



Yearly Status Report - 2018-2019

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.	9412079300
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. Om Prakash Gusain
Phone no/Alternate Phone no.	01346251212
Mobile no.	9412960926
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/2019-08/AQAR%202017-18.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/2020-10/Academic%20Calendar%202018-19.pdf

5. Accrediation Details					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
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	Date & Duration	Number of participants/ beneficiaries

IQAC		
Coordinated the submission of data to Institutional Swacchta Ranking	25-Aug-2020 15	25
Compiled and edited the Annual Report of the University	01-Nov-2018 60	7
Organized workshop on IPR in collaboration with department of pharmaceutical chemistry	17-Nov-2018 1	91
Submission of additional journals to UGC list of approved journals after removing predatory journals	01-Sep-2018 7	21
Participated in NIRF	29-Nov-2018 45	96
Awareness workshop on NAAC Revised Accreditation Framework	29-Apr-2019 1	74
Meeting of IQAC organized	05-Dec-2018 1	21
Feedback from students collected, analyzed and used for improvement	30-Jun-2019 60	3900
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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 DRS- Phase-II	University Grants Commission	2018 1825	5875000
Department of Zoology and Biotechnology	DBT HRD (PG programme)	DBT, New Delhi	2008 4380	2500000
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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

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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	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	Yes
If yes, mention the amount	100000
Year	2019

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

Coordinated finalizing of quarterly performance reports and target achieved report of the tripartite MoU between HNB Garhwal University, UGC and MHRD

Coordinated finalizing of intake for academic programmes for implementation of EWS reservation for academic session 2019-20 and 2020-21

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

Convened a meeting of hostel wardens to discuss feedback obtained from hostellers during session 2018-19

Director IQAC delivered a lecture in Induction Programme for Teachers of Universities and Colleges, organized by FDC, HNB Garhwal 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	Achievements/Outcomes
Quality Assurance/ Enhancement	Induction/ Orientation programme for the 1st Semester students were organized by the teaching departments. Feedback was obtained from students' on teachers Curriculum. The Board of Studies (BoS) of all the departments were asked to consider the suggestions on curriculum by students. The IndustryAcademia linkage has been strengthened by organizing Aarohan, an IndustryAcademia linkage event. The Bos

of all the departments were asked to update their Programme Outcome/ Course Outcome and upload on the University website. Induction/ Orientation programme for the 1st Semester students were organized by the teaching departments. Feedback was obtained from students' on teachers Curriculum. The Board of Studies (BoS) of all the departments were asked to consider the suggestions on curriculum by students. The IndustryAcademia linkage has been strengthened by organizing Aarohan, an IndustryAcademia linkage event. The Bos of all the departments were asked to update their Programme Outcome/ Course Outcome and upload on the University website.

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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
Academic Council	23-Oct-2019

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

No

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission

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 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 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 Online Hostel Management System facilitates student to fill online Hostel Admission form. With the help of user id and password, Warden can verify online filled Hostel Admission forms, generate merit list with percentile score to allot the room in hostel. Warden can trace each students residing in the hostel Online Admission System facilitates students to fill online admission form for admission in 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
BCom	SOC/BCOM	Commerce	13/10/2018
MCom	SOC/MCOM	Commerce	13/10/2018
BA	SOACL/ENG/BA	English Core & Compulsory I & III	20/07/2018

		Semester	
BA	SOACL/ENG/BA	English Generic Elective	20/07/2018
BSc	SOLS/BSc/BC	Biochemistry	20/02/2019
PhD or DPhil	SOLS/PB	Biochemistry	20/02/2019
BTech	SET/CSE/CSA SET/CSE/MT SET/CSE/BT	CSA, MT, BT	03/10/2018
BPed	SOE/PE	Physical education	29/01/2019
BA	SOS/ST/BA/BSc.	Statistics	02/05/2019
BSc	SOS/ST/BA/BSc.	Statistics	02/05/2019
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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
BCom	Commerce	13/10/2018	Personal Selling and Salesmanship (BC-303) Investing in Stock Markets (BC-404) Economics of Regulation of Domestic and Foreign Exchange Markets (BC-503b) Advertising (BC-504b) Project Management (BC 502)	13/10/2018
BCom	Commerce	13/10/2018	Investing in Stock Market (BC 404)	13/10/2018
BA	English	20/07/2018	BA I Semester Core Compulsory Language Course (CC)	20/07/2018
MBA	Business Management	27/12/2018	Entrepreneurs hip Development (BM/SOM/C-103)	27/12/2018
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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
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No Data Entered/Not Applicable !!!

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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
No Data Entered/Not Applicable !!!		

