhD or DPhil	Pre-PhD (Botany) Research and Publication Ethics	27/02/2020
PhD or DPhil	PhD Biochemistry –“Research and Publication Ethics” Core Course II	01/03/2020
MSc	MSc (Botany) Stress Biology and Molecular Genetics of Cyanobacteria	29/02/2020
MSc	MSc (Botany) Algal Biotechnology	28/02/2020
PhD or DPhil	Pre-PhD (Microbiology)/ Research and Publication Ethics	27/02/2020
MA	MA Economics/Field Visit- SOS/ECO(E)/404 (h)	28/02/2020
PhD or DPhil	History, Ancient Indian History, Culture and Archaeology	28/02/2020

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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the University level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
Nil	NA	Nil

1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
Cosmetics and Perfumes	01/08/2019	20
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BSc	Forestry Work Experience/Hands-on-Training (1140 days)	29
MSc	MSc (Medicinal and Aromatic Plants)	3
BSc	BSc Yogic Science (BSY-CP506, Case Study)	11
MBA	Training Summer/ Winter MBA (TTM)	55
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	No
Alumni	No
Parents	No

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

Feedback Obtained
<p>The feedback is obtained from the students about teachers, curriculum and hostels. For this purpose, four questionnaires have been developed (Q1, Q2, Q3 Q4). The stakeholders are asked to rate on a five point scale [Excellent (5), Very Good (4), Good (3), Average (2) and Below Average (1)]. The Hostel feedback is obtained on a ten point scale [Very Poor (0-2), Poor (2-4), Average (4-6), Good (6-8) and Very Good (8-10)]. It is obtained in the offline mode and analyzed after entering the data in electronic form. The calculated result of the feedback is shared with the heads of the departments (HoDs) concerned, and also the Chief Warden for their comments. The HoD/ Warden will discuss with the stakeholders and suggestions are sought for improvement. Thereafter, the comments/ suggestions on the feedback is submitted to the Internal Quality Assurance Cell (IQAC). The IQAC analyses the results of the feedback in light of the comments/ suggestions and compile the same for further action and</p>

consideration by conveying to the HoDs/ Warden in appropriate forum/ meeting.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BSc	BSc Forestry(4 Years)	36	217	35
MSc	MSc Seed Science & Technology	17	190	17
BTech	BTech	184	175	133
MSc	Botany	110	583	93

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2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	8768	2813	45	52	246

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
509	450	34	34	26	36

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

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

The Academic Ordinances For Under Graduate And Post Graduate Courses Of Study (Under section 28) of the University has a provision of 'student advisor' wherein every student shall have a teacher of the Department as his/her Student advisor. All teachers of the department shall function as student advisors and will have more or less equal number of students. The Student Advisor will advise the students in choosing Elective courses and offer all possible student support services. All the departments practice the concept of mentorship, where each faculty member of the department are allotted certain number of students and the faculty members concerned, personally supervises the progress of the students under their mentorship, right from the day of admission into the department, till they complete the course.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
12430	246	1:51

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
478	260	218	25	242

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Dr. Ajay Semalty	Assistant Professor	Listed in world's Top 30 MOOCs, declared by PIB MHRD
2019	Dr Alok Sagar Gautam	Assistant Professor	"Young Scientist Award" in Atmospheric and Space Science by Glocal Environment Social Association (GESA) New Delhi on Oct 20 and 21, 2019.
2019	Prof. O.P. Gusain	Professor	Certificate of Recognition Awarded by The Academic Council of uLectz as one of the Top 50 Directors or Coordinators of IQAC across India for the year 2019
2020	Dr. Sarla Saklani	Assistant Professor	Women Scientist Award
2020	Dr Alok Sagar Gautam	Assistant Professor	Environmentalist of the year 2019 award by International Foundation for Environment and Ecology, February 24, 2020

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2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
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MA	SOHSS/ECO/	II	27/05/2019	11/09/2019
BCom	SOC/BCOM	II	27/05/2019	22/08/2019
BSc	BSc	I	17/01/2019	27/04/2019
BA	BA	I	19/01/2019	03/06/2019
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2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
71	11581	0.0061

2.6 – Student Performance and Learning Outcomes

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

<http://www.hnbggu.ac.in/cos-pos-pso>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
BSc Yogic Science	BSc	Yogic Science	11	11	100
SOC/BCOM	BCom	Bachelor of Commerce	189	117	61.9
BA	BA	BA	677	301	44.46
BSc	BSc	BSc	1057	573	54.21
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2.7 – Student Satisfaction Survey

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

NIL

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

3.1.1 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
Nil	Nil	Nil	Nil	Nil
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3.1.2 – Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other fellows in the Institution enrolled during the year

Name of Research fellowship	Duration of the fellowship	Funding Agency
Net-JRF (47)	1825	CSIR/UGC, New Delhi

