



KUMAUN UNIVERSITY, NAINITAL

NAAC Accredited 'A' Grade University

PROSPECTUS
(2020-2021)

www.kunainital.ac.in

FROM THE DESK OF THE VICE CHANCELLOR

I feel honoured and humbled to be placed here at Kumaun University as a Vice Chancellor. Being here makes me nostalgic for the exciting days I had spent here as a student in the early 80s. It gives me immense pleasure along with the sense of great



Prof. N.K. Joshi
Vice Chancellor
Kumaun University Nainital

responsibility to do my best for my own institution. I have a very strong affinity towards the place as well as the institution, as it has played an important role in where I stand today as a person and as an academician.

Kumaun University has not only been a place for students to learn but also to grow tremendously in diverse aspects of their lives. The University holds great pride in being a part of the lives of many students who have excelled in their disciplines and are actively contributing to the progress of society. I wish that the coming generation of students will also follow in their footsteps and reach new heights.

Kumaun University has been able to provide its students with high-quality teaching because of the highly qualified faculty. Our teachers are actively engaged in the endeavors of teaching and learning and publishing their research. Many of our faculty have also been the students of this institution.

The University has traditional courses in various disciplines and it also offers an exciting range of contemporary courses keeping in mind the employability of our students. The University, with its impressive academic potential, provides a great opportunity for doctoral and post-doctoral candidates. Kumaun University has got large campuses and very comfortable hostels. Other than the teaching-learning activities, the university also provides opportunities for various extra-curricular activities as we aim to ensure the all-round development of our students.

The Covid-19 pandemic has created a new set of challenges in teaching and learning. Despite these new challenges, we have been successful in making learning activities available to all our students through online platforms and other medium. Even in this difficult time, we are firmly committed to providing our students with quality education and skills that will help them grow not only in academics but also develop their personality. Our objective remains to contribute to the all-round development of our students, to develop a scientific temper in them, and to see them grow in a character full of wisdom, humility, and compassion so that they are not only employable but can live a life of purpose.

Best wishes
Prof. N. K. Joshi

INFORMATION REGARDING COURSES OFFERED

I. FACULTY OF ARTS

There are 15 educational departments in the Faculty. In language and Literature group at Graduation and Post Graduation level Sanskrit, Kumauni, Hindi and English; in Social Sciences group, Sociology, Economics, History, Geography, Political Science, Yogic Science, Journalism and Psychology, in Arts group Drawing and Painting, Music, Home Science and in Science group Mathematics, Statistics and I.T. Subject are available for study and facility of high level research is available under the faculty.

COURSES AND SUBJECT COMBINATIONS AVAILABLE

GRADUATE COURSES

B.A.

- (i) The candidate has to appear in the exam of the compulsory paper "Environmental Sciences" in the 4th Semester.
- (ii) The candidate must choose one compulsory paper on any language from English, Hindi and Sanskrit in both I and II Semester.
- (iii) The candidate has to opt three optional subjects out of the five groups given below, selecting only one optional subject from one group.

The five groups of optional subjects in B.A. are as follows:

Group A	Group B	Group C	Group D	Group E	Group F	Group G
1. English Literature 2. Sankrit Literature Kumaoni Bhasa	1. Economics 2. Psychology 3. Drawing & Painting 4. Home Science 5. Anthropology 6. Physical Education	1. History 2. Geography 3. Music 4. Information Technology 5. Statistics 6. Military 7. Yoga	1. Sociology 2. Education	1. Hindi Literature 2. Mathematics	1. Political Science	1. Hindi Language 2. English Literature 3. Sociology

The candidate taking admission in the university campus/colleges will be able to choose only those subjects from the groups which are available there.

(a) Foundation Course

It is mandatory to opt for English Language or Hindi Language or Sanskrit Language as the foundation course in B.A. I Year (Semester I and II respectively). The candidate must opt for any one out of the above three mentioned foundation course. (Foundation course is not mandatory for B.Sc. and B.Com candidates).

POSTGRADUATE COURSES

Following subjects are available for learning teaching in the postgraduate level:-

- MA (ENGLISH)
- MA (SANSKRIT)
- MA (HINDI)
- MA (MATHS)
- MA (PSYCHOLOGY)
- MA (ECONOMICS)
- MA (HISTORY)
- MA (POL SCIENCE)
- MA (GEOGRAPHY)
- MA (SOCIOLOGY)
- MA (MUSIC)
- MA (DRAWING)
- M.A. (DEFENCE STUDIES)
- MA (HOME SCIENCE)
- MA (EDUCATION)
- P G DIPLOMA IN TOURISM & HOSPITALITY, DIPLOMA IN JOURNALISM AND MASS COMMUNICATION, P G DIPLOMA IN YOGA & ALTERNATIVE THERAPIES

- M.A. IN YOGA & ALTERNATIVE THERAPIES
- P.G. DIPLOMA IN GUIDANCE & COUNSELLING
MASTER OF JOURNALISM AND MASS COMMUNICATION
MASTER OF FINE ART
MASTER OF SOCIAL WORK
- P.G. DIPLOMA TOURISM

MASTER OF ARTS IN APPLIED PSYCHOLOGY (SELF-FINANCE MODE)

P.G DIPLOMA IN MULTIMEDIA AND MASS COMMUNICATION
(SELF-FINANCE MODE)

Following rules will be followed in the admission to post graduate level in different subjects under the faculty of Arts:-

- (1) The students passing B.Sc. and B.Com with a second division will also be eligible for admission to Postgraduate programmes/subjects in the Faculty of Arts with the exception of those subjects having practical courses/papers in the syllabi.
- (2) The graduate students from the Arts Faculty will be allowed to take admission in any of the postgraduate programmes/subjects with practical courses/papers in which they have appeared for the graduate degree examination.
- (3) For admission to one year P.G. Diploma in Tourism, the minimum requirement will be 40 percent marks in graduate level and 45 percent in the postgraduate level from any of the government established colleges and the eligibility will be based on the merit list of the entrance examination for the same.

