# अष्टम् दीक्षान्त समारोह Eighth Convocation



०१ दिसम्बर, २०२०

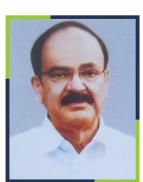
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हेमवती नन्दन बहुगुणा गढ़वाल विश्वविद्यालय (केन्द्रीय विश्वविद्यालय)

श्रीनगर (गढ़वाल) उत्तराखण्ड

Hemvati Nandan Bahuguna Garhwal University (A Central University) Srinagar (Garhwal) Uttarakhand





Mr. Venkaiah Naidu Vice-President of India



Message

I am happy to know that the Hemvati Nandan Bahuguna Garhwal University, Srinagar, Uttarakhand is organizing its 8<sup>th</sup> Convocation on December 1, 2020.

The University has made impressive strides since its inc eption and fulfilling the academic requirements and aspirations of the people of the region.

I hope the University will continue to adhere to its strong commitment to academic excellence and will scale new heights in the years to come.

I congratulate the students, who are receiving degrees in the upcoming Convocation and extend my warm greetings to all the students, teaches and the staff of the Hemvati Nandan Bahuguna Garhwal University, Srinagar Uttarakhand and wish the event all success.

enkaiah Naidu)



November 13, 2020



**Prime Minister's Office** New Delhi-110011 Tel: 2301 9227



Ajit Doval, KC National Security Adviser

Message

The 8th convocation of the prestigious Hemvati Nandan Bahuguna Garhwal University comes amidst challenging times of corona virus pandemic. I am happy that odds notwithstanding, the University has continued with its tradition of annual convocation, keeping in mind the high value it holds in the lives of students aspiring for a great future ahead.

The pandemic presented abrupt challenges both for educational institute and forcing them to embrace sudden and swift transitions like alternative teaching methods with heightened use of technology. It is commendable that within no times, both students and teachers have adapted themselves well to continue with their core missions of teaching and learning.

This pandemic has a great lesson for us. The gravity and severity of the problems notwithstanding, human ingenuity and resolve is capable of getting over it. If there are problems there are solutions. If you have determination, dexterity and dedication no problem is unsurmountable.

As many graduating students move to professional lives ahead, their learning on valuable life skill like resilience, adaptability, critical-thinking, contingencyplanning, self-control, etc. would be put to real test. I urge them to go out with confidence and a positive attitude.

I wish all graduating students a great and successful future ahead. On this auspicious occasion, I also congratulate the Chancellor, Vice Chancellor, faculty and staff for the honour and glory they have brought to your great institution.

(Ajeet Doval)

November 25, 2020





Ministry of Education Govt. of India Phone: 91-11-23782387, 23782698 Fax: 91-11-23382365 E-mail-minister.hrd@gov.in



Shri Ramesh Pokhriyal 'Nishank' Hon'ble Minister

Message

I am immensely delighted that Hemvati Nandan Bahuguna Garhwal University (A Central University), Srinagar (Uttarakhand) is organizing its 8th Convocation on 1st December, 2020.

It is quite heartening that the HNB Garhwal University, within a brief span since its inception, has made significant strides in the field of higher education. The University is imparting education to students from across the country and making wholehearted and incessant endeavours towards making education a vital means of national transformation.

According to Swami Vivekananda, "Education is not the amount of information" but "life –building, man-making, character- making assimilation of ideas. If you have assimilated five ideas and made them your life and character, you have more education than any man who has got by heart a whole library." It is therefore quite imperative and essential that the education system lays greater focus on lifebuilding, man-making and character-building of our students, the makers and the shapers of new India, mindful of the great heritage of India- the cradle and continuum of civilization. The National Education Policy 2020, the first education policy of the 21st Century, addresses the aspirational and civilisational concerns and developmental dimensions of our new and coming generations while focusing on the unique capabilities od each students. In the words of the Hon'ble Prime Minister Shri Narendra Modi- the NEP 2020 would transform India into a global hub of education.

The Convocation ceremony is a moment of singular significance, a turning point in the life of every student. It is also a proud moment for the parents and the teachers who render every conceivable support and assistance to the students and help them acquire higher education. I am optimistic that the recipients of the degrees will have a luminous and fulfilling career and bring laurels to the University and the nation.

I congratulate the HNB Garhwal University, the faculty members and all the graduating students and wish them every success in their future endeavours.

13<sup>th</sup> November, 2020

(Shri Ramesh Pokhriyal Nishank)



Uttarakhand Secretariat Dehradun-248001 Ph: 0135-2755177 0135-2650433 Fax: 0135-2712827



Mr. Trivendra Singh Rawat Hon'ble Chief Minister Uttarakhand

Message

I am very glad to know that Hemvati Nandan Bahuguna Garhwal University (A Central University) Srinagar Garhwal is holding its 8th Convocation on December 1,2020.

It is an occasion matter of great pride that the University, situated in a tough hilly terrain, is not only imparting quality education to the students but also grooming them to become a best citizens of the world. The Students of this University are making their place in the national and international mainstream on account of their sheer talent, intellect, integrity and hard work.

It gives me extreme satisfaction and happiness as an alumnus of this University to see that despite the geographical disadvantage of the location the laurels which the alumni of this University are bringing to the institution and to the state by their hard work and dedication is commendable.

I hope that the HNB Garhwal University will maintain its glorious past and its students would spread its name and fame in the country and abroad by their contribution in diverse fields.

I extend my good wishes to the grand success of Convocation and publication of souvenir to be brought out on this occasion.

(Trivendra Singh Rawat)

November 26, 2020





Dr. Yogendra Narain Chancellor HNB Garhwal University

Message

It is for the first time that we are holding our University Convocation through the online digital mode. It represents the triumph of technology, which is enabling mankind to find new solutions and bringing the world closer. I would like to congratulate the Vice Chancellor, the Faculty and staff of the University, as well as the students, who have managed to make this possible. This is the sort of initiative we need to enable our country to develop on a fast mode.

On line teaching has also started. Whenever a new experiment takes place, a few hiccups are bound to occur but we should not be disheartened. If we all work together, the Faculty, staff and students, these initial problems can be sorted out in a short time.

COVID 19 has taught us to discover alternatives to our present way of living. Work from home is now a much talked about strategy and is bound to leave a permanent orientation to our living styles.

A Convocation is a festive time for the entire family of the University. Students, who have laboured hard, will be getting their well deserved degrees. Those who have excelled in their various fields will be getting medals. Faculty members will feel proud to see their wards moving to their next stage of life, fortified by the knowledge they as teachers, have imparted to them, both in and outside the classrooms. Like the soul in the human body, each Faculty member. leaves a part of himself in the mind and body of his students.

A Convocation also represents a parting of ways for those who are leaving the University seeking new avenues in life. We wish them all happiness in their future endeavours I wish the Convocation all success.

October 30, 2020

(Yogendra Narain)

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तीरथ सिंह रावत सांसद (लोक सभा) गढ़वाल

संदेश

मुझे यह जानकर अत्यन्त प्रसन्नता हो रही है कि हेमवती नन्दन बहुगुणा गढ़वाल केन्द्रीय विश्वविद्यालय अपना आठवां दीक्षान्त समारोह एक दिसम्बर को आयोजित कर रहा है, कोरोना संक्रमण के कारण यह समारोह वर्चुअल ही आयोजित हो रहा है लेकिन यह गढ़वाल विश्वविद्यालय के लिए ऐतिहासिक एवं गौरान्वित क्षण होगा, गढ़वाल विश्वविद्यालय की अपने आप में एक गौरवपूर्ण गरिमा रही है। यह विश्वविद्यालय देश के लिए एक थिंक टैंक के रूप में उभर कर आया है यहां से देश के अनेक क्षेत्रों में रक्षा सुरक्षा, राजनीतिक, प्रशासनिक न्याय, वैज्ञानिक शोध आदि अनेक क्षेत्रों में यहां से विद्यार्थी निकलकर सेवा दे रहे हैं। दीक्षान्त समारोह विश्वविद्यालय में अध्यरनत छात्रों के लिए उनके जीवन का बहुत ही कोतुहलपूर्ण एवं उत्साह वर्धक क्षण है। दीक्षान्त समारोह में मेधावी छात्र–छात्राओं को डिग्री के साथ–साथ उत्कृष्ठ मेडल एवं सम्मान से सम्मानित किया जाएगा और शोधरत छात्रों का में अपनी ओर से असीम शुभकामनाएं प्रेषित करता हूँ एवं उनके उज्ज्वल भविष्य की कामना करता हूँ कि यहां से डिग्री प्राप्त कर आप उच्च कोटि के कार्यो एवं ज्ञानरूपी ऊर्जा से आपजनमानस के बीच सराहनीय कार्य करेंगे।

एक बार पुन : दीक्षान्त समारोह के इस अवसर पर विश्वविद्यालय प्रशासन , सभी गुरूजनों एवं छात्र छात्राओं को अनेकों शुभकामनाएं प्रेषित करता हूँ।

तीख सिंह रावत

नवम्बर 25, 2020



Prof. D. P. Singh Chairman, UGC



University Grants Commission Ministry of Education, Govt. of India Bahadur Shah Zafar Marg, New Delhi-11002 Fax :011-23239659 e-mail: cm.ugc@nic.in web: www.ugc.ac.in

Message

I am pleased to know that Hemwati Nandan Bahuguna Garhwal University (A Central University), Srinagar (Garhwal), Uttarakhand, is holding its 8th Convocation on 1st December, 2020. The Convocation is an important occasion in the life of a University and it is particularly important for the graduates, who are awarded degrees during the ceremony. To commemorate this occasion, the university is planning to publish a Souvenir, highlighting the achievements made by it during the past years and the details of medal winners and successful candidates for various degrees.

I extend my best wishes and greetings to the Vice Chancellor, members of the Executive Council and Academic Council, faculty, staff, parents of the graduating students and most importantly, the graduating students who are commencing their journey of translating their education to their benefit and also for the benefit to the society and the humanity at large. I hope the pass outs will take with them the lessons learned in the university and make their career dreams come true. On this land mark occasion of their efforts, I congratulate them and wish all success in their future endeavors.

I wish the Convocation a grand success.

Prf. D. P. Singh



November 11, 2020



Ramesh Chandra Sinha Chairman, ICPR





ICPR Govt. of India Ministry of Education E-mail: rcsinhacmicpr@gmail.com rcsinha22@gmail.com Website: http://www.icpr.in

Message

This is my pleasure to know that Hemvati Nandan Bahuguna Garhwal University, Srinagar (Garhwal), Uttarakhand is going to organize its 8<sup>th</sup> convocation ceremony on December 1, 2020. Keeping in view the Covid-19 pandemic situation, the initiative to organize such kind of ceremony to maintain the dignity of the institution through online mode shows the dedication of the authorities, staffs, teachers and students. I feel privileged to be a part of the digital souvenir. Hemvati Nandan Bahuguna Garhwal University has marked its place as an important institution from the time of its establishment in 1973. The university has played a great role in fulfilling the needs of higher education in the geographically challenged regions of India.

I congratulate and extend my best wishes to the teachers, staffs, students and the organizers of the convocation ceremony for the great success of the programme and well-being of the institution.

with best wishes,

(Ramesh Chandra Sinha)

November 19, 2020



Prof. Ashutosh Sharma Secretory, DST



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Govt. of India Ministry of Science and technology Department of Science and Technology Fax: 00911126863847 Email : dstsec@nic.in Web : www.dst.gov.in

Message

I am pleased to note that the Hemvati Nandan Bahuguna Garhwal University (A Central University), Srinagar Garhwal, Uttarakhand is holding its 8th Convocation on 1st December 2020.

The University have an overwhelming responsibility for training the youth in various academic disciplines so as to enable them to become enlightened citizen. I am sure that the graduating students of this Central University shall contribute meaningfully for the development of Uttarakhand and India through their educational work.

I congratulate the University fraternity and extend my best wishes to the students and scholars getting degrees I wish them all success in future.

November 19, 2020

(Ashutosh Sharma)



**Prof. Annpurna Nautiyal** Vice Chancellor, HNBGU



Ph. No. : 01346-250260 Fax No. : 01346-252174 Date : 01/11/2020

## Message

The global pandemic has presented a challenging scenario in all sectors including higher education. While it has been slightly easier for professionals to adopt the new work culture of "work from home" but in academics to continue teaching and learning as well as to shift from in person classroom teaching to online teaching, was quite challenging. As a matter of fact, still majority of population living in the rural areas is not completely equipped with fast internet, uninterrupted power supply and electronic devices and grappling with these challenges to make education completely digital or online. But COVID-19 has brought a paradigm shift in the educational system. With the Department of Education, Government of India's various initiatives for online teaching and learning as a stop-gap arrangement to evade any disruptions in academic calendars, now e-learning and teaching has not only allowed the faculty of almost all universities to perform but also reform and transform the education sector. In fact, online learning has paved a way to retain normalcy in education sector and it is heartening to see that not only urban educational institutes, but the state-run schools in rural areas have also gone digital and resorted to online classes to avert academic losses.

With this, the National Education Policy 2020, has presented a remarkable shift in educational scenario including Higher Education to allow India to take a big leap in the knowledge economy of 21stcentury. The quality higher education aims to develop- good, thoughtful, curious and creative individuals. It proposes specialization in one or more areas of interest at a deeper level with a vision of developing character, ethical and constitutional values, intellectual curiosity, scientific temper, creativity and spirit of service. The set mission of NEP has been specified as Multidisciplinary Approach to academics to enable personal accomplishment and enlightenment, Constructive Public engagement and Productive contribution to society as well as integration and blending of STEM with humanities and social sciences.

Here the universities are supposed to take lead and play vital role in proposing new thoughts, ideas and insights in the spheres of art, culture, humanities, fundamental and applied sciences, social sciences, political governance and build a new and creative India. To pursue this great aim, India desperately needs to invest in the youth through creative interventions to enhance their skills and capacities for holistic development. Since, the dreams of transforming India to become a knowledge economy can only be realized through quality education, research, innovation and extension therefore, higher education has a great role to play in building new India and act as catalyst to bring desirable changes by good performances.

The H.N.B. Garhwal University, nestled in the lap of Garhwal Himalayas, is the only Central University in Uttarakhand. Situated in the tough terrains, the university with three different and diverse campuses covers the areas consisting of large number of socio-economically deprived population therefore working for the educational upliftment and excellence through skill enhancement is the key objective for it. And, this objective is being pursued through teaching meaningful courses, research and community outreach and extension activities. The University, at present, has piquant challenges of catering to the need for regional and community development in the unprecedented scenario of COVID-19 pandemic.