Rajiv Gandhi National Fellowship (RGNF-SC ST) (14)	1825	UGC, New Delhi
DS Kothari Post Doctoral Fellowship (DSKPDF) (01)	1095	UGC, New Delhi
Post Doctoral Fellowship (pdf) For Women (PDFWM) (01)	1825	UGC, New Delhi
Dr. Radhakrishanan Post Doctoral Fellowship in Humanities and Social Science (PDF) (01)	730	UGC, New Delhi
Non-Net Fellowship (291)	1460	UGC, New Delhi
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3.2 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	1095	Water Recourse Development Ministry Govt.of India	21.74	6.8
Major Projects	730	UGC MOOC	13.5	2.7
Major Projects	1095	UGC-DAE CSR, Kolkata	11.8	3.6
Major Projects	1095	UGC-DAE CSR, Indore	11.8	2.2
Major Projects	1095	SAC, ISRO, Govt. of India	29.7	10
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3.3 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
BRIDGING THE GAP BETWEEN ACADEMIA AND INDUSTRY	The Industry Academia Linkages cell of H.N.B.Garhwal University	14/08/2019
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3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Innovative Scientist Award	Dr. Abhay P Mishra (Research	Fox Asia conference awards (Health	02/01/2020	(Health Education)

	scholar)	Education) New Delhi, India		
Emerging Scientist Award	Dr. Subhash Chandra (Research scholar)	Fox Asia conference awards (Health Education) New Delhi, India	02/01/2020	(Health Education)
Young Science Award for Best Poster Presentation	Mr. Nitesh Rawat (PhD Student)	Uttarakhand Council for Science and Technology	27/02/2020	(Science)
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3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
Mushroom Cultivation Unit	Department of Rural Technology	HNB Garhwal University	Mushroom Cultivation Unit	Production of Oyster and button Mushroom	01/07/2019
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3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Sanskrit	3
Seed Science Technology	3
Sociology	6
Statistics	1
Zoology	7
Archaeology	3
Biotechnology	1
Botany	6
Chemistry	5
Commerce	12
Defence Strategic Studies	3
Drawing Painting	3
Economics	2
Education	14
English	4
Forestry	2
Geography	4
Geology	3
Hindi	4
History	4

Horticulture	3
Mass Communication	2
Mathematics	2
Microbiology	2
Music	1
Philosophy	1
Physics	4
Plant Physiology	2
Political Science	3
Psychology	2

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

Type	Department	Number of Publication	Average Impact Factor (if any)
National	Forestry NR	11	0.2
International	Forestry NR	4	1.8
International	Rural Technology	4	2.23
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3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Mathematics	4
Hindi	6
Mechanical Engineering	6
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3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
Antidiabetic Herbal Formulation Prepared From Meliaazedarachand Methods There of	Filed	202011004587	03/02/2020
A novel compound with anticancer activity	Published	201821037243	10/04/2020
Formulation of antidibetic herbal tablets from methanolic plant extract of Clematis buchaniana	Published	201911034168	09/06/2019
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3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Current Trends on Seaweeds: Looking at Chemical Composition, Phytopharmacology, and Cosmetic Applications	Salehi B, Sahrifi-Rad J, Seca AML, Pinto DCGA, Michalak I, Trincone A, Mishra AP, Nigam M, Zam W, Martins N	Molecules	2019	39	H.N.B. Garhwal University	32
Complex Patterns to the (31)-Dimensional B-type Kadomtsev-Petviashvili-Boussinesq Equation	Guirao, J.L.G., H.M. Baskonus, Ajay Kumar, M.S. Rawat and Gulnuryel	Symmetry	2019	18	H.N.B. Garhwal University	12
Natural-synthetic fiber reinforced homogeneous and functionally graded vinylester composites : Effect of bagasse-Kevlar hybridization on wear behavior	Singh, T., Gangil, B., Singh, B., Verma, S. K., Biswas, D., Fekete, G	Journal of Materials Research and Technology	2019	16	H.N.B. Garhwal University	11
Spatial interrelationship of landslides, lithotectonics, and climate regime, Satluj valley, Northwest Himalaya	Kumar, V, V Gupta, YP Sundriyal	Geological Journal	2019	12	H.N.B. Garhwal University	9

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

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Spatial interrelationship of landslides, litho?tectonics, and climate regime, Satluj valley, Northwest Himalaya	Kumar, V, V Gupta, YP Sundriyal	Geological Journa	2019	16	9	H.N.B.Ga rhwal University
Preparation and evaluation of hair growth for mulations of Indian ginseng (Withania somnifera) for alopecia	Pandey, Mukesh, Lokesh Adhikari, Rupali Kotiyal, Ajay Semalty, Mona Semalty	Asian Journal of Biological Sciences	2019	20	1	H.N.B.Ga rhwal University
An enigmatic new ungulate-like mammal from the early Eocene of India	Zack S.P., Rose K.D., Holbrook L.T., Kumar K., Rana R.S., Smith T.	Environm ental Science and Pollution Research	2019	21	2	H.N.B.Ga rhwal University
Health risks associated with the exposure to Uranium and heavy metals through potable groundwater in Uttarak hand state of India.	Prasad, Mukesh, G. Anil Kumar, S.K.Sahoo, R.C. Ramola	J. Radio analytical and Nuclear Chemistry	2019	25	4	H.N.B.Ga rhwal University