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
36th IIRS off- campus outreach (e-learning) programme on Basics of Remote Sensing and Digital Image Analysis organized by IIRS, ISRO, Department of Space, GoI, Dehardun, (Department of Forestry Natural Resources)	04/09/2018	34
37th IIRS off- campus outreach (e-learning) programme on Remote Sensing and Digital Image Analysis organized by IIRS, ISRO, Department of Space, GoI, Dehardun, (Department of Forestry Natural Resources)	04/09/2018	57
43th IIRS off- campus outreach (e-learning) programme on Advances in Forest Remote Sensing organized by IIRS, ISRO, Department of Space, GoI, Dehardun, (Department of Forestry Natural Resources)	05/03/2019	11
45th IIRS off- campus outreach (e-learning) programme on RS GIS Application in Watershed Management organized by IIRS, ISRO, Department of Space, GoI, Dehardun, (Department of Forestry Natural Resources)	08/04/2019	16
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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
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MSc	Pharmaceutical Chemistry (Industrial Training)	22
MSc	Geology (Dissertation)	25
MA	Sociology(Dissertation)	3
MSc	Pharmaceutical Chemistry (Hospital Training)	22
MSc	Geology (Field Trip)	25
MPharm	Dissertation	11
BHM	Internship	55
MBA	TTM - Internship	29
PG Diploma	TH (Internship)	5
MSW	(Dissertation/Field work/Internship)	57
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	No
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 the 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 consideration by conveying to the HoDs/ Warden in appropriate forum/ meeting.</p>

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	Science	2285	2555	1775
BSc	Yogic Science	30	32	24

BA	BA	2915	1649	1485
BA	Journalism	60	30	30
BCom	Commerce	510	382	354
BPharm	Pharmacy	60	236	60
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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
2018	9437	3096	14	21	222

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
257	170	18	34	26	14

[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. The Department of Business Management practices 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
13348	257	1:52

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	238	240	0	217

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,	Designation	Name of the award, fellowship, received from Government or recognized
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	international level		bodies
2018	Dr. Munesh Kumar	Assistant Professor	World Sustainable Agriculture Development Award 2018
2019	Dr. Munesh Kumar	Assistant Professor	Senior Scientist of the Year 2018 Award
2019	Dr. Alok Sagar Gautam	Assistant Professor	Young Scientist of the Year 2018
2019	Dr. Alok Sagar Gautam	Assistant Professor	Young Scientist Award by "Uttarakhand State Council for Science and Technology
2018	Dr. Alok Sagar Gautam	Assistant Professor	Promising Indian Award in Science and Technology
2019	Dr. Nisha Singh	Assistant Professor	Scholarship of the International Centre for Genetic Engineering Biotechnology
2019	Dr. Anoop K. Dobriyal	Professor	7th Academic Brilliance Award-2019 for Excellence in Research
2019	Dr. R.S. Fartyal	Assistant Professor	Fellow of Royal Entomological Society (UK)
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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
LLB	SOL/LLB	VI	22/05/2018	16/09/2018
BCom	SOC/BCOM	VI	18/05/2018	16/07/2018
BSc	B.Sc	VI	13/06/2018	08/08/2018
BA	BA	VI	13/06/2018	06/08/2018
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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
637	13950	4.56

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
B.Sc	BSc	B.Sc	1493	712	47.69
BA	BA	BA	1048	410	39.12
SOC/BCOM	BCom	Commerce	329	216	65.65
SOL/LLB	LLB	Law	79	53	67.09

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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)

No Data Entered/Not Applicable !!!

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
International	Dr. Nisha Singh (Biochemistry)	ICGEB-Fellowship (Not availed)	19/04/2019	International Centre for Genetic Engineering Biotechnology
International	Dr. Rajendra Singh Fartyal (Zoology)	FRES (Fellow of the Royal Entomological Society)	01/05/2019	The Royal Entomological Society, London
International	Dr. Alok Sagar Gautam (Physics)	Junior Associate, ICTP	07/08/2018	The Abdus Salam International Centre for Theoretical Physics, Trieste, Italy

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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
SERB-DST for Women (01)	730	DST, New Delhi

Non-Net Fellowship (266)	1460	UGC, New Delhi
Net-JRF (50)	1825	CSIR/UGC, New Delhi
Rajiv Gandhi National Fellowship (RGNF-SC ST) (16)	1825	UGC, New Delhi
ISHAN UDAY "Special Fellowship for North Eastern Region (NER)" (02)	1095	UGC, New Delhi
National Fellowship for Students of Other Backward Classes (NFOBC) (01)	1825	UGC, New Delhi
DS Kothari Post Doctoral Fellowship (DSKPDF) (01)	1095	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	MOEF, New Delhi	26.84	0
Major Projects	2920	DST, New Delhi	365.82	79.84
Major Projects	4380	DBT-BIF	70	24
Major Projects	365	DBT, New Delhi	8	1.74
Major Projects	1095	NMHS, GBPNIHESD, Almora	297.65	57.33
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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
One Day Workshop on Intellectual Property Rights (IPR)	Pharmaceutical Chemistry	17/11/2018
One Day Workshop on Intellectual Property Rights (IPR)	BGR Campus	26/03/2019
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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
No Data Entered/Not Applicable !!!				
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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
No Data Entered/Not Applicable !!!					
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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
Anthropology	1
Botany Microbiology	7
Chemistry	2
Commerce	10
Economics	5
Education	9
English	2
Environmental Science	2
Extension Education	3
Forestry Natural Resources	2
Geography	6
Geology	2
Hindi	5
History	4
Law	2
Mass Communication (CJMC)	2
Mathematics	2
Music	1
Philosophy	3
Physics	8
Plant Physiology (HAPPRC)	1
Political Science	8
Sanskrit	2
Sociology Social Work	7
CMTHS (Tourism)	4
Zoology Biotechnology	6

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 and Natural Resources	6	0.8
International	Forestry and Natural Resources	9	0.3
International	HAPPRC	9	0.62