The university, through its researches on Himalayan Geology, Medicinal Plants, Alpine and Aquatic biodiversity, climate changes, disaster risk reduction, Environment, Culture and Archaeology and socio-economic issues is working for the cause of regional and community development as well as maintaining the standards of content and pedagogy. During the COVID period Online Teaching Learning, organization of webinars, Online Conference, workshops and training programs organized by various departments filled up this gap effectively. Besides this the Language Labs, Internal Quality Assessment Cell, Innovation Cell and Faculty Development Centre under Pt. Madan Mohan Malviya Mission for Teachers and Training, Ministry of Education, Government of India, are also working in the direction of excellence and catering to the needs of students and faculty as well. The online courses from the UGC/ Government platforms like SWAYAM/MOOC/SWAYAMPRABHA are being adopted through proper procedures. The Learning Management System developed during Corona times by the

university is also a step in the right direction. Online admission and other process are also helpful. The smooth functioning of SAMARTH portal of the Ministry of Education, the implementation of PFMS, the e-tendering process and purchases through GEM has made the goal of digitalization and online transaction easier as well as transparent.

The university is not only acquiring the status of pan India character but through various MoUs for research and teaching, exchange and interaction with various national and international universities/ institutes is registering its presence globally. Similarly, the establishment of the Indian Himalayan Central Universities' consortium is aimed not only for academic excellence and human centric researches but also developing connection, networking and uniting the whole Indian Himalayan region as "one Himalaya". "A" accreditation by NAAC is also a certification of excellence and growth in terms of infra-structural facilities after the up gradation of H.N.B Garhwal University as a Central University in 2009 has been quite visible.

It is matter of great happiness that the University is holding its 8th convocation through online mode on December 1, 2020. This is the third successful and consecutive convocation after the up gradation of the HNB Garhwal University as Central University in 2009 from a state University. On this auspicious occasion, I congratulate all the degree awardees and medal holders for their glorious achievements. I have full faith and confidence that the hard-earned knowledge and degrees will enable them to achieve their goals, to lead a successful, satisfying and fulfilling life. I extend my best wishes to all awardees for their bright future and I do hope that they will become law abiding and humble citizens with respect and compassion for all forms of life and cultures. I also expect that they will register themselves with the University alumni association to share their experiences.

I wish the convocation a grand success.

(Prof. Annpurna Nautival)

November 24, 2020





## ''हिमालय का यशस्वी पुत्र-हेमवती नन्दन बहुगुणा''

श्रद्धेय स्वर्गीय श्री हेमवती नन्दन बहुगुणा जी एक कालजयी, कर्मयोगी तथा प्रखर राजनेता रहे, जिन्होंने अपनी हेममयी आभा से न केवल अपनी जन्मभूमि गढ़वाल अपितु समग्र राष्ट्र को आलोकित किया। आपके ज्यातिर्मय नाम से भास्वर अपनी पहचान और अस्मिता का दर्शन करता हुआ हमारा यह विश्वविद्यालय अपने आठवें दीक्षान्त समारोह के सुअवसर पर आपको श्रद्धापूर्वक कोटिश: नमन करता है। जनप्रिय राष्ट्रीय राजनेता के रूप में प्रसिद्धि प्राप्त स्वर्गीय श्री बहुगुणा जी का जन्म तत्कालीन संयुक्त प्रान्त (अब उत्तराखण्ड) के गढ़वाल जनपद स्थित बुघाणी नामक ग्राम में 25 अप्रैल, 1919 को हुआ था। उनकी प्रारम्भिक शिक्षा पर्वतीय क्षेत्र के ही विभिन्न स्थानों गुप्तकाशी, शिलौंजा तथा देवलगढ़ के प्राथमिक विद्यालयों में हुई। खिर्सू और ऊखीमठ विद्यालय से आठवीं कक्षा उत्तीर्ण करने के पश्चात् नवीं कक्षा में उन्होंने डी०ए०वी० में प्रवेश लिया। उन्होंने सन् 1938 में हाईस्कूल की परीक्षा तीन विषयों में विशेष योग्यता के साथ प्रथम श्रेणी में उत्तीर्ण की। इसके पश्चात् उन्होंने राजकीय इण्टरमीडिएट कॉलेज प्रयागराज से इण्टरमीडिएट तथा इलाहाबाद विश्वविद्यालय से स्नातक की परीक्षा भी प्रथम श्रेणी में उत्तीर्ण कीं।

वे अपने युवा छात्र जीवन में अत्यंत बौद्धिक, तार्किक तथा प्रखर थे। अस्तु, प्रतिभाशाली श्री बहुगुणा जी छात्र जीवन से ही राष्ट्रभाव से परिपूर्ण रहे और देशभक्ति की ओर उन्मुख हुए। वह भारतवर्ष की पराधीनता का समय था। देश को स्वतन्त्र कराने की दृढ़ इच्छाशक्ति ने उनमें राजनीतिक चेतना के स्वर को जागृत किया। राष्ट्रीय तथा अन्तर्राष्ट्रीय राजनीति के क्षितिज पर श्री बहुगुणा जी का जो बिम्ब उभरा उसमें भारतवर्ष की स्वतन्त्रता की आकांक्षा रखने वाले महानतम विभूतियों के जीवन की प्रेरणा समाहित थी। तत्कालीन परिस्थिति में प्रयागराज का आनन्दभवन भारतीय राजनीति पर संवाद और परिचर्चा के लिए मिलन केन्द्र था। श्री बहुगुणा के राजनीतिक जीवन का शुभारम्भ पंठ जवाहर लाल नेहरू, श्री लाल बहादुर शास्त्री तथा श्री पुरुषोत्तम दास टण्डन जैसे राष्ट्रवादी चिंतकों के मध्य हुआ। लक्ष्य के प्रति दृढ़ निष्ठा व समर्पण के कारण वे पंठ जवाहर लाल नेहरू के अतिप्रिय बन गये थे।

अपराजेय नेतृत्व क्षमता के कारण सन् 1942 में भारत छोड़ो आन्दोलन के समय उन्होंने छात्र संगठन का नेतृत्व किया। वे भारत की स्वतन्त्रता के प्रति संघर्षशील व एकनिष्ठ रहे अतः सरकार ने उन्हें क्रान्तिकारी घोषित किया। परिणामतः उन्हें जीवित अथवा मृत पकड़वाने पर ब्रिटिश सरकार द्वारा पारितोषिक की घोषणा की गयी थी। परिणामतः वे भूमिगत हो गये। सन् 1945 में उन्हें गिरफ्तार कर सुल्तानपुर की अनहट जेल भेज दिया गया। जहाँ से एक वर्ष बाद वे मुक्त हुए। कारागार से मुक्त होने के पश्चात् श्रमिकों के हित में कार्य करते हुए उन्होंने श्रमिक नेता के रूप में ख्याति प्राप्त की। इस पुनीत कार्य हेतु उन्होंने प्रयागराज में 'मजदूर सभा' का गठन किया।

श्री बहुगुणा जी एक गहन अध्येता व राष्ट्रजीवी चिन्तक थे। उनका दृष्टिकोण विराट था। सन् 1946 में उन्होंने 'स्टूडेंट कांग्रेस' नामक संस्था की स्थापना की। इस संस्था में वे सुश्री अरुणा आसिफ अली तथा सुश्री पूर्णिमा बैनर्जी के साथ उपाध्यक्ष के रूप में सम्मिलित हुए। वे सर्वधर्म समभाव तथा सामाजिक समता के पक्षधर थे। गरीबों, किसानों और मजदूरों के हितों के प्रति चिन्तित व समर्पित रहने वाले इस युगद्रष्टा राजनेता ने स्वातन्त्र्योत्तर भारत के शीर्षनेताओं के मध्य स्वयं को एक महान राजनेता के रूप में स्थापित किया।

संघर्ष के युग में राजनीति के सोपानों को सफलतापूर्वक पार करते हुए वे उत्तर प्रदेश विधानसभा के लिए निरन्तर निर्वाचित होते रहे। प्रथम बार सन् 1952 में इलाहाबाद की करछना (उत्तरी) व चायल (दक्षिणी)विधानसभा सीट से भारी मतों से विजयी होकर वे विधायक बने।

सन् 1953 में वे भारतीय ट्रेड यूनियन कांग्रेस के सदस्य बने और इसी समय प्रयागराज से प्रकाशित होने वाले एक प्रगतिशील साप्ताहिक ' पुकार' के संस्थापक भी बने। पुन : वे सन् 1957 के विधानसभा चुनाव में सिराथू से विजयी हुए और उन्हें उत्तर प्रदेश सरकार के श्रम एवं समाज कल्याण राज्य मंत्रालय में संसदीय सचिव बनाया गया। बाद में वे उत्तर प्रदेश के उद्योग मंत्रालय में उपमंत्री बना दिए गए।

सन् 1964 में पं० जवाहर लाल नेहरू की मृत्यु के बाद का समय राष्ट्रीय मूल्यों एवं राजनीतिक घटनाचक्र के परिवर्तन का समय था। इस समय भारतीय राजनीति स्वर्गीया श्रीमती इन्दिरा गांधी के नेतृत्व में नूतन करवट ले रही थी। अतः श्रीमती गांधी को राजनीतिक स्थिरता प्रदान करने में बहुगुणा जी के प्रयासों का सतत् स्मरण किया जाता रहा है। सन् 1967 में वे उत्तर प्रदेश के वित्त एवं परिवहन मंत्री बने। उनकी कार्यकुशलता से प्रभावित होकर श्रीमती गांधी ने 1970 में उन्हें अपने मंत्रिमण्डल में संचार मंत्रालय का स्वतन्त्र कार्यभार सौंप दिया। इस अवधि में उन्होंने आधुनिक संचार साधनों का विकास करते हुए प्रगति के नये द्वार खोले। वर्षो से उपेक्षित पर्वतीय क्षेत्रों को भी इसका लाभ मिला। सन् 1971 में प्रयागराज से लोकसभा का चुनाव जीतने के बाद वे केन्द्रीय राजनीति के प्रमुख संवाहक बन गए। यह समय उत्तर प्रदेश में राजनीतिक अस्थिरता से उत्पन्न हुए संकट का था, जिससे मुक्ति पाने के लिए सन् 1973 में श्रीमती गांधी ने उन्हें उत्तर प्रदेश का मुख्य मंत्री बनाकर भेजा। अपने दो वर्ष के मुख्यमंत्रित्व काल में उन्होंने उत्तर प्रदेश का सर्वतोमुखी विकास किया। सन् 1977 में वे श्री मोरारजी देसाई की कैबिनेट में केन्द्रीय पेट्रोलियम,

रसायन और उर्वरक मंत्री रहे तथा 1979 में चौधरी चरण सिंह की कैबिनेट में केन्द्रीय वित्त मंत्री रहे। यद्यपि बहुगुणा जी का राजनीतिक जीवन भी विरोधों और उत्थान की संघर्षपूर्ण गाथा का इतिहास रहा तथापि उन्होंने सदानीरा गंगा की भाँति अपना जीवनपथ प्रशास्त किया और कभी भी अपने जीवन में पराजय को स्वीकार नहीं किया। राष्ट्रहित के लिए स्व का विसर्जन उनका एकमात्र लक्ष्य रहा। वे हमेशा व्यक्तिगत तथा संकुचित स्वार्थों से दूर रहे इसलिए उन्हें 'राजनीतिक–शिक्षा' की संज्ञा से विभूषित किया जा सकता है। वे हिमालय जैसे विराट व विविधतायुक्त व्यक्तित्व के स्वामी थे। उनकी राजनीति मानव समाज, राज्य और राश्ट्र के सर्वमान्य सिद्धान्तों से प्रेरित थी। कर्म के रणक्षेत्र का अजेय जोश और हिमालय का यह यशस्वी वरदपुत्र 17 मार्च, 1989 को हृदय शल्य चिकित्सा के दौरान अपनी यशः काया को त्यागकर हमसे सदा के लिए विदा हो गया। उनकी कर्मस्थली प्रयाग के संगम पर उनका अन्तिम संस्कार

तथा गढ़वाल के अलकनन्दा तट के उनके पैतृक घाट पर उनका अस्थि कलश विसर्जित किया गया। अपनी स्थापना के प्रारम्भिक वर्षों में गढ़वाल विश्वविद्यालय का प्रथम दीक्षान्त समारोह सन् 1979 में हुआ था जिसमें श्री हेमवती नन्दन बहुगुणा जी को डॉक्टरेट की मानद उपाधि से विभूषित किया गया था। गढ़वाल विश्वविद्यालय के विकास के लिए प्रतिबंध रहने वाले बहुगुणा जी के सतत् चैतन्य से प्राप्त ऊर्जा हेतु यहाँ का जन—जन उन्हें सतत् स्मरण करता रहेगा। उन्हीं की प्रेरणा एवं प्रयत्नों से सन् 1973 में गढ़वाल विश्वविद्यालय की स्थापना हुई थी, अतः उन्हीं की हेमाभा के प्रतीकस्वरूप 25 अप्रैल 1989 से हमारे विश्वविद्यालय का नाम हेमवती नन्दन बहुगुणा गढ़वाल विश्वविद्यालय रखा गया। जिसे 15 जनवरी, 2009 को केन्द्रीय विश्वविद्यालय के रूप में अपग्रेड कर दिया गया।

अस्तु इस विश्वविद्यालय का प्रत्येक जनमानस उनके महान यशस्वी व्यक्तित्व से प्रेरित होकर राज्य व राष्ट्र की प्रगति का पथ प्रशस्त करने हेतु ऊर्जा प्राप्त करे और उनके आदर्श हमारे जीवन को आलोकित करें। उनके आदर्श जीवन के दिव्य प्रकाश में हम अध्ययन, अध्यापन व शोध सम्बन्धी कर्त्तव्यों को पूर्ण करके राष्ट्रहित में अपनी भागीदारी सुनिश्चित करें। साथ ही इस सन्दर्भ में हमारी प्रतिबद्धता ही गढ़वाल हिमालय के यशस्वी पुत्र के प्रति सच्ची श्रद्धांजलि होगी।



## ''श्रीनगर की ऐतिहासिक पृष्ठभूमि''

वर्तमान गढ़वाल क्षेत्र को प्राचीन शास्त्रों में तपोभूमि, हिमवंत, बदरिकाश्रम, उत्तराखंड तथा केदारखंड आदि कहा गया है। केदारखंड (गढ़वाल) को स्कंदपुराण में स्वर्गभूमि भी कहा गया है। यह क्षेत्र प्राचीन काल से ही हिन्दू धर्मावलम्बियों की आध्यात्मिक शांति हेतु तपोभूमि रही है।

भारत की जीवनदायनी गंगा—यमुना इत्यादि नदियों का उद्गम स्थल गढ़वाल भूभाग सदियों से भारतीय सभ्यता—संस्कृति को प्रत्यक्ष एवं परोक्ष रुप से प्रभावित करता रहा है। वैदिक काल से ही हिमालय एवं उससे उद्गमित नदियों का विशिष्ट महत्त्व रहा है। उसके उद्गम स्थलों में हिन्दू धर्मस्थलों, गंगोत्तरी, यमुनोत्तरी, बदरीनाथ एवं केदारनाथ की स्थापना की गई थी। श्रीनगर प्राचीन काल से ही गढ़वाल के केद्र होने के साथ ही यहाँ की शासन—सत्ता का केन्द्र भी रहा है। प्राचीन काल में यह स्थल 'श्रीपुर' के नाम से प्रसिद्ध था तथा श्री—लक्ष्मी—विद्या के केन्द्र के रूप में भी माना जाता रहा है। जगद्गुरु शंकराचार्य को इसी स्थल पर विशिष्ट ज्ञान प्राप्त हुआ था।