II. FACULTY OF SCIENCE

GRADUATE COURSES

B.Sc.

- (I) The candidate has to appear in exam of the Compulsory Paper of "Environmental Sciences" in the 4th Semester.
- (Ii) A student has to opt "total three optional subjects out of the Four (04) groups given below", selecting only one Optional Subject from one group.

Mathematics Groups

Group A	Group B	Group C	Group D
1. Mathematics	2. Physics	1. Chemistry 2. Computer Science 3. Economics 4. Information Technology 5. Geography 6. Military Science	1. Geology 2. Statistics

Biology Groups

Group A	Group B	Group C	Group D
1. Botony	1. Zoology	1. Chemistry 2. Economics 3. Information Technology 4. Geography 5. Military Science	1. Geology 2. Forestry

POST GRADUATE COURSES :

The courses on the following subjects are offered provided that the subject course must have been studied by the candidate at the graduate level.

- MSC (MATHS)
- MSC (PHYSICS)
- MSC (CHEMISTRY)
- MSC (ZOOLOGY)
- MSC (BOTANY)
- MSC (STATISTICS)
- MSC (GEOLOGY)
- MSC (FORESTRY)
- MSC (COMPUTER SCIENCE)

- MSc (IT.)
- MSc. DEFENCE STUDIES
- P G DIPLOMA IN COMPUTER APPLICATION
- M.Sc. H. SC. IN TEXTILE AND APPAREL DESIGNING
- M.Sc. (HOME SCIENCE) FOOD & NUTRITION
- M.SC. IN REMOTE SENSING AND GIS
- DIPLOMA IN INTELLECTUAL PROPERTY RIGHT (IPR) (SELF-FINANCE MODE)
- L.L.M

Note:

For admission to the postgraduate level in more than one subject, the candidate will have to submit separate admission form for each subject. In no condition the form submitted in one department will be transferred to another department for the purpose of admission.

III. FACULTY OF VISUAL ARTS

Faculty of Visual Art of Kumaun University is a unique Faculty in Uttarakhand, India. It has established to promote the studies of Drawing and Painting in the broader way and other inter-related subjects. The Faculty has launched its new professional self-finance courses BFA and MFA. The Faculty also offers research programs. The Department of Painting as well as the faculty both is committed to train the sophisticated creative art practices through its programme in the painting stream/subjects.

Regular courses of B.A. and M.A. in Painting are run in the two campuses at Almora and Nainital including more than five affiliated colleges while BFA and MFA in Painting course run in the Almora Campus only. Recently Gyanarathi Media Kashipur has launched BFA.

In our department/faculty students learn to create an image using any of the wide variety of tools and techniques in dry media, such as, graphite pencils, charcoals, pen and ink, markers, inkers, brushes, wax colour pencils, crayons and pastels in drawing. The use of applying pigment in a carrier or medium and a binding agent/glue on a two dimensional surfaces such a paper, canvas and a wall is learnt in painting. Computer Graphics, Photography and Clay modeling are also taught in this course. Finally they learn practical and adequate theory of the subject's with further scope of research and freelancing. Faculty/Department has organized several activities - lectures, workshops, seminars and exhibitions time to time. Number of literature has been published in the form of monograph, books and catalogue on art including tribal, folk and culture. Faculty members availed minor and major research projects from the UGC and fellowship from Korea Foundation. In 2016, the prestigious Fulbright Specialist Programme was availed by us for the faculty/university inviting to Professor Valentina DuBasky from USA.

Practices training and teaching facilitated by our best and experienced colleagues, coordinator of Fine Art, teachers including guest faculties. Maximum of our students from the faculty has been placed in the Government/Semi Government jobs especially for teaching as well as freelancing in their respective field.

COURSES:

(All the courses in this faculty are being taught)

1. Bachelor of Fine Art (BFA in Painting)
2. Master of Fine Art (MFA in Painting)
3. Bachelor of Fine Art (BFA in Applied Art) and (BFA in Sculpture) are proposed.

IV. FACULTY OF COMMERCE

The Department of Commerce was established in 1960 as a Department in D.S.B. Government College which was at that time affiliated to Agra University. The Department initiated the first B.Com. session in 1960-61. The encouraging response and enthusiastic students stimulated the faculty to introduce commerce at Post-Graduate level from 1966. Department of Commerce carved out an unparalleled history of growth and academic excellence making Commerce as one of the most sought after course attracting meritorious students in the hilly region of Uttarakhand. The Department was later affiliated to the D.S.B. Campus of Kumaun University Nainital. Due to a surge in enrollments a separate building was constructed for the Department at Nainital in 1974. Upgrading its curriculum with the changing times, the Department focuses not only on the academic excellence of the students but on the overall development of the students. The graduate and postgraduate courses are based on semester-system laying emphasis on tutoring students through lecturing & class discussions and assessing students through assignments, project-work, power-point presentations, tests, examinations, Dissertation and viva-voce. All these increase the student participation and help students with skill and personality development.