International	Seed Science Technology	5	0.73
International	Chemistry	12	0.8
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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
Geography	1
Commerce	5
Mathematics	2
Chemistry	1
Seed Science Technology	3
HAPPRC	2
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3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
A novel synergistic herbal formulation of Withania somnifera for antihyperlipidemic and antiobesity activity (Dr. Ajay Semalty)	Published	309685	22/03/2019
A novel compound with anticancer activity' (Dr. Nitin Sati)	Filed	201821037243	03/10/2018
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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
Late Quaternary glaciation history of monsoon-dominated Dingad basin, central Himalaya, India	Shukla T., Mehta M., Jaiswal M.K., Srivastava P., Dobhal D.P., Nainwal H.C., Singh A.K.	Quaternary Science Reviews	2018	16	H.N.B.Garhwal University	4
Synthesis and	Gondwal M., Joshi	International	2018	19	H.N.B.Garhwal	7

Catalytic and Biological Activities of Silver and Copper Nanoparticles Using <i>Cassia occidentalis</i>	Nee Pant G.	Journal of Biomaterials			University	
Programmed Cell Death, from a Cancer Perspective: An Overview	Mishra A.P., Salehi B., Sharifi-Rad M., Pezzani R., Kobarfard F., Sharifi-Rad J., Nigam M.	Molecular Diagnosis and Therapy	2018	32	H.N.B.Garhwal University	12
<i>Satyrion nepalense</i> , a high altitude medicinal orchid of Indian Himalayan region: Chemical profile and biological activities of tuber extracts	Mishra A.P., Saklani S., Salehi B., Parcha V., Sharifi-Rad M., Milella L., Iriti M., Sharifi-Rad J., Srivastava M.	Cellular and Molecular Biology	2018	34	H.N.B.Garhwal University	24
Resveratrol: A double-edged sword in health benefits	Salehi B., Mishra A.P., Nigam M., Sener B., Kilic M., Sharifi-Rad M., Fokou P.V.T., Martins N., Sharifi-Rad J.	Biomedicines	2018	104	H.N.B.Garhwal University	28

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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	Institutional affiliation as mentioned in
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					citation	the publication
Programmed Cell Death, from a Cancer Perspective: An Overview	Mishra A.P., Salehi B., Sharifi-Rad M., Pezzani R., Kobarfard F., Sharifi-Rad J., Nigam M.	Molecular Diagnosis and Therapy	2018	8	12	H.N.B. Garhwal University
Satyrium nepalense, a high altitude medicinal orchid of Indian Himalayan region: Chemical profile and biological activities of tuber extracts	Mishra A.P., Saklani S., Salehi B., Parcha V., Sharifi-Rad M., Milella L., Iriti M., Sharifi-Rad J., Srivastava M.	Cellular and Molecular Biology	2018	7	24	H.N.B. Garhwal University
Resveratrol: A double-edged sword in health benefits	Salehi B., Mishra A.P., Nigam M., Sener B., Kilic M., Sharifi-Rad M., Fokou P.V.T., Martins N., Sharifi-Rad J.	Biomedicines	2018	8	28	H.N.B. Garhwal 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	7	41	0	0
Presented papers	15	65	0	0
Resource persons	22	66	0	0

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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)
0	0	0	0
No file uploaded.			

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
0	0	0	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
Plastic Free Campus (16 September, 2018)	NSS, Birla Campus, Srinagar	5	100
Swachhta hi Seva hai (01-15 September, 2018)	NSS, Birla Campus Srinagar	8	150
Free Health Check-up and Medical Aid Camp (1 July, 2018)	Chief Medical Officer, District Pauri Garhwal, Uttarakhand Swami Rama Himalayan University, Jolly Grant, Dehradun UBA Cell	1	4
Swachh Bharat Abhiyan (09-10 August, 2018)	UBA Cell HNBGU NSS, Birla Campus Srinagar Gram Panchayat Pokhri and Kathud village (District Pauri)	4	30
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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
University Mission for Awareness on Namami Gange (UMANG)	Letter of Commendation	State Programme Management Group (Uttarakhand), Namami Gange	1000
University Mission for Awareness on	Citation in 'International	Ministry of Environment and	1000

Namami Gange (UMANG)	Environment Summit 2018'	Namami Gange	
University Mission for Awareness on Namami Gange (UMANG)	Inspiring Green University Award 2019	Green Mentors Conference	1000
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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
Unnat Bharat Abhiyan (UBA)	UBA Cell HNBSGU NSS, Birla Campus Srinagar Gram Panchayat Pokhri and Kathud village (District Pauri)	Swachh Bharat Abhiyan (09 -10 August, 2018)	4	30
Unnat Bharat Abhiyan (UBA)	Chief Medical Officer, District Pauri Garhwal, Uttarakhand Swami Rama Himalayan University, Jolly Grant, Dehradun UBA Cell	Free Health Check-up and Medical Aid Camp (1 July, 2018)	1	4
Swachhta hi Seva hai	NSS, Birla Campus Srinagar	Cleanliness drive (01-15 September, 2018)	8	150
Swachh Bharat Abhiyan	NSS, Birla Campus, Srinagar	Plastic Free Campus (16 September, 2018)	5	100
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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
Research	02 (01 Professor 01 Student) (Sociology)	Own	150
Monitoring of Black Carbon and other aerosols over Sathopanth Glacier Uttarakhand	Dr Alok Sagar Gautam (Physics)	Indian Institute of Tropical Meteorology, Pune	150