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	33	96	4	1
Presented papers	31	50	4	1
Resource persons	18	88	6	2
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3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Prof. S.C.Bagri	Ekikrit Ajivika Sahajog Pariyojna	(Rural Development Department, Govt. of Uttarakhand)	1000000
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3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
Nil	Nil	Nil	0	0
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3.6 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Run for Clean Green Srinagar (08-10-2019)	Department of Yoga with collaboration of Srinagar Municipality	4	200
Training and Exposure visits (2019)	National Mission on Himalayan Studies	10	103
Field demonstration and lecture delivered (20-12-2019 to 10-02-2020)	DST- Inspire Programme	3	240
Blood donation Day (01-10-2019)	NSS, Birla campus Srinagar	1	100
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3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Medicinal Plant awareness	Certificate of Commendation and Honour	National Medicinal Plant Board, Ministry of Ayush, Govt. of India	50
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3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Udant Bharat Abhiyan	UBA cell	Distribution of Food packet, soaps and mask	2	6
SWACHH Bharat	NSS, Birla campus	SWACHH Bharat on the occasion of NSS Foundation Day 24 September 19 and Aids awareness under RED RIBAN CLUB WORLD AID	1	120
Gender Equality	Deptt. of Yoga	Gender Issue	4	38
Swachh Bharat	Deptt. of Physical Education	Clean Campus and Play Grounds	6	99
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3.7 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Network Research Project	Prof. M.C. Nautiyal, HAPPRC and Dr. C.P. Singh, SAC	ISRO	1095
Indo-Danish collaboration	Faculty from Univ of Copenhagen & HNBGU	Univ of Copenhagen	365
Himalayan Cloud Observatory Project	Dr Alok Sagar Gautam, Physics Department and Prof S N Tripathi, IIT Kanpur	DST	1095
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3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
MoU	Sharing of research facilities	ISF COLLEGE OF PHARMACY, (An Autonomous College), GT Road, Ghal Kalan, MOGA-142 001(Punjab) INDIA, Mobile: 91 8146562883, website: - w ww.isfcp.org	22/02/2020	30/06/2020	Meenakshi Negi (Pharm. Science)
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3.7.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
ISF College of Pharmacy, Moga	22/02/2020	Sharing of research facilities	1
Indo-Danish collaboration	11/10/2019	Cooperation [joint research projects and joint courses] within the areas of Freshwater ecosystems function and services.	48
University of Haifa Israel	24/11/2019	International cooperation and exchange of faculties and students in education and research	0
Texas Tech University, USA	01/03/2019	Establish an international relationship designed to strengthen the bonds between the two institutions	1

Integrated Livelihood Support Project (ILSP), Uttarakhand Gramya Vikas Samiti (UGVS), Government of Uttarakhand	05/03/2020	Ahar evam Poshan Mahatva on 12.03.2020	15
Indian Council of Forestry Research and Education (ICFRE), Dehradun (an Autonomous Council under the Ministry of Environment, Forest and Climate Change)	11/11/2019	Sharing of research facilities	7
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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
900	739.5

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Classrooms with LCD facilities	Existing
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4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
NIL	Nill	NIL	2021

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	526168	90831000	3037	1886000	529205	92717000
Reference Books	24166	123750000	0	0	24166	123750000
e-Books	7789	27994000	2689	13743000	10478	41737000
Journals	257	768000	88	303000	345	1071000
e-	125	235000	409	968000	534	1203000

Journals						
Digital Database	0	0	3	2081000	3	2081000
CD & Video	501	0	0	0	501	0
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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Dr Ajay Semalty	Innovations and quality in Thesis Writing I	SWAYAM / ARPIT	11/01/2020
Dr Mona Semalty	Liquid orals: Formulation and manufacturing of solution, syrups and elixirs, Filling and packaging	SWAYAM / ARPIT	22/07/2019
Dr Ajay Semalty	Preformulation II: Hydrolysis, oxidation, reduction	SWAYAM / ARPIT	22/07/2019
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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	539	54	45	6	2	150	42	100	34
Added	15	1	1	0	0	1	1	100	4
Total	554	55	46	6	2	151	43	200	38

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

100 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
NIL	NIL

4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on	Expenditure incurred on	Assigned budget on	Expenditure incurred on
--------------------	-------------------------	--------------------	-------------------------

academic facilities	maintenance of academic facilities	physical facilities	maintenance of physical facilities
335	5490598	0.15	787209