मध्यकाल में यह स्थल पंवार राजवंश की सत्ता का केन्द्र था। 15वीं सदी के अंतिम दशक और



सोलहवीं सदी के प्रारंभिक दशकों में नरेश अजयपाल द्वारा गढ़वाल क्षेत्र में पूर्व से स्थापित 52 से अधिक गढ़ियों को जीतकर गढराज्य का एकीकरण किया गया था तथा उसके केन्द्र स्थल श्रीनगर में राजधानी स्थापित कर विस्तृत राजप्रासादों का निर्माण करवाया गया। यह स्थल बदरी—केदार यात्रा मार्ग का मुख्य नगर है। जहाँ सभी संप्रदायों के धार्मिक स्थल भी निर्मित है। अजयपाल के पौत्र मानशाह ने भी इस नगर का मान बढाया। अलकनंदा के दहिने तट पर उसने राजराजेश्वरी का मंदिर तथा मानपुर नामक राजमहल बनवाया। इस तरह श्रीनगर पंवार नरेशों की राजधानी के रूप में विख्यात रहा। यह मध्यकालीन भारत का सांस्कृतिक केन्द्र था। ऐतिहासिक प्रमाणों के आधार पर जगद्गुरु शंकराचार्य, गोरखनाथ आदि का आगमन इस स्थान पर हुआ। वर्तमान भक्तियाना नामक मोहल्ला इस बात का प्रमाण है कि मध्यकालीन भक्ति आंदोलन की भावधारा में भक्तों का आवास भक्ति + अयन अर्थात भक्तियाना इस स्थान पर हुआ था। श्रीनगर में श्रीयंत्र की अवस्थिति, श्रीनगर में श्रीयंत्र की अवस्थिति, शंकराचार्य मठ की स्थिति आदि साक्ष्य यहाँ के सांस्कृतिक धार्मिक एवम् आध्यात्मिक वैभव के प्रमाण है। राजा महिपतशाह ने केशवराय मठ का निर्माण करवाया जो श्रीनगर में वैश्णव भक्ति के प्रतीक के रूप में प्रसिद्ध है। यह भी प्रमाण मिलता है कि राजा पृथ्वीपति शाह ने रामभक्ति के प्रणेता माधवदास को श्रीनगर में बसाया। इस प्रकार धर्म एवं भक्ति के क्षेत्र में नाना मत—मतांतरों के समन्वय का स्वरूप इस स्थान पर देखा जा सकता है। यहाँ स्थित राज—राजेश्वरी, कमलेश्वर, गोरखनाथ गुफा, केशवराय मठ एवं श्री रघुनाथ मंदिर का संबंध क्रमशाः हिंदुधर्म के शाक्त, शैव, नाथ एवं वैश्णव से रहा है। ऐतिहासिक तथ्य प्रमाणित करते हैं कि श्रीनगर (गढवाल) विभिन्न हिंदू मतावलम्बियों के लिये ध्यान स्थली रहा है। श्रीनगर पर इन सभी आध्यात्मिक विचारों का प्रत्यक्ष एवं परोक्ष प्रभाव पड़ा है।



राजा पृथ्वीपति शाह के शासन काल में यहाँ गढ़वाल लघु चित्रकला शैली का भी विकास हुआ। उस काल में दिल्ली दरबार के कुछ प्रख्यात चित्रकार यहाँ आये जिस परंपरा को बाद में मोलाराम जैसे

ख्यातिनाम चित्रकार और कवि ने श्रीनगर की वैभवशाली सांस्कृतिक विरासत को आगे बढाया। इस ऐतिहासिक नगरी ने लगभग 255 वर्षो (1548–1803) तक संगठित गढ़वाल की राजधानी का गौरव प्राप्त किया। यह नगर कभी बाढ एवं कभी भूकंप की विनाशलीला का भी शिकार बना सन् 1803 में भूकंप के झटकों से नगर बुरी तरह बिखर गया। प्राचीन वैभवशाली धरोहर स्मृति इतिहास का हिस्सा बन गई। पुन: 25 अगस्त 1894 में गोहना ताल के टूट जाने से 26 अगस्त को सारा श्रीनगर बह गया। 1896 में तत्कालीन कलक्टर ई०के०पौ द्वारा कुछ अधिक ऊँचाई पर नये श्रीनगर के निर्माण की रूपरेखा रखी गई। इसी आधार पर आज के श्रीनगर का निर्माण हुआ जिसे चौपड विन्यास में विकसित किया गया है।

वर्तमान श्रीनगर अककनंदा नदी के वाम पार्श्व पर 560 मीटर की ऊंचाई पर स्थित है। इसका

अक्षांशीय एवं देशांतरीय विस्तार 30<sup>°</sup>22' उत्तरी अक्षांश 78<sup>°</sup>78' पूर्वी देशांतर के मध्य है। इसका विन्यास अलकनंदा नदी की सर्पाकार धारा तथा उसके द्वारा विकसित स्थल के रूप से हुआ है। समतल प्रकृति के कारण विश्वविद्यालय का नवीन परिसर 'चौरास' भूखंड नाम से जाना जाता है। लघु हिमालय की विस्तृत घाटी में स्थित होने के कारण श्रीनगर की जलवायु उपोष्णकटिबंधीय श्रेणी में आती है। इस नगर एवं इसके समीपवर्ती उपनगरों में गढ़वाल के अन्य क्षत्रों से लोगों के निरंतर आगमन होने के कारण यहां की जनसंख्या जो सन् 1901 में 2091 थी वर्तमान में लगभग 50000 से अधिक हो गई है।

शैक्षणिक, सांस्कृतिक, राजनैतिक एवं व्यापारिक गतिविधियो का केन्द्र होने के कारण वर्तमान श्रीनगर निरंतर उन्नति की ओर अग्रसर है। इसकी आंतरिक एवं बाह्य बनावट को अंगीकार करते हुये इस नगर में विविद्यालय की स्थापना की गई। अपनी स्थापना के 47 वर्षों के इस सुदीर्घकाल में श्रीनगर में स्थापित उच्चशिक्षा का पर्याय गढ़वाल विश्वविद्यालय सन् 2009 में केन्द्रीय विश्वविद्यालय के रुप में उच्चीकृत होकर निरंतर प्रगति के पथ पर अग्रसर है। सम्प्रति तकनीकी शिक्षा हेतु राश्ट्रीय प्रौद्योगिकी संस्थान, चिकित्सा शिक्षा हेतु वीर चंद्र सिह गढ़वाली राजकीय आयुर्विज्ञान एवं शोध संस्थान की स्थापना भी श्रीनगर में हो चुकी है।

किसी भी क्षेत्र , राज्य तथा राष्ट्र की उन्नति का आधार शिक्षा ही है , अत : यह कहना अतिशंयोक्ति पूर्ण नहीं होगा कि वर्तमान श्रीनगर के अवर एवं उच्च शिक्षागत ढांचे ने संपूर्ण उत्तराखंड का गौरव बढ़ाया और प्रगति के नित नवीन आयामो को खोजने की प्रक्रिया सतत् जारी है। परिणास्वरूप यह नगर शिक्षा के सुदृढ़ , सुनियोजित , सुव्यवस्थित एक महत्वपूर्ण केन्द्र के रुप में सुप्रतिष्ठित एवं प्रसिद्ध हो चुका है।



## हेमवती नन्दन बहुगुणा गढ़वाल विश्वविद्यालय

## संक्षिप्त विवरण

- राज्य विश्वविद्यालय के रूप में 1973 में अवस्थापना, 2009 में केन्द्रीय विश्वविद्यालय में परिवर्तित।
- \* तीन परिसर (श्रीनगर–चौरास , पौड़ी , टिहरी )।
- \* 🔹 सम्बद्ध महाविद्यालयों की संख्या 118 तथा 1 लाख से अधिक छात्र–छात्राएं।
- \* शिक्षकों के स्वीकृत पद 468
- \* कर्मचारियों की स्वीकृत संख्या 860
- \* स्कूलों की संख्या (11+03)।
  - कृषि एवं सम्बन्धित विज्ञान
  - पृथ्वी विज्ञान
  - जीव विज्ञान
  - विज्ञान
  - प्रौद्योगिकी एवं तकनीकी
  - कला, संचार एवं भाशा
  - मानविकी एवं सामाजिक विज्ञान
  - वाणिज्य
  - शिक्षा
  - विधि
  - प्रबन्धन
  - दन्त विज्ञान
  - चिकित्सा
  - आयुर्वेद एवं युनानी पद्धति
- \* कुल विभाग 49
- \* परिसरों की छात्र संख्या 13000 से अधिक।

#### आधारभूत संरचना

परिसर	भूमि–क्षेत्रफल(1	एकड़)	निर्माण क्षेत्रण	<b>कल ( m² )</b>
बिड़ला परिसर, श्रीनगर चौरास परिसर, श्रीनगर बी.जी.आर. परिसर, पौड़ी एस.आर.टी. परिसर, टिहरी अन्य		49.168 168.210 25.000 18.160 7.400		47 ,250 1,09,870 17 ,220 29 ,220 80
कुल	267.938		2 ,03 ,690	

## आगामी पांच वर्षों की योजना

- \* निर्माण समिति एवं विश्वविद्यालय अनुदान आयोग द्वारा अनुमोदित (स्वीकृत) : श्रीनगर परिसर के महिला छात्रावास का विस्तारण (अनुमानित लागत 1630.78 लाख रू.), पौड़ी परिसर में केंटीन तथा छात्र सुविधा केन्द्र (अनुमानित लागत 256.95 लाख रू.), फैकल्टी विकास केन्द्र (एफ. डी. सी .अनुमानित लागत 390.00 लाख रू.) मानव संसाधन विकास मंत्रालय द्वारा स्वीकृत।
- \* यू.जी.सी. द्वारा प्रदत्त जिनके लिए डिज़ाइनिंग तथा वित्तीय आवंटन किया जा चुका है: पुस्तकालय भवन चौरास तथा विज्ञान विषयों हेतु प्रयोगशालाएं।
- \* प्रस्तावित छात्रावासों का विस्तारण, तीनों परिसरों में मूल्यांकन तथा परीक्षा कक्ष, शिक्षक तथा शिक्षणेत्तर कर्मचारीयों हेतु आवासीय भवन, विभागीय भवन–जैव प्रौद्योगिकी, सूक्ष्मजीव विज्ञान, जैव रसायन विज्ञान आदि।

#### शैक्षणिक प्रयास

- भारतीय हिमालयन केन्द्रीय विश्वविद्यालय कंसोर्टियम (IHCUC) की स्थापना (2020) : हिमालय इसकी जनता एवं प्रेरणा पर शोध के लिये नवोन्मेषी दृष्टिकोण से संपन्न वर्तमान कुलपति प्रोफेसर अन्नपूर्णा नौटियाल के सद्प्रयासों एवं माननीय शिक्षा मंत्री श्री रमेश पोखरियाल 'निशंक' जी के सतत् प्रोत्साहन के परिणामस्वरूप विश्वविद्यालय में भारतीय हिमालयन केन्द्रीय विश्वविद्यालय कंसोर्टियम (IHCUC) की स्थापना 2020 में हुई। इसकी प्रथम बैठक 1 दिसंबर 2019 को माननीय शिक्षामंत्री श्री रमेश पोखरियाल 'निशंक' जी की अध्यक्षता में और राष्ट्रीय सुरक्षा सलाहकार श्री अजीत डोभाल, कीर्तिचक्र, माननीय कुलाधिपति श्री योगेन्द्र नारायण, आइ०ए०एस० (से०नि०) कार्यपरिषद सदस्य, विद्या परिषद् सदस्य एवं भारतीय हिमालयन केन्द्रीय विश्वविद्यालय कंसोर्टियम में सहभागी कुलपतियों की गरिमामयी उपस्थिति में संपन्न हुई।
- \* नीति आयोग, नई दिल्ली द्वारा भारतीय हिमालयन केन्द्रीय विश्वविद्यालय कंसोर्टिरूम को निम्नलिखित पांच विषयों पर अध्ययन हेतु अधिकृत किया गया है: पर्वतीय क्षेत्रों में महिला श्रमिको के आर्थिक प्रभावों का संगणन एवं मूल्यांकन, विपणन के विशेष सन्दर्भो में हिमालयी राज्यों की कृषि पारिस्थितिकी, पर्वतीय क्षेत्रों में किफायती एवं पर्यावरण के अनुकूल पर्यटन का विकास, पर्वतीय क्षेत्रो से पलायन नियंत्रण हेतु रोजगार के अवसरों का सृजन तथा जल संरक्षण एवं संवर्धन की रणनीति। कंसोर्टियम के सहभागी संरथान हेमवती नंदन गढ़वाल विश्वविद्यालय, नागालैंड विश्वविद्यालय, मिजोरम विश्वविद्यालय, नार्थ इस्टर्न हिल विश्वविद्यालय, सिक्किम विश्वविद्यालय, असम विश्वविद्यालय, तेजपुर विश्वविद्यालयए राजीव गांधी विश्वविद्यालयए मणिपुर विश्वविद्यालयए जम्मू केंद्रीय विश्वविद्यालयए कश्मीर केंद्रीय विश्वविद्यालयए हिमाचल केंद्रीय विश्वविद्यालयए त्रिपुरा विश्वविद्यालय एवं सी०एस०आइ०आर० आइ०एच०बी०टी० पालमपुर है। शिक्षा मंत्रालय ने अपने पत्रांक f.no.53-/2020(CU) दिनांक 9 अक्टूबर 2020 के अनुसार 2 करोड़ का अनुदान भी इसके लिए दिया है।