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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
Internship/ Job Training	Internship/Job Training	PIRAMAL Foundation, SEVA International, Helpage India, Ajim Premji Foundation, SPYM, PRATHAM, HIMOOTTHAN, SBMA, AIIMS Rishikesh, VCSG Medical College, Srinagar, ICDS, Nagar Palilka Parishad, Srinagar	01/07/2018	31/05/2019	MSW Students (Sociology Social Work)
Research	Fellow Programs	Balvant Parekh Centre for General Semantics, Varodara (Gujarat)	01/07/2018	31/05/2019	04 (English)
Hospital Training Programme	Internship	VCSG Government Institute of Medical Science and Research, Srinagar,	01/06/2018	31/08/2018	36 students (Pharmaceutical Chemistry)
RD	Analysis of aerosol particles PM 10 and PM 2.5	Indian Institute of Tropical Meteorology, Pune New Delhi	01/01/2019	31/05/2019	Dr. Santosh Singh Miss-Nidhi Gairola (Rural Technology)

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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
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			students/teachers participated under MoUs
University of Applied Forest Sciences Rottenburg, Germany	01/04/2019	Student faculty exchange, Joint research publication symposias	1
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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
600	511.25

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Existing
Campus Area	Existing
Classrooms with LCD facilities	Existing
Classrooms with Wi-Fi OR LAN	Existing
Seminar halls with ICT 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
No Data Entered/Not Applicable !!!			

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	515687	79000000	10481	41299080	526168	120299080
Reference Books	29397	76475000	0	0	29397	76475000
e-Books	7928	27994000	0	0	7928	27994000
Journals	194	574000	63	194050	257	768050
e-Journals	0	0	128	234586	128	234586

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. Rajendra Singh Fartyal	Population concepts and Metapopulation (Refresher Course, NRC-Zoology)	SWAYAM (ARPIT)	15/01/2019
Dr. Rajendra Singh Fartyal	Allopatric Sympatric Populations (Refresher Course, NRC-Zoology)	SWAYAM (ARPIT)	15/01/2019
Prof. S. K. Gupta	Growth Development and Trends in International Tourism	SWAYAM	01/05/2019
Prof. S. C. Bagri	Buddhist Tourism in India	SWAYAM	01/05/2019
Prof. S. C. Bagri	Tourism in Garhwal Himalaya	SWAYAM	01/05/2019
Dr. Ajay Semalty	Academic Writing (Industrial Pharmacy-I)	SWAYAM	01/05/2019
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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	1135	54	45	3	4	140	40	80	0
Added	94	0	0	0	0	10	77	100	34
Total	1229	54	45	3	4	150	117	180	34

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	na

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary

component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
30000000	28500000	1500000	1125000

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)

The university has three Campuses - Srinagar with extension Campus Chauras, SRT Campus, Badshahithaul, Tehri and BGR Campus Pauri. Most of the Departments have separate space comprising of class rooms, laboratories, Faculty rooms, seminar rooms, administrative space etc. Additionally, Library, Hostels, Common Hall/ Auditorium, Guest House, Sports and other support facilities and Residences of faculty and administrative staff are also available. The University has a Construction and Maintenance Section comprising of civil and electrical wings headed by Executive Engineer to maintain the physical infrastructure of the University.

I. Utilization of Library: Librarian is the officer-in-charge for the Library of the Campuses.

1. Every student must procure a Library Card at the time of admission.
2. Number of books and the time period for retaining the books is followed as per the rules in force.
3. Every student can access online journals and magazines through computer terminals available in the e-Library and are free to use the central reading rooms available in the campus (8.00 A.M. to 8.00 P.M.).

II. Utilization of Laboratories:

1. All the departments with practical subjects have laboratories. Some high precision equipment is housed in the USIC.
2. SOPs for handling various chemicals and equipments are strictly followed.
3. Assets in the laboratories are properly maintained in the Stock Register as per the Consumable/ Non-Consumable items.
4. The unusable equipments are written off and disposed of following the standard procedure.

III. Utilization of Class Rooms:

1. Common Classrooms are allotted to different subjects as per the student strength and time table ensuring best utilization of the resources. Class rooms for PG are available and used accordingly.

IV. Utilization of Computers:

1. The students use Computer lab facility available with the departments.
2. The upgrading of the computers and the maintenance required are done by the departments through their Departmental purchase committee.

V. Utilization of Sports and other support facilities: The procedure and rules for the use of all the sports and other support facilities of the university have been clearly defined. The maintenance policy of physical infrastructures of the University for periodic maintenance is as per CPWD norms and other special repair/renovation and alteration/addition work plan is as per the requirement of the users subject to the availability of funds and rules for the same.