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

HNB Garhwal University Library System started its journey four and half decades ago with the establishment of the University in the year 1973 as a central facility for meeting the information requirements of the academic community of the University. The Knowledge Resources available in HNBG University Library System has been categorized into 09 collections and accordingly, arranged and maintained separately: 1) Text Book Collection, 2) Reference Collection, 3) Periodical Collection, 4) Ph.D. Theses Collection, 5) Reports and Conference Proceedings Collection, 6) Donated Collection of Eminent Scholars which includes important Manuscripts and rare documents, 7) Himalayan and Uttarakhand Collection, 8) Audio-Visual Collection and 9) Digital and electronic Collection. For proper maintenance and utilization of library resources, the following initiative have been introduced by the University. 1. To have a balance and standard collection in Library System, the selection and procurement have been done through empanelment of vendors. Recently library has acquired a large no. of e-resources, text books and reference books. 2. All the library system has been connected through wi-fi connectivity for library users. 3. For organization of knowledge available in the library, the international classification standard (Dewey Decimal Classification scheme) and Anglo American Cataloguing Rules have been followed along with Library of Congress subject heading for organising standard keywords to retrieve information in the library. All the inventory of library knowledge based has been made available in computer readable form. 4. The standard procedure has been followed for circulation control i.e. charging and discharging of library documents. For proper shelving of library books all the documents are being organised according to call number. 5. Recently a decision has been taken by the University to introduce more e-resources like- SCOPUS, MANUPATRA and other databases and Brill journals along with e-books of Elsevier, Springer Nature, wiley, Taylor Francis, Routledge, Perason, Sage and others. All these e-resources are accessible through our Universitys IP addresses of all campuses. A decision has also been taken to make all these resources accessible remotely. 6. To extend reading facility to more users, a modern reading hall of 150 sitting capacity have also been constructed. The opening hours has also been extended from 8 AM to 8 PM in all working days. During this year a world class book exhibition has been organised for the library users, so that they can have an exposure to international books and cultivate reading habits.

http://www.hnbg.ac.in/sites/default/files/2020-11/Policy%20for%20maintenance%20of%20infrastructure_0.pdf

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Non Net	335	24838000
Financial Support from Other Sources			
a) National	1. OBC and SC Scholarship for Manipur Student,	13	163000

	2.Scholarship to ST Student 3. Umbrella Scheme for Education of ST Students Arunachal Pradesh, Central Sector Scheme for College and University Student		
b)International	0	0	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Remote Sensing, GIS and GNSS Technology (Two week)	13/04/2020	77	IIRS-Dehradun
IIRS outreach programme on Basics of SAR Remote Sensing (Two week)	26/05/2020	2	IIRS-Dehradun
IIRS outreach programme on Overview of Planetary Geosciences with special emphasis to the Moon and Mars (One week)	08/06/2020	5	IIRS-Dehradun
IIRS outreach Programme on Health GIS (One week)	15/06/2020	9	IIRS-Dehradun
Mentor-Mentee Club of Sanskrit Department	01/09/2020	20	Sanskrit Department
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
Nil	Nil	0	0	0	0
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
1	1	15

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
CNCS INFOTECH, Cognigent	50	17	Ultra Tech Cement Ltd, Concentrix, Glance bay, Nova Scotia, Canada Uni Medico Labs Dehradun, Mysha India Services Pvt. Ltd, Yoho Travels, KoiMoi Travels, Thr illophilia,	65	24

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

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2019	3	B.Tech (Mechanical Engg.)	Mechanical Engg.	Jamia Millia Islamia, Delhi., IIT, Ropar	M.Tech
2019	3	M.Sc Chemistry	Chemistry	IIT Roorkee, NIT Srinagar, IISER Bhopal	NET-JRF. IIT Roorkee, NET-JRF, NIT Srinagar, DST INSPIRE, IISER Bhopal
2019	4	B.Sc Forestry	Forestry	NERIST-Nirjuli-Itanagar	M. Sc, Forestry, M.Sc. Remote Sensing, M.Sc. Tropical and International Forestry
2019	1	B.Sc Forestry	Forestry	IIRS-Dehradun	M.Sc. Tropical and

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

Items	Number of students selected/ qualifying
NET	58
SET	1
SLET	1
GATE	23

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

Activity	Level	Number of Participants
Volleyball	Intercollegiate competition	96
Badminton	Inter College Competition	78
Football	U-17 Inter School Championship	8
Athletics	Inter Faculty Meet	200
Yoga	Inter College Competition	12

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5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	Bronze Medal	National	1	Nil	HNBGU/SP ORTS/AI(KI UG)/2020/J U-01	PRAVEEN SAKLANI

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

Inter-School and Inter-Collegiate Cultural and academic competition were organized from March 04, 2020 to March 07, 2020 at Birla Campus, Srinagar (Garhwal). Ten teams representing the Schools participated in the Inter-School competition, and nine teams of colleges including one from campus participated in the Inter-Collegiate competition. On this occasion cash prizes were given to the students of the University for their Outstanding Contribution and performance in sports, NSS, NCC, cultural and literary events. The President and Secretary of the Student Union are member of the Committee constituted to revise the various fees for the session 2019-20. Also, the office bearers of the Student Union are consulted in all the matters related to student welfare.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Yes, HNB GARHWAL UNIVERSITY ALUMNI ASSOCIATION was registered on 03.03.2016.