Apart from imparting theoretical knowledge, the Department also focuses on the all-round development of the student which helps them later in the corporate world. The Department organizes numerous extra-curricular activities like guest-lectures, classroom seminars, intra-department competitions, etc.

The Alumni of the Department are working in Government departments as administrators and accountants and in various reputed organizations in the private sector, as successful corporate managers, chartered accountants, company secretaries, IT professionals, academicians etc. in India & abroad.

Presently, the Department runs following courses -

COURSES

1. B.Com & B.Com (Honours): Duration-Six Semester Course
2. M.Com: Duration-Four Semester Course
3. Certificate in Computerized Accounting: Department of Commerce, D.S.B. Campus, Nainital Duration- 6 months (July to December), will be operated only on the availability of finances/academic resources.
4. Bachelor of Business Administration (B.B.A.): Self financed is Duration- 3 Years

Semester System course. The Eligibility is a score of minimum 40 percent in the Intermediate examination.

5. Master of Business Administration (M.B.A. Studies): at S.S.J. Campus, Almora.

Note: For B.Com

- (i) The candidate has to appear in the examination of the compulsory paper of "Environmental Sciences" in the 4th Semester.
- (ii) The candidate has to study four papers in each semester.

V. FACULTY OF MANAGEMENT STUDIES

Department of Management Studies Sir J.C. Bose Technical Campus, Bhimtal

COURSES

1. The MBA (F.T) programme is approved by the All India Council for Technical Education (A.I.C.T.E.) And we are the only State University in Uttarakhand to have such Programme.
2. MBA
3. Integrated BMS-MBA
4. MBA specialization.

FMS offers career guidance and assists students to attain their career objectives by helping them in securing desired placements, prepares them for advanced courses as well as gives entrepreneurship guidance

VI. FACULTY OF EDUCATION

Established in year 1952 as a BT college through the initiative of Sri Amba Dutt Pant the department later evolved as an institution providing B.Ed. degree to prospective teachers. Still later, with establishment of Kumaun University, it became a part of the then Constituent College, which ultimately developed as one of the Campuses of Kumaun University. Post-graduate education in the field of education, in the shape of M.Ed. course, started in the Faculty in year 1976. Active in the field of providing teacher education and research since its inception, the Faculty has contributed through training

numerous teachers and educational administrators for different levels of education, and its alumni find representation in various walks of educational endeavour. The Government of Uttarakhand endowed additional responsibility to it in year 2014-15 with the establishment of Institute of Advanced Studies in Education (IASE), which is currently gearing itself for providing research and innovation components to inservice teachers in coordination with the State Council of Educational Research and Training (SCERT).

Courses being run in the Faculty:

1. B.Ed. (Two Year Programme, Semester System)
2. M.Ed. (Two Year Programme, Semester System)
3. Ph.D. in the field of Education

VII. FACULTY OF LAW

COURSES

1. LL.B: Three year Bachelor Degree Course (K.U)
2. LL.M course: Two Year Masters Degree Course (K.U)

The Faculty has a Legal Aid and Counselling Centre and also ensures its representation in the District level Legal Services Authority.

VIII. FACULTY OF AGRICULTURE, FORESTRY AND ENVIRONMENT

COURSES The Department of Forestry offers the following courses:

- M.SC. IN AGRO FORESTRY (SELF-FINANCE MODE)
- M.SC. IN SEED SCIENCE AND TECHNOLOGY (SELF-FINANCE MODE)
- M.SC IN SOIL SCIENCE (SELF-FINANCE MODE)
- M.SC. IN ENVIRONMENTAL SCIENCE (SELF-FINANCE MODE)

- M.SC HORTICULTURE (TWO YEAR PROGRAMME) (SELF-FINANCE MODE)
M.SC AGRONOMY
- P.G. DIPLOMA IN MOUNTAIN ECOSYSTEM AND CLIMATE CHANGE
- P.G DIPLOMA IN FOREST MANAGEMENT (TWO YEAR PROGRAMME) (SELF-FINANCE MODE)

- 1- B.Sc.: Semester System
- 2- Post Graduate Diploma in Mountain Ecosystem and Climate Change.
- 3- B.Sc. Forestry Four Year Degree Programme under self finance scheme

B.Sc. Agriculture started during the current session 2020-2021

IX. FACULTY OF TECHNOLOGY

Faculty of Technology of Kumaun University was established to offer the engineering & technology courses in the region with aim to provide world class quality education with strong ethical values to nurture and develop outstanding professionals fit for globally competitive environment. This faculty regulates with following objectives: Provide quality technical education with a sound footing on basic technology principles, technical skills, and innovative research capabilities. Transform the students into outstanding professionals and technocrats with strong ethical values capable of creating, developing and managing global technical enterprises.

Develop a Global Knowledge Hub, striving continuously in pursuit of excellence in Education, Research, Entrepreneurship and Technological services to the Industry and Society.

Inculcate the importance and methodology of life-long learning to move forward with updated knowledge to face the challenges of tomorrow.

With the objective and a dynamic vision, the Faculty of Technology was established in the year 1997. Presently the Faculty of Technology has one department of study namely Pharmaceutical Sciences.