Maintenance Procedure:

1. The user/department in need of repair and maintenance work has to register the complaint in the engineering office.
2. Technical staff visits the site and complete the day to day maintenance task as required.
3. To ensure successful completion of the maintenance work done a Job Completion Certificate duly signed by the user/Head of the department is obtained.
4. To undertake all the maintenance work the provisions of the GFR are followed. In addition to the above, the University has a separate wing for sanitation and housekeeping of the infrastructure and these activities are undertaken on routine basis.

http://www.hnbgpu.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	Poor Boys Scholarship	35	179000
Financial Support from Other Sources			
a) National	1. SC,ST, OBC Scholarship, Social Welfare Department, Govt of Uttarakhand 2. ST Scholarship (JK) 3. Nanda Gaura Scheme Scholarship (Girls), Govt. of Uttarakhand 4. Labour Welfare Scholarship 5. Asstt. Labour Commission Scholarship (JK) 6. Inspire S	301	5972450
b) International	none	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
7 days Workshop on Academic Writing	22/05/2019	24	School of Education
7 days Workshop on Yoga and ICT	30/01/2019	19	School of Education
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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
2018	Arranged classes for NET preparation and career counselling	40	90	3	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

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
1. Azim Premji Foundation 2. CNCS INFOTECH Ltd., Noida 3. TCS 4. KIOMOI, A-25, Sector-3, Noida-201301, Delhi 5. Jet Mobility Private Limited, Sector 18, Noida 201301 6. Trip Clues, Sector-63, Noida, 201301 7. Ritual Holidays, New Delhi-110008	369	51	1. Easy Policy 2. Hinduja Group Solution	65	19
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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
2018	1	B.Sc. Horticulture	Horticulture	Dr YS Parmar Univ. of Horticulture & Forestry, Solan HP	M.Sc. Seed Technology
2018	1	B.Sc. Horticulture	Horticulture	Dr YS Parmar Univ. of Horticulture & Forestry, Solan HP	M.Sc. Food Technology
2018	1	B.Sc. Horticulture	Horticulture	Dr YS Parmar Univ. of Horticulture & Forestry,	M.Sc. Horticulture

				Solan HP	
2018	3	B.Sc. Horticulture	Horticulture	CAU Imphal	M.Sc. Horticulture
2018	3	B.Sc. Horticulture	Horticulture	UUHF, Bharsar (Pauri)	M.Sc. Horticulture
2018	6	B.Sc. Horticulture	Horticulture	HNBGU	M.Sc. Horticulture
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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	66
SET	3
SLET	1
GATE	9
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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
Table-Tennis (M/W) BGR Campus, Pauri 3/4.10.2018 18/20.09.2018	Inter-Collegiate	41
Volley Ball (M) SRT Campus, Tehri 5/6.10. 2018	Inter-Collegiate	120
Volley Ball (W) Birla Campus, Srinagar 9.10.2018	Inter-Collegiate	96
Cross Country (M/W) Birla Campus, Srinagar 10.9.2018	Inter-Collegiate	60
Badminton (M/W) BGR Campus, Pauri 12/14.09.2018	Inter-Collegiate	116
Yoga (M/W) Birla Campus, Srinagar 15.11.2018	Inter-Collegiate	24
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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
2018	Silver Medal in 85 Kg.	National	1	0	HNBGU/Sports/AI/2019 /BP-01	Abhishek Bisht

	weight category (Best Physique)					
2018	Bronze Medal	National	1	0	HNBGU/Sports/AI/2018/BB 01-12	University Team
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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)

The Student Union elections were held on 07-09-2018 and Apex body Election 10.09.2018 at Birla Campus Srinagar as per the Supreme Court guidelines. The Student Union in association with the Dean Students' Welfare organized the Inter-School and Inter-Collegiate Cultural and academic competition during March 14, 2019 to March 18, 2019 at Birla Campus, Srinagar (Garhwal). The President of the Student Union of Birla Campus, Srinagar is a member of the IQAC. 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) :

0

5.4.4 – Meetings/activities organized by Alumni Association :

01

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 participate 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.

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
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.
Industry Interaction / Collaboration	Industry-Academia Linkage Cell organises 'Aarohan'- an interface between industry and the University for placement and On-Job Training. Also, campus placements have been organized.
Human Resource Management	Recruitment process to fill up the vacant 245 teaching positions to be initiated soon. Also, demand for additional teaching posts has been submitted to the UGC.
Library, ICT and Physical Infrastructure / Instrumentation	Library Collection Development: 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

	<p>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.</p>
Research and Development	<p>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.</p>
Examination and Evaluation	<p>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.</p>
Teaching and Learning	<p>Innovative teaching methodology is encouraged. Learning is made more interactive by means of tutorials, assignments, seminars and project work.</p>
Curriculum Development	<p>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.</p>

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. HNBSGU/RO/2017-(1) Dated 30 March 2017. The board is responsible for preparing perspective plan of the University coordinate the proposals and developmental projects to be submitted to the funding agencies etc.</p>
Administration	<p>File Tracking System (FTS) has been initiated.</p>
Finance and Accounts	<p>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. The goods are</p>

	procured through Government e-Market. All payments are now through digital mode (PFMS). Internal audit along with the audit by CAG is done regularly.
Student Admission and Support	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 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
2018	Prof. M.M. Semwal	International Conference 25th World Congress of Political Science (IPSA/AISP)" at Brisbane, Australia (21-25 July 2018)	none	91306
2018	Dr. Arvind R. Gajakosh	Building Sustainable Business Excellence: Reimagining the Future organized by Commerce Management	none	56843

