

**UNIVERSITY
OF KASHMIR**

2010
PROSPECTUS

ACADEMIC CALENDAR

SESSION 2010-2011

S.No.	Date	Activities
1.	15-02-2010	Issuance of Entrance Test Forms
2.	24-02-2010	Last Date for the Submission of Entrance Test Forms
3.	03-03-2010	Last Date for Screening of Applications, Preparation of the Lists of Applicants, and Selection of Entrance Test Centres
4.	10-03-2010	Commencement of the Conduct of Entrance Tests
5.	20-03-2010	Completion of the Conduct of Entrance Tests
6.	31-03-2010	Declaration of Entrance Test Results
7.	10-04-2010	Last Date for the Completion of Admission Formalities
8.	01-03-2010	Commencement of 3rd /5th Semester Class Work
9.	12-04-2010	Commencement of 1st Semester Class Work
10.	July-August, 2010	Conduct of 1st/3rd/5th Semester Examinations
11.	13-08-2010 to 22-08-2010	Summer Vacations
12.	23-08-2010	Commencement of 2nd/4th/6th Semester Class Work
13.	December 2010/ January 2011	Conduct of 2nd/4th/6th Semester Examinations
14.	01-01-2011 to 28-02-2011	Winter vacations

VISION

We aspire to attain the status of an internationally reputed institution of excellence in teaching, research and extension; and building a dynamic and responsible learning community of high quality scholarship with societal orientation.

MISSION

We commit ourselves to the participatory engagement of teachers, scholars, students and the civil society in innovative, creative and progressive programmes aimed at intellectual enlightenment and emancipation at individual and societal levels.



UNIVERSITY OF KASHMIR

HAZRATBAL, SRINAGAR, KASHMIR



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MESSAGE FROM THE VICE-CHANCELLOR



It is indeed a pleasure for me to extend yet again a warm welcome to the new admission seekers in the University of Kashmir for the academic year 2010. The students will find it convenient and easy to go through various processes and procedures of admission for which prospectus has been devised in a way that it contains detailed information about the wide range of postgraduate and diploma courses offered by the University. The University, as this detailed prospectus reflects, offers a wide range of courses and provides diverse choices for students. Besides, the information contained in the prospectus is also available online on the University website www.kashmiruniversity.ac.in.

Being conversant with the new experiments made in the field of education during the present age of information revolution, we have made and are making every endeavour to keep pace with the changing national and international trends in the field of education and knowledge. In its endeavour, I may add that University has been constantly opening new courses of studies and expanding the opportunities of learning and research in the new and emerging fields. In order to provide opportunities for higher education to more and more sections of admission seekers, we have/ and are increasing the intake capacity in different courses of study.

Our University is well equipped in almost all respects to train you in facing new competitions unleashed by new societal requirements and market trends. Our University has earned a name as a seat of learning and in recognition achieved the status of excellence. We strictly maintain academic standards befitting the present developing trends in the field of higher education. The University has been constantly adding to its teaching, training and infrastructural facilities.

The University, which is situated in the picturesque landscape on the bank of Dal Lake has the well equipped library and laboratories, well furnished teaching blocks, separate hostels for boys and girls besides a 2500 capacity state-of-art Convocation Complex. For the convenience of the students we have established a full-fledged Directorate of Information Technology and Support System (IT&SS). It is through this Directorate that we have been able to digitize and make available on the official website the syllabi of all the courses, academic details from 2005 onwards and the pre-conduct module of examination system. In addition to this, 25 information centers have been established in various government affiliated colleges and the registration system has been automated and made operational from the session 2009.

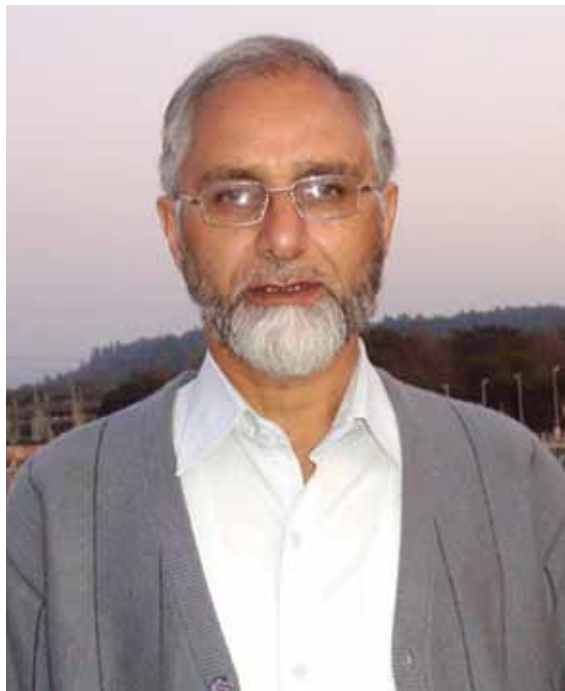
Special emphasis is being laid on sports and cultural activities to the extent that such events are organized round the year. We have been able to boost our all round activities to a level that our students have earned distinctions at the National level in the field of culture, sport and other-curricular activities in different fora. In view of our performance, this University has been accredited as a "A" grade University and we are constantly moving ahead to attain further acclaim.

Historically, Kashmir has had the distinction of being a seat of knowledge and scholarship in the entire sub-continent. It used to attract knowledge seekers from all over Asia and beyond. We are proud in carrying forward this tradition.

With best wishes to our new entrants in the University.

Professor (Dr) Riyaz Punjabi

A WORD FROM THE DEAN ACADEMIC AFFAIRS



University of Kashmir, which in 1969 took over the responsibility of spreading the quality education in the Kashmir Division of Jammu & Kashmir State after the bifurcation of the erstwhile Jammu & Kashmir University, has during its forty year history crossed many a stages of excellence. In the process it has become one of the top ranking educational hubs of the country. This has been possible because of the efforts made by the University over the years in the field of human resource as well as infrastructure development. A very liberal policy followed

by the university in providing opportunities to its teaching faculty for active participation in national, international and local level conferences, seminars, refresher courses and workshops has paid good dividends in the shape of publication of numerous world class books and research articles by its faculty as well as research students. Not only the teachers, even research scholars and PG students are encouraged by the university to participate in national level co-curricular as well as extra-curricular activities.

The resources of the Allama Iqbal Library of the university, comprising books, manuscripts, journals, Microfiche, CD-ROMs, theses, dissertations, audio cassettes, film strips, etc cater to varied academic and research needs of the university community in particular and other people in general. The Library System is fully computerized and offers online access to various databases of its resources through Online Public Access Catalogue (OPAC) now available on worldwide web through our official website, 'www.kashmiruniversity.net' or 'www.kashmiruniversity.ac.in'. All the teaching departments in the university are provided with internet facility, which is available to students as well. All through it has been our endeavor to make our students members of a responsible learning community of high quality scholarship and instill in them a strong sense of responsibility towards the society.

I feel great pleasure in presenting Prospectus 2010 to the aspirants of admission to various programmes offered by University of Kashmir for the session 2010. The booklet has been prepared with the aim of giving an insight into the infrastructural facilities available at the campus so as to provide a clear idea to a student in selecting a programme of his choice. The Prospectus is intended to serve as a guide for students aspiring for Post-graduate

studies at the University. As can be seen from the contents, a student has a wide variety of traditional post graduate programmes in Science, Social Science and Humanities as well as a number of professional, technical and job-oriented courses in Law, Education, Journalism, Business Administration, Pharmacy, Remote Sensing and Computer Application. I am very confident that our students, who are capable to decide about their future, shall be able to select the right programme on the basis of their eligibility, career opportunities and personal preference.

Well, I know that most of the students admitted in various programmes offered by the university are mature enough, physically as well as mentally, and can take right decisions about their future and at the same time can also help us in improving the quality of education by providing their feedback and inputs. I therefore take this opportunity to beseech cooperation from my young friends, both who make it to the university and the ones, who due to one or the other reason may not join us, to help us by giving feedback regarding the facilities available, their utilization level as well as shortcomings found in different components of the university system. The students are welcome to write to me in confidence on my address deana@kashmiruniversity.ac.in. I assure all those who bring any shortcomings into my notice or come up with suggestions for the overall development of the University that every input in this context will receive my personal attention.

With these words, I welcome you all and hope that you will make best use of the facilities available and strive hard and help us to take the university to the new heights of excellence.

Professor A R Yousuf

MAP SHOWING MAIN AND SATELLITE CAMPUSES





AN OVERVIEW



AN OVERVIEW OF THE UNIVERSITY

The University Motto



CHANCELLOR

Shri N N Vohra

PRO-CHANCELLOR

Mr Omar Abdullah

VICE-CHANCELLOR

Professor (Dr) Rigaz Punjabi

DEAN ACADEMIC AFFAIRS

Professor A R Yousuf

DEAN COLLEGE DEVELOPMENT COUNCIL

Professor M A Kaw

REGISTRAR

Professor S Fayyaz Ahmad

CONTROLLER OF EXAMINATIONS

Professor A M Shah

The University of Kashmir, which came into existence in 1969 as a result of the bifurcation of the Jammu & Kashmir University founded in 1948, is an apex institution of higher education in the Kashmir Division. Its primary role is to provide learning and research opportunities to undergraduate, graduate and postgraduate students in a fair and equitable manner and in keeping with nationally recognized standards of academic excellence. The University is committed to provide an intellectually stimulating environment for productive learning and instructional programmes to enhance the educational, economic, scientific, business and cultural environment of the region. Since 2002, the University stands accredited as an A-Grade University by the National Accreditation & Assessment Council (NAAC) of the University Grants Commission (UGC), New Delhi. The Main Campus of the University is situated on the outskirts of Srinagar at Hazratbal. Spread over a sprawling campus of 250 acres of land, it is flanked by the world famous Dal Lake on one side and Nageen Lake on the other. The University has captivating natural surroundings with the Himalayan mountain range in the background. The Main Campus is divided into three parts-Main Campus previously known as Amar Singh Bagh; Naseem Bagh Campus - the famous Mughal Garden with very old Chinar trees- housing a few departments and Mirza Bagh Campus, serving residential purpose. The Campus is connected with the city by a well maintained transport system. Away from the hustle and bustle that characterizes modern urban life, the tranquil ambience of the University provides the right kind of atmosphere for serious study and research. Since its inception, the University has been developing at a reasonably fast pace with all the major faculties having come up over the years: Arts, Commerce & Management Studies, Education, Law, Applied Sciences and Technology,



Biological Sciences, Physical and Material Sciences, Social Sciences, Medicine, Dentistry, Engineering, Oriental Learning and Music & Fine Arts.

To make higher education more accessible to people living in remote areas of the Kashmir Division for their social progress and economic development the University of Kashmir has established and commissioned two Satellite Campuses at Fatehgarh, Anantnag (called South Campus) and Delina, Baramulla (called North Campus). Three more Satellite Campuses at Kupwara, Kargil and Leh are being established for the benefit of people living in remote areas.

Teaching Departments:

Faculty of Arts

- Arabic
- English
- Foreign Languages
- Hindi
- Kashmiri
- Library & Information Science
- Linguistics
- Persian
- Sanskrit
- Urdu

Faculty of Commerce and Management Studies

- Business and Financial Studies
- The Business School

Faculty of Education

- Education
- Physical Education

Faculty of Law

- Law

Faculty of Applied Science & Technology

- Computer Sciences
- Electronics & Instrumentation Technology
- Food Science and Technology
- Home Science
- Pharmaceutical Science

Faculty of Biological Science

- Bio-chemistry
- Bio-technology
- Botany
- Zoology

Faculty of Physical & Material Science

- Chemistry
- Environmental Science
- Geology & Geo-physics
- Geography and Regional Development
- Mathematics
- Physics
- Statistics

Faculty of Social Science

- Economics
- History
- Islamic Studies
- Media Education Research Centre
- Political Science
- Psychology
- Sociology and Social Work

Research and Other Centres:

- Academic Staff College
- Centre for Adult Continuing and Extension Education
- Institute of Kashmir Studies
- Centre for Women's Studies
- Education Multimedia Research Centre (EMMRC)
- Bio-Informatics Centre
- Centre of Research for Development (CORD)
- Centre of Central Asian Studies (CCAS)
- Directorate of Distance Education (DDE)
- Centre for Plant Taxonomy
- Iqbal Institute of Culture and Philosophy
- Population Research Centre (PRC)
- State Resource Centre (SRC)
- Shaikh-ul-Alam^(R.A) Chair
- University Service & Instrumentation Centre (USIC).





PROGRAMMES OFFERED

Regular Programmes

M A Programmes:

- Arabic
- English
- Economics
- Education
- Hindi
- History
- Islamic Studies
- Kashmiri
- Linguistics
- Library and Information Science
- Mass Communication and Journalism
- Persian
- Political Science
- Psychology
- Sanskrit
- Sociology
- Social Work
- Urdu

M A/M Sc Programmes:

- Geography & Regional Development
- Mathematics

M Sc Programmes:

- Biochemistry
- Biotechnology
- Bioresources
- Botany
- Chemistry
- Clinical Biochemistry
- Dietetics & Clinical Nutrition

- Electronics & Instrumentation Technology
- Environmental Science
- Extension and Communication
- Food Science and Nutrition
- Geology & Geo-physics
- Human Development
- Physics
- Statistics
- Zoology

Business Programmes:

- MBA
- MBA Integrated
- MFC
- M Com

Law Programmes:

- LLB
- BA LLB
- BBA LLB
- LLM

Computer Science Programme:

- MCA

Professional/Technical Programmes:

- B Ed
- B Tech
- B Pharmacy
- M Pharm
- M Ed
- MP Ed

Post-graduate Diploma Programmes:

- Adult & Non-formal Education
- Bioinformatics
- Computer Applications
- Education
- Hindi
- Human Rights & Duties
- Instrumentation
- Persian
- Population Education
- Remote Sensing & GIS
- Sanskrit
- Technology
- Translation (Persian)
- Urdu

Diploma Programmes:

- French
- German
- Kashmiri
- Professional Laboratory Course in Chemistry

Certificate Courses:

- French
- German
- Modern Spoken Arabic
- Persian
- Russian
- Quranic Studies
- Sanskrit
- Spoken Hindi

Distance Mode Programmes

Programmes offered through Distance Mode include:

M A Programmes:

- Urdu
- Economics
- English

Business Programme:

- M Com

M Sc Programme:

- Mathematics

Professional Programmes:

- M Ed
- B Ed
- LLB (Academic)

Postgraduate Diploma Programmes:

- Home Science
- Tourism Management

HIGHLIGHTS (2009-2010)

- 17th Annual Convocation and Special Award Function.
- Additional land at Zakura (Hazratbal) procured for the expansion of the University.
- North Campus at Delina, Baramulla inaugurated and commissioned.
- The following new programmes were launched.
 - **Masters Programme in Pharmaceutical Sciences (M Pharma)**
 - **MBA Integrated Programme**
 - **B-Tech Programme in Electronics and Communication Engineering (at North Campus)**
 - **B-Tech Programme in Computer Science & Engineering (at North Campus)**
- The University of Kashmir played a pivotal role in getting a Special Package of Rs 62 crores approved by the Department of Science & Technology, Government of India for the augmentation of S & T support to the Science Departments of the Universities and Colleges of J&K.
- The Departments of Botany and History were selected by the University Grants Commission, Government of India, New Delhi under its prestigious Special Assistance Programme (SAP) Phase I while Department of Zoology was selected for SAP Phase II.
- More than 150 faculty members attended international, national and regional conferences.
- About 50 conferences, workshops, symposia etc were organized by the University. Notable among these were:
 - International Workshop on *Climate Change, Glacier Retreat and Livelihoods*.
 - 35th All India Sociological Conference on *Identity Development and Nation Building*.
 - 9th Annual Session of *Indian Society for Buddhist Studies*.
 - International Conferences on *Law and Social Obligation: The Way Forward*
 - *Eurasian Peace and Co-operation*.
 - *Theories of Islamic Law: The Methodology of Ijtihad*
 - *Energy Challenge in Jammu and Kashmir State: A Case Study for the Energy Research Institute*.
- About 100 students qualified JRF/NET/GATE and other related academic/competitive examinations.
- About 70-80% of students in Departments such as MFC, The Business School, Computer Sciences, Pharmaceutical Sciences, etc. got placed in world-reputed companies. Services of TATA Consultancy Services (TCS) are being utilized by the Department of Computer Sciences for student placement.
- Directorate of Distance Education established three additional study-cum-information centres in the districts of Ganderbal, Shopian and Karnah (Kupwara).
- Establishment of Community Development Centres at Gurez and Ganderbal by the Centre for Adult Continuing Education and Extension in collaboration with State Education Department.
- MOU with World Digital Library which shall allow accessibility to Digital Collection of Library of US Congress. E-brary, Ebscohost and Emerald have been subscribed for the benefit of users.
- All India Inter-University Championships in Kayaking and Canoeing (Men and Women) and Football were organized besides many inter-college and inter-University tournaments.
- E-governance was introduced:
 - Connectivity of 40 Government Colleges with the University in the first phase.
 - Networking of the entire Examination Wing involving 180 access points completed.
 - Networking also completed in 21 Colleges.
 - Installation of computers and accessories completed in 11 Colleges.
 - Computerized registration of students with the University.
 - 80 officials working in various units of Examination Wing already trained.
 - Collaboration with Wipro Infotech Limited, Expedition e-solution, NIC, J&K Unit and STPI, Srinagar.