Programs Offered :

- Bachelor in Pharmacy (B.Pharm.)
- Master in Pharmacy (M.Pharm.) in four Specializations
- Ph. D in Pharmacy

DEPARTMENT OF PHARMACEUTICAL SCIENCES.
Sir J.C. Bose Technical Campus, Bhimtal

1. B. Pharma
2. M. Pharma

X. FACULTY OF BIOMEDICAL SCIENCES

The faculty of Biomedical Sciences has been reincarnated from the erstwhile Faculty of Medicine in the recent past with the vision to offer multidisciplinary courses and allied health Science programmes, through which well trained skilled experts in the field of Biomedical Sciences will be generated to cater the requirements for Biomedical Sciences, related industries and society. This recently created faculty would be devoted and focused to quality training, research and development in the field of Biomedical Sciences, Forensic Sciences and Translational studies in herbal drugs, herbal cosmetics and Nanoherbals.

Presently a Centre for Excellence in Medicinal Plants and Nanotechnology is running under the faculty and few more specialized departments like Forensic Science have been sanctioned by the Govt. of Uttarakhand and these courses are likely to commence from the academic session 2020-2021.

CENTRE FOR EXCELLENCE IN MEDICINAL PLANTS AND NANOTECHNOLOGY

The Centre for Excellence in Medicinal Plants and Nanotechnology has been setup in Sir J. C. Bose Technical Campus, Bhimtal, (Kumaun University Nainital). The Centre would function as a nodal centre for research and extension activities on medicinal plants. Though in its cradle, the centre is proposed to undertake the research and academic programs in following thrust areas:-

Identifying and determining the therapeutic potential of the Himalayan medicinal plants.

Studying the folk medicinal practices and determining their biochemical and pharmaceutical validation of traditional medicinal and folk medicinal products. Determining the standardization proctols for herbal medicinal practices. Identifying biotechnological tools for the propagation, conservation and biomagnifications of therapeutic constituents.

Preparation of herbal nanoparticles and herbal nano patches Community participation programs with special reference to commercial scale production of medicinal plants empowering women folk and entrepreneurship development.

DEPARTMENT OF FORENSIC SCIENCES

The aim of department is to provide undergraduate & post graduate level study in Forensic Science with a range of professionally demanding curriculum and is enriched with professional expertise, research and scholarly benchmarks. The course material is underpinned by core science based modules and supported by Evidence based Forensic and Jurisprudence modules. The programme would allow an appreciation of the application of pharmaceutical, biological, chemical and jurisprudence principles and procedures.

Program Aims:-

1. Develop the students' interest, knowledge and understanding of Forensic Science.
2. To offer a specialist degree by providing both flexibility and choice.
3. To provide students with accessible academic support, modern learning resources and pastoral care.
4. To foster a spirit of autonomous learning, independent and critical thinking.
5. To develop a range of key skills and knowledge.

On successful completion the candidate will be able to:

1. Demonstrate fundamental knowledge and understanding of forensic and Criminological analytical and practical techniques.
2. Show understanding of the scientific approach to knowledge/interpret information and quantitative data
3. Discuss, explain and apply principles and concepts underlying techniques used in Forensics.
4. Exhibit professional application of Forensics.
5. Explain the rationale and major methodologies of Forensics.

COURSE IN ENVIRONMENTAL STUDIES

(Compulsory Undergraduate Course for all the faculties at Graduation level)

Under directions provided by the Supreme Court of India and the University Grant Commission (U.G.C.) the Environmental Studies syllabus is taught in the second year at the graduation level. You can get the detailed information regarding this syllabus via the coordinator/convener

Classroom teaching along with the field-work is included in this course. The syllabus is divided into 7 units which will be carried out through 30 lectures. The goal of this course is to promote the environmental knowledge and respect.

Note: - these grades will be awarded on the basis of the 2015 Examinations of the Kumaun University and passing (with a minimum C grade) will be compulsory.

A+	(Above 75% Marks)
A	(60-65% Marks)
B	(45-59.9% Marks)
C	(30-44.9% Marks)
F	(Below 30% Marks, Fail)

THE ADMISSION PROCESS FOR THE PH.D PROGRAMME

The PhD programme is offered in all Faculties and Departments of the University. An entrance examination is conducted for admission in PhD (Since 2010-11). Notifications regarding the examination, declaration of its results, counseling for admission are all notified on the official University Website. All additional information regarding the research rules and regulations is available on the University Website and in the SRICC office at the Kumaun University Administrative Office in Nainital.

PROFESSIONAL COURSES

LIST OF NEW COURSES FOR SESSION 2020-21

1. B.Sc. Agriculture (Four Year Course) (Self-Finance Mode).
2. Bachelor in Dairy Science (UG Course) (Self-Finance Mode).
3. M.Sc.in Agro Forestry (Self-Finance Mode).
4. M.Sc.in Seed Science And Technology (Self-Finance Mode).
5. M.Sc in Soil Science (Self-Finance Mode)
6. M.Sc. In Environmental Science (Self-Finance Mode)
7. M.Sc in Bio-Chemistry (Self-Finance Mode)
8. M.Sc Horticulture (Two Year Programme) (Self-Finance Mode).
9. P.G Diploma In Forest Management (Two Year Programme) (Self-Finance Mode).
10. Bachelor in Naturopathy And Yogic Sciences (BNYS) (Self-Finance Mode) (U.G. Course)
11. Bachelor in Physical Education And Sport Sciences (B.P.Es) (Self-Finance Mode)
12. Master of Arts In Applied Psychology (Self-Finance Mode)
13. P.G Diploma in Multimedia and Mass Communication (Self-Finance Mode).
14. P.G Diploma in Intellectual Property Right (IPR) (Self-Finance Mode)
15. Certificate/Diploma Course in German/Japanese Language. (Self-Finance Mode)
16. One year Diploma in Hospitality Management(Self-Finance Mode)
17. Certificate/Diploma Course in Kumauni (Self-Finance Mode)
18. M.sc Agronomy
19. M.sc. Bioinformatics