5.4.2 – No. of registered Alumni:

17

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

10000

5.4.4 – Meetings/activities organized by Alumni Association :

1

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

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

The University upholds the culture of participative management and decentralization. The faculty participates in various statutory bodies viz., Board of Studies (BoS), School Board, Academic Council (AC) and Executive Council (EC) and regularly interact to frame suitable policies to lead the university as a team for its all round development. Also, collective decisions are taken in agreement of all members thereby facilitating the execution of the tasks. The students are also members of various boards, councils and committees. The University has the provision of rotational headship and deanship which ensures decentralization of power and inherently support participative approach towards decision making at relevant forum. The faculty members are nominated to different committees constituted from time to time to facilitate administrative workings, thereby providing them administrative exposure and opportunity to participate in decision making. Young faculty members are encouraged to join programmes like NSS, NCC, DSW board etc. so as to gain participate in the beyond curriculum activities. Furthermore, the students are also involved in conduct of co-curricular/ sports activities in the campuses. The University also has a separate Planning and Development Cell to execute its developmental activities catering to the needs of the stakeholders. For Strengthen the research facility for the faculty and students the university have established the Research and Consultancy Coordination cell(RCCC).

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

Partial

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Examination and Evaluation	Sessional tests are based on assignment/ report writing/ seminar presentation besides the written tests. The answer scripts are shown to the students for redressal of any grievance.

Curriculum Development	The curriculum is regularly revised keeping in view the advances in the subject by the respective Board of Studies (BoS). To address to the need of courses being job-oriented, a provision for including persons from industry as Special Invitee has been made. Suggestions from the students are also discussed in the BoS.
Teaching and Learning	Teaching and Learning Innovative teaching methodology is encouraged. Learning is made more interactive by means of tutorials, assignments, seminars and project work.
Research and Development	A dedicated Research and Consultancy Coordination Cell (RCCC) has been established to facilitate research activities in the University. A corpus of 40 Lakh has been set up for supporting the activities of the RCCC. The University is supporting prospective Project Investigators for taking up minor research projects , support for organizing lectures, article processing charges etc.
Library, ICT and Physical Infrastructure / Instrumentation	New journals including both print and online have been subscribed for the users during 2018-19 Extension of Library Timing: During the reporting year, the timing of libraries has been extended from 8 AM to 8 PM. Because of this effort, a large number of students/users have started using the library services Extension of Reading Hall facility: A Modernized reading hall is being constructive where about 150 users can sit at a time. In this reading hall all the facilities like Xerox facility, cafeteria facility, etc will also be available to the users. It is also planned that this reading hall will be available to the users for 24 hrs. This facility is accessible to all types of users including physically challenged users. Library automation is underway. Regular addition to the ICT facilities is made. The Computer Centre maintains 100 MBPS Leased Lines installed in the three campuses for Campus Wi-Fi facility, which is in final stage of being operational. The NMEICT/ NKN PROJECT provides video conferencing facility for CIC, MHRD, UGC etc. It also provides bandwidth and technical support to the SWAYAM, MOOCs, NPTEL users. Infrastructural facilities are being enhanced by construction of

	Hostel, Canteen, Laboratory and smart classrooms. Also, instruments with multiple users are given preference in procurement. sanitary pad vending machines and incinerator have been installed in the hostels
Admission of Students	Admission of Students Admissions for some of the UG programmes is on merit basis, while admissions to PG and Ph.D. programmes are through All India Entrance Examinations. The admission notice is given wide publicity by displaying on the website and advertising in National and Regional newspapers.

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

E-governance area	Details
Planning and Development	<p>The University has a Planning and Development Board (Notification No. HNBGU/RO/2017-(1) Dated 30 March 2017. The board is responsible for preparing prospective plan of the University coordinate the proposals and developmental projects to be submitted to the funding agencies etc.</p> <p>Administration File Tracking System (FTS) has been initiated. Finance and Accounts Prior approval of the Finance Committee of the University is sought for major financial decisions. The University strictly follows the GFR 2017 for all financial transactions.</p> <p>The goods are procured through Government e-Market. All payments are now through digital mode (PFMS). Internal audit along with the audit by CAG is done regularly. E Office is under planning and being processed. The application and screening of application in recruitment of the university is being conducted through SAMARTH PORTAL</p>
Student Admission and Support	<p>The e- Governance Cell of the University through its ERP enables online filling of entrance examinations form and subsequent short listing for admissions Examination The e-Governance Cell of the University through its ERP facilitates student to fill online examination form for end semester examinations. With help of user id and password colleges can verify online filled examination forms, generate roll list and admit cards of students. It also enables students to download their own admit card if the form is verified</p>

by the college/university. This system also facilitates examiners feeding of internal and external examination marks online. This system also generates tabulation charts and online grade sheet for internal use of university. Once result is declared by the university students can download their grade sheet online with the help of their own user id and password.