		Association of India (CMAI) at Ngu Hanh Son, Da Nang, Vietnam (25-27 January, 2018)		
2018	Dr. S.C. Sati	8th International Seminar Congress MMD University Ambala (7-11 December 2018)	none	10000
2018	Prof. M.C. Sati	Indian Economics Association 101 Annual Conference ISID New Delhi (14-16 December 2018)	none	9000
2019	Dr. Mahabir Singh Negi	46th National Conference Global Challenges for Environmental Protection and Social Development at Chitorgarh, Rajasthan (10-12 January 2019)	none	9946

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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)
2018	Orientatio n Programme	Orientatio n Programme	03/09/2018	30/09/2018	28	0
2018	One Week Workshop on 'Use and Development of Open Educational Resources'	Use and Development of Open Educational Resources'	12/10/2018	18/10/2018	47	0

2018	National Workshop on Research Methodology	Research Methodology	10/12/2018	16/12/2018	45	0
2019	National Workshop on Tourism and Hospitality Services Management	National Workshop on Tourism and Hospitality Services Management	25/02/2019	03/03/2019	24	0
2019	Induction Training Program	Induction Training Program	15/05/2019	13/06/2019	19	0
2019	Capacity Building of Teacher Educators on ESD	Capacity Building of Teacher Educators on ESD	01/05/2019	06/05/2019	35	0

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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
One Week Workshop on 'Use and Development of Open Educational Resources', FDC, HNBSGU	19	12/10/2018	18/10/2018	7
National Workshop on Research Methodology, FDC, HNBSGU	25	10/12/2018	16/12/2018	7
National Workshop on Tourism and Hospitality Services Management, FDC, HNBSGU	3	25/02/2019	03/03/2019	7
One Day Workshop on Intellectual Property Rights, Pharmaceutical	18	17/11/2018	17/11/2018	1

Chemistry, HNBGU				
INUP Hands-on Training workshop on nanofabrication Technologies, IIT Bombay	1	22/10/2018	26/10/2018	5
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
232	257	544	544

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	na
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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	na	No	na
Administrative	No	na	No	na

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

Meeting of the Principals/ Directors of the affiliating colleges and institutes was held for addressing 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 at place, however, the parents are informed of the shortcoming 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 PMMMNMTT. 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.

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	Awareness workshop on NAAC Revised Accreditation Framework	29/04/2019	29/04/2019	29/12/2019	74
2019	Organized workshop of Intellectual Property Rights in collaboration with department of Pharmaceu	17/11/2018	17/11/2018	17/11/2018	91

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
Social Status of Transgender – Nukkad Natak (Sociology Social Work)	19/05/2019	19/05/2019	8	8
Gender Sensitisation for UG Students (English)	26/11/2018	26/11/2018	140	105
International Women's Day (English)	08/03/2019	08/03/2019	25	40
International Women's Day (NSS, Birla Campus)	08/03/2019	08/03/2019	76	25
Discussion on Gender Issues	01/05/2019	08/06/2019	25	8
Nukkad Natak by B.Ed. IV semester students (Education)	29/05/2019	29/05/2019	21	24
International Women's Day (NSS, BGR Campus)	08/03/2019	08/03/2019	87	63
One Day Camp for Gender Sensitization and HIV/AIDS Awareness (NSS, SRT Campus)	05/02/2019	05/02/2019	125	88

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

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 lights 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.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	4
Provision for lift	Yes	4
Ramp/Rails	Yes	4
Braille Software/facilities	No	0
Rest Rooms	Yes	4
Scribes for examination	Yes	2
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
2018	3	3	01/07/2018	365	Career Counselling	Higher studies and Career opportunities of girls in hilly Garhwal region	150
2018	1	1	04/08/2018	1	Students Awareness Programme on the occasion of Jadi Buti Divas at Urgam, Joshimath, Chamoli	Importance of medicinal and aromatic plants traditional medicinal system	300
2018	1	1	10/08/2018	1	Farmers awareness and	Techniques for cultivation	394

					Plants Distribution Programme at Sitel, Ghat, Chamoli	of medicinal and aromatic plants	
2018	1	1	30/08/2018	1	Farmers awareness and Plants Distribution Programme at Karmi, Kaphkote, Bageshwar	Techniques for cultivation of medicinal and aromatic plants	68
2018	1	1	31/08/2018	1	Farmers awareness and Plants Distribution Programme at Gogina, Kaphkote, Bageshwar	Techniques for cultivation of medicinal and aromatic plants	24
View File							

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 Ethics	11/06/2018	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
No Data Entered/Not Applicable !!!			
No file uploaded.			