- \* वर्तमान शोध परियोजनाएं : 12 करोड़ , 12 लाख एवं 87 हजार रूपयों के अनुदान से संपोषित 40 शोध परियोजनाओं पर संकाय सदस्यों द्वारा शोध कार्य चल रहा है। इन शोध परियोजनाओं के लिये वित्तीय अनुदान राष्ट्रीय और राज्य स्तरीय संस्थाओं द्वारा प्रदान किया गया है।
- \* वर्तमान एम.ओ.यू., विश्वविद्यालय ने शोध एवं शैक्षणिक आदान प्रदान हेतु 26 राष्ट्रीय/ अंतरराष्ट्रीय स्तर के संस्थाओं के साथ एम.ओ.यू. पर हस्ताक्षर किया है। इनमे कुछ प्रतिष्ठित संस्थाएं निम्नवत है, साउथ एशियन विश्वविद्यालय, रुप्रेचट करिस विश्वविद्यालय, हाइडलबर्ग, जर्मनी, हाइफा विश्वविद्यालय, हाइफा, इसराइल, कोपेनहेगन विश्वविद्यालय, डेनमार्क, अप्लाइड फारेस्ट साइंस विश्वविद्यालय, रोटेनबर्ग, जेर्मनी, टेक्सास टेक. विश्वविद्यालय, टेक्सास, यू०एस०ए०, नेशनल बोटैनिकल रिशर्च इंस्टिट्यूट, लखनऊ, इंडियन इंस्टिट्यूट अश्वफ टेक्नोलॉजी, कानपुर, उत्तराखण्ड सरकार, भाभा परमाणु शोध केंद्र, मुंबई, नेशनल मिशन फॉर ससटेनिंग हिमालयन एको. सिस्टम, डी.एस.टी. दिल्ली, मिसौरी विश्वविद्यालय, फ्रांसिस रेबेलिअस दूर्स फ्रांस, वाडिया इंस्टिट्यूट ऑफ हिमालयन इकोलॉजी, देहरादून, सी०एस० आई०आर०, आई०एच०बी०टी० पालमपुर और कंसोर्टियम के सहभागी 13 केंद्रीय विश्वविद्यालय।
- शोधारित प्रकाशन: पिछले एक वर्ष में संकाय सदस्यों द्वारा 270 शोध पत्रों जिनमें 2019 में 177
  और 2020 में 104 स्कोपस में प्रकाशित हुए है। साथ ही सम्पादित पुस्तकों में 57 अध्याय और 14
  पुस्तकों का प्रकाशन भी किया गया है।
- अश्वनलाइन शिक्षण, अधिगम, परीक्षा एवं प्रवेश हेतु प्रयास: शिक्षण, अधिगम, परीक्षा और प्रवेश हेतु ऑनलाइन कार्यप्रणाली में पूरी तरह तैयार न होने के कारण कोविड–19 ने विशेष चुनौतियाँ प्रस्तुत कर दी थी, परन्तु तुरंत ही प्रयास करके ऑनलाइन अध्यापन के माध्यम से छात्रों के पाठ्यक्रम पूरा करवाए गए। अंतिम सेमेस्टर की परीक्षा संपन्न करवाना भी विश्वविद्यालय के लिए कठिन चुनौती थी। ऑनलाइन परीक्षा की सुविधा न होने की वजह से लगभग 47 हजार अंतिम सेमेस्टर के छात्रों की परीक्षा व्यक्तिगत उपस्थिति के साथ संपन्न करवाना आवश्यक था। माननीय शिक्षामंत्री श्री रमेश पोखरियाल 'निशंक' जी के सक्षम नेतृत्त्व एवं महत्त्वपूर्ण सुझाव के साथ विश्वविद्यालय ने कोविड–19 की गंभीर परिथितिजन्य चुनौतियो को स्वीकार करते हुए सितम्बर माह में 130 परीक्षा केन्द्रों पर सरकार द्वारा निर्देशित कोविड–19 के सुरक्षात्मक नियमों के अनुपालन के साथ सत्र 2019–20 की परीक्षा सफलतापूर्वक संपन्न करवायी गयी। परीक्षा परिणाम भी घोषित हो गए है और सत्र 2020–21 की कक्षायें भी ऑनलाइन मोड में चल रही है। नयी कक्षाओं में प्रवेश प्रक्रिया भी ऑनलाइन मोड में चल रही है और भविष्य के सत्रों के लिए यह एक अच्छा प्रशिक्षण का अवसर है। ऑनलाइन अध्ययन–अध्यापन हेतु विश्वविद्यालय द्वारा एल०एम०एस० (LMS) का विकास भी महत्त्वपूर्ण प्रयास है।
- केंद्रीय पुस्तकालय के प्रयासः सत्र 2019–20 में केंद्रीय विश्वविद्यालय के केंद्रीय पुस्तकालय में छात्रों, शोधकर्ताओं एवं संकाय सदस्यों के हित में ई–रिसोर्से का संकलन किया गया। जो ई–लैब और विभागों में सभी के लिए उपलब्ध है। इसमें 2690 ई–पुस्तक एवं 409 ई–जर्नल सम्मिलित हैं। साथ ही इसमें स्कोपस, इंडिया स्टेट और मनुपात्र के डाटाबेस भी जुड़े हैं। वर्तमान में 10400 ई–पुस्तकें पाठकों के लिए उपलब्ध हैं। दुर्लभ पुस्तकों एवं विश्वविद्यालय के शोध–ग्रंथों डिजीटाईजेशन के लिए केंद्रीय पुस्तकालय में स्टेट ऑफ आर्ट–डिजिटल स्कैनर भी मिल गया है

एवं पुस्तकालय के ऑटोमेशन का कार्य प्रगति पर है।

- \* ऑनलाइन पाठ्यक्रमों में योगदानः यू०जी०सी० के स्वयं–मूक के अंतर्गत विश्वविद्यालय द्वारा 'एकेडमिक राइटिंग' एवं 'इंडस्ट्रियल फार्मेसी' पर ऑनलाइन कोर्स चलाये जा रहें है, जिससे 85 देशों के लगभग 36000 विद्यार्थी लाभान्वित हो रहे है। कोविड–19 के दौरान ही संकाय सदस्यों द्वारा भारत सरकार के स्वयंप्रभा स्कीम के अंतर्गत फार्मास्यूटिकल साइंस और दर्शनशास्त्र में 68 घंटों के100 विषय–वस्तुओं पर व्याख्यान की रिकार्डिंग तैयार की गयी है।
- \* नवाचार के कार्य: विश्वविद्यालय के विभागों द्वारा कई अभिनव प्रयास किये जा रहे हैं। इनमे प्रमुख है, सैर–सलीका, उमंग, हिमालयी क्षेत्र में स्वामी विवेकानंद के यात्रा पथ पर आधारित वृत्तचित्र निर्माण, 'एक भारत श्रेष्ठ भारत' अभियान के अंतर्गत विभिन्न राज्यों से विभिन्न विषयों पर पुस्तकों का संग्रह, माननीय प्रधानमत्री द्वारा आह्वान किये गए गए कार्यक्रम 'वोकल फॉर लोकल्' के अंतर्गत स्थानीय उत्पादक और उत्पादन पर केन्द्रित पुस्तकों का प्रकाशन इत्यादि। विश्वविद्यालय के संकाय सदस्य 'नमामि गंगे' एवं 'उन्नत भारत' अभियान जैसे परियोजनाओं में
  - और एन०सी०सी०, एन०एस०एस० के माध्यम से भी अपनी अपनी सक्रिय भागीदारी निभा रहे हैं। सामाजिक दायित्त्वों का निर्वहनः विश्वविद्यालय के अधिकारी, संकाय सदस्य और कर्मचारी व्यस्थित ढंग से अपने सामाजिक दायित्वों के निर्वहन में भी संलग्न है। इसके कुछ उदाहरण है– विश्वविद्यालय के अन्दर हरित क्षेत्र का विकास, स्वच्छता, कचरा प्रबंधन, सेनिटाईजेशन एवं सामुदायिक शिक्षा के लिए इकाइयों का प्रदर्शन इत्यादि। भौतिकशास्त्र विभाग द्वारा मौसम के पूर्वानुमान के क्षेत्र में शोध की आपदा प्रबंधन में महत्त्वपूर्ण भूमिका है।

श्रेष्ठ अभ्यासः विश्वविद्यालय द्वारा भारत सरकार के उन्नत भारत अभियान के अंतर्गत अंगीकृत गाँवों के विद्यालयों में भी किफायती सेनिटाईजेशन टनल प्रदान किये जायेंगे।

भाननीय शिक्षा मंत्री श्री रमेश पोखरियाल 'निशंक' जी के प्रयास से ऋषिकेश—कर्णप्रयाग रेल लाइन परियोजना के मुख्य परियोजना प्रबंधक ने इस पर सैद्धांतिक सहमति दी है कि अनावश्यक उत्खनन सामग्री को चौरास स्थित आउट डोर स्टेडियम के क्षतिग्रस्त (जो 2013 की आपदा में क्षतिग्रस्त हुआ है) क्षेत्र में डंप किया जायेगा, ताकि भविष्य में इसकी सुरक्षा और पुनर्निर्माण हो सके।

## Hemvati Nandan Bahuguna Garhwal University, Srinagar (Garhwal) OUR VICE CHANCELLORS

STATE UNIVERSITY	FROM	ТО
Shri. B.D. Bhatt	31.12.1973	30.11.1976
Smt. S. Dobhal	01.12.1977	30.11.1978
Shri. U. C. Ghildiyal	01.12.1978	11.05.1981
Shri. B.D. Bhatt	12.05.1981	05.05.1982
Dr. D.S. Rawat	06.05.1982	05.05.1985
Smt. S. Dobhal	07.05.1985	17.10.1985
Prof. H. H. A. Bourai	19.10.1985	18.10.1988
Prof. S. P. Nautiyal	19.10.1988	18.10.1991
Prof. K. P. Nautiyal	01.07.1990	15.08.1990
Dr. Rajendra Prakash	11.11.1991	30.11.1992
Prof. B. S. Rajput	01.12.1992	30.11.1995
Prof. K. P. Nautiyal	15.03.1995	25.05.1995
Prof. K. P. Nautiyal	01.12.1995	30.11.1998
Dr. Sudha Rani Pandey	01.12.1998	18.02.1999
Prof. P. S. Saklani	19.02.1999	09.10.2001
Prof. A.N. Purohit	10.10.2001	28.10.2001
Prof. P. S. Saklani	29.10.2001	17.11.2001
Prof. A. N. Purohit	18.11.2001	09.05.2002
Dr. N. Natarajan, Air Vice Marshal (Retd)	10.05.2002	09.05.2005
Dr. R. S. Shukla	07.09.2003	03.10.2003
Prof. S. P. Singh	10.05.2005	09.05.2008
Prof. M. S. M. Rawat	10.05.2008	15.10.2008
Prof. S. K. Singh	16.10.2008	27.02.2009
<b>CENTRAL UNIVERSITY</b>		
Prof. S. K. Singh	28.02.2009	01.03.2014
Prof. M. S. M. Rawat (Officiating)	02.03.2014	31.07.2014
Prof. L. J. Singh (Officiating)	01.08.2014	02.12.2014
Prof. J. L. Kaul	03.12.2014	29.12.2017
Prof. A. B. Bhatt (Officiating)	03.01.2018	31.03.2018
Prof. Annpurna Nautiyal (Officiating)	31.03.2018	30.10.2019
Prof. Annpurna Nautiyal	31.10.2019	Till Date

## **Executive Council**

#### **Prof. Annpurna Nautiyal**

Vice Chancellor HNBGU Srinagar Garhwal **Dr. N.S. Panwar** Registrar HNBGU Srinagar Garhwal

#### Visitor's Nominee

#### **Professor Raj Kumar**

Vice Chancellor Panjab University, Chandigarh

#### **Professor Aditya Shastri**

Vice Chancellor Banasthali Vidyapith, Rajasthan

#### Prof. Sumitra Kukreti

Head Department of English M.J.P. Rohilkhand University, Bareilly (U.P.)

#### Ms. Bachendri Pal

Mountaineer Village Nakuri (Talli) P.O. Raturisera, District Uttarkashi – 249193

#### **UGC Nominee**

#### **Prof. Dinesh Kumar Nauriyal**

Former Vice Chancellor, Kumaon University, Department of Humanities and Social Sciences, Indian Institute of Technology, Roorkee – 247667

#### **Chancellor Nominee**

### Dr. Kailash Chandra Sharma

D-11, Sector-49, Noida (U.P.)

Senior Most Professor

Prof. S.C. Bagri

**Associate Professor** 

**Dr. Arun Pant** 

Assistant Professor

Dr. B.P. Chamola

**Three Senior Deans** 

**Prof. S.S. Rawat** Dean School of Education

**Prof. J.S. Chauhan** Dean, School of Agriculture and Allied Science

**Prof. S.K. Gupta** Dean, School of Management

## **Member of Academic Council**

**Prof. Annpurna Nautiyal** Vice Chancellor HNBGU Srinagar Garhwal

#### **Deans of School**

**Prof. J.S. Chauhan** Dean, School of Agriculture & Allied Science

> **Prof. V.C. Sharma** Dean, School of Commerce

> **Prof. S.S. Rawat** Dean, School of Education

**Prof. Mirdula Jugran** Dean, Arts, Communication & Language

> Prof. A.K. Pandey Dean, School of Law

**Prof. Nakli Singh** Dean, School of Life Science **Prof. R.C. Dimri** Dean, School of Science

**Prof. R.S. Rana** Dean, School of Earth Science

**Prof. Y.P. Raiwani** Dean, School of Engineering & Technology

**Prof. C.S. Sood** Dean, School of Humanities &Social Science

> **Prof. S.K. Gupta** Dean, School of Management

Ex Officio- Secretary

Prof. N.S. Panwar Registrar (Ex- Officio- Secretary)

#### **Heads of Departments**

**Prof. A.K. Negi** Department of Forestry

**Dr. Deepak Rana** Department of Horticulture

> Prof. D.S. Negi Chemistry

Prof. P.D. Semalty Physics

Prof. V.S. Singh Statistics

Prof. V.C. Sharma Commerce **Prof. A.R. Nautiyal** Department of HAPPRC

**Prof. R.S. Negi** Department of Rural Technology

Prof. Rekha Naithani Home Science

Dr. Abdul Faruk Pharmaceutical Science

Dr. Sarla Saklani Pharmaceutical Chemistry

**Dr. D.K. Pandey** Defense and Strategic Studies Prof. Y.P. Sundriyal Geology

**Prof. C.M. Sharma** Coordinator, Remote Sensing

> Prof. P.K. Joshi Education

Dr. Heera Lal Yadav Physical Education

**Prof. N.S. Panwar** Instrumentation Engineering

Dr. Y.P. Pundir Electronics &Communication

> **Dr. D.S.Bisht** Drawing & Painting

Prof. Surekha Dangwal English

Dr.Asha Krishan Pandey Music

> Prof. V.S.Chauhan Anthropology

Prof. S.S.Negi History & Archaeology

Prof. Rakesh Kala Political Science

Prof. Kiran Dangwal Sociology

**Prof. C.M. Sharma** Botany & Microbiology

**Prof. B.S. Bisht** Zoology & Biotechnology

**Dr. Jaspal Singh Chauhan** Himalayan Aquatic Biodiversity

> Prof. P.C. Lakhera Bio-Technology

Prof. M.S. Rawat Mathematics

Prof. J.D.S. Negi Sectarial Practices Prof. M.S.Negi Geography

Prof. Arun Bahuguna Adult Continuing Education and Extension

Dr. Anuja Rawat Naturopathy & Yoga

Prof. M.S.S. Rauthan Computer Science

Dr. Manoj K Gupta Mech. Engg.

Dr. Vinay Tamta

Dr. Sudhanshu Jaiswal Centre for Journalism & Mass Communication

Prof. Manjula Rana Hindi

Prof. Kamla Chauhan Sanskrit

> Prof. P.S. Rana Economics

Prof. Indoo Pandey Khanduri Philosophy

> Prof. Manju Pandey Psychology

Prof. A.K. Pandey Law

Prof. R.K. Maikhuri Environmental Science

> Dr. Nisha Singh Biochemistry

Dr. Pradeep Mangain Business Management

Prof. S.K. Gupta Centre for Mountain Tourism & Hospitality Studies (CMTHS)

**Prof. J.S. Chauhan** Seed Science & Technology



**Prof. S.C. Bagri** Centre for Mountain Tourism & Hospitality Studies (CMTHS)

> **Prof. H.P. Bhatt** Geography

> > **Three Associate Professors**

Dr. Arun Pant English Dr. J.D.S. Negi Commerce

**Prof. M.M.S. Rauthan** 

Computer Science & Engg.