6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	Prof R S Panwar	41th Indian Geographical Congress organised by NAGI at Sagar University , Sagar, MP	UGC Unassigned Grant	10000
2019	Prof M S Negi	41th Indian Geographical Congress organised by NAGI at Sagar University , Sagar, MP	UGC Unassigned Grant	10000
2019	Prof B P Naithani	41th Indian Geographical Congress organised by NAGI at Sagar University , Sagar, MP	UGC Unassigned Grant	10000
2020	Dr. Indrashis Bhattacharya	World Congress on the Reproductive Health and 30th Annual Meeting of ISSRF, from Feb 14-16, 2020	Sri Mata Vaishno Devi University, , Katra, Jammu, JK, India	10000
2020	Dr. Alok Sagar Gautam	International Foundation for Environment and Ecology, February 24, 2020.	DST Funded Project	10000

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6.3.2 – Number of professional development / administrative training programmes organized by the University for

teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	Hindi Pakhwara	Hindi Pakhwara	14/09/2019	14/09/2019	20	15
2019	Capacity Building Program For Teacher Educators On Issues And Challenges Of Persons With Disabilities	Capacity Building Program	17/07/2019	22/07/2019	23	Nil
2019	Workshop On Academic Writing For Prospective Teachers	Workshop On Academic Writing	08/08/2019	10/08/2019	44	Nil
2019	One Week Programme On Academic Leadership For Internship Schools' Principal/Senior Faculty	One Week Programme On Academic Leadership	26/08/2019	01/09/2019	48	Nil
2019	Reorienting Education Towards Sustainability For Higher Education Teachers	Reorienting Education Towards Sustainability	05/12/2019	10/12/2019	32	Nil
2020	Training Program For Prospective Teachers On	Training Program	04/03/2020	06/03/2020	40	Nil

	Holistic Health					
2020	One day Training Programme on Human Right organised by Department of Law SRT Campus Tehri in Collaboration with NHRC, New Delhi	One day Training Programme	18/02/2020	18/02/2020	42	Nil

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

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
ARPIT Online Refresher Course in Pharmacy for Higher Education organized by BHU	3	16/10/2019	16/02/2020	120
Faculty Development Program on MOOCS and MOODLE Based Learning Management System (Through Online Mode) from IGU Meerpur, Rewari (Haryana)	1	15/06/2020	22/06/2020	7
Faculty Development Programmes	2	18/05/2020	03/06/2020	14
Refresher course Multidisciplinary approaches to address environmental issues	1	12/09/2019	26/09/2019	14

emerging Trend
in Physical,
Biological and
Social sciences

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
246	263	522	168

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
i. Health Scheme (CGHS) ii. Children Reimbursement Allowance iii. Housing Loan iv. Vehicle Loan	i. Health Scheme (CGHS) ii. Children Reimbursement Allowance iii. Housing Loan iv. Vehicle Loan v. Employee Welfare Fund	i. Scholarships ii. Remedial Coaching iii. Free Bus Service

6.4 – Financial Management and Resource Mobilization

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

The University has an Internal Audit wing headed by a Professor ,with separate establishment which does the audit work regularly. The CAG conduct audit twice a year, one for Annual Accounts and other for Performance Audit. The Audit system is strengthened further, as it is monitored by a separate 'Audit Review Committee'.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Nil	0	0
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6.4.3 – Total corpus fund generated

0

6.5 – Internal Quality Assurance System

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

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

6.5.2 – What efforts are made by the University to promote autonomy in the affiliated/constituent colleges? (if applicable)

The University conducts meetings with the Principals/ Directors of the affiliating colleges and institutes to address their problems. The affiliated colleges have full autonomy as regard to the mode of admissions.

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

Although no formal Parent - Teacher Association is in place, the parents are informed of the shortcomings of the students in attendance etc.

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

a. The University conducted 'Short Term Computer Training Programme' for the clerical staff. b. The Officers and staff of the University are deputed for undertaking Training programmes related to GeM c. The Officers and staff of the University are deputed for undertaking Training programmes related to PFMS etc.

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

1. Establishment of Research and Consultancy Coordination Cell (RCCC) to facilitate the functioning of research projects and create a research centric environment in the University. 2. Establishment of University SWAYAM Board to promote access and adoption of online courses by the students. 3. Establishment of Institution Innovation Council (IIC) following the MHRD guidelines to foster a culture of innovation in the campus. 4. Strengthening of the Faculty Development Centre under MHRD Scheme of PMMNMTT. 5. Establishment of SC, ST, OBC PwDs Cell and Anti-Discrimination Cell to create awareness on related issues and protect the rights of the concerned. 6. The payment to Guest faculty has been enhanced. 7. Student feedback system has been suitably modified and strengthened to obtain relevant for improving the quality of teaching and learning. 8. The Board of Studies (BoS) has been directed to invite special members from the Industry for designing curriculum of courses, wherever required so as to improve the placements. 9. Establishment of Language Lab in the Birla Campus, Srinagar. 10. Gym is fully functional.