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 eco-friendly. 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 to switch 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 has 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. The university 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. • It is worth mentioning to provide the details of these striders. 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 1. Title: Strong Interface between University and Society 2. Objectives of the Practice The basic objective of education is to have a strong interface between academics and society, therefore, the research output of the University should be utilized for the welfare of the society. 3. The Context Keeping in view the ecological setting of the catchment area the university through its departments and special cells has identified the priority areas for promoting public awareness for ensuring public participation in addressing the issues faced by the society. 4. The Practice • Creating Public Awareness on Environmental Issues Departments: Organize public awareness on environmental issues including rallies, plantation programmes, cleanliness drives, workshops, symposia, quiz competitions, poster presentations and extension programme. UMANG: ? Conducted various awareness campaigns and seminar. ? Introduced metallic water bottles and canvas bags. UNNAT BHARAT ABHIYAN (UBA) ? Adopted villages under the cluster of 04 Gram Panchayats in District Pauri and carried out various activities. NSS NCC: Participate in various environmental awareness programmes and gender sensitization in and around the campus. SAMADHAN, a Clean and Green Campus Mission with the participation of university fraternity created a Samadhan Vatika at Chauras Campus. • Lab to Land Programme Forestry department raised 60 thousand seedlings and distributed 10 thousand to the farmers. HAPPRC has successfully extended its RD outputs to the society through

establishing demonstration units as see adopt and organizing on off farm training programmes. • Training/ Skill Development Awareness and Training Programme for Farmers ? HAPPRC conducted 'Farmers awareness and Plants Distribution Programmes' in the districts of Uttarkashi, Bhageswar and Chamoli and Farmers Conference cum Training Programme' ? Developed a Nature Interpretation Site at Baniyakund (district Rudraprayag) with financial support under National Mission on Himalayan Studies programme through GBPNIHESD that is being used for creating environmental awareness as well as field research, demonstration and maintenance of germplasm. ? Horticultural Research Centre (HRC) besides providing field facilities for practical training of students of various courses. ? Department of Rural Technology is extending training to local people and students on 'Mushroom Cultivation' to supplement the livelihood or income generation activity. • Preservation and Promotion of Traditional Arts Culture ? The University has established a Centre for Folk Performing Arts and Culture for preserving, promoting the folk arts, folklores, folk music, instrument and culture of Uttarakhand. ? The 'Museum of Himalayan Archaeology and Ethnography showcases rich heritage of Uttarakhand Himalaya and 'Museum of Himalayan Cultural Heritage' in the Department of Anthropology houses artefacts depicting different dimensions of tribal culture of the region. • Dialogue with the Society The Centre for Journalism and Mass Communication has been establishing dialogue with the society through its monthly journal 'Sanchar Tatva'. • Active Participation of University in Social Works The Department of Sociology and Social Works has been very active in sensitizing the society on contemporary social issues and promoting public awareness. • Outreach Programmes The Women Studies Centre has been instrumental in raising gender related issues and sensitizing the community. Department of Naturopathy Yoga has been making efforts to spread awareness about yoga and its benefits, in the local community. Department of Home Science, Pauri campus imparted knowledge about 'Nutrition and health' to the students and community by various activities such as celebrating National Nutrition Week DST-GoI sponsored 04 Inspire Internship Science Camps were organized.

5. Evidence of the Success • There is a significant improvement in environmental awareness among the public in and around the catchment area of the University. There is tangible improvement in the cleanliness in the campus and the banks of the River Alaknanda. • The awareness programmes undertaken by UMANG have received a 'Letter of Commendation' by the State Programme Management Group, Namami Gange and a Citation in 'International Environment Summit 2018' by Ministry of Environment and Namami Gange. • Department of Forestry planted 500 trees seedling on degraded land, soil eroded area and nourished them resulting in 80 survival, a clear indicator of the success of the practices • Lab to Land programme conducted has got a great success in the area and has got acceptability in the society. Adopting the agro-technology developed by the HAPPRC, numbers of farmers have initiated the cultivation of MAPs in their agriculture/waste land. The centre also helped in establishing MoU between MAPs growers and Pharma Companies for marketing of raw produce, thus ensuring income generation. • 172 persons from the UBA adopted villages availed the facility of health camp and provided free medicines. • DST-Inspire Internship Science Camps were attended by 1222 students and 124 teachers from 130 schools of Uttarakhand during 2018-19.

6. Problems Encountered and Resources Required • Difficult to establish communication with the society for convincing them for ensuring their active participation in the programme. • Difficult to generate funds for undertaking the programmes.

Best Practice-II 1. Title: Innovative Teaching-Learning 2. Objectives of the Practice The effort is towards imparting a learner-centric education through appropriate methodologies including interactive and participative approaches. 3. The Context Located in a relatively remote hill area, the University largely caters to the higher educational needs of students from rural areas many belonging to the economically backward sections of the society. Therefore, engaging students

from such diverse background for effective learning always requires participative and collaborative methods of teaching. Of late, the University has laid emphasis on application of ICT resources for teaching-learning.. 4.