Dr. K.P. Singh Defence

**Three Assistant Professors** 

Dr. B.P. Chamola Forestry Dr. Guddi Bisht Hindi

Dr.R.B. Godiyal Geography

#### **The Principals**

**Dr. Indu Singh** MKP, (PG) College Dehradun **Dr. Atul Kumar Gupta** SGRR (PG) College Dehradun

**Dr. Rakesh Jain** DAV (PG) College, Dehradun

**Visitor Nominees** 

**Prof. Prabha Shankar Shukla** GB Pant University of Agriculture & Technology Pant Nagar, U.S.Nagar (UK)

**Prof. Tahir Hussain** Deptt. of Geography Zamia Millia University, Delhi

#### **Dr. Neera Narang**

Associate Professor, Deptt. of Education, University of Delhi

Dr. Sarad Singh Negi

Retd. Director General Forest Govt. of India.

#### Dr.Savita

IFD, Director & Vice Chancellor FRI

#### **Academic Council Nominees**

#### Dr. Vijay Dhasmana

Vice Chancellor Swami Rama Himalayan University, Dehradun, Uttarakhand

#### Dr. Sanjay Kumar

Director CSIR-IHBT Palampur, Himanchal Pradesh

#### Dr. Hem Chandra

Vice Chancellor HNB Uttarakhand Medical Education University Patel Nagar, Dehradun, Uttarkhand

#### **Prof. J.S. Rawat**

National Geospatial Chair, Professor, Department of Science & Technology, Govt. of India Professor and Head of the Department of Geography Kumaun University, Nainital, Uttarakhand

#### Dr. Ravindra Koristtar

Senior Academic Fellow Indian Council of Historical Research, New Dehli

#### The DSW

**Prof. P.S. Rana** Dean Student Welfare (DSW)

#### **The Proctor**

#### Prof. Arun Bahuguna Proctor

#### **The Controller of Examination**

**Prof. R.C. Bhatt** Controller of Examinations

#### <u>The Librarian</u>

**Dr. M.S. Rana** University Librarian

## दानदाताओं द्वारा विश्वविद्यालय को प्रदत्त स्वर्ण पदक के वर्ष 2019-20 में सर्वोच्च अंक प्राप्तकर्ता

क्र०सं०	पदक	छात्र/छात्रा का नाम	विषय	कक्षा
1.	श्री बद्रीनाथ केदारनाथ मन्दिर समिति स्वर्ण पदक	विकास पंत	संस्कृत	एम०ए०
2.	श्रीमती सावित्री देवी स्वर्ण पदक	विकास पंत	संस्कृत	एम०ए०
3.	श्री राम प्रपन्नाचार्य संस्कृत ट्रस्ट स्वर्ण पदक	विकास पंत	संस्कृत	एम०ए०
4.	डॉ० डी०एन० शास्त्री स्मृति स्वर्ण पदक	विकास पंत	संस्कृत	एम०ए०
5.	संत मोहन लाल स्मृति स्वर्ण पदक	अतुल जोशी	भौतिकी	एम०एस०सी०
6.	ठाकुर गुमान सिंह बिष्ट स्मृति स्वर्ण पदक	रहमानी	अर्थशास्त्र	एम०ए०
7.	श्रीमती रूकमणी देवी रमृति स्वर्ण पदक	सीमा	हिन्दी	एम०ए०
8.	लाल हुकमचन्द स्मृति स्वर्ण पदक	शोभा सिंह	राजनीतिशास्त्र	एम०ए०
9.	स्वामी रामतीर्थ स्मृति स्वर्ण पदक	राजेन्द्र सिंह	समाजशास्त्र	एम०ए०
10.	डॉ० डी०एस० भाकुनी स्मृति स्वर्ण पदक	अंकिता	रसायन विज्ञान	एम०एस०सी०
11.	ु डॉ० डी०एस० भाकुनी स्मृति स्वर्ण पदक	प्राची सैनी	रसायन विज्ञान	एम०एस०सी०
12.	नरेन्द्र ट्रस्ट स्मृति स्वर्ण पदक	आफरीन	वाणिज्य	एम०ए०
13.	श्री हरिलाल अग्रवाल स्मृति स्वर्ण पदक	मधुलिका सिंह	वनस्पति वि०	एम०एस०सी०
14.	श्री बल्लूमल जैन स्मृति स्मृति स्वर्ण पदक	लक्ष्मी त्रिपाठी	इतिहास	एम०ए०
15.	श्री शिव प्राद पैन्यूली स्मृति स्वर्ण पदक	तनीषा शर्मा	जैव प्रौद्योगिकी	एम०एस०सी०

Subject	Name	CGPA	Credit Earned	College		
School of Agriculture and Allied Sciences						
Forestry एम.एससी. वानिकी	Radhika Sood (राधिका सूद)	8.54	72	Birla Campus Srinagar (Garhwal)		
Horticulture एम.एससी. उद्यानिकी	Jeevanandham A (जीवनधाम ए)	8.28	74	Baba Farid Institute of Technology, Dehradun.		
Rural Technology एम.एस.सी. ग्रामीण प्रौद्यौगिकी	Pratibha Rawat (प्रतिभा रावत)	8.11	72	Birla Campus Srinagar (Garhwal.)		
Seed Science & Technology एम.एससी. बीज विज्ञान एवं प्रौद्यौगिकी	Sampatirao Swetha सम्पत्तीरावो स्वेता	8.63	72	Birla Campus Srinagar (Garhwal)		
School of Commerce						
Commerce एम.कॉम	Aafreen (अफरीन)	8.58	72	Methodist Girls Degree College Roorkee		
School of Commerce						
Chemistry एम.एससी. रसायन विज्ञान	Ankita Bhatt (अंकिता भट्ट)	8.33	72	D.B.S. (P.G.) College Dehradun		
Chemistry एम.एससी. रसायन विज्ञान	Prachi Saini (प्राची सैनी)	8.33	72	Garg Degree College, Laksar, Haridwar		
Home Science एम.ए. गृह विज्ञान	Monika Bisht (मोनिका बिष्ट)	8.79	72	M.K.P.(P.G.) College, Dehradun.		
Mathematics एम.एससी. गणित	Sanjay Singh (संजय सिंह)	8.63	72	D.B.S.(P.G.) College, Dehradun		
Physics एम.एससी. भौतिक विज्ञान	Atul Joshi (अतुल जोशी)	8.71	72	D.B.S.(P.G. College, Dehradun		
Pharmaceutical Chemistry एम.एससी. भेषज रसायनकी	Gargi Singh (गागी सिंह)	8.5	72	Dolphin P.G Institute Bio Medical & Natural Science Dehradun.		
Statistics एम.एससी. सांख्यिकी	Palak Bathla (पलक बाटला)	7.83	72	Baba Farid Institute of Technology, Dehradun		
School of Earth Science	2					
Defence & Strategic Studies एम.एस.सी. रक्षा एवं स्त्रॉतेजिक अध्ययन	Shweta (स्वेता)	7.75	72	Birla Campus Srinagar (Garh.)		

## **Toppers of Post-Graduation Merit List (Batch 2018-2020)**

Geology भू–विज्ञान	Haroon Hafeez (हारून हाफीज)	8	72	S.R.T. Campus Badhaithaul Tehri
Geology भू–विज्ञान	Mehak John (महक जॉन)	8		Baba Farid Institute of Technology, Dehradun.
Geography एम.ए. भूगोल	Aadarsh Pant (आदर्श पन्त)	8.54	72	Birla Campus Srinagar Garhwal
School of Education				
Education शिक्षाशास्त्र	Vinay Kumar (विनय कुमार)	7.92	72	Baba Farid Institute of Technology, Dehradun.
M.A. (Yoga) Yogic Science एम.ए. योगिक साइंस	Archana (अर्चना)	7.58	72	Birla Campus Srinagar Garhwal
M.A. (Yoga) Yogic Science एम.ए. योगिक साइंस	Shivani Mingwal (शिवानी मिंगवाल)	7.58	72	Birla Campus Srinagar Garhwal
School of Engineering	Technology			
Master of Computer (M.C.A.) कम्प्यूटर अनुप्रयोग में रनातकोत्तर	Sonam (सोनम)	7.91	108	Baba Farid Institute of Technology, Dehradun.
School of Arts, Commu	nication and Languag	es		
Drawing & Painting एम.ए. चित्रांकन एवं चित्रकारी	Km. Prachi Singh (कु. प्राची सिंह)	8.83	72	S.S.D.P.C. Kanya Mahavidhyalaya Roorkee.
Mass Communication एम.ए. जन संचार	Chitra Joshi (चित्रा जोशी)	7.67	72	D.A.V. (P.G.) College Dehradun.
Mass Communication एम.ए. जन संचार	Sachin Purohit (सचिन पुरोहित)	7.67	72	D.A.V. (P.G.) College Dehradun.
English एम.ए. अंग्रेजी	Saumya Lakhera (सोम्या लखेड़ा)	8.42	72	S G.R.R. (P.G.) College, Dehradun.
Hindi एम.ए. हिन्दी	Seema (सीमा)	9.17	72	Birla Campus Srinagar Garhwal
Music एम.ए. संगीत	Dinesh Chandra Bhatt (दिनेश चन्द्र भट्ट)	8.39	72	Birla Campus Srinagar Garhwal
Sanskrit एम.ए. संस्कृत	Vikas Pant (विकास पंत)	7.88	72	Birla Campus Srinagar Garhwal
Political Science	Shobha Singh	8.42	72	D.A.V. (P.G.) College

School of Humanities a	nd Social Sciences			
Anthropology एम.एससी. मानव विज्ञान	Suraj Ghildiyal (सूरज घिल्डियाल)	7.29	72	Birla Campus Srinagar Garhwal
Economics एम.ए. अर्थशास्त्र	Rehmani (रेहमानी)	9.17	72	B. Gopala Reddy Campus Pauri Garhwal.
History एम.ए. इतिहास	Laxmi Tripathy (लक्ष्मी त्रिपाठी)	7.75	72	D.A.V. (P.G.) College Dehradun.
Psychology एम.ए. मनोविज्ञान	Abhilasha Chandola (अभिलाषा चन्दोला)	7.88	72	Birla Campus Srinagar Garhwal
Master of Socia Work (MSW) रनातकोत्तर सामाजिक कार्य	Nivedita (निवेदिता)	7.85	72	Birla Campus Srinagar Garhwal
Sociology एम.ए. समाजशास्त्र	Rajendra Singh (राजेन्द्र सिंह)	8	72	D.A.V. (P.G.) College Dehradun.
School of Law				
LL.M. एल.एल.एम.	Kumar Vivek (कुमार विवेक)	7.39	72	S.R.T Campus Badshaithaul Tehri
School of Life Sciences				
Botany एम.एससी. वनस्पति विज्ञान	Madhulika Singh (मधुलिका सिंह)	8.67	72	Garg Degree Colleg,Laksar, Haridwar.
Microbiology एम.एससी. सूक्ष्मजैविकी	Arpita Bhawami (अर्पिता भवानी)	8.54	74	Dolphin P.G Institute Bio Medical & Natural Science Dehradun.
Biochemistry एम.एससी. जैव रसायनिकी	Komal Ranjan (कोमल रंजन)	8.54	72	Dolphin P.G Institute Bio Medical & Natural Science Dehradun.
Environmental Science एम.एससी. पर्यावरण विज्ञान	Kamni Sharma (कामनी शर्मा)	8.33		Birla Campus Srinagar Garhwal
Environmental Science एम.एससी. पर्यावरण विज्ञान	Shalni Chib (शालनी चिब)	8.33	72	Birla Campus Srinagar Garhwal
Biotechnology एम.एससी. जैव प्रोद्यौगिकी	Tanisha Sharma (तनीशा शार्मा)	8.54	72	Dolphin P.G Institute Bio Medical & Natural Science Dehradun.
Zoology एम.एससी. जन्तु विज्ञान	Sakshi Mittal (साक्षी मित्तल)	8.46	72	Baba Farid Institute of Technology, Dehradun.

School of Management					
M.B.A. मास्टर ऑफ बिजनेस एडमिनिस्ट्रैशन	Pragya Sharma (प्रज्ञा शर्मा)	7.9	72	Birla Campus Srinagar (Garh.)	
M.B.A. (Turism) मास्टर ऑफ बिजनेस एडमिनिस्ट्रैशन (टूरिज्म)	Akansha Negi (अकांक्षा नेगी)	7.61	72	Birla Campus Srinagar (Garh.)	