New Programmes to be launched during 2010:

- **Post-graduate programmes in Geo-informatics & Remote Sensing and Tourism Administration.**
- **Several Diploma and Certificate courses.**



ADMISSION POLICY

Candidates having passed the qualifying examination with the percentage of marks in the aggregate as given below are eligible to apply for admission to the programme/s concerned. The applicants shall have to appear in the Entrance Test, if required:

For admission to all programmes except MBA, MCA, M Sc, Bio-technology and Post-B Sc Diploma in Computer Application.

For Open Merit: 45%

For Reserved Category: 40%

MBA, MBA Integrated Programme, MFC, Masters in Social Work (MSW).

For Open Merit: 50%

For Reserved Category: 45%

MCA, M Sc Bio-technology and Post B Sc, Diploma in Computer Applications.

For Open Merit: 55%

For Reserved Category: 50%

MCA (for candidates with BCA).

For Open Merit: 50%

For Reserved Category: 45%

A candidate who has already obtained one postgraduate degree is allowed to seek admission in the second postgraduate programme or in a Diploma/ Certificate course, if otherwise eligible for admission.

Entrance Test:

The eligible candidates shall be required to appear in an Entrance Test to be devised for the purpose where they shall have to attempt sixty multiple choice objective type questions carrying a total of sixty marks uniformly spread over the entire syllabus of the B A/ B Sc three-year degree programme in the subject in which s/he desires to seek admission. However, in case of admission to programmes like LLB, PGDCA, MCA, M Sc. Bio-chemistry, M Sc Environmental Science, M Lib Sc, M Sc, Biotechnology, M A Mass Communication-Journalism, M A Social Work, M A Linguistics, M Sc Home Science and M Sc Statistics, the question paper shall be broadly based on the guidelines/syllabi prescribed/indicated in Annexure II for the purpose. Candidates shall be expected to mark the correct or most appropriate response to the given question.

Since the entire exercise of evaluation of answer scripts is done electronically the candidates are advised in their own interest to read the instructions printed on the first page of the answer script carefully and exercise caution while marking the responses. They should refrain from over-writing or mutilating portions of the response sheet as this may render the answer unfit for evaluation. There shall be provision for negative marking whereby for each wrong answer, 0.25 marks shall be deducted towards the final tally of marks secured by a candidate. A specimen copy of the OMR Sheet (See Appendix I) has been incorporated in this Prospectus so that students can familiarize themselves with the actual process of marking their responses. The Entrance Test for B Pharm and M Pharm Programmes shall be conducted sometime during the middle of 2010, for which a separate notification shall be issued at an appropriate

time. With regard to MBA and MFC programmes, the admission shall be conducted through National Level Test in the month of June 2010. For admission to PG Diploma in Remote Sensing and GIS, candidates shall be selected on the basis of merit obtained by them in their qualifying examinations.

Procedure for Selection:

Candidates shall be selected for admission on the basis of merit obtained in the Entrance Test (out of 60 marks) combined with the aggregate marks obtained in the qualifying examination (reduced to the base of 40). Overall merit of the candidates shall be thus determined out of 100 marks. Where two or more candidates have secured the same marks out of 100 for admission to a particular programme/course, the tie shall be decided on the basis of marks secured in the subject in which admission is sought, taking the marks of all the three years of BA/ B Sc / B Com into account. However, where the subject offered is not taught at the under-graduate level or where the admission is sought on the basis of an allied subject and also in the case of LLB, BA LL B, MLIS, M Com and Mass Communication and similar other Programmes, a tie shall be decided on the basis of aggregate marks secured by the candidate in the qualifying examination, i.e., a candidate with higher aggregate marks shall be given preference.

In case of M Sc Biotechnology, a candidate shall have to appear in the Entrance Test in two phases. In Phase I, the question paper shall comprise 60 multiple choice questions [in a similar manner as in other subjects] carrying 60 marks as per the syllabus prescribed for the purpose in Annexure II. On the basis of their performance in Phase I test, candidates numbering four times the intake capacity (both from open merit and category) shall be declared eligible to appear in Phase II test. Phase II question paper shall comprise 20 very short answer type questions of 2

marks each (total 40 marks) as per the prescribed syllabus given in Annexure II. Final selection for admission to M. Sc Biotechnology shall be based on the combined merit obtained by the candidates in Phase I and Phase II. The marks or GPA obtained by the candidate at the qualifying examination shall be considered only in case of a tie.

In case of MBA & MFC, the selection for admission to the programme shall be based entirely on the candidate's performance in the Entrance Test, which consists of three components viz. written test, group discussion and interview. In case two or more candidates secure same merit in the Entrance Test, weightage will be given to the merit obtained by the candidates in the qualifying examination.

Reservation of Seats:

In all programmes offered by the University, 61% of the seats shall be filled from amongst the students who have applied under open merit category and 39% from amongst the Reserved Categories with the selection in the latter category being made on the basis of merit explained above. In case of M Sc Bio-technology, however, only two seats shall be available for Reserved Categories and shall be offered to two candidates who top in the merit list of Reserved Categories, provided that only one candidate shall be taken from one category. The break-up of seats amongst various reserved categories and the authority competent to issue certificate in support of the candidature under a reserved category are detailed in **Table 1**. Further, considering that the quota for admission under certain reserved categories for programmes with a small intake capacity is not sufficient to add up to one seat or in case of certain other programmes where it does not add up to a whole number, the following mechanism has been devised to ensure maximum representation to each such category:

- i. In the first place, the number of candidates to be



selected for a particular category shall be determined by the integral part of the number of candidates allotted for that particular category.

- ii. The fractional parts attached to each category shall be clubbed together to take care of the remaining seats that shall remain available after taking into account the number of those admitted under i) above. Here again, selection shall be made as per the relative merit position of candidates competing for admission against those categories with non-zero fractional representation, subject to the following provisos:
 - a) Notwithstanding the individual merit of the candidates, at the most one candidate shall be selected from each category in (ii) above.
 - b) In the case of programmes with the total number of applicants entitled for admission under Reserved Categories, exceeding the total number of seats

under Reserved Categories, allotment of seats shall be determined by (i) and (ii), while making sure that preference shall be given to those categories which are not represented under (i).

It must be noted that the certificate under a, b, c, d, e, f and h in **Table 1** must be in accordance with SRO 126 of 28 June 1994 of the J&K Government and subsequent amendments/SRO's issued by the Government in this regard.

For programmes like MBA, MFC, MCA, M Sc Bio-technology, where selection is made on All India Basis there shall be no reservation for the category mentioned at (h) below [i.e., for Persons from outside the State including foreign nationals and students who have graduated from the University of Jammu.



(Table 1)

Reserved Category		% of seats	Issuing Authority for Category Certificate
a.	Weak & Under Privileged Classes.	2%	Tehsildar concerned.
b.	Scheduled Caste / Scheduled Tribe.	8%	Tehsildar concerned.
c.	Residents of Backward Areas.	12%	Tehsildar concerned.
d.	Children of Permanent Resident of Defence Personnel/Children of Ex-Defence Personnel / Children of Permanent Residents of Para-military forces and Sate Police Personnel serving in the State.	3%	Commanding Officer of Unit Zila Sainik Welfare Officer and DIG concerned, respectively.
e.	Candidates possessing outstanding proficiency in Sports.	2%	Director, Physical Education, University of Kashmir.
f.	Candidates possessing outstanding proficiency in NCC.	2%	"B" Group Commandant, "C" Director NCC.
g.	Physically handicapped.	3%	Chief Medical Officer concerned
h.	Persons from outside the State including foreign nationals and students who have graduated from the University of Jammu.	2%	Registrar of the concerned University /Embassy concerned in case of Foreign nationals.
i.	Children of Gojjar and Bakerwals.	5%	Tehsildar concerned

Note: One supernumerary seat under the category 'Children of Permanent Employees of the University' shall be provided for each programme over and above the prescribed intake capacity. The eligibility for admission and the procedure of selection is the same as prescribed for other categories.

Shifting from Reserved Category Quota to Open Merit Quota:

A candidate having been selected for admission under a particular Reserved Category shall be automatically shifted to the Open Merit Category if the total marks scored by him/her entitle him/her to figure in the open merit list. However, s/he shall have the option to stay on in the Reserved Category if the act of shifting him/her to the Open Merit Category puts him/her at an obvious disadvantage, in which case s/he shall have to intimate the office of the Dean Academic Affairs/Dean of the Faculty/Head of the Department concerned in writing at least two days prior to the expiry of the last date for the completion of the admission formalities.

Government Nominations from Government Schools:

Four supernumerary seats each in the PG Programmes of Botany, Chemistry, English, Physics, Mathematics and Zoology and two each in the PG Programmes of Electronics, Statistics, Computer Applications and PG Diploma for Remote Sensing & GIS shall be reserved for Government nominees, whereas one seat shall be reserved for M A programme in Psychology. The nomination of in-service teachers shall be made by the State Education Department. Only those nominees shall be eligible for admission, who have passed the three-year/two-year Bachelors Degree examination with not less than 40% marks in the aggregate of 3 years/2 years taken together. However, their admission

shall be subject to their performance in the Entrance Test combined with their aggregate marks in the qualifying examination [as in the case of regular candidates] and recommendation by the State Education Department.

Two seats in MLIS Programme shall be reserved for candidates with experience in libraries to be deputed by Universities, Colleges and other public sector institutions located within the territorial jurisdiction of the University. The selection of these candidates shall be made on merit basis by a committee comprising the Dean, Faculty of Arts, HOD and two senior teachers of the Department of Library Science.

Exemption from Entrance Test:

No Entrance Test shall be conducted in a programme with an intake capacity equal to or more than the number of candidates having applied for admission in such a programme.

Satellite Campuses & Colleges:

For admission to post-graduate programmes which are also taught in Govt. Degree Colleges, Satellite Campuses and in private colleges affiliated to the University of Kashmir, the procedure shall be the same as described above with the proviso that the candidate shall have to indicate in clear terms his/her order of preference for the campuses/colleges, where the course is offered in the space provided for the purpose in the Application Form. For example if a post-graduate programme (say M A in subject X) is offered at three places, Campus A, Campus B and College I, the applicant may give his/her order of preference in any one of the following ways.

S.No.	Programme	Preference No. 1	Preference No. 2	Preference No. 3
a.	MA in X	Campus B	College I	Campus A
b.	MA in X	Campus I	College A	Campus B
c.	MA in X	Campus B	College I	Campus B

The order of preference given by a candidate in his/her application form for the institution/s offering the Programme will be deemed as final and irrevocable. Candidates must note that as per the University rules migration from one Teaching Department/Centre/Institute to another (even on mutual basis) is banned and will not be entertained.

Certificates to be Attached with the Application Form:

No application shall be entertained if it is not appended with the attested copies of the following certificates:

- Subject-wise marks certificates of the examinations passed
- Character Certificate
- State subject certificate
- No Objection Certificate from the employer in the case of those serving in any Government or any other institution.
- Certificate from the competent authority, if claiming admission under any of the Reserved Categories.

The plea "Certificate under Process" shall not be entertained. In respect of reserved categories, certificates issued only by the Competent Authority mentioned in **Table 1** shall be considered.

Submission of Application Forms:

- With each Application Form, bearing a distinct Serial Number, is appended a fee pay-in-slip which also bears the same Serial Number as that of Application Form. Applicants are advised to use the original Application Form appended to the Prospectus-2010 or download the same from the official website of the University, www.kashmiruniversity.ac.in However, a photocopied Application Form will not be accepted as it would not carry a distinct serial number. Only the pay-in-slip provided with the Application Form and bearing the same serial number as on the main application form should be used for depositing the requisite fee. Prospectus-2010 shall be available from the University Sale Centre at the Main Campus, Hazratbal against the cash payment of Rs. 250/=. It shall be also available for sale at some specific branches of J&K Bank Ltd., which will be notified separately.
- Applicants are required to submit only one Application Form for up to as many as eight different programmes. Entrance fee per programme is Rs. 245/=. A candidate is required to deposit the entire amount of fee chargeable (for all programmes s/he is applying @ Rs. 245/= per programme) through the same Pay-in-slip at any branch of the J&K Bank Ltd. For example, if a candidate is applying for three programmes then s/he shall have to deposit a total amount of Rs.735/= in the bank through the single pay-in-slip provided in the

Application Form. In case the candidate is submitting a downloaded Application Form, s/he has to add the cost of the Prospectus (i.e., Rs. 250/=) to the total Entrance Fee to be deposited through the pay-in-slip (the total amount to be deposited for three programmes in case of downloaded application form shall be Rs. 985/=).

- Application Form duly filled by the applicant and complete in all respects together with the necessary certificates can be deposited within the stipulated time in one of the Postgraduate Departments/Institutes of the University (Main Campus Hazratbal), where s/he is an applicant, against a proper receipt. A single application form can be used for a maximum of 8 programmes and in case a candidate is applying for more than 8 programmes two application forms must be submitted. Accordingly, the Entrance Fee shall also be deposited as per the number of programmes mentioned on each Application Form.
- The Admit Cards can be downloaded from the official website www.kashmiruniversity.ac.in or can be collected from any of the concerned departments, where the candidate is an applicant on producing the Receipt of Submission of the Application Form. The Admit Cards will be generated only after reconciliation of the candidate's fee is made with the J & K Bank Ltd. Status of the Admit Card can be checked from the official website of the University.
- The allotted Roll Number, Schedule of Examination and Centre of Examination will be communicated to applicants also through SMS.
- No candidate shall be allowed to enter the Examination Centre without producing an Admit Card.