Note : See Appendix II for information on Fee Structure

I. COMMUNITY COLLEGE, SJCBT CAMPUS, BHIMTAL

Skill Development Courses under Pt. Deen Dayal Upadhyay (DDU-GKY) and Pradhan Mantri Kaushal Yojna (PMKY) Schemes of Govt. of India Shall Run through Community College of Kumaun University

1. Food Processing
2. Media and Entertainment
3. Banking and Accounting
4. Security
5. ICT
6. Courier and Logistics
7. Management

B.VOC. PROGRAMME

At present the following courses are being conducted in Bheemtal Campus under the Community College/B.Voc. Programme. Each course has a capacity of 50 students.

1. Hospitality Management - 03 Years
2. Automobile Technology - 03 Years
3. Food Technology - 03 Years

After the completing one year successfully, the students are given OJT (On Job Training). The students can also avail a diploma after a year and an advance diploma after two years.

Eligibility:

All applicants who have passed Intermediate from Arts, Science, and Commerce will be eligible for admission and the admission takes place on the basis of Merit.

II. DEPARTMENT OF FORESTRY & ENVIRONMENTAL SCIENCE

1. M. Sc. Forestry)
2. M.Sc. Environmental Science)
3. B. Sc. Forestry)

III. DEPARTMENT OF TOURISM

1. PG Diploma in Tourism and Hospitality: One Year Full Time
2. M.B.A Tourism(Self Financed): Two Years Full-Time, with the intake capacity of 30 students
3. Bachelor of Hotel Management (BHM): Four Years Full-Time, Semester System

IV. DEPARTMENT OF HOME SCIENCE

1. B.Sc. Home Science
2. B.Sc. Food Technology
3. B.Sc. Fashion Designing
4. M.Sc. Food and Nutrition
5. M.Sc. Textiles and Apparel Design
6. M.Sc. Food Technology
7. M.Sc. Fashion Designing

V. DEPARTMENT OF INFORMATION TECHNOLOGY

1. B.A/B.Com/B.Sc. (Six Semester Course)
2. M.Sc. (Four Semester Course)
3. Advanced certificate course in IT and PGDIT

VI. ATAL CENTRE FOR JOURNALISM AND MULTI MEDIA

Courses:

- 1- Postgraduate Diploma in Journalism and Mass Communication (PGDJMC) :Two Semesters

- 2- Masters in Journalism and Mass Communication (M.J.M.C, second year lateral entry) :One year
- 3- Bachelors in Journalism and Mass Communication (B.J.M.C): Six semesters

VII. DEPARTMENT OF SOCIOLOGY

MASTER OF SOCIAL WORK (MSW)

- Master of Social Work (MSW) Self-finance basis under the Department of Sociology at D.S.B. Campus, Nainital
- Duration of the Course- 02 years Post Graduate Degree Course Consisting of 04 Semesters of 06 months each.

VIII. CENTRE OF EXCELLENCE FOR NRDMS IN UTTARAKHAND

www.coenrdsalmora.org

M.Sc. Remote Sensing and GIS

The Remote Sensing and GIS is a newly emerging discipline developing rapidly worldwide. In view of its significance and importance in the activities of the academic community, governance, industry and civil society, it has been inducted in higher education by different Universities of the India to produce skilled human resource in geospatial technologies. Kumaun University started M.Sc. Remote Sensing and GIS Course in 2009 in its Department of Geography SSJ Campus Almora with the high-tech equipments and laboratory support of the Department of Science and Technology (DST), New Delhi under its NRDMS Programme. M.Sc. Remote Sensing and GIS is a four semester course spread over two years, and it aims at imparting state-of-the-art knowledge in Remote Sensing and GIS to meet the emerging demands of geospatial knowledge in different sectors of development.

Eligibility: Candidates should not have less than 50% marks in aggregate in Bachelor Degree with Geography/Geology/Forestry/Botany/Mathematics/Computer Science and Information Technology.

Seats: 30
Programme Fee- Rs.42,000/-annum
(i.e., Rs.40,000 programme fee and Rs. 2000/- Campus Fee).

IX. B.SC. & M.SC. AGRICULTURE **(Four Year/Eight Semester Course in B.Sc.)**

Kumaun University started B.Sc. Agriculture (4 years) degree program in the Department of Forestry and Environmental Sciences, D.S.B. Campus, Kumaun University, Nainital from the academic session 2019-20.

The B.Sc. Agriculture program has been designed according to the ICAR regulation which was passed by its Board of Studies. This course will be completed in eight semesters. In the First semester the following subject papers are being taught: Fundamentals of Agronomy, Fundamentals of Horticulture, Fundamentals of Soil Science, Fundamentals of Plant Biochemistry & Biotechnology, Introduction to Forestry, Agriculture Heritage, Rural Sociology & Educational Psychology, Elementary Mathematics/Introductory Biology, Comprehension and Communication in English, Human Values and Ethics NSS/NCC/Physical Education and Yoga Sciences.

Kumaun University has started four Year B.Sc. Agriculture Course at D.S.B. Campus nainital, from the academic session 201-2020. The objective of the establishment of the course is to provide the knowledge of agriculture field and scientific management of agricultural resources.