6.5.6 – Internal Quality Assurance System Details

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

6.5.7 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	Assessors Orientation Program (AOP) on Revised Accreditation Framework	26/09/2019	26/09/2019	26/09/2019	66
2019	A meeting of IQAC was held	24/09/2019	24/09/2019	24/09/2019	22

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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants
------------------------	-------------	-----------	------------------------

			Female	Male
International Women day	08/03/2020	08/03/2020	25	13

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

Percentage of power requirement of the University met by the renewable energy sources
<p>All the campuses are being quipped with solar power supported equipment. Percentage of power requirement of the University met by the renewable energy sources Percentage of power requirement of the University met by the renewable energy sources 0.006 • New buildings in the University have been constructed with more provision of natural lighting and ventilation, enabling lower consumption of electrical energy in day time. • Solar water heating system installed in hostels. Additional 08 panels installed at SRT campus, Tehri. • 95 solar street lights of 18 watt have been installed in Chauras Campus. • Students are sensitized to avoid misuse of water in laboratory and day to day life (Save Water, Save Earth programme, Department of Biochemistry) • Under "Save Energy, Make better India" Programme of department of Biochemistry encourages Students are encouraged to save electricity by immediately switching off the electrical appliance/ equipments when not in use.</p>

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	12
Provision for lift	Yes	12
Ramp/Rails	Yes	12
Braille Software/facilities	No	0
Rest Rooms	Yes	12
Scribes for examination	Yes	12
Special skill development for differently abled students	No	0

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2020	1	1	17/02/2020	6	Importance of Herbal Garden (Students visit nearby village Mangsu and	Awareness about Medicinal plants growing their premises	11

					motivate to villager to grow some medicinal plants in their kitchen garden or in their fields)		
2020	1	1	09/06/2020	01	Anti-Discrimination cell	Gender Equality and women right	50
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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Code of Professional of Ethics	01/07/2020	UGC Regulations on Minimum Qualifications for appointment of teachers and other academic staff in universities and colleges and measures for the Maintenance of Standards in Higher Education, 2018 has been adopted by the University

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
One week workshop conducted on publication Ethics.	17/02/2020	22/02/2020	22
Online lecture series	01/06/2020	21/06/2020	250
World Suicide Prevention Week	10/10/2019	16/10/2019	63
Mental Health Awareness (Swa-Mann)	19/09/2019	19/09/2019	18
World-Mental Health Day	10/10/2019	10/10/2019	21
Meditation for Shaping Enlightening Youth Mind	15/11/2019	15/11/2019	74
Psychology as a Science	28/11/2019	28/11/2019	22

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

The University has identified priority areas for making the campuses ecofriendly. I. Energy Conservation • All the compact fluorescent lamps (CFLs), mercury and sodium vapour (250 watt 125 watt) street lights have been changed to energy efficient Light Emitting Diodes (LEDs) bulbs and tube sets (40 watts) in the campuses in the campuses. • The faculty members, administrative staff and students are sensitized to use electric power judiciously. • Provisions of master switch to all the classrooms to enable switching off all fans/lights at the end of class work have been made in the University • New buildings in the University have been constructed with more provision of natural lights and ventilation, enabling lower consumption of electrical energy in day time. II. Use of Renewable Energy • Major initiative have already been taken by the University for installing solar water heating systems in most of the hostels (Mandakini Bhagirathi Trishul and Forestry hostel) in the year 2011. A total of 72 solar panels (size 1.5m×2.5m) fitted with photovoltaic cells have been installed. • Additional 08 panels installed at SRT campus, Tehri. • 95 solar street lights of 18 watt have been installed in Chauras Campus. • 500 KW Grid connected solar panel system will be installed soon. III. Rainwater Harvesting Rainwater harvesting systems are in operation in most of the buildings of the University. Both roof water and storm waters are harvested for various uses and recharging the groundwater. • Four water harvesting tanks (03 tanks of the size: 13.0m×7.0m×2.0m each and 01 tank of size: 4.90m×2.40m×2.40m) are in operation in Chauras campus only. • Three water collection tanks of total capacity of 2.35 lakh litre are also in operation in student hostels compound at the Chauras Campus. • The stored rainwater is being used extensively in irrigating Horticultural Research Garden and plantation in the Chauras Campus and for recharging the aquifers/ ground water. IV. Check Dams Construction: The University is located in the mountainous region and it is aware about the fragility and vulnerability of the site of the campuses. Thus, construction of check dams, retaining walls, toe walls and river fronts for stabilizing the slopes and landslide zones and the eroding river banks of the Alaknanda have been a priority area. • A protection wall (55.0m×6.0m) of RCC has been constructed for protecting the building of old Archeology Museum at Srinagar Campus. A retaining wall (48.0m×6.5m) was also constructed for the protection of the building of High Altitude Plant Physiology Research Centre and Glass House. Two retaining walls (70.0m×7.0m each) have also been constructed for the stability of residences of Professors and Associate Professors and the Guest House. Many check dams have been constructed in the vicinity of Vice-Chancellor's residence for controlling landslides and soil erosion in the Chauras