Table 2

S. No.	Programme(s)	Fee Pattern Annual/ Semester	Part A (to be deposited in the University Chest).	Amount in Rs. Part B (to be deposited in the concerned Deptt).	Amount in Rs. Part C (to be deposited in Allama Iqbal Lib.).
1.	M A/M Ed/MPEd Course	1st+2nd Sem	3060.00	350.00	400.00
		3rd +4th Sem	2700.00	200.00	400.00
2.	M A in Mass Communication/MSW	1st+2nd Sem	4700.00	350.00	400.00
		3rd+4th Sem	4700.00	200.00	400.00
3.	MCom/LLB	1st +2nd Sem	3500.00	350.00	400.00
		3rd +4th Sem	3500.00	200.00	400.00
4.	M Sc	1st+2nd Sem	4000.00	800.00	400.00
		3rd+ 4th Sem	4000.00	450.00	400.00
5.	Diploma Programms other than PG Diploma in Computer Application	Lumpsum	3100.00	350.00	400.00
6.	PG Diploma in Computer Application	Lumpsum	6600.00	200.00	400.00
7.	LLM	1st+2nd Sem	4060.00	370.00	400.00
		3rd+4th Sem	4060.00	220.00	400.00
8.	MBA/MFC	1st+2nd Sem	4300.00	8550.00	400.00
		3rd+4th Sem	4300.00	1850.00	400.00
9.	M Sc Biotechnology	1st+2nd Sem	4000.00	6700.00	400.00
		3rd+4th Sem	4000.00	6350.00	400.00
10.	MCA	1st+2nd Sem	3700.00	11,850.00	400.00
		3rd+4th Sem	3700.00	11,650.00	400.00
11.	B Pharmacy	Per annum	16,000.00		
12.	BA LLB & BBA LLB (in the Deptt of Law)	Per annum	12,000.00		
13.	M P Ed	Previous	20,000.00	1100.00	980.00
		Final	10,000.00	1100.00	980.00
Programmes at Affiliated Colleges		Fee Pattern Annual/Semester	Total Amount (Rs.)		
14.	MCA at SSM College	Per annum	35,000.00		
15.	MEd at College of Education, Srinagar	Per annum	8,000.00		
16.	LLB at affiliated colleges	Per annum	25,000.00		
17.	BA LLB at affiliated colleges	Per annum	21,000.00		
18.	M P-Ed at College of Physical Education, Ganderbal	Previous	20,000.00	1100.00	980.00
		Final	10,000.00	1100.00	980.00

FEE STRUCTURE

The annual fee structure for admission to various programmes and courses in the University is illustrated in Table 2.

- The fee reflected under Part B does not include Tour fee/Internship fee/ Society fund/ Departmental Book Fund, etc. which shall be charged by the respective Departments as per University Guidelines issued from time to time.
- The students shall also be required to deposit Rs. 25/- and Rs. 10/- on account of NSS and Red Cross fee respectively, out of which the Red Cross Fee of Rs. 10/- shall be deposited in the University Chest.
- Students shall have to pay a fee of Rs. 100/- as Kashmir University Alumni Fee realized once in the entire course of study.
- Students shall be required to pay Rs. 500/- per annum as Library Development Fee which includes the internet fee also.
- The selected students shall have to pay Rs. 10/- as "University Corps Fund" to be deposited in the Department. However, in respect of B.A., LL.B. at affiliated colleges, the corpus fund and service charges of Rs. 1000/- per student shall have to be deposited in the University Chest by the concerned college out of the tuition fee.
- The selected students shall have to pay Rs. 235/= for the entire programme as "IQAC fee" out of which Rs. 35/= shall be deposited in the University Chest and the rest in the Department concerned.
- Students shall also have to pay the usual examination fee while submitting the examination forms as prescribed by the University from time to time.
- In case of PG Diploma in Mass Media (Urdu), students shall have to pay Rs. 5000 per semester.
- In addition to the above, the computer fee shall be as under:

Where the computer facility is available.

Rs. 250/- (for entire programme) to be deposited in the Department.

PG Diploma in Computer Application.

Rs. 1600/- (for entire programme) out of which Rs. 600/- shall be deposited in the Department and Rs.1000/- in the University Chest.

Department of Statistics.

Rs. 750/- (for entire programme) to be deposited in the Department.

SELF-FINANCED SEATS

Admission to Self-financed seats shall be open to candidates who have appeared in the Entrance Test and the selection of candidates shall be made on the basis of merit (among the applicants for this category of seats) which shall be the same as prescribed for selection of candidates against open seats. The number of seats allotted for the purpose shall be such as may be notified for the Programme, provided infrastructure facilities are available in the department/(s) concerned. The candidates selected against Self-financed seats shall be required to pay normal fee chargeable from other candidates in addition to the fee (Details given in **Table 3**) which shall be non-refundable. The payment charged against Self-financed seats shall have to be made in the form of a demand draft drawn in favour of the Registrar, University of Kashmir, Srinagar. For all those courses/Programmes where the said payment is below Rs. 80,000/ for the whole programme, it has to be paid in one instalment at the time of the admission to the programme. However, in case of those Courses/Programmes, where the payment charged against the Self-financed seat is Rs. 80,000/ or more, it shall have to be paid in two equal instalments, one instalment each at the time of admission to the 1st and 3rd semester classes respectively. The normal fee in both the cases has to be deposited at the time of the admission. The notification for admission under Self Financed seats shall be issued subsequently.

Table 3: Fee Structure for Self-financed Seats

S. No.	Name of the Programme	Prescribed rate (in Rs.)
1.	M Sc Botany	1,50,000
2.	M Sc Zoology	1,50,000
3.	M Sc Physics	1,50,000
4.	M Sc Chemistry	1,50,000
5.	B Pharmacy	2,00,000
6.	M Sc Electronics	80,000
7.	M Sc Bio-chemistry	2,00,000
8.	M Sc Clinical Bio-chemistry	2,00,000
9.	M Sc Bio-resources	2,00,000
10.	M Sc Food Technology	1,50,000
11.	M Sc Geo- informatics	1,00,000
12.	M Sc Bio-technology	2,50,000
13.	M Sc Applied Geology	1,00,000
14.	M Sc Environmental Science	1,50,000
15.	M Sc Home Science	40,000
16.	Master of Business Administration (MBA)	2,50,000
17.	MBA Integrated	2,50,000
18.	Master of Computer Application (MCA)	2,00,000
19.	M A / M Sc Mathematics	80,000
20.	M A / M Sc Statistics	80,000
21.	Master of Social Work (MSW)	60,000
22.	M A Psychology	80,000
23.	M Com	1,00,000
24.	M A Geography	50,000
25.	M A Political Science	50,000
26.	M A Islamic Studies	30,000
27.	M A History	30,000
28.	LL B	75,000
29.	BA, LL B	1,00,000

30.	BBA, LL B	1,25,000
31.	M Ed	40,000
32.	M A Education	40,000
33.	M A Economics	50,000
34.	M A Sociology	60,000
35.	M A English	65,000
36.	M A Kashmiri	30,000
37.	M A Arabic	30,000
38.	M A Linguistics	35,000
39.	M A Persian	20,000
40.	M A Urdu	40,000
41.	M A Sanskrit	10,000
42.	M A Hindi	15,000
43.	M A Mass Communication & Journalism	1,00,000
44.	M Lib & Information Science (MLIS)	60,000
45.	M P Ed	25,000
46.	P G Diploma in Computer Applications	35,000
47.	P G Diploma in Business Administration	20,000
48.	P G Dip in Mass Media (Urdu)	30,000
49.	P G Diploma in Bio-informatics	50,000
50.	PG Diploma in Human Rights & Duties Education	20,000
51.	P G Diploma in Kashmiri	10,000
52.	For each Certificate Course in: French/German/Russian/ Persian	10,000
53.	M Pharma	2,50,000
54.	P G Diploma in Remote Sensing & GIS	30,000
55.	MFC	2,00,000



EXAMINATION AND EVALUATION

Examination:

The University conducts almost all the programmes on semester basis and the examinations are conducted at the end of each semester. I and III semester examinations are conducted during the month of July/ August and II and IV semester examinations during December/January every year. Only those candidates are allowed to appear in the semester examinations who fulfil the requirements as prescribed under the statutes applicable to the programme.

Continuous Assessment:

The students are also assessed through a well designed mechanism of Continuous Assessment (also called Internal Assessment/Tests). The Continuous Assessment based on the performance of the students in seminars, tutorials, quiz, term paper, written test and viva voce examination carries 20% to 30% of the total marks per paper. No student is allowed to appear in the examination of a course/ paper unless s/he has passed the Continuous Assessment Component of that course/paper.

Promotion:

Promotion of a candidate from one semester to another shall be as under:

- from 1st semester to 2nd semester in case s/he fulfils the statutory requirement of attendance and has also passed in Continuous Assessments/ Practical/ Field Work;
- from 2nd semester to 3rd semester in case s/he has passed in not less than 50% of course papers and Continuous Assessments/ Tutorials prescribed for 1st and 2nd semesters. In case there are 5 course papers, a student shall need to pass in 3 papers;
- from 3rd semester to 4th semester in case s/he fulfils

the statutory requirement of attendance in all courses of study including Continuous Assessment/Practical.

Further any candidate having secured less than 40% marks in all the subjects including Continuous Assessment/ Tutorials/Seminars etc. and failing to make up for such deficiency within the stipulated period as prescribed under the statutes shall not be entitled to the award of the degree. There is no supplementary examination for practical courses. The result of the final year is not declared until the candidate has passed the previous year examination in full. Where a candidate fails in both the practical courses s/he is not eligible to join the final year class.

Attendance:

A candidate shall be required to attend 75% of the total number of lectures, tutorials, seminars, etc. delivered and also in practicals wherever applicable. However, shortage in attendance may be condoned in an academic year for special reasons to be recorded in writing by:

- Head of the Department up to a maximum of 5%, and beyond that by the
- Vice-Chancellor up to a maximum of another 5%.

Candidates who participate in any one or more of the activities mentioned below for the purpose of condoning deficiency in attendance incurred by them on account of such participation, are treated as present on all working days, provided they have been officially deputed by the University for this purpose and the total absence does not exceed 15 days in a year:

- Inter State Sports Tournaments;
- Inter University Sports Tournaments;
- Inter College Sports Tournaments;



- Inter University Debates, Seminars, Youth Festivals and Cultural Programmes;
- NCC / NSS programmes;
- Hikes, trekking expeditions organized by the University.

Vacations and Holidays:

The teaching departments of the University close for winter and summer vacations as per the Academic Calendar issued by the University. Further, the University observes such holidays as are notified separately.

STUDENTS SUPPORT SERVICES

Library Facilities:

The University offers the best library services to a wide spectrum of users, including students, scholars and faculty members. The University of Kashmir Library System comprises of more than 54 libraries which are attached to different Departments / Centers of the University. They function as branches of its Central Library known as Allama Iqbal Library. The resources of the library comprising of books, manuscripts journals, Microfiche, CD-ROMs, theses, dissertations, audio cassettes, film strips etc cater to varied academic and research needs of the university community. The library has also established a Career Corner that provides special material to students preparing for competitive tests like CAT, MAT, GMAT, NET, besides civil service examinations like IAS, IPS, IFS, KAS, etc. The library has a well equipped Audio Visual Section too. The University Library System is fully computerized and is unique in the state in offering online access to various databases of its resources through Online Public Access Catalogue (OPAC) now available on worldwide web through the University Website www.kashmiruniversity.net or www.kashmiruniversity.ac.in The entire collection of Allama Iqbal Library is barcoded. Besides, the library distinguishes itself in offering access to online journals under UGC infonet scheme. Through this service, Allama Iqbal Library projects a unique image by offering full texts of current and back volumes of more than four thousand four hundred internationally reputed journals on Sciences, Social Sciences and Humanities across the campus network. The other facilities offered by Allama Iqbal Library are spacious reading areas with central heating facility during the winter season. In addition, there is a comfortable seating arrangement, uninterrupted power-supply, canteen and aqua fresh coldwater facility offered to the clientele of the library. Moreover, adequate photocopying facilities

are available on all floors of the library building for the convenience of the library users.

The Internet Access Centre is an additional attraction of the library. The Centre with more than hundred computers offers adequate internet browsing/downloading and e-mail facility to students, scholars, teachers and others. The Internet Access Centre has enabled the Allama Iqbal Library to function as a gateway to worldwide resources with its mammoth bandwidth of 1 Mbps from ERNET, India, through V-SAT, provided under UGC infonet scheme and having subscribed to a Radio Link (1 Mbps) from Software Technology Park of India and 2Mbps from Airtel Bharti. Global access through these links has made it possible to use resources available in other world famous libraries by students and scholars of this University. The Allama Iqbal Library is visited by dignitaries from various states of the country and other parts of the world. The British High Commission has also created International Resource Cell (IRC) in the library where resources on Gender Studies, International Relations, Economics, Conflict Management, Sociology etc. are available to the users. It is a vibrant centre where activities like book review, film shows, face-to-face discussions and workshops are held regularly, besides access to some source material both in hard and soft forms.

Library Membership:

Each student admitted to a programme has to obtain a Library Membership Form (free of charge) from Allama Iqbal Library and after completing the requisite formalities shall have to submit it to the Library staff. Subsequently, the student shall be issued a library card which would enable him/her to use the library facilities. A maximum of three books are issued in the name of a student at a

time which are to be returned to the Library within 15 days, beyond which a pre-specified fine shall be charged from the student.

Internet Access Centre Membership:

The students admitted to various Programmes can acquire the membership of the Internet Access Centre after filling the application form and completing other requisite formalities.

Merit Scholarships and Student-aid Fund:

- a) Students selected for admission to various programmes in the University are eligible to receive two merit scholarships which are paid to the two top merit holders. Merit scholarship in favour of 1st & 2nd semester students is granted on the basis of merit obtained in the Entrance Examination, while in the 3rd + 4th/5th +6th Semesters it is granted on the basis of merit obtained in the 1st + 2nd / 3rd + 4th semesters. The scholarship is granted from the date of admission to the programme up to the last date of the examination, subject to a maximum period of 12 calendar months.
- b) **Research Scholarships:**
There are four research scholarships in each Department/Research Centre for carrying out research leading to the award of Ph D/M Phil degrees in addition to the contingency grant payable annually for meeting miscellaneous expenses.
- c) **Students-aid Fund:**
 - The University has also adopted a scheme called Student-aid Fund under which financial assistance is extended to meritorious students who come from low income group families.



- The *Kashmir University Alumni Association* also provides financial assistance to students with poor economic background. Preference, however, is given to orphans.

Hostel Accommodation:

The University maintains five hostels at the campus which are:

- Gani Kashmiri Hostel** for male research scholars.
- Habba Khatoon Girls Hostel** for female students.
- Mehboob-ul-Aalam Hostel** for male students
- Shaikh-ul-Aalam Hostel** for male students (presently under renovation)
- Maulana Anwar Shah Kashmiri Hostel** for male students.