The Practice Centre for Mountain Tourism and Hospitality Studies (CMTHS) ? Regularly carry out SAIR SALIKA, a campaign on cleanliness and travel manners. SAIR SALIKA is an integral part of the PG curriculum. ? Conducts an awareness programme on the occasion of 'World Tourism Day' Department of Forestry Natural Resources facilitated the conduct of value added online training courses on applied aspect of forestry for the students. These are certified courses of Indian Institute of Remote Sensing, ISRO, Department of Space, Govt. of India, Dehradun. The SWAYAM Board was constituted with respect to adoption of SWAYAM MOOCs and promoting blended, flipped and e-learning in the University. The board has established the SWAYAM-NPTEL Local chapter of University and is making efforts to create awareness among the students about the course available on SWAYAM portal.. 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). ? Weekend discussions organised by Commerce Innovative Club established by the PG and PhD students. Department of Political Science Undertakes a group activity every Saturday viz. Saturday Dialogue, involving student, research scholars and faculty members of the department and the School of Humanities Social Sciences. Department of Economics has an 'Economics Association' of University Department of Mathematics is using Neuro Linguistic Programming techniques. Department of Physical Education for building leadership qualities among students organizes Intramural competition, Leadership training camp etc. Department of Psychology practices 'Self Assessment' and 'Peer Assessment' by the students from time to time. Department of English participates in the students' initiatives of organising literary/music evenings. Department of Horticulture with the involvement students carried out several eco friendly activities in the campus of the University Department of Geography involves the students in tree plantation around the department in Chauras Campus for better orientation towards spring shed management and water budgeting. Department of Rural Technology undertakes mushroom production, training and awareness related activity for the students of the university and provides the Meteorological data (AWS) to students/ researchers of other departments. Department of Computer Science and Engineering provides sponsorship to faculty and students for national and International travel to enhance the institution's visibility. Department ensures the effective implementation of the Outcomes Based Model of Education through various innovative methods. Department of Instrumentation Engineering provides Analytical Instruments Facility (Central Facility) to the researchers. National Resource Centre (NRC) on Tourism: The CMTHS was awarded the 'National Resource Centre (NRC) on Tourism' by MHRD, Govt. of India in May 2018. The centre successfully designed and developed online SWAYAM programme on Tourism and Hospitality Services Management Central Library of the University is undergoing automation and to facilitate e-learning has procured e-resources and databases provided by INFLIBNET besides the INFLIBNET/IUC facilities: UGC-INFONET Digital Library Consortium, Shodhganga, Shodhgangotri Plagiarism Detection Software (URKUND). 5. Evidence of Success • The innovative approaches adopted by various departments have been well received by the students and have proved to improve the overall performance of the students. • The faculty members are also participating in professional development programmes so as to update and upgrade themselves. • The faculty members and students have contributed to the repository of subject specific study and learning materials, created by the SWAYAM Cell of University. • The campus Wi-Fi facility at the three campuses will soon be functional thereby enabling online teaching and learning. 6. Problems Encountered and Resources Required • The faculty members are to be oriented to adopt the newer practices for effective teaching. Students too are circumspect especially in absence of freely available internet

connectivity. • Requires proper infrastructure.

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

<http://www.hnbgu.ac.in/sites/default/files/2020-10/7.2%20Best%20Practices.pdf>

7.3 – Institutional Distinctiveness

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

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.

Provide the weblink of the institution

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

8.Future Plans of Actions for Next Academic Year

• New courses proposed: ? One year Disaster Management course (Geography) ? B.Com. (Honours) ? Sitar Kathak (Music) ? Values and Ethics ? Courses on Yoga ? MBA program in Hospitality Management ? Comparative Literature with a special reference to indigenous literature ? Functional English Courses ? Master degree Program ? Bio-statistics ? B.Sc. Home Science Degree Programme ? Skill Enhancement Courses ? Integrated BA BEd, BSc BEd BCom BEd along with Integrated BEd MEd. ? • To organize International/ National Seminar/Conference/Workshop • To organize invited lectures. • Organize Weapon Exhibition of Military/Para military

forces (Defence Studies) • Organize Industrial tours for PG students • Organize Mental health programme and counselling for students • Organize personality dynamics/ stress management/ decision making/ mind mastery based programmes. • Establish a Career Guidance Cell and enhance Industry-Academia interface • Establish of Literary Club • Focus on Campus Placement • Establish a green house for threatened plant conservation • Encourage UG/PG students for Summer Training in reputed institutes • Conduct visits to local weaving units • Organize summer and winter schools • Conduct programmes for improving the communication skills • Establish linkages and MoU with Advanced Research Institutions, NGO and Industries • Collaboration with well-established universities for faculty and students' exchange, • Establish entrepreneurial cell in the department • Involve departments of other Himalayan state for integrated sustainable tourism promotion • Explore, document and prepare an inventory of indigenous and modern technologies which are hill specific, simple to use and practicable • Conduct Yoga Training and Health Awareness Camps in remote areas and for professionals • Organize Moot Courts and legal aid camps • Strengthen the outreach programmes networking with community radio, ICDS, schools and establish a database for documentation of collected information such as traditional knowledge systems. • Study of Char-Dham Yatra routes and its Chattis in cultural and historical perspective, and conduct Archaeological exploration and excavation in the region. • To set up E-Library and A/V Recording Studio • Develop Computational Biology Lab • Establish a Centre for English Language Teaching for Primary and Secondary Education • Procurement of equipments which are short as per SIF (Standard Inspection Form) of Pharmacy Council of India • Establish 'Mushroom Cultivation and Spawn Unit', 'Rural Museum' and Medicinal Aromatic Plant nursery • Establish 'Yogic Psycho-Philosophical Counselling Cell' • Set-up Community Radio and publish regular Lab. Journal for the practical purpose • Setup Automobile Lab, FSW Lab Mechanical Vibration Lab • Develop seed orchard of various economic important species, develop linkage with rural community and contact Corporate Houses for students training and educational tour under CSR • Increase inter and intra departmental collaboration in teaching and research • Establish an 'Advance Audio-visual Lab' for the students • Develop Research Centre for Security Studies • To avail more research projects from various funding agencies and industries • To guide the students for qualifying competitive exams • Create industry sponsored visiting professor chair in Hospitality Management • Develop strong alumni network.