Subject	Name	Торіс	Date of Viva
Forestry	Dharmveer	Impact of Altered Flow Regimes on Growth and composition of Riparian Vegetation of Alaknanda and Bhagirathi Basin.	
Forestry	Vijay Kumar Yadav	Study of Asiatic Black bear (Ursus thibetanus) habitat and Human-Black bear conflict in Nanda Devi Biosphere Reserve.	06-11-20
Rural Technology	Akhilesh Chandra	Assessment of Natural Resources and Implication for Sustainable Rural Development : Carrying Capacity Study of Kyunja Gad Watershed, District Rudraprayag Uttarakhand.	
Plant Physiology (HAPPRC)	Sandeep Singh Charak	Diversity and Conservation of Jurinea Macrocephala (Royle) C.B. Clarke, A Threatened Medicinal Herb of Western Himalaya.	
Chemistry	Mahender Singh	Isolation characterrization and synthesis of metallic nanoparticles of some selected medicinal plants and their biological activites	19-06-20
Chemistry	Prachi	Green synthesis of Metal Nanoparticles and assessment of their biological activity.	04-07-20
Chemistry	Deepak Patel	Green Synthesis of Metal Nanoparticles From Some Medicinal Plants of Garhwal and Their Chemical and Biological Characterization.	11-07-20
Chemistry	Surabhi Sagar	Removal of Hazardous dyes from wastewater using algal biomass as low cost adsorbents.	25-08-20
Chemistry	Rohit Verma	Development of Low-Cost Xantihum Based Activated Carbon and its Application in Pollutant Removal from Waste Water.	28-08-20
Chemistry	Narendra Kumar	Synthesis and Electroanalytical Studies of Some Chelating compounds.	13-09-20
Chemistry	Jagdeep Kumar	Synthesis and optical properties of Indole Based Donor-Acceptor conjugated systems.	20-11-2020
Chemistry	Sapna Tyagi	Isolation Characterization and Pharmacological Investigation on Secondary Metabolites from Medicinally Important Plants.	
Mathematics	Ajay Kumar	Numerical Solutions of Some Convection Flow through the porous media.	08-10-20
Mathematics	Vandana Dabral	Study of some convective flows through porous media: A stability perspective.	07-03-20
Mathematics	Sudheer Petwal	Some Results of Fized point Theory in Matric and Partially ordered metric spaces.	27-07-20
Mathematics	Vikas Kumar	Study of Mathematical Modelling in Human Population Dynamics.	31-07-20

## Awardees Conferred with Ph.D. Degree (2019-20)

Mathematics	Prateek Goel	Mathematical Modelling for Some Flow Problems in Drinking Water Pipeline, Sewage Pipeline and Oil Pipeline Network	27-08-20
Mathematics	Sandeep Chauhan	Geometry of complex spaces and its application.	10-07-2020
Physics	Surendra Singh	Dielectric properties of Li doped Na1-x Kx NbO3, near $x = 0.475$ morphotropic phase region	24-12-2019
Physics	Jyotsana Negi	Electrical Properties of Ta doped Na(1-x) Kx NBO3 Near Morphotropic region, x=0.32	05-03-20
Physics	Subodh Joshi	Vibrational and thermal properties of point defects in cubic metals using modified embedded atom method potentials.	31-07-20
Commerce	Sugandha Verma	Influence of Organisational Attributes on Work- Life Balance of Women Employees in Commercial Banks.	04-08-20
Commerce	Anshika Bansal	Role of HR Practices in Organizational Effectiveness: A Case Study of Bharat Electronics Limited Kotdwara.	03-10-20
Commerce	Rashmi Kumari	Effect of NPAs on the Financial performance of public and private sector banks.	17-12-2019
Commerce	Manisha Semwal	Employee Engagement and Satisfaction as a Competitive Advantage: A study of Selected Automobile Companies in Uttarakhand.	15-07-20
Commerce	Raksha Prasad Vashist	Impact of E- Governance on Trade and Commerce: A Study of Select Aspects	22-07-20
Commerce	Megha Sharma	Influence of Social Media on young Consumers purchase intention through customer brand engagement.	24-07-20
Commerce	Bharat Kumar Rajak	Impact of Financial Inclusion on Poverty Alleviation: A Study in Western Uttar Pradesh.	31-07-20
Commerce	Shruti Jain	Consumer Attitude and Satisfaction in Respect of Online Shopping.	19-11-2020
Commerce	Priyanka Gosain	Green Marketing Mix as a CSR too : A Study of Selected Food Processing Companies.	29-08-2020
Defence & Strategic Studies	Mukesh Kumar Tamta	दक्षिण–पूर्वी–एशिया के सन्दर्भ में आसियान की भूमिका	18-09-20
Defence & Strategic Studies	Anil Kumar Meena	Problems of the Indian Army: An analytical Study.	24-02-20
Defence & Strategic Studies	Col Aridaman Sharma	Insurgency in North East ; A Critical Appraisal of India's Counter Insurgency Strategy in Post 1971 Period.	24-02-20
Geography	Krishna Sharma	Prospects and consequeces of depletion of groundwater and rainwater hrvesting in meerut District.	

Geography	Manju Devi	Development of Tourism in Haridwar District: Problems and potentials	27-07-20
Geography	Dimple Kumar	A Study of urban morphology for development planning of Roorkee Urban Agglomeration (Uttarakhand)	04-08-20
Geography	Upendra Bhai Patel	Evaluation of urban sprawl and landuse/landcover change in Lucknow City (AGIS Based Study)	06-08-20
Geography	Jyotsna Bhatt	Sustainable Development of an Ecologically Sensitive Mountain Region: A Case Study of Gangotri Eco-Sensitive Zone (Uttarakhand)".	02-09-20
Geography	Sunil Singh	Impact of Natural Disasters, Disasters Manaagement Present Status and Future Road Map : Special Reference to Uttarkashi District (Uttarakhand).	03-09-20
Geography	Sunil Kumar	A Study of Landforms in Relation to Landscape Aesthetics and Potential Tourism Development of Rupin Basin (Western Himalaya)	16-10-20
Geography	Atul Kumar	A Study of land and water resources for sustainable development in Rudraprayag District ( A micro-level analysis)	07-12-2019
Geography	Pramod Singh	A Geographical study of tourism and socio- economic development in rudraprayag District	09-12-2019
Geography	Sohan Pal Singh	विकास खण्ड रजपुरा (जनपद मेरठ, उत्तर प्रदेश) के ग्रामीण विकास एवं क्षेत्रीय नियोजन का भौगोलिक अध्ययन	17-12-2019
Geography	Sunita Rawat	रूद्रप्रयाग जनपद में महिलाओं के स्वास्थ्य की भौगोलिक समीक्षा	10-11-20
Geography	Satish Chandra	जनपद चमोली में जनसंख्या प्रवास का भौगोलिक अध्ययन	12-11-20
Geography	Shairy Chaudhary	Evaluation of Ecotourism Sites in Garhwal Himalaya Using GIS and Remote Sensing Techniques: Prospects and Planning	19-11-20
Geography	Rashmi Kant Shukla	Methodology for Social Geology in Geological Hazard Management with Special Reference to Doon Valley, Uttarakhand India	12-08-20
Geography	Bhavana Ghildiyal	Landslide Hazard Assessment Using Satellite Derived Parameters on Tehri Dam Reservoir Rim Area	14-07-20
Geography	Tushar Sharma	Dyamics of Satopanth Glacier and its Relationship with Climate Change, Upper Alaknanda Basin Uttarakhand Himalaya	15-07-20
Education	Kusum Sajwan Negi	A Study of Mobile Phone Usage by Undergraduate Students and its Relationship to Their Personality and Values	21-07-20
Education	Murary Singh Yadav	विद्यालय वातावरण का विद्यार्थियों की संवेगात्मक बुद्वि , मूल्य एंव व्यावसायिक आकांक्षा पर प्रभाव का अध्ययन	13-08-20

Education	Deepa Rana	Level of frustation and Anxiety of Visually Imparired and Norma Vaision Students of Senior Secondary Level in Relation to Their Emotional Intelligence.	13-08-20
Education	Rashmi	Career Maturity in Relation of Emotional Maturity, Deciesion Making ability and self efficacy of Senior Secondary School Students	31-10-20
Education	Bhawna	Effectiveness of computer Aided Instruction on Teacher Trainees With Special reference to Life Skills education	14-12-2019
Education	Indu Rawat	Effect of Socio-Economic Status on Level of Educational Aspiration and Academic Achievement of Higher Secondary Students	23-12-2019
Education	Bisweswari Sahu	Effects of Yogic Intervention on Adjustment, Aggression and Academic Anxiety Among School Going Students	23-12-2019
Education	Rekha Dhyani	The Effect of Metacognitive Strategies on Achievement in Mathematics of Elementary Students	23-12-2019
Education	Ram Niwas	बी०एड० प्राशिक्षण महाविद्यालयों में छात्राध्यापकों की शिक्षण सक्षमता पर उनकी सृजनात्मक अभिवृत्ति एवं अनुशीलन के सम्बन्ध का अध्ययन	31-12-19
Education	Devendra Singh	A Study of Environmental Ethics in Teacher Trainees in Relation to Their Life Values	31-12-19
Education	Ravi	शिक्षा का अधिकार अधिनियम के सन्दर्भ में अनुसूचित जाति तथा जनजाति में बालिकाओं की शिक्षा की प्रभावशीलता के सन्दर्भ में प्रभावशीलना का अध्ययन	09-07-20
Education	Shaheen Parveen	Academic Achievement of Muslim Girl Students in Relation to Their Attitude and Educational Environment	19-11-20
Anthropology	Vandana Kothari	गढवाल हिमालय की गूजर प्रवासियों के महिलाओं की शारीरिक वृद्वि एवं पोषण का मानवशास्त्रीय अध्ययन	07-09-20
Anthropology	Abhinav Tiwari	मदिर स्थापत्य की वलभी शौली ः उत्पत्ति एंव विकास (उत्तराखण्ड के विशेष सन्दर्भ में)	30-12-19
Anthropology	Anita Rawat	गढ़वाल हिमेालय मे प्रचाीन जल स्त्रोंतों की स्थापत्य कला का अध्ययन	20-02-20
Economics	Deeapk Singh Manhas	The Determinants of Himalayan Migration and its Socio-Economic Consequences in Uttarakhand : (A Study of District Garhwal)	22-02-20
Archaeology	Rakhi	Development of ceramic tradition in Uttarakhand study of pottery form archaeological sites of Garhwal and Kumaun Himalays	
Economics	Pramod Kumar	An Analytical Study of Tow Decades of Economic Reforms in India and It's Impact on Foreign Direct Investment and Export Performance	04-08-20

Psychology	Nidhi	Effects of Academic Interventions Upon the Academic Stress and Temperament of the Students with Dyscalculia	17-08-20	
Psychology	Yogita singh	Identification of the Level of Psychic Immunity fo the Adolescents & Its Enhancement Through Spiritual Augmented Cognitive Restructuring	04-09-20	
Sociology	Arun Kumar Verma	Role conflict and job stress among Police Force: A Sociological study (with special reference to Dehradun District of Uttarkhand	13-12-2019	
Sociology	Ritu	अनुसूचित जाति की महिलाओं में लिंग विभेदीकरण" (कोटद्वार नगर एवं ग्रामीण क्षेत्र का एक समाजशास्त्रीय अध्ययन)	23-12-2019	
Political Science	Mr. Hariballav	A Comparative study of India- China Relations under the NDA-UPA government	17-07-20	
Political Science	Vinit Kohli	Bharat Main Baal Sharmikon Ki Samasyan Evem Samvaidhanik Pravdhan Uttarakhand Ke Tehri Evem Uttar Pradesh Ka Tulnatmak Adhayan	04-08-20	
History	Pankaj Pandey	केदारखण्ड में वर्णित सरोवरों एवं कुण्डों का सॉस्कृतिक अघ्ययन	10-12-2019	
History	Ravindra Nath Singh	भारत का चीन तथा दक्षिण–पूर्व एशिया से सामुद्रिक व्यापार : एक ऐतिहासिक अध्ययन (750 ई0 सें 1200 ई0 तक)	12-12-2019	
History	Babita Panthri	राष्ट्रीय एवं प्रादेशिक आन्दोलनों में गढ़वाल की महिलाओं के योगदान का ऐतिहासिक अध्ययन (20वीं शताब्दी के विशेष सन्दर्भ में)	11-02-20	
History	Sapna Rawat	पश्चिमी गढ़वाल के लोकोत्सवों में प्रतिबिम्बित समाज एंव संसकृति का ऐतिहासिक अध्ययन	30-07-20	
History	Sampati	गढवाल हिमालय में विवाह पद्वति—निरन्तरता एवं परिवर्तन का एक ऐतिहासिक अध्ययन (19वीं—20वीं शताब्दी के सन्दर्भ में)	21-08-20	
Archaeology	Sapna Rawat	गढवाल हिमालय के मंदिर स्थापत्य में अलंकृत अभिप्राय (सातवीं सदी से बारहवी सदी तक)	28-08-20	
Philosophy	Ameet Kotwal	The Ethical and Ecological Significance of the Teaching of Sakyamuni : The Buddha	18-03-20	
Drawing & Painting	Manish Semwal	जनपद उत्तरकाशी की रूपप्रद कला का विश्लेशणात्मक अध्ययन	31-08-20	
Drawing & Painting	Neelam	उत्तराखण्ड एवं नेपाल की सीमावर्ती जनपदों की रूपप्रद लोक कला : एक अध्ययन (पथौरागढ चम्पावत एवं बैंतडी, दारचुला जनपद के विशेष सन्दर्भ में)		
Mass Communication	Nidhi Bhandari	Impact of television on social status of jaunsari women of Garhwal: An analytical study	17-02-20	
Mass Communication	Jyotsna Panwar	Environmental Issues and Print Media Coverage: An Analytical Study (With special reference to Ganga Pollution in Garhwal	14-07-20	

English	Anzar Ahmed	Political and cultural dynamics in the select fictional and non-fictinal works of Nayantara Sahgal	10-09-20	
English	Saleem Jaffar	Aesthetics and Politics in the Post-1989 Kashmiri Literature in English	26-09-20	
English	Shipra Joshi	Diverse Urban Spaces and Apathy: A Post Modern reading of the novels of Adiga, Barnes, Cole, Murakami and David Roberts	28-09-20	
English	Amandeep Kaur	A Study of Socio-Cultural and Philosophical Concerns in Select Works of Dalip Kaur Tiwana	09-10-20	
English	Pushpa	Processional Theatre of Nanda Devi Raj Jat: Enactment of Mythical and Ritual Narratives	07-11-20	
English	Archna Goswami	The Heroines of Kamala Markandaya: A Critical Study	11-11-20	
Hindi	Ram Asare	हिन्दी दलित साहित्य की आलोचना का समीक्षात्मक अध्ययन	14-10-20	
Sanskrit	Abha	उपनिशदों में सामाजिक चेतना ः एक अध्ययन (शाङ्घ.रभाश्य संवलित)	20-11-20	
English	Bindiya Rahi	Poetic Mythos and Ethos in Federico Garcia Lorca's Plays	24-10-20	
English	Parvinder Kaur	Metaphysical Elements in The Poetry of Emily Dickinson	05-11-20	
English	Akanksha Bahukhandi	Folktale Motif Structures in J.K. Rowling's Harry Potter Series"	11-12-2019	
English	Dechen Doma Sherpa	Narrative techniques of Chitra Banerjee Divakaruni' selected fictional works: An analysis in Gerard Genette's Discourse Framework	16-12-2019	
English	Pooja Rawat Thapliyal	Tradition and Modernity in the Novels of Shashi Deshpande	27-12-2019	
English	Versha Verma	Autobiographical Element in the Early Poetry of Kamala Das	03-03-20	
English	Manoj Singh	Theatre in Education: A Survey and Analysis of the Modules of TIE	he 13-07-20	
Hindi	Banshi Lal	अमरकान्त के कथा साहित्य में मध्यवर्गीय समाज	03-07-20	
Hindi	Damyanti Aswal	चन्द्रकॅवर बर्त्वाल की कवतिा के विविध आयाम	07-07-20	
Hindi	Bharti Nautiyal	हिन्दी नवगीत परम्परा का सांहित्यिक एंव सांस्कृतिक अनुशीलन	18-07-20	
Library and Information Science	Sanjeev Kumar Sharma	Model Public Libraries Act for Uttaranchal	18-07-20	
Hindi	Anjana	कमलेश्वर की कहानियों में कस्बाई जीवन एवं महानगरीय त्रासदी ःविश्लेशणात्मक अध्ययन	31-08-20	