Each hostel provides mess facility and service of room attendants to its boarders, in addition to recreation and other basic facilities. For accommodation in these hostels, the office of the Chief Warden invites applications from eligible and bonafide candidates. The allotment is made by a committee approved for the purpose according to certain prescribed norms. Meritorious students and those belonging to far-flung areas of the state are given preference. The detailed rules and regulations governing hostel accommodation can be had from the office of the Chief Warden. However, some of the basic rules are listed below:

- Each student is required to join the hostel mess as self-cooking is not allowed.
- Fee for accommodation (presently Rs 1450) is to be deposited in advance.
- The maximum time limit for hostel accommodation is as follows:
 - **MA/MSc/M Com/MBA/LLM/MLIS/M Pharmacy:** 2 years
 - **LLB / MCA:** 3 years
 - **BA-LLB, BBA-LLB, BBA-MBA:** 5 years
 - **B Pharmacy:** 4 years
 - **M Phil Scholars:** 1½ years
 - **Ph D Scholars:** 3 years

JRF/NET/SET Facilities:

The University facilitates and conducts examinations for UGC JRF, NET; CSIR JRF, NET and SET.

STUDENTS WELFARE DEPARTMENT

The Department of Students Welfare functions for the overall benefit and welfare of the student community of the University. The Department addresses the social and academic concerns of students through sustained and meaningful interaction in different forms. Its multifarious activities and units are briefly described below:

Annual Students Magazine:

The Department publishes an annual magazine "Gulala", which contains various literary and research articles written by students, teachers and research scholars. The magazine promotes the art and habit of writing among the students of the University.

Red Cross Unit:

The Red Cross Unit stands for the humanitarian assistance programme, executed through University Volunteers. The Unit keeps close liaison with IRCS, J&K Chapter and jointly organizes various programmes, workshops and blood donation camps and other related programmes at the campus.

Students' Grievance Cell:

Student's Grievance Cell looks after the grievances of the students and acts as a bridge between the University authorities and the students.

Special Cell for Specially Challenged Students:

The Cell provides facilities for specially challenged students within and outside the university system, which help them to ensure a dignified and respectable status and career after the completion of their studies. One of the prime concerns of the cell is also to sensitize the civil society about the diverse problems and challenges faced by the special category of our society.

Cultural Club:

A Cultural Club has been constituted with sections like Literary Club, Drama Club and Art Club. The Club organizes various activities including Seminars, Debates, Elocutions, Creative Writing Competitions, Fine Arts, Theatre Events, Youth Festivals, Cultural/Literary Tours, Youth Exchange Programmes at Local, Zonal, National and International levels.

KU Red Ribbon Club:

The main aim of the Club is sensitization and awareness of masses about HIV/AIDS through various interaction programmes. The Club also organises blood donation camps.

Educational Tour:

The Department also arranges educational tours for the students to visit various centres of excellence outside the valley. The students acquire learning experience by interacting with students and faculty members of other institutions.

Other Services:

Transport facility for students coming from District Headquarters and issuance of identity cards and character certificates to the students is also looked after by the Department.

RAGGING: A CRIME

Ragging has been termed as one of the serious crimes by the Supreme Court of India. University of Kashmir has a record of zero-level ragging incidences over the past years. Any act of ragging leads to punitive consequences. Immediate suspension of the student involved from class work, which on the recommendation of the Anti-Ragging Squad can culminate even in expulsion/rustication of the accused. Once an incident of ragging is reported to the Anti-ragging Squad, an FIR is lodged within 24 hours with the police station where the matter is treated like other serious crimes. The following act/s amount/s to ragging which is/ are strictly prohibited within as well as outside the University Campuses:

“Any conduct by any student or students whether by words spoken or written or by an act which has the effect of teasing, treating or handling with rudeness a fresher or any other student, or indulging in rowdy or undisciplined activities by any student or students which causes or is likely to cause annoyance hardship or psychological harm or to raise fear or apprehension thereof in any fresher or any other student or asking any student to do any act which such student will not in the ordinary course do and which has the effect of causing or generating a sense of shame, or torment or embarrassment so as to adversely affect the physique or psyche of such fresher or any other student, with or without an intent of deriving a sadistic pleasure or showing of power, authority or superiority by a student over any fresher or any other student”.

A victim of the crime of ragging or any one on his/her behalf can seek help from any of the following help-lines. Wrong reporting is, however, equally dangerous:-

1.	Professor Nilofar Khan	DSW 9419009189
2.	Professor Nisar Ah Rather	Chief Proctor 9205058150
3.	Dr Mohd Ayub Dar	Dy. Chief Proctor 9205058099
4.	Dr Naseer Iqbal	Dy. Chief Proctor 9205058147
5.	Dr S M Shafi	Proctor 9419077069

SPORTS

The University has a full-fledged Directorate of Physical Education and Sports with a Director and a team of qualified coaches for various games. There are spacious and well-maintained playing fields on the Campus, where Inter-College and Inter-University sports tournaments and championships are organized to encourage students to participate in sports activities of their choice. The participating students are encouraged by the University authorities through awards of cash prizes as well as medals and trophies. The University also provides opportunity to other sports-lovers to have tournaments in different sports in which people other than students also participate. The University Grants Commission has set up a Nodal Centre in the Directorate of Physical Education and Sports to foster the spirit of adventure sports in the universities and colleges of North India. The University of Kashmir has now become a facility centre for adventure sports like Ice-skiing, Ski-mountaineering, Mountaineering, Water-skiing, Kayaking and Canoeing, Aqua Para Shooting and White Water Rafting. Any bonafide student of a college and university can take part in the training programmes run by the Nodal Centre.

ENTREPRENEURSHIP DEVELOPMENT

The huge outflow of qualified people in Science and Technology (S & T), including scientists, engineers and technocrats from various government and private sectors, academic institutions in Kashmir, has resulted in an alarming increase in unemployment among the S & T youth in the Valley. The University offers assistance in Entrepreneurship Development and Self-employment opportunities among unemployed S & T persons of Kashmir so as to motivate them to choose entrepreneurship as their career and thus become job providers instead of job seekers. Many researchers in the University of Kashmir and its affiliated institutions are conducting innovative and commercially applicable research. However, an effort is yet to be made to coordinate and accentuate this research endeavour. Encouraging innovative and commercially applicable research will enable the flow of technology from academia to the industry. This shall help transform ideas into wealth and generate employment opportunities for many unemployed youth in the State. Entrepreneurship Development Cell (EDC) of the University provides a platform for inventors and innovators of the valley to facilitate them with workshop facilities for prototype fabrication, expert guidance on patenting and project report generation for establishing an SSI unit. EDC bridges the gap between the entrepreneur and the funding agencies.

Centre for Career Planning and Counselling:

To help students fulfil their genuine aspirations and desires, University of Kashmir established the Centre for Career Planning and Counselling in 2008. The mission of the Centre is to provide services and resources for students in career and educational planning as well as help them in their job search. In fact, the Centre provides a safe professional environment to deal with any issue affecting the students' studies. The major



objectives of the Centre are:

- To help students understand their issues and concerns;
- To find ways in which to manage or cope with their problems and also to exploit various career and job options.
- To advise members of academic, administrative or supporting staff on how to help a student solve problems that deters him/her from achieving his / her academic goals.
- To provide information and training for faculty and administrative staff through Staff Development Programme that will help them to act as Academic Counsellors in different department's/units of the University.

The main task of the Center is to plan and support career counselling, students' placement, marketing of the University and its programmes. In addition, the Center is also responsible for creating and sustaining relations with the public.

Health Service:

The University of Kashmir has its own Health Center with well qualified doctors and paramedical staff. The Health Center provides its services round the clock to students and employees, especially to those who live on the University Campus. The Health Centre provides treatment and essential medicines to patients free of cost. It also provides the following diagnostic facility to patients:

- **Diagnostic Laboratory:** The laboratory of the Health Centre is well equipped with latest Computerized Automatic Haematological Analyzer (Sysmex KX-21), Biochemistry Analyser and Electrolyte Analyser. The lab. is run by an expert technical staff.
- **X-Ray Unit:** The X-Ray unit of the Health Centre is equipped with 300 MA X-Ray plant.
- **ECG Unit:** The ECG unit of the Health Centre is equipped with 6 lead ECG machine which acquires 6 lead channels of patients simultaneously.
- The Health Centre has recently started its dental section with a complete Dental Unit. The unit is run by a Dental Surgeon who delivers high quality dental health care to needy students and staff.

Proctorial Organization:

The Department of Proctorial Affairs is an important organisation of the University of Kashmir. Regarded as an important functional area in the administrative machinery of the University, the overall wing is looked after by dedicated officers headed by the Chief Proctor.

Over the years, the structural base of University of the Kashmir has spread immensely. There are presently numerous buildings and many more are under construction. With such a huge property base coupled with an equally huge number of students and other inmates, the job of the Department of Proctorial Affairs has become all the more hectic and demands a constant effort for safeguarding the university assets. Moreover, maintaining a strict discipline on the campuses is always a top area of concern of the Proctorial Organization. In addition, the organization maintains entry and exit points. In collaboration with the Watch-n-Ward Wing and KUG Coys, the proctorial wing is one of the vital organs of the University with a statutory mandate of maintaining law and order to provide a conducive atmosphere and ambience for academic pursuits.

National Service Scheme:

National Service Scheme (NSS) inculcates the spirit of voluntary work among students and teachers for community service. It endeavours to combine knowledge and action to achieve results which are desirable for community development. The aim of NSS at the national level in general and at the university level in particular is to give an extensive dimension to the higher education system and orient students to community service while they are studying in educational institutions. The educated youth who are expected to hold the reins of administration in future are found to be unaware of the problems of the village/slum community and in certain cases are indifferent towards their needs and problems. Therefore, it is necessary to arouse their social conscience and provide them an opportunity to work with people in neglected areas. Over the years, NSS has emerged as India's largest student

youth movement in establishing ties with the community. The motto or watchword of National Service Scheme is not me but you. This reflects the essence of democratic living and upholds the need for selfless service and appreciation of the other person's point of view. The office of the NSS Programme Coordinator, University of Kashmir is the Nodal Center coordinating NSS activities at the University, College and at +2 levels. The NSS volunteers are drawn from students enrolled at University/ College and +2 levels. Each NSS unit comprises of 100 students whose activities are organized and coordinated by their respective programme officers. The In-charge of the NSS units at the University, College and +2 levels is the Programme Coordinator, NSS University of Kashmir. At present there are 47 NSS units working in 40 educational institutions in the valley.

Public Relations Centre:

Situated just near the Moulana Rumi Gate, Public Relations Centre, University of Kashmir is one of the important units in the University set-up. The Center acts as a bridge between the internal and external public of the University and the University administration. It has a student enquiry and Counselling Cell and the officer in-charge handles all matters pertaining to right to information act. All information regarding the examination schedules, timings etc. is available at the Centre. Besides, the PRC has a close association with media (both print and electronic) and ensures that the varsity gets due media coverage regarding its development work. The PRC collaborates at times with different centres and departments for organizing various events at the University. In 2007 and 2008, its organization of the UNO sponsored *Stand Up and Speak Out* won it a lot of acclaim.

The Public Relations Centre has a Guidance & Counselling Cell which caters to the needs of the students while they decide to choose various streams as careers after graduation. A counsellor looks after the cell.

Officer Incharge - Mr Showkat Shafi

Contact: 9419012159, 0194-2420134

DIRECTORATE OF INTERNAL QUALITY ASSURANCE (DIQA)

Acknowledging the importance of quality in higher education, the University of Kashmir converted the Internal Quality Assurance Centre, which was established in 2003, into a full-fledged Directorate as a post-accreditation quality sustenance activity.

I. Objective:

The primary aim of the DIQA is to develop a system for conscious, consistent and catalytic improvement in the performance of the University.

2. Functions:

- Development and application of quality benchmarks for various academic and administrative activities.
- Dissemination of information on various quality parameters of higher education.
- Organization of workshops, seminars, group discussions on themes related to quality assurance and sustenance.
- Preparation of the Annual Quality Assurance Report (AQAR) based on quality parameters identified by the National Assessment and Accreditation Council, Bangalore.

3. Networking of DIQA in the University:

The University of Kashmir has institutionalized quality assurance by upgrading Internal Quality Assurance Cell (IQAC) to the level of Directorate. The National Assessment and Accreditation Council (NAAC)

advocates the establishment of IQAC by all accredited institutions as a post-accreditation quality sustenance activity. In order to ensure timely, efficient and progressive performance of academic, administrative and financial activities, University of Kashmir has created Departmental Internal Quality Assurance Unit (DIQAU) in each Department/Research Centre/Institute. The spirit behind this move is to associate all departments/centres with the activities of DIQA and this synergistic approach has generated a team spirit amongst all stakeholders with a sense of participation, responsibility and commitment towards academic excellence. The composition of these units is as follows:

1	HOD/Director	Chairman
2	Senior-most faculty member other than the Head	01
3	Senior-most Associate Professor/ Senior Scientific Officer	01
4	Senior-most Assistant Professor/ Scientific Officer	01
5	Nodal Officer	01
6	Research Scholar	01
7	Student Representative	01

Note: Wherever the above mentioned positions are not available, the HOD/Director may include suitable members of faculty in the DIQAU.

4. Major Activities during 2008-2009

- Compilation and publication of an exhaustive Annual Quality Assurance Report (AQAR) wherein information about gross enrolment ratio, demand ratio of the programmes offered by the University, quality of research output measured in terms of Journal Impact Factor, research projects and academic collaborations, participation of faculty members in conferences and seminars, workshops etc., student support and progression (NET/SET/GRE/GATE etc.) was included for application of quality benchmarks for various academic and administrative activities.
- Preparation and submission of proposal to University Grants Commission, New Delhi under its UPE (Universities with Potential for Excellence) scheme.
- Organization of a series of meetings with Nodal Officers and sensitizing them about the recent and revised methodology devised by NAAC for accreditation and re-accreditation.
- Self-study report about the University spread over four (04) volumes for re-accreditation of the University is almost complete and would be submitted to National Assessment & Accreditation Council very shortly. Letter of Intent in this regard has already been submitted.
- Director, DIQA participated in several workshops and meetings pertaining to accreditation, re-accreditation, quality assurance and sustenance, including the Vice-Chancellors meeting on 'Policy Formulations for Recruitment of Teachers in Universities' at the National University for Educational Planning and Administration, New Delhi.

- Certain healthy practices for promotion and encouragement of competitiveness and quality in teaching-learning-research-extension process, DIQA invited and processed applications for award of certificates of merit and appreciation for Departments/Centres and faculty members for award of 'Best Department/Centre Award' and 'Best Teacher Award' for the year 2008-2009.
- Development of 'Performance Appraisal System' for assessment of annual performance of faculty members and linking the same with release of annual increments and promotions.
- Sensitizing college teachers about the various dimensions of internal quality assurance, need for establishment of Internal Quality Assurance Cell by all accredited institutions and provision of special financial assistance in the 11th Five-year Plan.

5. Additional Information:

- To institutionalize DIQA, University Council approved the following substantive positions of Director (01), Deputy Director (01) and Assistant Directors (03).
- Student-feedback forms on institutional facilities, curricular and student-support facilities are available in every Department/Centre for use by students.
- A small fund is available with every DIQA unit for use in accordance with prescribed guidelines.