In Uttarakhand, Agriculture is the nucleus around which all human activities are rendered. The state Uttarakhand comprises the agricultural land in Tarai-Bhabhar and hills. Keeping in view the interest of the students, crop production and scientific management of agricultural land the University has started the course to train the students in agricultural field. The University has 26 acres of land in Krishnapur which provide the sufficient space and pleasant environment for study. The increasing human population has increased the demand of the agricultural resources viz., cereals, vegetables, pulses, spices and several other products.

The unemployment is one of the major problems of the state so these courses will develop the skill of the students for industrial development and employment generation to overcome the problem of migration from the hills. The faculty has well equipped laboratory, green house, vehicle, qualified staff, land and is surrounded by the agriculture and natural forests.

The B.Sc. Agriculture Programme has been designed according to Indian Council of Agriculture Research (ICAR) which was passed by its Board of studies Academic Council and Executive Council of the University. The course includes Agronomy, Genetes and plant breeding, Social Science, Entomology Agriculture Economics, Plant pathology, Horticulture, Agriculture Extension Physiiology, Environmental Science, Microbiology, Agroforestry, and Stalistes etc. Apart from Social Sciences, language and Physical Science, Human Value and Ethics, NCC/NSS.

पुस्तकालय एवं सूचना विज्ञान विभाग
Department of Library and Information Science

उच्च शिक्षा प्रणाली को रोजगारोन्मुख बनाने के उद्देश्य से विश्वविद्यालय द्वारा स्ववित्त पोषित पाठ्यक्रम के अंतर्गत विश्वविद्यालय के डी0एस0बी0 परिसर, नैनीताल में केंद्रीय पुस्तकालय भवन के भूतल में पुस्तकालय एवं सूचना विज्ञान विभाग की भी स्थापना की जा चुकी है। इसके अंतर्गत शिक्षा सत्र 2008-09 से पुस्तकालय एवं सूचना विज्ञान स्नातक B.Lib.&I.Sc. एवं शिक्षा सत्र 2009-10 से परास्तातक M.Lib.&I.Sc. पाठ्यक्रम प्रारम्भ किया जा चुका है। इन दोनों पाठ्यक्रमों में क्रमशः 40 एवं 25 छात्र संख्या निर्धारित है।

पाठ्यक्रम का क्षेत्र एवं उद्देश्य

आधुनिक समय में किसी भी राष्ट्र के सामाजिक, आर्थिक, वैज्ञानिक प्रगति का आधार उन्नत ज्ञान एवं सूचना साहित्य ही है। विश्व के प्रायः सभी देशों द्वारा ऐसे साहित्य के संग्रहण के लिए विभिन्न स्तरों पर बड़े-बड़े पुस्तकालयों की स्थापना की गयी है जिनके द्वारा उपयोगी साहित्य के संग्रहण, व्यवस्थापन तथा आवश्यकतानुसार इसकी पुनर्प्राप्ति (Retrieval) के कार्य में योगदान किया जा रहा है। जिसके लिए प्रायः सभी प्रकार के पुस्तकालयों यथा शैक्षणिक, सार्वजनिक, वैज्ञानिक अनुसंधान संस्थानों, वित्त एवं वाणिज्य संस्थानों के अतिरिक्त कई अन्य विभागों में आवश्यकतानुसार पुस्तकालय विज्ञान प्रशिक्षितों की निरन्तर मांग रहती है। इसके लिए अतिरिक्त राष्ट्रीय एवं अन्तर्राष्ट्रीय स्तर पर विख्यात पुस्तकों एवं पत्रिकाओं के प्रकाशकों के प्रतिष्ठानों में भी इस विषय के स्नातक एवं परास्नातक Professionals की सेवाएं ली जा रही हैं। विश्वविद्यालय द्वारा इस विभाग के अन्तर्गत संचालित स्नातक एवं परास्नातक पाठ्यक्रमों के लिए 6-6 माह के दो सेमेस्टर निर्धारित है जिनका विवरण निम्न प्रकार है-

1. स्नातक पाठ्यक्रम (B.Lib.& I.Sc.)

First Semester	Second Semester
Library & Information Society	Management of Libraries & Information Centers
Information Sources (Theory)	Information Literacy
Library Classification (Theory)	Library Cataloguing (Theory)
Library Classification (Practice)	Library Cataloguing (Practice)
Users, Information Systems and Services	ICT Applications in LIS (Theory)
Information Sources (Practical)	Information Technology (Practical)
Library Tour & Viva-Voice	Library Training & Viva-Voice

2. परास्नातक पाठ्यक्रम (M.Lib.& I.Sc.)

First Semester	Second Semester
Information & Communication	Literature and Information Systems in Natural Sciences OR Literature and Information Systems in Social Sciences Information System Management
Research Methodology and Statistical Techniques	Information Storage and Retrieval
Information Analysis, Consolidation and Repackaging	Dissertation
Information Technology (Theory)	Information Technology (Practical-II)
Information Technology (Practical-I)	Training & Viva
Advance Library Classification: UDC	

पुस्तकालय विज्ञान विभाग के अर्न्तगत संचालित स्नातक पाठ्यक्रम में प्रवेश हेतु न्यूनतम शैक्षिक योग्यता 45% अंकों के बी०ए०, बी०एससी०, बी०कॉम० परीक्षा उत्तीर्ण होना आवश्यक है तथा परास्नातक पाठ्यक्रम में प्रवेश हेतु न्यूनतम शैक्षिक योग्यता 50% अंकों के साथ M.Lib.& I.Sc. उत्तीर्ण होना आवश्यक है। इन पाठ्यक्रमों में प्रवेश प्रक्रिया प्रतिवर्ष जुलाई माह में प्रारम्भ की जाती है।