Hindi	Pravita Devi	शिवानी के उपन्यासों में समाज एवं संस्कृति	01-09-20
Hindi	Gaurish Nandini Kala	छायावादी कविता में प्रकृति एंव हिमालयी चेतना	02-09-20
Hindi	Kavita Ramola	ममता कालिया के कथा–साहित्य में स्त्री–विमर्श	02-09-20
Sanskrit	Sunil Prasad Gour	संस्कृतवाड्मयवर्णित शाप–वरदान व्यवस्था का परिशीलन	08-08-20
Sanskrit	Beena Rani	सरस्वतीकण्ठाभरण का समीक्षात्मक अध्ययन	09-10-20
Sanskrit	Santosh Dutt Lekhwar	निरंजन मिश्र कृत गड्गापुत्रवदानम् महाकाव्य का समीक्षात्मक अध्ययन	19-10-20
Zoology	Sumit Kumar	Analysis of Phenotypic and Genotypic Variability Within Species of Genus Barilius from Different Tributaries of Alaknanda and Chenab Rivers	05-12-2019
Zoology	Asha	Taxonomic Study of Drosophilids from Adjoining Areas of Himachal Pradesh and Uttarakhand with Molecular Characterization of Some Species	16-12-2019
Botany	Usha Thakur	Investigations on Woody Plant Diversity, Biotic Disturbances and Regeneration Status Along an Altitudinal Gradient in Churdhar Wildlife Sanctuary, Himachal Pradesh	04-12-2019
Botany	Yashwant Singh	Documentation of rare wild edible plants of Garhwal Himalaya and nutritive value of important wild edible fruits	06-12-2019
Botany	Shailesh Prasad Vashist	Phenological response of four Rhododendron species with reference to climate change	01-02-20
Botany	Amber Srinvastava	Tazonomic Studies and Conservation Approach of Some Threatened Plants of Uttarakhand Using Ecolongical Niche Modelling	03-02-20
Botany	Mujahida Parveen	Forest Structure composition and regeneration status along the disturbance gradients in Garhwla Himalaya	
Botany	Harish Kumar	Evaluation of Medicinal Plants of Garhwal District of Uttarakhandwith Reference to the Conservation Aspects	14-08-20
Botany	Snobar Shafi	i Species composition, plant biomass and net primary production in pine dominated forest ecosystem under burnt and unburnt conditions at Pauri, Garhwal Himalaya	
Botany	Sharesth Kumari	Vegetational structure, plant biomass and net primary productivity in burnt and unburnt oak dominated forest grazing lands at Pauri, Central Himalaya	
Botany	Mohd. Shabir	Monographic and Phytochemical Studies on the Genus Gentiana L. From Western Himalaya	10-09-20

Gauri	Screening and Management of Powdery Mildew Affecting Naturally Growing Medicinal Plants of Kotdwar Bhabar in Garhwal Himalaya	13-04-20	
Sheetal Chaudhary	Biodiversity and Interaction of Physico-Chemical Variables of Himalayan Wetland Deoria Tal	07-10-20	
Stanzin Namtak	Traditional Ecological Knowledge for Management of Natural Resources in Trans- Himalayan Leh, Leadakh	07-10-20	
Chandi Prasad	Natural Resources of The Kedarnath Valley: Status, Conservation and Management	07-10-20	
Rama Kumari	Biodiversity and Physico- chemical Dynamics of water of Sacred Lake Prashar, Himachal Pradesh	14-07-20	
Sushma Singh	Limnology of High Altitude lake dodi tal Garhwal himalyas	14-07-20	
Chanresh Chandel	Molecula Characterization and stability analysis of cytiplasmic Male Sterile line of Pepper	14-08-20	
Pawan Singh Rana	Study on Phytochemical compounds, Antioxidant activity and genetic Diversity of Coleus forskohlii form Garhwl Himalayan	18-07-20	
Mohd Rashid	Fish Biology of Mastacembelus Armatur (Lacepede) from river Nayar Garhwal himalaya Uttarakhand	10-07-20	
Sudesh Kumar	A Study on avian Ecology of Temperate forests of Garhwal Himalayaya (Western Himalayan) Uttarakhand	20-06-20	
Bijendra Kumar	The Impact of Rainfall on the Development and Survival of Malaria Vectors	06-07-20	
Rashmi Rawat	Assessment of bacterial diversity and community succession in a hot and a cold suplhur spxing of Garhwal Himalaya	12-03-20	
Mohd. Zahier Khan	Morphometric and molecular systematic study of drosophilids from Jammu region	14-03-20	
Shepali Chalotra	Ecological Status of Lower Stretch of Song River, Doon Valley, Uttarakhand	22-02-20	
Alauddin	Biological Evaluation of Selected Natural Isoflavonoids on Gastric & Hepatic Disorders in Sprague dawley Rats	06-03-20	
Aadil Ayaz	Isolation, cloning and expression analysis of Keratin family gene(s) in Pashmina goat (Capra hircus)	06-06-20	
	ChaudharyStanzin NamtakStanzin NamtakChandi PrasadRama KumariSushma SinghChanresh ChandelPawan Singh RanaMohd RashidSudesh KumarBijendra KumarBijendra KumarRashmi RawatMohd. Zahier KhanShepali ChalotraAlauddin	Affecting Naturally Growing Medicinal Plants of Kotdwar Bhabar in Garhwal HimalayaSheetal ChaudharyBiodiversity and Interaction of Physico-Chemical Variables of Himalayan Wetland Deoria TalStanzin NamtakTraditional Ecological Knowledge for Management of Natural Resources in Trans- Himalayan Leh, LeadakhChandi PrasadNatural Resources of The Kedarnath Valley: Status, Conservation and ManagementRama SinghBiodiversity and Physico- chemical Dynamics of water of Sacred Lake Prashar, Himachal PradeshSushma SinghLimnology of High Altitude lake dodi tal Garhwal himalyasChanresh ChandelMolecula Characterization and stability analysis of cytiplasmic Male Sterile line of PepperPawan SinghStudy on Phytochemical compounds, Antioxidant activity and genetic Diversity of Coleus forskohlii form Garhwl HimalayanMohd RashidFish Biology of Mastacembelus Armatur (Lacepede) from river Nayar Garhwal himalaya UttarakhandSudesh KumarA Study on avian Ecology of Temperate forests of Garhwal Himalayaa (Western Himalayan) UttarakhandBijendra KumarThe Impact of Rainfall on the Development and Survival of Malaria VectorsRashmi Rasessment of bacterial diversity and community succession in a hot and a cold suplhur spxing of Garhwal HimalayaMohd. Zahier KhanMorphometric and molecular systematic study of drosophilids from Jammu regionShepali ChalotraEcological Status of Lower Stretch of Song River, Doon Valley, UttarakhandAlauddinBiological Evaluation of Selected Natural Isoflavonoids on Gastric & Hepatic Disorders in Sprague dawley Rats<	



#### Hemvati Nandan Bahuguna: The Glorious Son of Himalayan

Revered late Sri Hemvati Nandan Bahuguna ji was a vibrant, dutiful and timetranscending leader who had enhanced the glory of not only his motherland Garhwal but of the entire nation. Establishing academically meaningful existence and identity, our University, was rechristened as Hemvati Nandan Bahuguna Garhwal University to earn same name and fame. On the auspicious occasion of its 8th convocation the University pays humble tributes to the great Son of the Soil with great reverence.

Respected as popular national leader sri Bahuguna ji was born in village Bughani, District Garhwal of the then United Province [ now Uttarakhand] on 25thApril 1919. He had his early education from various primary Schools situated in the hilly areas like Guptakashi, Shilaunja and Devalgarh. After passing class VIII from schools at Khirsu and Unkhimath, he took admission in DAV school in class IX. In 1938 he passed High School in first division and scored distinction in three subjects. After completing his Intermediate from the Government Inter College Praygaraj in first division, he took admission in Allahabad University and graduated with first division.

In the young student life, he was very rational, logical and vibrant. Sri Bahuguna ji was a nationalist and had an orientation towards patriotism right from his student life. At that time, India was under the colonial British rule and the determination to liberate the country invoked his political consciousness. Consequently, on the national and international canvas, he emerged as strong personality striving for India's independence. In the persisting situation of those days Anand Bhawan at Prayagraj [Allahabad] was the rendezvous for dialogue and discussion on Indian politics. The political life of Sri Bahuguna was groomed by the political activities of the Nationalist thinkers like Pt. Jawahar Lal Nehru, Sri Lal Bahadur Shastri, and Purushottam Das Tandon. Due to his determination and devotion towards the focused aim, he become close to Jawahar Lal Nehru.

Since he had unconquerable capacity of student leadership, thus he took over the reins of Students' Union during the Quit India Movement in 1942. During the independence movement he was declared a revolutionary and the British Government announced a reward for getting him arrested alive or dead. As a result, he went underground. Later, he was arrested in 1945 and sent to Anhat Jail at Sultanpur. After one year he was released from jail and thereafter he registered his presence as a labour leader with the leadership of the Labour Sabha in Allahabad.

Late Sri H.N. Bahuguna was an in-depth scholar and nationalist thinker. He had a vast cosmic vision. With the establishment of Students' Congress in 1946, he joined the organization as the Vice President along with Ms. Aruna Asif Ali and Ms. Purnima Banerjee. He was the staunch supporter of 'Sarvdharma Sambhav' (Equal Respect of All Religions) and Saamajik Samata (Social Equality). As a visionary politician focused and devoted to the welfare of the poor, the farmers and the labourers, he established himself as great leader among the topmost leaders of the post independent India. He successfully passed through all the political stages and continuously got elected to Vidhan Sabha of Uttar Pradesh first time in 1952, with huge margin from Karchana (North), Chail (South) of Allahabad, and joined Uttar Pradesh Assembly as a Member. In 1953, he became a member of the Indian Trade Union Congress and simultaneously established the progressive weekly 'Pukaar' published from Prayagraj. In 1957 assembly poll, he won from Sirathu and he was given the responsibility a parliamentary secretary in the state's Ministry of Labour and Social welfare. Later, he was elevated as a Deputy Minister for Industries in Government of Uttar Pradesh in 1962.

In 1964, with the death of Pt. Jawahar a change in the values nationalism and political events was witnessed and Indian politics started taking a new turn under the leadership of Smt. Indira Gandhi. Bahuguna ji immensely contributed for providing political stability to Smt. Indira Gandhi. In 1967, he became the Finance and Transport Minister in Uttar Pradesh. Influenced by his working efficiency, Smt. Gandhi inducted him in her cabinet as the State Minister [Independent charge] for Communication in 1971. During his tenure, he developed modern communication system by opening new vistas for the progress. The hilly areas, neglected for years, were also benefited by this.

After winning the 1971 Lok Sabha election from Prayagraj, he became the main proponent of politics of the center. During this time, a serious political turmoil in Uttar Pradesh occurred and Smt. Indira Gandhi assigned him the responsibility of the Chief Minister of Uttar Pradesh in 1973 to deal with it. During two years of the Chief Minister, Sri Bahuguna ji accomplished all round development of the state. Besides this, he held important positions like Union Minister of Petroleum, Chemicals and

Fertilizers in the cabinet headed by Sri Morarji Desai in 1977 and he was made Union Minister of Finance in the cabinet of Chaudhri Charan Singh in 1979.

Although the political life of H.N. Bahuguna is saga of struggle, full of ups and downs but amidst all the obstacles, he made his journey like the perennial river Ganga, and never conceded defeat in his life. His clear-cut objective was to immerse his 'self' in the interest of national welfare and kept him away from parochial interest. His personality reflected the vivacity and vastness of Himalayas. His politics was motivated by the universally accepted ideals of humanity, society, the state and the nation. The unconquerable warrior in the field of action [Karma] and the glorious son of the Himalayas left for his heavenly abode on 17<sup>th</sup> March 1989 while undergoing heart surgery. He was cremated at his workplace at Prayag Sangam and his ashes were immersed at the ancestral cremation ground on the bank of Alakananda river in Garhwal.

It was only due to his inspiration and efforts that Garhwal University was established in the year 1973 and after inception of Garhwal University, the first convocation was held in 1979 in which Sri H.N. Bahuguna was conferred 'Honoris Causa' with D. Phil. Degree. Sri Bahuguna Ji would always be remembered for the perseverance and commitment towards the growth and development of Garhwal University as well as for the energy spread by his unending consciousness. For the symbolic glorification of his name, the University's name was rechristened as H.N. B. Garhwal University from 25th April 1989 onwards which was upgraded as the Central University on January 15, 2009 by an Act of Parliament i.e. the Central Universities Act 2009.

Therefore, getting inspiration from this great glorious personality, all of us should draw energy for the development and progress of state and country from his ideals. We must accomplish our duties regarding Learning, Teaching and Research in the divine light of his ideal persona and contribute our share in the development and progress of the Nation. And, our determination in this respect would be the real tribute to the glorious son of Garhwal Himalaya.



### Srinagar Garhwal: A Historical Background

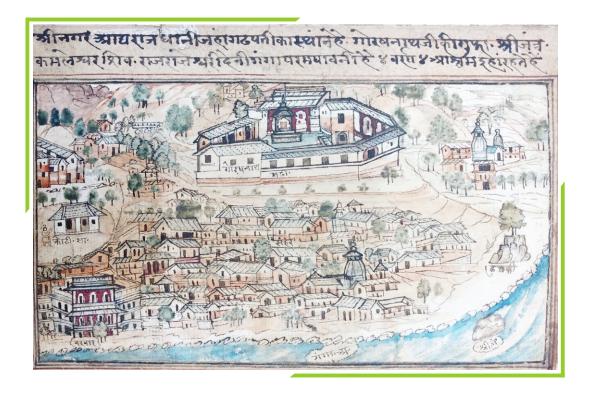
In ancient scriptures, Garhwal region has been stated as Tapobhumi, Himvant, Badrikashram, Uttarakhand and Kedarkhand. In Skandapuran, Kedarkhand (Garhwal) has also been stated as 'Swargbhumi' (Land of Heaven). From ancient era, as it has been the sanctum sanctorum for the Hindus to practice asceticism for spiritual peace. The source of the life-giving rivers of India -Ganga and Yamuna, the Garhwal region has been, directly or indirectly, influencing the Indian culture for centuries. The Himalayas and its rivers, originated from herewith, have special importance in the mind of people since Vedic period onwards. The famous pilgrim centres Gangotri, Yamunotri, Badrinath and Kedarnath had been established near the sources/originating places of these rivers. As it is situated in the centre of Garhwal region, Srinagar has been the centre of governance and political powers of this region. During ancient period, it was famous as Sripur and has been considered as the centre of practice to gain prosperity and wisdom (Laxmi-Vidya). Jagatguru Shankaracharya had also attained enlightenment at Srinagar.

During medieval period, this place was the centre of Panwar kingdom. During last decade of the 15th and first decade of 16th Century, Garhrajya was integrated by the king Ajaypal, after winning more than 52 earlier established Garhis, integrated into united one (Gadhrajya); and its capital was established at Srinagar, with the construction of huge and splendid palaces. This place is the prime township situated en-route to the shrines of Badrinath and Kedarnath where worshiping places of other religions, have also been built along with the temples for Hindus.

The grandson of King Ajaypal, Maanshah, further also enhanced the glory of this township. He built Raj-rajeshwari temple and a palace named Maanpur on the bank of river Alaknanda. Thus, Srinagar remained famous as the capital of Pawar Kings. It was the cultural centre of medieval India. On the basis of historical evidences, this place was visited by Jagadguru Shankaracharya and Gorakhnath.