THE FACULTIES



FACULTY OF ARTS



- DEPARTMENT OF ARABIC
- DEPARTMENT OF ENGLISH
- INSTITUTE OF FOREIGN LANGUAGES
- DEPARTMENT OF HINDI
- DEPARTMENT OF KASHMIRI
- DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE
- DEPARTMENT OF LINGUISTICS
- DEPARTMENT OF PERSIAN
- DEPARTMENT OF SANSKRIT
- DEPARTMENT OF URDU

Dean: Professor A H Tak



DEPARTMENT OF ARABIC

Year of Establishment: 1980

Faculty Details:

- | | |
|-------------------------|----------------------------|
| 1. Dr Manzoor Ah Khan | Professor |
| 2. Pz Basheer Ahmad | Associate Professor |
| 3. Dr Shad Hussain | Senior Assistant Professor |
| 4. Dr Abdul Rahman Wani | Senior Assistant Professor |
| 5. Dr Salahud-din Tak | Senior Assistant Professor |
| 6. Mr Tariq Ahmad | Assistant Professor |

Head of the Department: Pz Basheer Ahmad

Programmes Offered: M A (Arabic)

Duration:	2 years/ 4 Semesters
Intake Capacity:	65+20 Self-financed Seats
Eligibility Criteria: Three-year B A Programme with Arabic as one of the subjects or an equivalent degree recognized by the University.	

Course Titles: M A (Arabic)

Semester I

1. Classical Arabic Poetry- I
2. Classical Arabic Prose
3. History of Arabic Literature
4. Applied Grammar & Translation

Semester II

1. Advanced Arabic Grammar
2. Classical Arabic Poetry-II
3. Modern Arabic Prose
4. Language Comprehension, Translation & Oral Expression

Semester III

1. Arabic Drama & Short Story
2. Modern Arabic Poetry
3. (a) Indo-Arabic Literature
(b) Arabic Literature in Muslim Spain
4. (a) Contemporary Arab World (Society & Culture)
(b) Methodology of Research & Teaching of Arabic

Semester IV

1. Arabic Novel
2. (a) Mahjari Arabic Literature
(b) Special Study of a Writer(al-jahiz/ Taha Hussain/ al-Aqqad/Najib Mehfoz)
(c) Special Study of a Poet/Critic (Mutanbbi/ Ahmad Shouqi/ Mekhail Nuaima, Shauqi Dhaif)
3. Literary Criticism, Balagah & Prosody
4. Translation, Composition & Oral Expression

Post-graduate Diploma in Modern Spoken Arabic

Duration:	01 Year
Intake Capacity:	25
Eligibility Criteria : Graduation in any discipline with Certificate Course in Modern Spoken Arabic, OR Graduation with Arabic as one of the subjects OR Graduation with evidence of good knowledge of Arabic.	

Course Titles: Post-graduate Diploma in Modern Spoken Arabic

- Arabic Text Applied Grammar
- Advanced Arabic Grammar
- Translation & Composition
- Oral Expression



Research Programmes Offered: M Phil and Ph D

Thrust Areas:

- Classical Arabic Literature
- Modern Arabic Literature
- Indo-Arabic Literature
- Drama & Fiction
- Literary Criticism
- Translation & Interpretation

Additional Information:

The Department has been publishing an annual research journal in Arabic, *Majallah-Al-Dirasar Al-Arabia* (Journal of Arabic Studies) since December 2002 which has received wide acclaim and appreciation.

Al-NADI AL-ARABI' (Arabic Literary Society) of the department organizes weekly seminars in Arabic. Research scholars and postgraduate students of the Department make presentations in these weekly seminars. Further, the department organizes extension lectures delivered by eminent scholars and faculty from other Universities and reputed institutions.

DEPARTMENT OF ENGLISH

Year of Establishment: 1954

Faculty Details:

- | | |
|----------------------------|----------------------------|
| 1. Dr A H Tak | Professor |
| 2. Dr Mohammad Aslam | Professor |
| 3. Dr Lily Want | Professor |
| 4. Dr Hamida Bano | Associate Professor |
| 5. Dr G R Mir | Associate Professor |
| 6. Dr Nusrat Jan | Senior Assistant Professor |
| 7. Dr Iffat Maqbool | Assistant Professor |
| 8. Dr Mufti Mudasir Mehraj | Assistant Professor |
| 9. Dr Tasleem A War | Assistant Professor |

Head of the Department: Professor A H Tak

Programme Offered: M A (English)

Duration:	2 years / 8 Semesters
Intake Capacity:	55+ 17 Self-financed Seats
Eligibility Criteria: Three-year B A programme with English Literature as one of the subjects.	

Course Titles: M A (English)

Semester I

- 18th & 19th Century Novel
- Drama I
- Non-fictional Prose
- Linguistics & Stylistics

Semester II

- Poetry I: From Chaucer to Pope
- Drama II
- 20th Century Novel



- English Language Teaching

Semester III

- Poetry II (Romantic & Victorian)
- American Literature (19th & 20th Century Novel)
- Literary Theory I
- Indian Writing in English (Option I)
- Translation and Translation Theories (Option II)
- Comparative Literature (Option III)

Semester IV

- Poetry III
- Literary Theory II
- American Literature II (Poetry and Drama)
- New Literatures in English: Poetry & Novel (Option I)
- Classics in Translation (Option II)
- Literature and Gender (Option III)

Research Programmes offered: M Phil and Ph D

Thrust Areas:

- Literary Theory
- Comparative Literature
- Linguistics and ELT

- Contemporary New Literatures
- Indian Writing in English

Additional Information:

The Department has commendable achievements to its credit in the areas of research and publications. Apart from several books written by various faculty members, the department has been publishing a quality journal, *English Studies in India* annually which is devoted to English language and Literature. Besides it has a section containing translation of literary pieces from Urdu and Kashmiri literatures. The following books have been edited by the department

- *Approaches to Literary Translation*
- *Twentieth Century English Prose*
- *A Selection of English Prose*
- *Experience and Emotions* (Textbook for BA Part 1)
- *Actions and Emotions*
- *Varieties of English* (Textbook for 2nd year Degree Programme)
- *Ideas and Emotions* (Text book for BA Part II)
- *Student Anthology of Non-Fictional Prose*. (Textbook for MA English)
- *Critical Perspectives* (Textbook for PG Programme).



INSTITUTE OF FOREIGN LANGUAGES

Year of Establishment: 1976

Faculty Details:

- 1. Dr Bashir Ahmad Associate Professor (German)
- 2. Dr G M Bhat Senior Assistant Professor (French)
- 3. Mr Irfan Fazili Assistant Professor (Russian)

Head of the Department: Dr Bashir Ahmad

Programmes Offered: Diploma in French and German Languages

Duration:	01 year (Part time)
Intake Capacity:	25+ 8 Self-financed Seats (for each programme)
Eligibility Criteria : Candidates having passed Certificate course in French or German OR 10+2 and knowledge of French and German.	

Certificate Course in French, German and Russian Languages

Duration:	01 year (Part time)
Intake Capacity:	25 students in each Language + 8 Self-financed Seats.
Eligibility Criteria : Candidates having passed 12th class examination and above.	

Thrust Area:

- Language Teaching

Additional Information:

The Institute is proposing to offer part-time Programmes up to the Advanced Diploma Programmes in French, German and Russian and also aims to introduce M A programmes in the Language, Literatures and Cultural Studies of different languages.



DEPARTMENT OF HINDI

Year of Establishment: 1956

Faculty Details:

- | | |
|-----------------------|----------------------------|
| 1. Dr Zohra Bi Afzal | Professor |
| 2. Dr Dilshad Jeelani | Associate Professor |
| 3. Dr Zahida Jabeen | Senior Assistant Professor |
| 4. Dr Ruby Zutshi | Senior Assistant Professor |
| 5. Dr Mazhar A Khan | Assistant Professor |

Head of the Department: Professor Zohra Afzal

Programmes Offered: M A (Hindi)

Duration:	2 years
Intake Capacity:	60+ 18 Self-financed Seat
Eligibility Criteria: Three-year B A programme with Hindi as one of the subjects.	

Course Titles: M A (Hindi)

Semester I

- History of Hindi Literature (Reetikal Tak)
- Madhyakaleen Kavya-I
- Indian Criticism
- Hindi Bhasha

Semester II

- History of Hindi Literature (Aadunik-kal)
- Madhyakaleen Kavya-II
- Western Criticism
- Gadhya ki Nayee Vidhaye

Semester III

- Adhunik Kavita-I

- Katha Sahitya (Hindi Upanayas)
- Hindi Natak Aur Rangmanch
- Prayojan Mulak Hindi

Optional Papers:

- Anuvad Vigyan
- Kosh Vigyan-I
- Urdu Sahitya Ka Visesh Adhayan-I

Semester IV

- Adhunik Kavita II
- Katha Sahitya (Hindi Kahani)
- Hindi Natak,
- Patrakrita Evam Jansanchaar ke Madhyam (Journalism & Media of Mass Communication)

Optional Papers:

- Anuvad Vigyan-II
- Kosh Vigyan-II
- Urdu Sahitya Ka Visesh Adhayan-II

P G Diploma in Hindi

Duration:	01 year
Intake Capacity:	5 students
Eligibility Criteria: Bachelor's degree in any discipline.	

Course Titles: (PG Diploma) Hindi Language

- Essay & Grammar
- History of Hindi Literature
- Medieval Poetry
- Viva voce



Certificate Course in Spoken Hindi (Part-time)

Duration:	01 year
Intake Capacity:	15 students
Eligibility Criteria: 10+2 and above	

Course Titles: Certificate Course in Spoken Hindi (Part-time)

- Language and Oral Test
- Prose and Grammar
- Poetry and Applied Hindi
- Essay and Translation
- Viva-Voce

Research Programmes Offered: M Phil and Ph D

Thrust Areas:

- Katha Sahitya (Fiction)
- Natak (Drama)
- Adhunik Kavya



DEPARTMENT OF KASHMIRI

Year of Establishment: 1974

Faculty Details:

- | | |
|----------------------------|---------------------|
| 1. Dr Mohammad Shafi Lone | Professor |
| 2. Dr Mohammad Ramzan Shah | Professor |
| 3. Dr Ab Rashid Malik | Professor |
| 4. Dr Rattan Lal Talashi | Assistant Professor |
| 5. Dr Mehfooza Jan | Assistant Professor |

Head of the Department: Professor M Ramzan Shah (Shad Ramzan)

Programmes Offered: M A (Kashmiri)

Duration:	2 years
Intake Capacity:	55+ 17 Self-financed Seats
Eligibility Criteria: Three-year B A with Kashmiri as one of the subjects OR Honours Kamil in Kashmiri OR Diploma in Modern Spoken and Literary Kashmiri with specialization in Ancient and Modern Kashmiri Literature.	

Course Titles: M A (Kashmiri)

Semester I

1. Praeny Kaeshir Shayiri
2. Kaeshur Afsani
3. Kaeshryuk Sakht
4. Kaeshri Adbuk Tawarikh

Semester II

1. Tanqidee Nazriyi
2. Novel
3. Mathnavi
4. Kashiri Hund Saqafati Tawarikh

Semester III

1. Nav Shayiri
2. Drama
3. Nazriyati Lisaniyat
4. Tehqiqi Mutali (Option -I)
5. Lekhnuk Fann (Option-II)

Semester IV

1. Tarjamuk Fann
2. Taqabuli Adab
3. Luki Adab
4. Mashriqi Shariyat (Option-I)
5. Amlu Tanqid (Option-II)

Diploma in Kashmiri

Duration:	1 years
Intake Capacity:	50+ 15 Self-financed Seats
Eligibility Criteria: Three-year BA/BSc/BCom programme OR Candidates having passed the Honours examination in Oriental Classical Language and English of B A standard.	

Course Titles: Diploma in Kashmiri

- Kashmiri Phonology and Script
- Use of Kashmiri
- History of Kashmiri Literature
- Kashmiri Poetry and Prose

Research Programmes Offered: M Phil and Ph D

Additional Information:

The Department has a publication wing that publishes books in various disciplines of knowledge and an annual research journal, *Anhaar*.



DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE

Year of Establishment: 1970

Faculty Details:

- | | |
|---------------------------|---------------------|
| 1. Dr S M Shafi | Professor |
| 2. Mr Shabir Ahmad Ganaie | Assistant Professor |
| 3. Dr Sumeer Gul | Assistant Professor |
| 4. Miss Rosy Jan | Assistant Professor |
| 5. Mr Nadim Akhtar Khan | Assistant Professor |

Head of the Department: Professor S M Shafi

Programme Offered: Masters in Library and Information Science (MLIS)

Duration:	2 years
Intake Capacity:	32 + 9 Self-financed Seats
Eligibility Criteria: B Sc, BCom, BA, BCA, BBA, BIT, MCMP	

Course Titles: Masters in Library and Information Science (MLIS)

Semester I

1. Foundations of Library and Information Science
2. Knowledge Organization (Classification & Cataloguing: Theory)
3. Knowledge Organization (Classification & Cataloguing: Practice)
4. Library Operations

Semester II

1. Information Sources
2. Reference and Information Services
3. Information Technology (Theory)
4. Information Technology (Practice)

Semester III

1. Information Retrieval
2. Research Methods and Statistical Techniques
3. Library Management
4. Special Library System: (Electives)
 - Digital Library System
 - Oriental Library System
 - Public Library System
 - School Library System

Semester IV

1. Information Technology- Application (Theory)
2. Information Technology- Application (Practice)
3. Information Systems: (Elective)
 - Health Science Information System
 - Business Information System
 - Agricultural Information System
 - Environmental Information System
 - Social Science Information System

Research Programmes Offered: Ph D and M Phil

Thrust Areas:

- Digital Library Development
- E-content Design and Development
- Open Scholarship
- Web Access: Tools and Impact

Additional Information:

The Department has:

- a) Two Computer Labs fitted with systems of different configurations with Internet facility.
- b) Multimedia Unit with equipments for Creation, Access and Display.

- c) Learning Resources Unit with Print and Digital Resources.
- d) Compulsory Annual Education cum Study Programme.
- e) Hosted Web Portal in collaboration with DSIR (Government of India) New Delhi documenting "Floral Potential of J&K" accessible at: www.jkflora.org.in
- f) Hosting e-print archives shortly.
- g) The Department brings out a biannual Research Journal, *Trends in Information Management* (TRIM) (ISSN 0974163) indexed, abstracted and web enabled through EBSCO (USA).





DEPARTMENT OF LINGUISTICS

Year of Establishment: 1991

Faculty Details:

- | | |
|------------------------|----------------------------|
| 1. Dr Nazir Ahmad Dhar | Professor |
| 2. Dr Aadil Amin Kak | Senior Assistant Professor |
| 3. Dr Aejez M Sheikh | Assistant Professor |
| 4. Dr Musavir Ahmad | Assistant Professor |

Head of the Department: Professor Nazir A Dhar

Programme Offered: M A Linguistics

Duration:	2 years
Intake Capacity:	40+ 12 Self-financed Seats
Eligibility Criteria: Three-year degree programme in any discipline.	

Course Titles: M A Linguistics

Semester I

1. General Linguistics
2. Foundations of Linguistics
3. Phonetics
4. Morphology

Semester II

1. Phonology
2. Syntax
3. Semantics and Pragmatics
4. Sociolinguistics

Semester III

1. Historical Linguistics
2. Language Acquisition and Teaching

3. Translation and Lexicography
4. Language Typology
5. Computational Linguistics
6. Schools of Linguistics

Semester IV

1. Language and Mind
2. Dialectology
3. Anthropological Linguistics
4. Functional English
5. Language and Media
6. ELT
7. Language and Literature

Research Programme Offered: M Phil and Ph D

Thrust Areas

- Dialectology
- Language and Mind
- Sociolinguistics
- ELT (English Language Teaching)
- Computational Linguistics
- Anthropological Linguistics

Additional Information:

The Department publishes an Interdisciplinary Journal of *Linguistics* annually and has been allotted the following projects:

- *Survey of Kashmiri Dialects* - a project under the supervision of Professor Nazir Ahmad Dhar granted by CIIL Mysore.
- *Developing of Language Tools and Linguistics Resources in Kashmiri* - a project under the

supervision of Dr Aadil Amin Kak granted by the Ministry of Communication and Information Technology, New Delhi.