3-पी०एच०डी० (पुस्तकालय एवं सूचना विज्ञान पाठ्यक्रम)

वर्ष 2014 से पुस्तकालय एवं सूचना विज्ञान विषय में शोध कार्य किया जा रहा है।

OUR SPECIALIZED STUDY CENTRES

I. UGC-HUMAN RESOURCE DEVELOPMENT CENTRE (UGC-HRDC)

www.hrdcnainital.ac.in

The UGC-HRDC, Nainital is the first and only HRDC in the state of Uttarakhand. It is playing a leading role in the pursuit of excellence in higher education. The UGC-HRDC engages not only learning and creative empowerment of teachers of higher education institutions, but also undertakes varied innovative extension activities in the academic arena. The UGC-HRDC conducts Refresher Courses, Orientation Programmes, Short Term Courses and other courses for teachers and reserach students; workshops for academic administrators; and Professional Development Programmes for other employees of institutions of higher education.

It publishes QUEST The Journal of UGC-HRDC, Nainital (Print ISSN No.0974-5041) (Online ISSN No. 2249-0035) an inter-disciplinary, registered, peer reviewed research journal.

Log on to our website www.hrdcnainital.ac.in to download application form, list of Refresher Courses, Faculty Induction Prograamme/ Orientation Programmes, Short term Courses and other courses to be conducted in the upcoming Academic Session & for other details. All courses in 2020-2021 are to be offered in online mode ONLY. Contact information: Phone-05942 236410, Email- hrdcnainital@gmail.com

II. CENTRE OF EXCELLENCE FOR NATURAL RESOURCE AND DISASTER MANAGEMENT SYSTEMS (NRDMS) IN UTTARAKHAND

www.coenrdmsalmora.org

To develop GIS as per needs of the stakeholders of local level planning, a district level Natural Resources Data Management System (NRDMS) Centre at Almora was setup in 2003 in the Department of Geography, Kumaun University SSJ Campus Almora under the financial and technical support of the NRDMS Division of Department of Science and Technology Government of India. Based on the outputs of this Centre, the Department of Geography was recognized under the FIST Programme by the DST Government of India and a well equipped GIS/RS laboratory under this (FIST) Programme was established in 2005.

III. MAHADEVI VERMA PEETH

Ramgarh Nainital

Kumaun University has established a Peeth on the name of the famous Hindi poet Late Mahadevi Verma. The objective of this peeth is to organize literary and cultural lectures, discussions, seminars lectures of national-level artists, cultural activists, and thinkers, along with high-level seminars and workshops in all the campuses, affiliated colleges and other educational Institutions.

IV. UCCC (UTTARAKHAND CENTRE ON CLIMATE CHANGE)

The major achievements of UCCC are development of Uttarakhand Climate Change Portal, establishment of a permanent natural field laboratory, viz., the Mahogad watershed in district Bageshwer and various awareness, extension and documentation works. Uttarakhand Climate Change Portal-, with the help of technical support of the NRDMS Division, DST Government of India; the Centre of Excellence for NRDMS in Uttarakhand, Kumaun University, Department of Computer Science, IIT Mumbai and Department of Information Technology, IIT Khargpur -the UCCC has started preparing digital database for developing Uttarakhand Climate Portal for climate change studies.

V. THE WOMEN'S STUDIES CENTRE

www.wscnainital.in

The Women's Studies Centre, Kumaun University works with dedication in the pursuit of excellence in research, teaching, sensitization and advocacy related to women's development and gender equity in the Central Himalayan region of Uttarakhand.

Its motto is: "To be seen and heard!". Its programmes are driven by the need to make women and their issues visible and to provide women with a voice in all diverse fields of Himalayan life ranging from academic activities to policy planning.

OUR SPECIAL CELLS

I. INTERNAL QUALITY ASSURANCE CELL (IQAC)

The Internal Quality Assurance Cell (IQAC) was established in Kumaun University as per the XIth Plan guidelines of UGC, New Delhi. The objectives of IQAC are to develop a quality system for conscious, consistent and catalytic programmed action, to improve the academic and administrative performances in Kumaun University campuses and to promote measures for institutional functioning towards quality enhancement through internalization of quality work culture and Best Practices in Higher Education. The IQAC Committee meets at regular intervals under the Chairmanship of Honourable Vice Chancellor, Kumaun University and recommends the action plans for overall development. Benchmarks and parameters related to teaching-learning, research, administration, examination and other dimensions have been developed. Annual Quality Assurance Report (AQAR) of Kumaun University is prepared every year for onward transmission to UGC, New Delhi. Performance Based Appraisal System (PBAS) and Academic Performance Indicators (APIs) with regard to faculty recruitment and promotion under Career Advancement Scheme (CAS) are regularly updated and implemented.

II. SPONSORED RESEARCH AND INDUSTRIAL CONSULTANCY CELL (SRICC)

The Directorate of Research of Kumaun University, later the SRICC was established in the academic session 2009-10 with a vision to improve the quality of research in the University campuses and all the institutions affiliated to the university. The Cell is also expected to help in supporting research activities so as to be conducive to improve research quality and set the pace for linkages of academic research with Industry.