Present Bhaktiyana locality of the town is evidence of the fact that during the medieval period of bhakti movement, this place was abode or *Bhakti+Ayan* of the devotees (bhakts). The location of Sri *Yantra* and presence of *Shankaracharya Math* etc., in the Srinagar is the testimony of cultural, religious and spiritual grandeur. King Mahipat Shah built *Keshavrai math* which is famous in Srinagar as a symbol of *Vaishnav Bhakti* (devotion). It is also evinced that King Prithvipati shah got Madhavdas, the founder of Ramabhakti, settled at Srinagar. Thus, in the field of religion and faith, a harmoniously synthesized form of various religious beliefs can be seen here. The temples such as *Raj-rajeshwari, Kamleshwar, Gorakhnath gufa, Keshavrai math, and Sri Raghunath Mandir* present here, have been related to various

religious sects of Hindu religion i.e., Shakts, Shaivas, Nathas and Vaishnavas respectively. The historical evidences proves that Srinagar (Garhwal) has been the region of meditation for the followers of various sects of Hindu religion. All such spiritual ideologies have influenced Srinagar directly or indirectly.



During Prithvipati Shah regime, Garhwal School of painting (Garhwali Painting) was also developed here. In this period famous painter from Delhi Darbar visited to Srinagar. Later on, this tradition was carried forward by the highly renowned painter and poet Molaram, who enriched and enhanced the cultural tradition and heritage of the Srinagar town.

This historical town of Srinagar attained the glory of being the capital of united Garhwal for approximately 255 years (1548-1803CE). This town often suffered due to several natural disasters and calamities such as flood and earthquake. In 1803, the town was badly smashed and shattered due to earthquake. Further on August 25, 1884, the deluge caused by the breaking of Gohana lake washed away the entire town. Therefore, in 1894 the map for the new Srinagar was outlined at a higher elevation by the then collector E.K. Pauw. On this basis, the present Srinagar has been developed in quadrilateral configuration.

Srinagar is located on the left bank of Alaknanda river at an elevation of 560 metres (1,837 feet). Its latitude and longitude distribution is between 30.22°N to 78.78°E. The shape of Srinagar is based on serpentine flow of Alaknanda river and the

and the land developed by it. *Due to evenly formed landscape, the newly constructed campus of the University is known as 'Chauras Campus'*. As located in a wide Valley of the lower Himalaya the climate of Srinagar falls in the category of Subtropical climatic condition. The population of this town and the towns nearby has been increased to more than 50,000 at present due to continuous migration from other parts of Garhwal region, which was 2091 in year 1901.



Being the hub of educational, cultural and political activities Srinagar is continuously heading towards progress. Keeping its external and internal in view or organisational maps, University was established in this town. During a long span of 47 years of its establishment in Srinagar, the symbol of higher education, Hemvati Nandan Bahuguna Garhwal University, after being upgraded to Central University in 2009, is constantly moving forward on the path of progress and development. At present, for Technical Education the National Institute of Technology and for medical education Veer Chandra Singh Garhwali Government Institute of Medical Science and Research have been established at Srinagar.

Education is the only basis of progress of any region, state or nation. Thus, it would not be an exaggeration to say that the Lower and Higher educational structure of Srinagar has enhanced the glory of entire Uttarakhand and constant process of discovering new dimensions of progress is continued. Consequently, this place is now famous as a strong, well planned, structured and important centre of education.

## About Hemvati Nandan Bahuguna Garhwal University

- Established as a State University in 1973; Converted to Central University in 2009
- University Campuses: 03 (Srinagar- Chauras, Pauri, Tehri)
- Affiliated Colleges: 118; More than 1 lakh students
- Approved Faculty strength: 468
- Approved Non- Teaching strength: 860

#### Schools of Studies (11+03)

- Agriculture and Allied Sciences
- Earth Sciences
- Life Sciences
- Sciences
- Engineering and Technology
- Arts, Communications and Languages
- Humanities and Social Sciences
- Commerce
- Education
- Law
- Management
- Dental Sciences
- Medicine
- Ayurveda &Unani System
  Departments-49
  In Campus Students- More than 13,000

#### **Status of Infrastructure Development**

Campus	Land Area (acres)	Built-up Area (m²)
Birla Campus Srinagar Chauras Campus Srinagar B.G.R. Campus Srinagar S.R.T. Campus Srinagar Other	49.168 168.210 25.000 18.160 7.400	47,250 1,09,870 17,220 29,220 80
Total	267.938	2,03,690

#### **Plan for next five years**

- Approved by Building Committee and UGC Standing Committee: Extension of Girls hostel at Srinagar (Estimated cost 1630.78 Lakhs), Construction of Canteen/Student Facility Centre, Pauri (Estimated cost 256.95 Lakhs). In addition, Faculty Development Centre (FDC) (Estimated cost 390.00Lakhs) is allocated by MHRD
- Schemes allocated by UGC for which drawing/designing has been completed and financial allocation has also been made: Library building, Chauras, Laboratories and new specialization under Science at Tehri.
- Proposed: Extension of hostel facility for boys and girl, Examination & Evaluation halls in the Campuses, Residential facility for Teaching & Non teaching staff. Departmental block for Biotechnology, Microbiology, Biochemistry, Science block for B.Sc etc.

#### **Academic Ventures**

Establishment of the Indian Himalayan Central Universities' Consortium (IHCUC) 2020. With the innovative vision of the present Vice-chancellor Prof. Annpurna Nautiyal to conduct research for One Himalaya and its people and inspiration, active support and constant encouragement by the Hon'ble Union Minister of Education Sri Ramesh Pokhariyal Nishank Ji, the University has established Indian Himalayan Central Universities' Consortium (IHCUC). The first meeting to lay the foundation of this consortium was chaired by the Hon'ble Union Minister of Education Sri Ramesh Pokhariyal Nishank Ji on December 1, 2019 in the gracious presence of Hon'ble National Security Advisor Shri Ajit Dobhal Ji, Kirti Chakra, and Hon'ble Chancellor Dr. Yogendra Naraian Ji, IAS (Ret.) respected members of the EC, AC of the University and the Vice-chancellors of IHCUC.

The IHCUC has been authorized by Niti Aayog, New Delhi to conduct studies on five thematic areas; Enumeration and valuation of the economic impacts of Female labour in the Hills; Agro- ecology in Himalayan States with special emphasis on marketing; Development of eco friendly and cost effective tourism in Hills; Opportunities of livelihood to check migration from Hills; Water conservation and harvesting strategies. The HNB Garhwal University, Nagaland University, Mizoram University, North Eastern Hill University, Sikkim University, Assam University, Tezpur University, Rajiv Gandhi University, Manipur University, Central University of Jammu, Central University of Kashmir, Central University of Himachal Pradesh, Tripura University and CSIR-IHBT, Palampur are the partner institution of the consortium. The Ministry of Education has allocated an amount of 2 crore for the Consortium vide f. no. 53-2/2020(CU) dated 9 Oct.2020.

Ongoing projects: Total : 40 Projects are allocated to faculty members of various departments with an outlay of Rs: 12,92,87,000/- (Rs. Twelve Crore Ninety-Two Lacs Eighty-Seven Thousand) only. These projects are funded by various National and state level agencies.

**MoUs**: The University has signed MOUs with 26 organizations for research and academic exchange which prominently include prestigious institutions/organizations like, South Asia Institute (SAD), Ruprecht -Karis University, Heidelberg, Germany, University of Haifa, Haifa, Israel, University of Copenhagen, Denmark, University of Applied Forest Sciences, Rottenburg, Germany, Texas Tech University, Texas, USA, CSIR-National Botanical Research Institute, Lucknow, Indian Institute of Technology, Kanpur, , Bhabha Atomic Research Centre (BARC), Mumbai, Govt. of Uttarakhand, Mission for Sustaining Himalayan Ecosystem (NMSHE), DST, Delhi, University of Missouri, University Francis Rebelais, Tours, France, Wadia Institute of Himalayan Geology, Dehradun, Bhaba Atomic Research Centre (BARC), Mumbai, CSIR-IHBT, Hamirpur, Palampur, Himachal Pradesh, and with 13 Central Indian Himalayan Universities.

**Research publications**; During last one year the faculty members have published a total number of 270 research papers out of which [117 in 2019 and 104 in 2020) have been published in Scopus Research Journals. 57 seven chapters in books, and 14 books have also been published by the Faculty members.

Efforts for On Line Teaching Learning, Examination and Admission: The COVID-19 posed a very serious challenge as the university was not geared up for online teaching and learning but within no time it was picked up and students were imparted on line education to complete their courses. To conduct Examination was also a challenge as due to lack of online facilities the university had to conduct in person examination of nearly 48,000 students of final semesters. With the guidance and able leadership of the Union Minister of Education Shri Ramesh Pokhriyal Ji the university took the challenge and despite severity of COVID the examination for 2019-20 session were conducted in person mode in 130 centers in the month of September very successfully with full COVID protocol and SOP. The results have also been declared and the classes for 2020-21 sessions have also started in online mode. The admission process is also online which provides a good learning for admissions in the same model for future sessions also. The development of LMS by the university is also an important effort to meet out the challenge of the online teaching and learning process.

**Library upgradation and Acquisition**: During 2019-20, the University Library has procured many e-resources for the benefit of our students, researchers and faculty. And all these resources are accessible from our e-resource labs and departments. It has added 2690 e-books, 409 e- journals and databases like SCOPUS, India Stat

and Manupatra. Now more than 10400 e-books are available and accessible to our users community. Central Library has also procured State-of-Art digital scanner for digitization of rare books and theses of our University. Library automation process is under way.

**Contributions to online courses**: University is hosting two SWAYAM MOOCs "Academic Writing" and Industrial Pharmacy through which more than 36000 learners from more than 85 countries are getting the benefit. The Faculty members have also contributed For SWAYAMPRABHA by recording 68 hrs. Lectures covering approximately 100 e-content in Pharmaceutical science and Philosophy.

**Innovative Practices**: the University has taken up several innovative practices like SAIR-SALIKA, UMANG, prepared a documentary for popularizing Himalayan travel route of Swami Vivekanand, collection of books on various themes from states under 'Ek Bharat Shreshtha Bharat' and publication of books focused on local product and produce under our Hon'ble Prime Minister's call for 'Vocal for Local'. The university faculty is also actively involved in 'Namaami Gange', 'Unnat Bharat Abhiyan' and several other programs through NSS and NCC Units.

**Social and Corporate Responsibility:** The University authorities, administration, faculty members and staff are involved in taking up social and corporate responsibilities in systematic way. The development of Green areas in the campus, cleanliness, waste management and sanitization, demonstration units for education of community are some of the examples. The Physics department of the University is pursuing research for better understanding of aerosol-cloud-radiation-rainfall-climate interaction to make reliable predictions of weather and climate as well as better predictions of lighting and thunderstorm in Uttarakhand.

**Best Practices :** Keeping in view the necessity of the time the university's innovation cell has made a low cost sanitization tunnel for our administrative building to meet the challenge of COVID-19, the engineering and instrumentation center has also fabricated UV chambers for sanitization of official files, stationery and other gadgets. The low-cost sanitization tunnel will also be installed in the schools of the adopted villages by the University under the 'Unnat Bahrat Abhiyaan' of Government of India.

On the initiative of the Hon'ble Education Minister Shri Ramesh Pokhriyal Nishank Ji the office of Chief Project Manager, Rishikesh-Karnprayag, New BG Rail line project has agreed in principal to dump the disposable waste material in the damaged areas of Outdoor Stadium, Chauras Campus of the University (which was damaged during the 2013 floods) which will also be protected and reconstructed by it later on.

Notes	
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# विश्वविद्यालय की शैक्षणिक, सामाजिक एवं सांस्कृतिक गतिविधियां











































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# **Committee for the 8<sup>th</sup> Convocation Ceremony**

-: Coordinator of 8th Convocation :-

#### **Coordinator**

Prof. R. C. Chamola Department of Physics, SRT Campus, Tehri

#### -: Online mode, Venue, Stage & Overall Facilities :-

#### **Convener**

Prof. Y.P. Raiwani Dean Engineering, Convener

#### Member

Prof. Dinesh Prasad Sakalani Prof. Rajpal Singh Negi Prof. M.S. Negi Dr. Guddi Bisht Dr. Deepak Singh Bhandari Dr. Mamta Arya Dr. D.K. Rana Dr. Premnath Mr. Varun Barthwal Dr. Preetam Negi Shri Sanjiv Srivastava Sh. H.M. Azad, DR (Teaching) Dr. Sarvesh Unival Shri Pradeep Mall Er. Naresh Khanduri Er. Mahesh Dobhal Shri. Sudhir Nautiyal Mr. Mohan Naithani

#### -: Publishing, Printing & Invitation :-

<u>Convener</u> Prof. Indoo Khanduri

Member Dr. Rakesh Kunwar-Dr. R.S. Fartiyal Dr. Prashant Kandari Dr, Ashutosh Gupta Dr. Jitendra Dr. Laxman Singh Kandari Dr. Himshikha Gusain Dr. Subash Chandra Dr. Nagendra Singh Rawat Dr. Sanjay Dhyani, DR (Admin.) Dr. Vijay Pal Singh Bhandari, SO (Accounts)

#### -: Media :-

<u>Convener</u> Prof, M.M. Semwal

#### <u>Member</u>

Dr. Vijay Jyoti Dr. Sarvesh Uniyal Mr. Mohan Naithani Shri Ashutosh Bahuguna Dr. Naresh Rana Dr. Naresh Kumar

#### -: Degrees :-

<u>Convener</u> Pro. R.C. Bhatt

<u>Co-Convener</u> Mr. Anis-uz-Zaman, DR (Exam)-

#### <u>Member</u>

Shri Arvind Kumar, AR (Exam) Dr. Narendra Rawal Section Officer (Degree) Section Officer (Exam) Shri Sandeep Rawat, TA

-: Medals :-

<u>Convener</u> Prof. P.S. Rana, DSW

#### <u>Member</u>

Prof. Monika Gupta Prof. S.C. Bhatt Dr. A.K. Mohanty, Finance Officer Dr. Savesh Uniyal Dr. Mohan Naithani Dr. Ashok Kumar Dr. Narendra Rawal DR (Academic) Section Officer (Academic) Section Officer (Exam) Section Officer (Confidential)

#### -: Discipline :-

<u>Convener</u> Prof. Arun Bahuguna (All Proctorial Board)

#### -: Finance (Overall Administration):-

<u>Convener</u> Prof. N.S. Panwar, Registrar

#### <u>Member</u>

Dr. A.K. Mohanty, FO AR (Account) SO (Account)

#### -: Cultural :-

<u>Convener</u> Prof. M.S. Panwar

<u>Member</u> Dr. Ajit Panwar Mr. Sanjay Pandey

#### -: Anchoring :-

Dr. Prashant Kandari Dr. Himshikha Gusain Dr. Shweta Verma

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# अष्टम् बीक्षान्त समारोह Eighth Convocation

01 दिसम्बर, 2020 December 01, 2020