- *Survey of Surnames in Kashmiri* - a project under the supervision of Professor Nazir Ahmad Dhar, granted by CIIL, Mysore.
- *Survey of Placenames in Kashmiri* - a project under the supervision of Professor Nazir Ahmad Dhar granted by CIIL, Mysore.



DEPARTMENT OF PERSIAN

Year of Establishment: 1962

Faculty Details:

- | | |
|----------------------|---|
| 1. Dr M M Masoodi | Professor |
| 2. Dr Syedah Rukaya | Professor |
| 3. Dr Zubaida Jan | Associate Professor |
| 4. Dr M Y Lone | Associate Professor |
| 5. Dr Jahangir Iqbal | Assistant Professor
(under Innovative Programme) |
| 6. Dr M Shafi Khan | Instructor
(on unauthorized leave) |

Head of the Department: Professor M M Masoodi

Programmes Offered: M A (Persian)

Duration:	2 years
Intake Capacity:	55+ 17 Self-financed Seats
Eligibility Criteria: B A with Persian as one of the subjects.	

Course Titles: M A (Persian)

Semester I

1. Classical Persian Poetry (Qasida & Mathnavi)
2. Classical Persian Prose
3. Classical Persian Poetry (Ghazal & Rubayat)
4. Modern Spoken Persian

Semester II

1. History of Persian Literature from Early Tahiris to 1092 A.D.
2. Indo Persian Literature
3. Persian Poetry
4. Modern Spoken Persian

Semester III

1. History of Persian Literature (from 1092 A.D. to the End of Tamorids)
2. Literary Criticism
3. Essay in Persian. Translation & Prosody
4. Modern Persian Prose

Semester IV

1. History of Persian Literature (from Safavida to Modern Period 1979)
2. Representative Persian Poets & Prose Writers of Kashmir
3. Sufistic Literature
4. Modern Spoken Persian

PG Diploma in Persian

Duration:	01 Year
Intake Capacity:	20+6 Self-financed Seats
Eligibility Criteria: B A in Arts or Social Science with Urdu or Persian as one of the subjects.	

Course Titles: PG Diploma Persian

1. Modern Spoken Persian
2. Essay Writing and Grammer
3. Translation of some Important Character
4. Persian Poetry and Prose
5. Vice-Voce

Certificate Course in Modern Spoken Persian

Duration:	01 Year
Intake Capacity:	20+6 Self financed Seats
Eligibility Criteria: 12th Class examination.	

Course Titles: Certificate Course in Modern Spoken Persian

1. Modern Spoken Persian
2. Essay Writing and Grammer

PG Diploma in Translation (Persian)

Duration:	01 Year
Intake Capacity:	20 Seats
Eligibility Criteria: Graduation in Humanities with Urdu or Persian as one of the subjects.	

Research Programmes Offered: M Phil and Ph D

Thrust Areas:

- Development of Persian
- Literature & Culturology of Kashmir with special reference to Indo-Persian

Additional Information:

The University has entered into MOU with Iran Culture House, Government of Islamic Republic of Iran, New Delhi. In this connection Utaqi Iran has been established in the Department of Persian.

The Department has introduced a Computer Crash Course for regular students

The Department deputed seven teachers/ students to Tehran, Iran under MOU for a forty five-day course in Modern Spoken Persian.



DEPARTMENT OF SANSKRIT

Year of Establishment: 1983

Faculty Details:

- | | |
|---------------------------|---------------------|
| 1. Dr Satyabhama Razdan | Professor |
| 2. Mr M D Mehraj Ahmad | Assistant Professor |
| 3. Dr Kartar Chand Sharma | Assistant Professor |

Head of the Department: Professor S Razdan

Programmes Offered: M A Sanskrit

Duration:	2 years
Intake Capacity:	26 Seats
Eligibility Criteria: Three-year B A with Sanskrit as one of the subjects or B A / B Sc/ B Com plus P G Diploma in Sanskrit.	

Course Titles: M A (Sanskrit)

Semester I

1. Vedic Language & Literature
2. Sanskrit Grammar
3. Indian Philosophy
4. Indian Peetics

Semester II

1. Sanskrit Drama & Poetry
2. Linguistics
3. Indian Philosophy
4. Indian Peetics

Semester III

1. Epics and History Poetry of Kashmir
2. Sanskrit Prose & Compu Kavya
3. Vedant and Kashmir Saivism
4. Epigraphy & Paleography

Semester IV

1. Indian History, Language and Cul
2. Indian Peotics
3. Kashmir Saivism & Sufism
4. Aayurveda

P G Diploma in Sanskrit

Duration:	1 years
Intake Capacity:	20 Seats
Eligibility Criteria: Three-year B A / B Sc/ B Com.	

Course Titles: P G Diploma in Sanskrit

1. History of Sanskrit Literature
2. Sanskrit Peotry

3. Sanskrit Prose and Drama
4. Sanskrit Grammar and Translation

Certificate Course in Sanskrit (part-time)

Duration:	1 years
Intake Capacity:	15 seats
Eligibility Criteria: Matriculation and above.	

Course Titles: Certificate Course in Sanskrit (part-time)

1. Sanskrit Grammar (Introduction)
2. Sanskrit Essay Writing and Translation
3. Sanskrit Prose & Poetry
4. Conversation & Unseen Passage



DEPARTMENT OF URDU

Year of Establishment: 1958

Faculty Details:

1. Dr Nazir Ahmad Malik	Professor
2. Dr Majeed Muzmar	Professor
3. Dr Mehbooba Wani	Professor
4. Dr Sujan Kour	Professor
5. Dr Mansoor Ahmad Mir	Associate Professor
6. Dr Arifa Bushra	Senior Assistant Professor
7. Ms Kousar Rasool	Assistant Professor

Head of the Department: Professor Majeed Muzmar

Programmes Offered: M A Urdu

Duration:	2 years
Intake Capacity:	65+20 Self-financed Seats
Eligibility Criteria: Three-year B A programme with Urdu as one of the subjects.	

Course Titles: M A Urdu

Semester I

1. History of Urdu Language & Literature
2. Urdu Ghazal and Nazam
3. Urdu Prose
4. Urdu Short Story

Semester II

1. Urdu Novel
2. Classical Genres of Urdu Poetry
3. Introduction to Language & Linguistics
4. Literary Trends & Movements

Semester III

1. Urdu Criticism
2. Urdu Drama
3. Non-Fictional Genres of Urdu Prose
4. Development of Urdu in J & K State (Option -I)
5. History of Kashmiri Language & Literature (Option -II)

Semester IV

1. Translation - Theory & Practice
2. Teaching of Urdu
3. Urdu Mass Media
4. Literary Theory
5. World Classics (An Introduction)
6. Special Study of Individual Author Ghalib
7. Special Study of Individual Author Iqbal

P G Diploma in Urdu Mass Media (Self financed)

Duration:	01 year / 2 Semesters
Intake Capacity:	15 Seats
Eligibility Criteria: Graduation in any stream.	

Course Titles: P G Diploma in (Urdu Mass Media)

Semester I

1. Communication - Nature & Characteristics
2. History & Growth of Media
3. Media Law and Ethics
4. Print Media
5. Photo Journalism



Semester II

1. Urdu Journalism
2. Radio Programming
3. T V Production
4. International Communication
5. Functional Urdu

Research Programme Offered: M Phil and Ph D

Thrust Areas

- a) Literary Criticism
- b) Development of Urdu in J & K State
- c) Culturology of Urdu Language & Literature.
- d) Modernism & Post Modernism.

Additional Information:

The Department publishes a departmental journal titled *Bazyaft*; a newsletter titled *Aagahi* and carries out literary activities under the rubric of *Bazm-e-Adab*.



FACULTY OF COMMERCE & MANAGEMENT STUDIES

- DEPARTMENT OF BUSINESS & FINANCIAL STUDIES
- THE BUSINESS SCHOOL

Dean: Professor Musadiq Amin Sahaf

DEPARTMENT OF BUSINESS AND FINANCIAL STUDIES

Year of Establishment: 1970

Faculty Details:

1. Dr S Fayyaz Ahmad	Professor
2. Dr Gh Mohi-ud-Din Dar	Professor
3. Dr Khurshid Ahmad Butt	Professor
4. Dr Nazir Ahmad Nazir	Professor
5. Dr Riyaz Ahmad Rainayee	Associate Professor
6. Dr Mushtaq Ahamed Bhat	Associate Professor
7. Dr Mohamad Shafi	Senior Assistant Professor
8. Er Kaiser Rasheed Gattoo	System Analyst
9. Dr Parvaiz Ahmad Shah	Assistant Professor
10. Mr Sartaj Hussain	Assistant Professor

Head of the Department: Professor Nazir A Nazir

Programmes Offered: Master of Commerce (M Com)

Duration:	(2 years/ 4 Semesters)
Intake Capacity	65 + 20 Self-financed Seats
Eligibility Criteria: Three-year B Com/BBA/BBM/BBS or BA /B Sc with PG Diploma in Accountancy/ Cost Accountancy/ Cost & Management Audit.	

Course Titles: M Com

Semester I

1. Organisational Behaviour
2. Accounting for Managerial Decisions
3. Quantitative Techniques
4. Business Economics
5. Computer Applications in Business

Semester II

1. Human Resource Management
2. Accounting for Management Control
3. Marketing Management
4. Corporate Finance
5. Research Methodology

Semester III

1. Corporate Tax Planning & Management
2. Strategic Management
3. International Business

(Any two of the following groups)

- **Group A (Finance)**
 4. Indian Financial System
 5. Accounting Theory
 6. Project Report
- **Group B (Marketing)**
 4. Services & Customer Relationship Marketing
 5. Retailing and Distribution Management
 6. Project Report.
- **Group C (Human Resource)**
 4. Human Resource Development
 5. Organisational Development
 6. Project Report
- **Group D (Taxation)**
 4. Contemporary Issues in Taxation
 5. Public finance & Fiscal Policy
 6. Project Report

Semester IV

1. Business Ethics
2. Capital Investment & Financing Decisions
3. E-Commerce

(Any two of the following groups)

- **Group A (Finance)**
 4. Security Analysis & Portfolio Management
 5. Financial Risk Management & Derivatives
 6. Merchant Banking Operations.
- **Group B (Marketing)**
 4. Consumer Behaviour & Marketing Research
 5. International Marketing
 6. Advertising & Sales Management.
- **Group C (Human Resource)**
 4. Labour Welfare and Legislation
 5. Wages & Salary Administration
 6. Labour Management Relations
- **Group D (Taxation)**
 4. Central Excise Law- Planning & Management
 5. Customs Law- Planning & Management
 6. Value Added Tax



Master of Finance & Control (MFC)

Duration:	2 years / 4 Semesters
Intake Capacity:	30 + 09 Self-financed Seats
<p>Eligibility Criteria: Bachelors Degree in Commerce/ Management/Arts/Science under 10+2+3 scheme; OR Bachelors degree in Agriculture/ Engineering/ Law(professional) /Medicine/ Technology; OR Having passed the final examination of the Institute of Chartered Accountants of India or Cost and Works Accountants of India or Company Secretaries of India; OR Having obtained any other qualification which is recognised by the University of Kashmir as equivalent to the qualifications laid down in clause (1) or (2) of MFC Statutes.</p>	

Course Tiltes: MFC

Semester I

1. Management of Organisations
2. Managerial Economics
3. Financial Accounting
4. Statistical Analysis
5. Indian Financial System
6. Information Technology for Managers
7. Business environment & Regulatory Framework
8. Comprehensive Viva-Voce

Semester II

1. Organisational Behaviour
2. Monetary Economics
3. Corporate Accounting and Reporting
4. Operations Research
5. Corporate Finance
6. Financial Risk Management and Derivatives
7. Security Analysis and Portfolio Management
8. Comprehensive Viva-Voce

Semester III

1. Strategic Management
2. Accounting for Decision Making
3. Funds Management in Commercial Banks
4. Financial Management
5. Project Planning and Evaluation
6. Corporate Tax Planning and Management
7. Insurance Management
8. Project Report

Semester IV

1. Business Ethics & Corporate Governance
2. Corporate Valuation & Re-structuring
3. Asset-Liability Management in Banks
4. International Financial Management
5. Management Information System
6. Management Control System
7. Services Marketing
8. Seminar Presentation.

Research Programmes Offered: M Phil and Ph D

Thrust Areas

- Accounting and Finance
- Security Market
- Global Marketing Issues
- Value Based Management and Personality Development
- Emerging Issues in HRD/ HRM/ Industrial Relations
- Entrepreneurship Development
- Industrial Development in J&K
- Services Marketing
- Information Technology and E-Commerce
- Financial Services

Additional Information:

■ Departmental Library:

It is being run by the Department as a supplement to the University Central Library on the Campus. The library houses a wide spectrum of National and International Journals/ Periodicals in addition to about 8,000 books.

■ Computer Lab:

The Department has a Computer Laboratory equipped with relevant Business Oriented Softwares for providing training to students. 24 hour Internet connectivity is provided for use of the faculty, scholars and students. The entire Department is connected through Local Area Network (LAN).

■ Audio Visual Lab:

The Department has an Audio Visual Lab consisting of TV's, VCR's and over 200 Commerce and Management films, CD's etc.

■ Multi-media Classroom:

The Department has multi-media classrooms with Overhead Projectors, LCD's and internet connectivity.

■ Business Study Tour:

The Department organises study tours to industrial centres within and outside the State in order to orient students with the practical realities of the industrial world.

■ Placements:

The Department seeks placement of students in potential companies. It has a placement cell which maintains a corporate database and provides counselling to students.



THE BUSINESS SCHOOL

Year of Establishment: 1991

Faculty Details:

- | | |
|---------------------------|---------------------|
| 1. Dr A M Shah | Professor |
| 2. Dr Musadiq Ahmad Sahaf | Professor |
| 3. Dr Shabir Ahmad Bhat | Professor |
| 4. Dr S Mufeed Ahmad | Professor |
| 5. Dr Iqbal Ahmad Hakeem | Associate Professor |
| 6. Dr Mushtaq Ahmad Darzi | Associate Professor |
| 7. Dr Farooq Ahmad Khan | Associate Professor |
| 8. Dr Bashir Ahmad Joo | Associate Professor |
| 9. Mr Rafi Ahmad Khan | Research Associate |
| 10. M Ayub Shah | Placement Officer |
| 11. Ms Farzana Gulzar | Assistant Professor |
| 12. Mr Tariq Ahmad Lone | Assistant Professor |

Director: Professor Musadiq A Sahaf

Programmes Offered: Master of Business Administration (MBA)

Duration:	2 years/ 4 Semesters
Intake Capacity:	45 + 14 Self-financed Seats
Eligibility Criteria:	
(a) Graduation in Arts, Management, Science, Social Science, Commerce, Agriculture, Law (Professional), Engineering, Medicine, Technology, etc or any other degree recognized by the University as equivalent to said degree. OR	
(b) Having passed the final examination of the Institute of Chartered Accountants/ Cost and Works Accountants.	