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice - I.. SAMADHAN, a Clean and Green Campus Mission with the participation of university fraternity created a SamadhanVatika at Chauras Campus. • Dialogue with the Society The Centre for Journalism and Mass Communication has been establishing dialogue with the society through its monthly journal 'Sanchar Tatva'. • Department of Commerce Undertook plantation in the premises of the department by the students of B.Com. as part of internal assessment of Ability Enhancement Compulsory Course (Environmental Science). The Commerce Innovative Club established by the PG and PhD students also conduct weekend discussions on various contemporary issues

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

7.3 – Institutional Distinctiveness

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

The University, being situated in the lap of Himalayas, has a distinctive feature of catering to the needs of the largely hill population and address the concerns related to the Himalayan region. Moreover, the geographical location and setup of the region offers endless opportunities to discourse the unique natural environment which abounds in rich flora and fauna besides distinct historical, cultural and socioeconomic identity. "Encouraging mountain specific research" is an integral part of the vision statement of the University. The High Altitude Plant Physiology Research Centre (HAPPRC) is focused on promotion of high altitude medicinal and aromatic plants (MAPs) for their cultivation and creating awareness for conservation of natural resources. Department of Rural Technology is constantly working towards strengthening the socio-economic condition of the hill people by harnessing local resources and identification of potential sector for technology interventions so as to provide income generation activity. Department of Economics has been working continuously for exploring the major issues of the mountain economy through special focus on socio-economic research. Department of Commerce has been undertaking research in the area of Entrepreneurship and Small Business Development, Horticulture Marketing, Financial inclusion for promoting entrepreneurship visions, rural financial services, motives and skills among the students and young entrepreneurs of the region. Centre for Folk Performing Arts and Culture, to preserve and promote the folk arts, folklores, folk music, instruments and culture of Uttarakhand the University has been established. Department of Drawing and Painting train the students especially in 'Garhwal School of Painting'. Department of History Archaeology carries out archaeological exploration and excavation to reveal the rich historical heritage of Uttarakhand and showcase the archaeological artefacts in the 'Museum of Himalayan Archaeology and Ethnography'. Centre for Mountain Tourism and Hospitality studies (CMTHS) has been carrying out research work on various areas of the discipline with special emphasis on eco-tourism, pilgrimage, heritage and adventure tourism. Department of Yoga is taking yoga education and practices to masses for mental and physical well being of the local populace. Department of Physical Education conduct rallies, runs and sports activities for promoting health, sports and fitness among the masses so as to tap the potential of the youths to excel in sports. Motivational Lectures are organized for students by the University,. The University is strengthening mountain specific RD, with human centric approach. Twelve villages have been adapted by the University

Provide the weblink of the institution

<https://www.hnbgu.ac.in/sites/default/files/2020-10/7.3%20Institutional%20Distinctiveness.pdf>

8.Future Plans of Actions for Next Academic Year

The University aims at achieving academic excellence with an approach of One Himalaya with ecologically and economically sound development. Activities are being taken up in multi disciplinary and multi institutional approach as being proposed in the New Education Policy New Courses Proposed: 1.To start B. Sc. Home Science Degree Course(Department of Home Science), Two Year MBA program in Hospitality Management(Centre for Mountain Tourism and Hospitality Studies). 2.To start all 04 specialisations in Chemistry - Organic, Inorganic, Physical and Analytical Chemistry subject to recruitment of faculty in the available vacant positions.(Department of Chemsitry) Other plans: 1. To create an advanced centre of Natural Products (Department of Chemsitry) 2.To develop arboretum of local

tree species of Uttarakhand for the biodiversity conservation 3.Focus to conserve the local germ plasms of horticultural crops for future utilization (Department of Horticulture) 4.To Establish Mushroom Spawn Unit. Establishment of Rural Technology Demonstration Unit and Rural museum. (Department of Rural Technology) 5. To develop a small antiviral lab of its own where we will be able to conduct antimicrobial studies (Department of Pharmaceutical Chemistry) 6.Thrust on the development of adequate Open Educational Resources (OER) and Massive Open Online Courses (MOOCs) in all the departments of the university. 7.To adopt one remote Village per Year of Garhwal region of Uttarakhand for conducting yoga training camp (Department of Yoga) 8.To renew International collaboration with the university of Romania for faculty and students' exchange and explore other collaboration. (Centre for Mountain Tourism and Hospitality Studies). 9.To establish Language Lab for Students of Education Department, Students of campus In Service teachers (working in Primary, Secondary and Higher Education level in state government institution) and to provide facilities to improve Language (all three languages-Hindi, English Sanskrit), Proficiency in Reading, Writing and Listening to our stakeholders. 11.The University plans to conduct at least 02 International and 10 national level seminars. 12. The University is planning to bring out a news letter for dissemination of informatioin related to its activities. 13. Multi institutional projects are being formulated. 14. The University is presently coordinating the activities on following themes under Indian Himalayan Central University Consortium (IHCUC i) Female labour in the Hills, ii) Agroecology in Himalayan states, iii) cost effective tourism in hills, iv) livelihood to check migration , and v) Water conservation and harvesting H.N.B.G.U will continue to work in themes in coordination with other Universities under IHCUC