The Cell shall deal with the activities related to execution of the Research Projects and Fellowships in the campuses and ultimately dissemination and exploitation of research findings. The Cell also conducts the entrance examination for Ph. D. program for about 28 subjects, conducts the Admission Counselling of qualified candidates and ensures their placement in different campuses and colleges.

III. DIGITAL INITIATIVE CELL (DIC)

In order to meet different ICT requirements of the students of the University and to provide a platform which can facilitate all sections of the University, a Digital Initiative Cell has been established in the University. The Cell has adopted a time-bound schedule for its various activities, through the website. Within a very short span of its inception, the Directorate has been able to host the website of the University with the name <http://kuntl.in>, which keeps on updating all information regarding vacancies, results, examination schedule, notices, circulars, tender documents etc. of different wings of the University. In the next phase the Directorate approaches to lay down a gigabit fibre-optic backbone in the three campuses with a provision of about 200 nodes in each campus stretching across all buildings, covering all Departments, Centres and administrative units of the campuses and hostels. The three campuses and university administrative block shall be connected by dedicated wireless link and VPN. It is proposed that every faculty member, official and research scholar shall have an individual electronic mailbox that could be accessed from anywhere on the internet. The University has UGC-Infonet-Inflibnet consortium facilities in its central library through which all students of the three campuses shall have access to it through inter connectivity in the university. It is proposed that all three campuses and administrative block of the University shall have their own network, which will be connected with each other. In near future the University is likely to be connected with National Knowledge Network (NKN) and University consortium of all Indian Universities. The internal network of the University shall be connected with the NKN and the national consortium in such a manner that every student and faculty member shall have access to these networks.

IV. THE INNOVATION AND INCUBATION CELL

The cell has been established in the year 2020 to foster all activities related to generation of new research ideas and their further development resulting in patents, establishment of start-ups and other such positive outcomes. It is hoped that through innovative out of the box thinking and a close mentorship programme the University will be able to set new standards in relevant and creative applied research in the Himalayan region. The Cell will work especially with students of Masters Courses and PhD Programmes, and will also foster outreach and extension activities so that benefits of applied research outcomes can reach society.

V. THE ALUMNI AND INTERNATIONAL COOPERATION CELL

The Cell develops and nurtures strong bonds between alumni, students, professors and other stakeholders - locally and globally and helps in integrating Alumni ideas, opinions and achievements with the university curriculum and other programs. Alumni meets at the department, faculty and the university levels facilitates the process. The Alumni database serves as a repository of knowledge that is regularly shared and enriched.

Internationalization is a key strategy for Kumaun University to develop and remain as one of the leading universities of the subcontinent. The focus is on integrating international perspectives, experiences and collaborations throughout the university to improve the quality and diversity of research, education and administration.

The University is committed to building partnerships with other universities relating to both, research and education through a number of general collaboration agreements. The Hon'ble Vice Chancellor has taken a number of initiatives to establish more programs to obtain joint or double degrees.

Kumaun University has recently signed a Cooperation Agreement with the Federal State Budget Educational Institution of Higher Education, Ufa State Petroleum Technological University, Russia. Cooperation areas include exchange of scholars, students and postgraduate students, research and analysis, special courses for students, personnel training, joint instructional activities, academic mobility, internships, joint scientific conferences, workshops, symposia, exhibitions, training of scholars and teachers and joint research programs.

VI. KUMAUN UNIVERSITY PLACEMENT AND COUNSELING CELL

The placement and coordination cell is a brain child of vibrant and dynamic Vice Chancellor Prof. N. K. Joshi who believes in action and collective responsibility. He had envisioned that the placement and coordination cell should be activity driven therefore he forged a strong team of Campus coordinators in the campuses. Senior academicians from Almora, Bhimtal and Nainital campus were entrusted the responsibility to coordinate the activities at the campus level.

The cell was formerly known as the Directorate of Placement and Counseling and had its inception almost a decade ago. The founder Director had laid the strong foundation for the counseling related activities which lead to the various placement drives. The work was carried forward by the successors.

Placement and counseling has become an important benchmark for all ranking and accreditation agencies and is seen as the important parameter to improve the student diversity.



KUMAUN UNIVERSITY, NAINITAL

NAAC Accredited 'A' Grade University

www.kunainital.ac.in

MAJOR HIGHLIGHTS OF THE UNIVERSITY

- Residential cum affiliating University
- Permanent Member of Association of Indian Universities
- "A Grade" awarded by National Assessment and Accreditation Council (NAAC)
- ISO 9001-2008 Certified Institute
- Only State University of Uttarakhand offering both Conventional and Professional Education
- State of art Central Library and Laboratory facilities in most Departments
- Quality education and research ensured through its various Directorates
- MoU's with top International and National Research organizations
- Major and Minor research project run in collaborations with DST, UGC, CSIR, ICSSR, DBT, UNCOST
- Academics supplemented by researches in basic and cutting edge technologies
- Infrastructural reforms underway with financial support under RUSA phase I and II
- Ranked amongst the best institutions by several agencies globally.
- Ranked 66 in QS India Ranking, 2019.
- Ranked 301 in QS-BRICS International Ranking, 2019.
- 27th Rank in India Today University Ranking, 2020.
- 15th Rank in North Indian Universities by THE WEEK Magazine 2019.
- Education Excellence Award by Berkshire Media, USA, 2019.
- Asia's Education Award by IBC, USA, 2019.
- Pharmacy Department is Ranked 75th in NIRF Ranking, 2020.

REGISTRAR, KUMAUN UNIVERSITY, NAINITAL, PH : 05962-235563