Course Titles: MBA

Semester I

1. Management Process and Organizational Behavior
2. Quantitative Methods
3. Business Economics
4. Business Communication
5. Business Ethics and Corporate Governance
6. Accounting for Managers
7. Computer Applications in Management
8. Viva-Voce

Semester II

1. Organization Effectiveness and Change
2. Human Resource Management
3. Managerial Finance
4. Marketing Management
5. Production and Operations Management
6. Decision Support System
7. Research Methodology
8. Viva-Voce

Semester III

1. Strategic Management
2. Business Law
3. Viva-Voce
(Plus 5 Optional Papers 3 from Major and 2 from Minor area of specialization)

Semester IV

1. Training Project
2. Viva-Voce
(Plus 3 Optional Papers 2 from Major and 1 from Minor areas of specializations)

**Optional Papers for Semesters III and IV
Marketing**

1. Consumer Behaviour
2. Advertising Management
3. International Marketing
4. Brand Management
5. Sales and Distribution Management
6. Business Marketing
7. Retail Management
8. Services Marketing
9. Strategic Marketing
10. e-Commerce

Finance

1. Security Analysis & Investment Management
2. Indian Financial System
3. Financial Risk Management
4. Project Appraisal, Finance and Management
5. Management Control System
6. Corporate Tax Planning and Management
7. Working Capital Management.
8. Financial Derivatives
9. Microfinance
10. Islamic Banking and Finance

OB & HRD

1. Human Resource Development: Strategies and Systems
2. Organizational Development
3. Management Training and Development
4. Managing Interpersonal and Group Processes
5. Human Resource Planning and Development
6. Cross Cultural and Global Management
7. Management Development
8. Management of Comparative Relations



**Research Programmes Offered:
M Phil and Ph D**

Additional Information:

The Business School is a professional school of management and has been consistently rated among the leading University Business Schools in surveys conducted by several national agencies and published in several reputed magazines like Business Standard, Indian Management, Competition Success Review. The Business School offers quality management education using rigorous multifaceted pedagogy with an effective interface with industry to translate its mission into action. It creates opportunities for its students to develop their understanding of economic, social and political environment; to enhance their ability not only to adjust to change but to become catalyst, and to develop their power to conceptualize, decide and communicate. While the Business School has achieved high standards of excellence in its academic programmes, it intends to achieve and sustain excellence as one of the leading business schools in India.

The programmes offered by the Business School are approved by AICTE, UGC and the Ministry of HRD, Government of India. The Business School is also an institutional member of the prestigious Association of Indian Management Schools (AIMS). The Business School has a full-fledged placement cell working for the training and placement of students and has developed close relationships with the corporate sector in India. As a result, students of the School have been placed in leading national and multinational companies, Maruti, Tata Motors, JK Tyres, Air Tel, Aircel, Asian Paints, Tata Tele, HDFC Bank, Yes Bank etc.

- 9. Management of Industrial Relations
- 10. Manpower Development for Technological Change

- 8. Multi-Media Management
- 9. E-Business
- 10. Business Intelligence

Production and Operations Management

- 1. Purchasing and Material Management
- 2. Total Quality Management
- 3. Production Planning and Control
- 4. Applied Operations Research
- 5. Logistics Management
- 6. Goal Programming in Management
- 7. Transportation Management
- 8. Service Operations Management
- 9. World Class Manufacturing
- 10. Business Process Reengineering

Information Technology Management

- 1. Management Support System
- 2. Business Process Re-engineering
- 3. System Analysis and Design
- 4. Strategic Management of Information Technology
- 5. Advanced Data Base Management System
- 6. Telecommunication for Business
- 7. ERP

Thrust Areas:

- Marketing
- Finance
- Human Resource
- Information Technology

MBA Integrated

Duration	5 years / 10 Semesters
Intake Capacity	40 + 10 Self-financed Seats
Eligibility Criteria: The candidate must have passed 10+2 Examination in Arts OR Science OR Commerce with 50% Marks.	

Areas of Specialization

- Marketing and Information Technology



FACULTY OF EDUCATION

- DEPARTMENT OF EDUCATION
- DEPARTMENT OF PHYSICAL EDUCATION

Dean: Professor Nazir Ahmad Nadeem



DEPARTMENT OF EDUCATION

Year of Establishment: 1965

Faculty:

1. Dr Nazir Ahmad Nadeem	Professor
2. Dr G M Malik	Professor
3. Dr A R Rather	Professor
4. Dr M Ahmad Khan	Professor
5. Dr Nighat Basu	Associate Professor
6. Dr M Y Ganaie	Senior Assistant Professor
7. Dr M I Mattoo	Senior Assistant Professor
8. Dr Tasleema Banoo	Senior Assistant Professor
9. Mrs Amina Parveen	Assistant Professor
10. Dr Najma	Assistant Professor

Head of the Department: Professor Nazir A Nadeem

Programmes Offered: M A (Education)

Duration:	2 years/ 4 Semesters
Intake Capacity:	100 + 30 Self-financed Seats
Eligibility Criteria: Three-year B A Course with Education as one of the subjects or Graduation (B A/B Sc / B Com) with B Ed.	

Course Titles: M A (Education)

Semester I

Core Papers

1. Philosophical Foundations of Education-I
2. Sociological Foundations of Education-I
3. Educational Technology

Optional Papers (Any one of the following)

1. Educational Planning & Financing

2. Value Education
3. Population Education
4. Guidance & Counselling

Semester II

Core Papers

1. Sociological Foundations of Education- II
2. Psychological Foundations of education - I
3. Methodology of Educational Research-I

Optional Papers (Any one of the following)

1. Early Childhood Care and Education
2. Adult Education
3. Mental Hygiene
4. Instructional Technology

Semester III

Core Papers

1. Philosophical Foundations of Education- II
2. Psychological Foundations of Education-II
3. Statistics in Education & Psychology

Optional Papers (Any one of the following)

1. Education Administration & Supervision
2. Creativity & Education
3. Comparative Education
4. Measurement & Evaluation

Semester IV

Core Papers

1. Methodology of Educational Research- II
2. History and Problems of Indian Education
3. Teacher Education

Optional Papers (Any one of the following)

1. Special Education
2. Curriculum Development
3. Environmental Education

4. Social Psychology
5. Dissertation

M Ed

Duration:	01 year
Intake Capacity:	40 + 12 Self-financed Seats
Eligibility Criteria: B Ed with 3 years teaching experience in a recognized educational institute. 50%seats are reserved for fresh B Ed graduates with out any teaching experience who have obtained not less than 55% marks at B Ed level.	
<i>Note: The teaching experience certificate should be countersigned by the CEO concerned or Dean College Development Council, University of Kashmir / Director Colleges.</i>	

Course Titles: (M Ed Programme)

Semester I

Core Papers

1. Philosophical Foundations of Education-I
2. Sociological Foundation of Education-I
3. Psychological foundation of Education I
4. Problems and Issues in Indian Education

Optional Papers (Any one of the following)

1. Value Education
2. Guidance & Counselling
3. Early Childhood Care & Education
4. Adult Education
5. Mental Hygiene
6. Creativity & Education
7. Teacher Education

Semester II

Core Papers

1. Philosophical Foundations of Education- II
2. Sociological Foundation of Education-II
3. Psychological foundation Education II
4. Methodology of Education Research

Optional Papers (Any one of the following)

1. Comparative Education
2. Measurement & Evaluation
3. Special Education
4. Curriculum Development
5. Educational Technology
6. Statistics in Education & Psychology
7. Dissertation

B Ed

Duration:	01 year
Intake Capacity:	180 Self-financed Seats
Eligibility Criteria: Graduation under 10+2+3 pattern.	

Course Titles: B Ed

A. Core Papers (Papers I to IV)

1. Theory & Principles of Education
2. Psychology of Learning & Development
3. Development of Education System in India
4. Essentials of Instructional Technology

B. Content-Cum-Methodology Courses (Papers V to VII)

- Group A:** Languages (Paper 5) Teaching of English, Teaching of Urdu, Teaching of Hindi, Teaching of Kashmiri, Teaching of Punjabi
- Group B: Social Sciences. (Paper 6) Teaching of History & Civics, Teaching of Geography**

Group C: Science (Paper 7) Teaching of Bioscience, Teaching of Physical Science, Teaching of Mathematics

Note: A student shall have to opt one paper from Group A & one paper either from Group B or Group C.

C. Special Courses (Paper 8) (Any one of the following)

- Alternative Education
- Creativity and Education
- Elementary Computer Education
- Education Technology
- School Management
- Environmental Education
- Educational Measurement & Evaluation
- Guidance & Counselling
- Physical & Health Education
- Population Education
- Special Education
- Value Education
- Home Science

D. Practical Courses (Papers 9 & 10)

1. Internship & Practice Teaching (Paper 9)
 - i. Internship
 - ii. Preparation of Teaching aids
 - iii. Mastery of Teaching Skills through Micro-teaching & Simulated Teaching
 - iv. Practice teaching in actual classroom situation.

Separate admission notification with be issued for this programme.

P G Diploma in Adult & Non-formal Education and PG Diploma in Population Education (Self-financed Programmes)

Duration:	01 year
Intake Capacity:	20 seats in each programme
Eligibility Criteria: Candidates having passed their BA examination in full under 10+2+3 pattern (Honours/General) with any one of the of the subject namely Education, Psychology, Sociology & Economics and having secured at least 45% marks in the aggregate.	

Course Titles: P G Diploma in Adult & Non-formal Education

1. Philosophical Foundation of Adult Education
2. Adult education System
3. Non-formal Education
4. Project Work

Course Titles: PG Diploma in Population Education

1. Population Education
2. Population Dynamics
3. Population of India
4. Project Work

Research Degrees Offered: M Phil and Ph D

Additional Information:

The Departmental Library is well-equipped and has around ten thousands books in stock. The total number of books published by the faculty members is twenty-four. The Department publishes a bi-annual research journal "Insight". The Department has adopted Kashmir University Model School as its Lab. School for students undergoing teaching training programme. The Department has initiated two more projects, viz. Sir Syed Chair & P.G Diploma in Guidance & Counselling which are likely to take off from the next academic session.



DEPARTMENT OF PHYSICAL EDUCATION

Year of Establishment: 2008

Faculty Details:

- | | |
|-------------------------|---|
| 1. A S Sodhi | Contractual Lecturer |
| 2. Muhammad Sidiq | Contractual Lecturer |
| 3. Mr Hilal Ahmad Dar | Contractual Lecturer |
| 4. Mr Harbindar Singh | Hockey Coach, Directorate of Physical Education |
| 5. Mr Ghulam Saidan | Part-time Lecturer |
| 6. Professor A R Rather | Guest Faculty, C/O Department of Education |
| 7. Dr M Y Ganaie | Guest Faculty, C/O Department of Education |

Head of the Department: Professor Nisar A Rather

**Programme Offered:
M P Ed (Physical Education)**

Duration:	2 years
Intake Capacity:	15 + 5 Self-financed Seats
Eligibility Criteria:	B P Ed

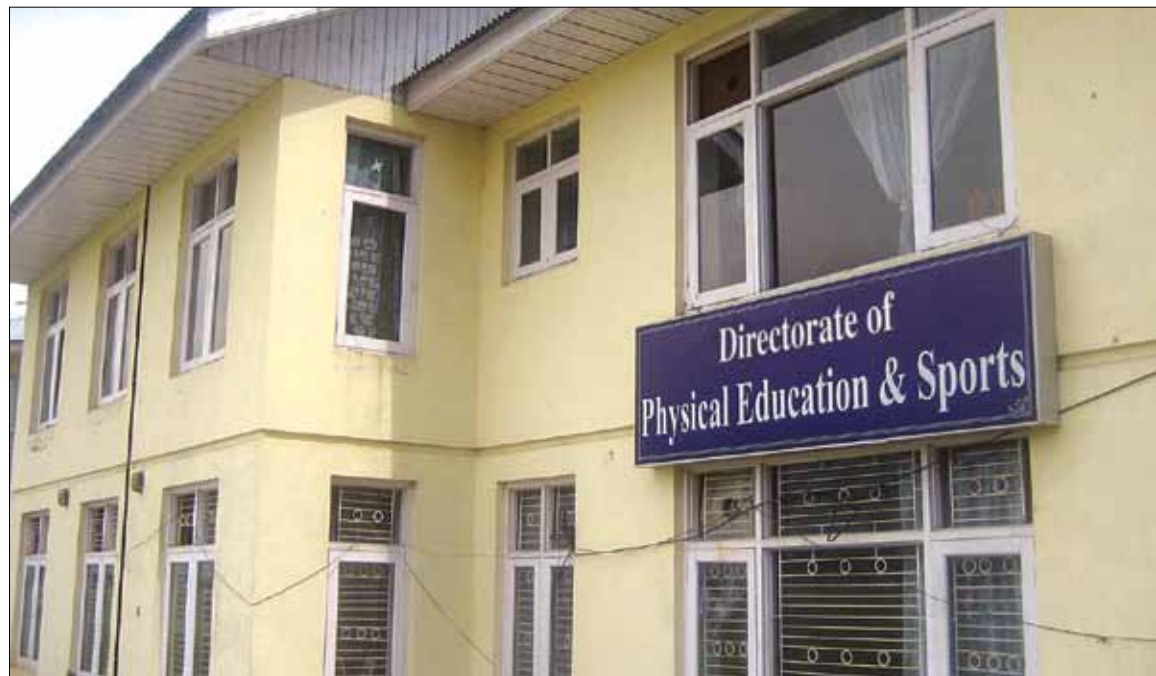
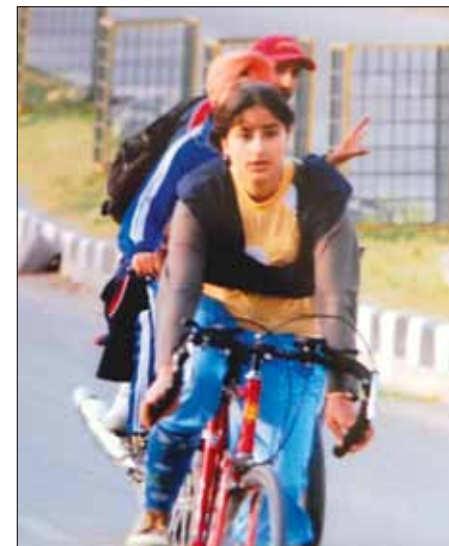
Course Titles: M P Ed

I Year

1. Foundation of Physical Education
2. Research Methodology
3. Bio-Mechanics of Sports
4. Athletics Care & Rehabilitation
5. Sports Management
6. Practicals

II Year

1. Science of Training & Coaching
2. Measurement & Evaluation in Physical Education
3. Health Education
4. Sports Medicine and exercise Physiology
5. Paper V
 - Sports Sociology
 - Supervision in Physical Education
 - Dissertation Practicals



FACULTY OF LAW

- DEPARTMENT OF LAW

Dean: Professor Altaf Ahmad Mir



DEPARTMENT OF LAW

Year of Establishment: 1973

Faculty Details:

- | | |
|----------------------------|----------------------------|
| 1. Dr G Q Mir | Professor |
| 2. Dr Altaf Ahmad Mir | Professor |
| 3. Dr Mehraj Uddin Mir | Professor |
| 4. Dr Abdul Latif Wani | Professor |
| 5. Dr Noor Mohd Bilal | Professor |
| 6. Dr Farooq Ahmad Mir | Associate Professor |
| 7. Dr Mohd Ayub Dar | Associate Professor |
| 8. Mr Shafiq Ah Rathore | Senior Assistant Professor |
| 9. Dr Mohammad Hussain | Senior Assistant Professor |
| 10. Mr Fareed Ahmad Rafiqi | Senior Assistant Professor |
| 11. Ms Beauty Bandy | Senior Assistant Professor |
| 12. Dr S. Showkat Hussain | Senior Assistant Professor |
| 13. Ms Shahnaz | Assistant Professor |

Head of the Department: Professor Altaf A Mir

Programmes Offered: BA-LLB

Duration:	5 years/ 10 Semesters
Intake Capacity	50 + 15 Self-financed Seats
Eligibility Criteria: 10+2 in any discipline. The age of the candidate should not exceed 20 years on the date of filing of admission forms.	

Course Titles: BA-LLB

Semester I

1. Legal History
2. General English
3. Political Science-I
4. Economics-I

5. Law and Society

Semester II

1. Constitutional History of India
2. Legal Language
3. Political Science-II
4. Economics-II
5. Criminology & Penal Administration

Semester III

1. Sociology
2. Family Law-I
3. Contract-I
4. Labour Law-I
5. Law of Torts & Motor Vehicles Act

Semester IV

1. Consumer Protection
2. Family Law-II
3. Contract-II
4. Labour Law-II
5. Criminal Law-I

Semester V

1. Constitutional Law-I
2. Jurisprudence-I
3. Mercantile Law
4. International Law-I
5. Criminal Law-II

Semester VI

1. Constitutional Law-II
2. Jurisprudence-II



3. Corporate Law
4. International Law-II
5. Insurance and Banking

Semester VII

1. Administrative Law-I
2. C P C and Specific Relief
3. Property Law
4. Taxation Law-I
5. Local Laws-I
6. Intellectual Property

Semester VIII

1. Administrative Law-II
2. C P C and Limitation Act.
3. Cyber Law
4. Taxation Law-II
5. Local Laws-II
6. Environmental Law

Semester IX

1. Cr P C-I
2. Law of Evidence-I
3. Interpretation of Statutes
4. Clinic-I (ADR)
5. Seminar-I (Socio-Economic Offences)
6. Seminar-II Professional Ethics

Semester X

1. Cr P C-II
2. Law of Evidence-II
3. Human Rights, Humanitarian Law and Refugee Law
4. Clinic-II (Pleading, Drafting & Conveyancing)
5. Seminar-III Child Law and Juvenile Justice/ International Trade Law
6. Public Interest Lawyering Legal Aid and Para-Legal Services.

LLB

Duration:	3 years/ 6 Semesters
Intake Capacity:	115 + 35 Self-financed Seats
Eligibility Criteria: Graduation in any discipline.	

Course Titles: LLB

Semester I

Compulsory Courses

1. Law of Crimes-I
2. Law of Contracts-I
(General Principles of Contract and Specific Relief)
3. Family Law-I
4. Law of Torts, Consumer Protection & Motor Vehicles Act.
5. Public International Law

Optional Courses (Any one)

6. Indian Legal History/Banking Laws including Negotiable Instruments Act.

Semester II

Compulsory Courses

1. Law of Crimes-II
2. Law of Contracts-II
(Indian Contract Act, Indian Partnership Act, Sale of Goods)
3. Family Law-II
4. Environmental Law
5. Human Rights

Optional Courses (Any one)

6. Cyber Laws/Insurance Law

Semester III

Compulsory Courses

1. Jurisprudence -I
2. Constitutional Law-I
3. Labour Law-I

4. Administrative Law-I
5. Company Law

Optional Courses (Any one)

6. Women and the Law and Child and the Law / Criminology and Penal Administration.

Semester IV

Compulsory Courses

1. Jurisprudence -II
2. Constitutional Law-II
3. Labour Law-II
4. Administrative Law-II
5. Practical Training Programme-I
(Moot Court, Pretrial Preparation and Participation in Court proceeding)

Optional Courses (Any one)

6. Taxation Laws/International Economic Law

Semester V

1. Laws of Evidence-I
2. Civil Procedure Code & Limitation Act.
3. Criminal Procedure Code and Juvenile Justice (Care and Protection of Children) Act, 2000.
4. Property Law including Transfer of Property Act and Easement Act
5. Arbitration, Conciliation and Alternate Dispute Resolution System
6. Practical Training Programme-II
(Public Interest Lawyering, Legal Aid and Para Legal Services)

Semester VI

1. Laws of Evidence-II
2. Criminal Procedure Code and Probation of Offenders Act, 1958
3. Interpretation of Statutes
4. Land and Local Laws-I
5. Practical Training Programme-III
(Professional Ethics, Accountancy for Lawyers and Bar Bench Relations)



6. Practical Training-IV
(Legal Language, Writing, Pleading and Conveyancing)

LLM

Duration:	2 years/ 4 Semesters
Intake Capacity:	14
Eligibility Criteria: LL B with 55% marks.	

Course titles: L L M

Semester I

1. Jurisprudence-I
2. Constitutional Law-I
3. Indian Legal History
4. Interpretation of Statutes



Semester II

1. Jurisprudence-II
2. Constitutional Law-II
3. Law and Society
4. legal Research Methodology

Semester III

Group-A Constitutional Law (Optional)

1. Comparative Federalism
2. Administrative Process-I
3. Administrative Process-II
4. National Security, Public Order and Rule of Law

Group-B Criminal Law (Optional)

1. Comparative Criminal Law
2. Social and Economic Offences
3. Criminology
4. Juvenile Delinquency

Group –C Business (Optional)

1. Law relating to contracts
2. Intellectual and Industrial Property Law-I & II
3. Consumer and the Law
4. Banking Law
5. Corporate Laws
6. International Trade Law

Group-D Labour Laws (Optional)

1. Law Relating to Trade
2. Law Relating to Industrial Relations
3. Industrial Jurisprudence
4. Law Relating to wages and Monetary Benefits

Group –E International Law (Optional)

1. Origin, Evolution, Theories and Relation with Municipal Law
2. The Law of Peace
3. International Organisations
4. Law of Treatise

Group-F Family Law (Optional)

1. Islamic Jurisprudence-I
2. Islamic Jurisprudence-II
3. Islamic Legal System
4. Islamic Socio-Economic Laws

Semester IV

Group- A Constitutional Law (Compulsory for Group-A of Semester III)

1. The Constitution of J&K, 1957
2. British Constitution
3. Human Rights

Group-B Criminal Law (Compulsory for Group-B of Semester III)

1. Comparative Criminal Law
2. Penology
3. Narcotics and the Law

Group–C Business (Compulsory for Group-C of Semester III)

1. Corporate Laws
2. Intellectual and Industrial Properties Laws
3. International Trade Law

Group-D Labour Laws (Compulsory for Group-D of Semester III)

1. Law Relating to the social Security
2. Law Relating to Labour Welfare
3. Comparative Labour Law

Group–E International Law (Compulsory for Group-E of Semester III)

1. Law of the Sea
2. The use of Force and International Humanitarian Law
3. Human Rights: Implementation by the UN

Group-F Family law (Compulsory for Group-F of Semester III)

1. Family and Matrimonial Laws
2. Hindu Law
3. Marriage and Divorce in the Conflict of Law

Post-graduate Diploma in Human Rights and Duties Education

Duration:	01 year
Intake Capacity:	20 + 04 Self-financed Seats
Eligibility Criteria: Graduation in any discipline.	

Course Titles: P G Diploma in Human Rights and Duties Education

1. International Law
2. Human Rights Concept and Standards
3. Humanitarian Law, Human Rights and Vulnerable Groups
4. Human Rights and the Indian Constitution
5. Human Rights and the Criminal Justice System

Note: A student will have to complete a research project on any topic related to Human Rights. The paper will include field work, empirical studies as well as viva voce.

Research Programmes Offered: Ph D & Doctorate of Civil Laws

Additional Information:

The Department imparts practical training programmes as prescribed by the Bar Council of India. The students attend court proceedings and attend Lok Adalats. They also participate in legal awareness programme, which is a component of legal aid besides undertake research projects as per syllabus and statutes.

■ **Publication:**

The Department publishes a research journal, namely Kashmir University Law Review (KULR) annually which has received wide acclaim and appreciation from academia, eminent lawyers and judges. Topics on

contemporary relevance, case comments and book reviews of the researchers of different parts of the country are published.

■ **Clinical Legal Education:**

The Department is striving hard to be vibrant, relevant and responsive to the social needs. Being alive to the societal needs, the Department has introduced in the curriculum legal literacy programme whereby students visit different colleges/ schools / technical institutes of the Valley for legal awareness campaigns. As an important component of practical training programme, the students are required to visit different courts to abreast themselves of the legal issues involved in a particular case(s). The students are encouraged to participate in the Lok Adalats organized by the different courts in the valley. To ensure participation of the students in all these activities, the department has twenty two seater Mazada bus for this purpose.

■ **Moot Courts:**

It has been experience of the Department that moot courts have proved first potent step in cultivating the art of lawyering. These moot courts have become integral part of the curriculum. The Department has a well furnished moot court room having capacity to accommodate around one hundred students. The Department encourages and persuades students to participate in moot courts at national level. The students are not only now participating regularly in the national level moot courts but have won trophies also.

■ **Educational Tour cum Field Survey:**

The Department encourages field survey of the students including educational tours. The students visit different centres of excellence in the country, particularly the law schools/ Institute with an avowed object to a) stimulate their hidden capabilities b) expose them to an outside competitive world c) train them how to carve

niche for themselves d) interact with other similarly situated students.

■ **Departmental Library:**

The Departmental library has in addition to its annual budget, received generous grant from University authorities from time to time which has enriched it both in terms of text books and periodicals. The Departmental library is having a collection of twenty three thousand text books and back volumes of periodicals. The library is subscribing 18 journals and is receiving 10 journals on exchange basis. The library is computerized and connected to Allama Iqbal Library where access to online journals is possible through Internet. The library is supported by audio video cassettes on different subjects of law. Xerox facilities are provided within the library for the benefit of students and research scholars of the department and outside.

■ **Computer Laboratory:**

The Department of Law is one of the prestigious law schools of the country where a full fledged computer lab with Internet facility is maintained to help the students to (a) acquaint themselves with the benefit of new technology, b) appreciate impact of digital technology on law, c) know technical issues involved in understanding cyber law, and d) to have working knowledge of computers.

■ **Co-curricular Activities:**

The Department believes that professional training of the students calls for all round development of their personality which includes participation in Co-curricular activities. The Department encourages participation of the students of law in sports, cultural activities, debates, quiz competitions, painting competitions, etc.



FACULTY OF APPLIED SCIENCE & TECHNOLOGY



- DEPARTMENT OF COMPUTER SCIENCES
- DEPARTMENT OF ELECTRONICS & INSTRUMENTATION TECHNOLOGY
- DEPARTMENT OF FOOD SCIENCE & TECHNOLOGY
- DEPARTMENT OF PHARMACEUTICAL SCIENCES
- INSTITUTE OF HOME SCIENCE

Dean: Professor N A Shah



DEPARTMENT OF COMPUTER SCIENCES

Year of Establishment: 1987

Faculty Details:

- | | |
|--------------------------|--|
| 1. Dr Mushtaq Ahmad Peer | Director (on deputation to State Government) |
| 2. Dr S M K Quadri | Senior System Analyst/ System Manager |
| 3. Dr Rana Hashmi | System Analyst |
| 4. Mr Javed Parvez | Assistant Professor |
| 5. Mr Manzoor Ah Chachoo | System Analyst |
| 6. Mr Sajad M Khan | System Analyst |

Director: Dr S M K Quadri

Programmes Offered: Master of Computer Applications (MCA)

Duration:	3 years / 6 Semesters
Intake Capacity:	45 + 14 Self-financed Seats
Eligibility Criteria: Three-year B C A / B Sc / B Com/ B A with Mathematics as one of the subjects at 10+2 level or at Graduation.	

Course Titles: MCA

Semester I

1. Computer Fundamentals and Applications
2. Microprocessor, ALP and its Applications
3. Technical Communication
4. Programming Language Principles
5. Advanced Database Management Systems
6. Discrete Mathematics
7. Lab I
8. Lab II

Semester II

1. Advanced Computer Systems
2. Data and File Structures
3. Advanced Programming Concepts in C / C++
4. Software Engineering & Management
5. Advanced Data Communication
6. Lab I
7. Lab II

Semester III

1. Advanced Operating Systems
2. Numerical and Statistical Computing
3. Computer Graphics
4. Computer Networks, Protocols and Programming
5. Design and Analysis of Algorithms
6. Lab I
7. Lab II

Semester IV

1. Advanced Unix/ Linux Programming
2. Object Oriented Modeling Analysis and Design
3. Data Warehousing and Data Mining
4. Compiler Design
5. Elective I
6. Lab I
7. Lab II

Semester V

1. Java Programming
2. Theory of Computation and Formal Languages
3. Optimization Techniques
4. Web Programming
5. Elective II
6. Lab I
7. Lab II

Semester VI

1. Seminar & Project work

Post Graduate Diploma In Computer Applications (PGDCA)

Duration:	01 year
Intake Capacity:	10 students + 3 Self-financed Seats
Eligibility Criteria: The PGDCA course shall be open to any graduate of the university of Kashmir or to a candidate having passed an equivalent examination of any other Indian University recognized by the University of Kashmir as equivalent there to.	

Course Titles: (PGDCA)

Semester I

1. Computer Fundamentals
2. Multimedia System and Web Designing
3. Database Management Systems
4. Communication and Computer Networks
5. Windows and Internet Programming
6. Programming in C/C++ with Data Structures
7. Laboratory Course
8. Project Work and Seminar.

Research Programmes Offered: M Phil & Ph D

Thrust Areas:

- Software Reliability Engineering
- Image Processing
- Biological Data Processing
- Language Translation
- Mobile & Computer Networks
- Software Engineering

Additional Information:

Computer Science Department is also organizing short-term certificate course in different areas of computer applications ranging from basic to advanced ones. The Department also offers computer awareness programmes to research scholars, students of other departments, faculty members and non-teaching staff of the University. Besides this,

- The Department of Computer Sciences has been sanctioned EDUSAT by all India council for Technical Education for conducting online classes on technical education.
- Keeping in view the facilities available at the Department of Computer Sciences, National Technology Foundation, Hyderabad has approved the Department as an examination center for Common Placement Test.
- The Department of Computer Sciences has been sanctioned a grant of Rs. 2.55 crores for setting-up of state-of-the-art VLSI laboratory in different phases by the Department of Science and Technology, Government of India under FIST (Fund for Improvement of Science and Technology Infrastructure) programme.
- The Department of Computer Sciences has been approved by TATA Consultancy Services for placement of students on regular basis and for continuous industry-academic collaboration and feedback. Regular interdisciplinary seminars are conducted by the visiting faculty.
- The Department of Computer Sciences is co-host of NASSCOM project in the University of Kashmir. The Department is providing man power, space for counseling and laboratory for training students for the ongoing NASSCOM project.

**Other Activities**

The Department has been looking after automation process of the University. Besides, various softwares for Salary Preparation, Budget and Schedule of Establishment, University Registration and Admission, Library Information System, University Examination Results and need based softwares for research scholars and teachers of the University have been developed.

DEPARTMENT OF ELECTRONICS & INSTRUMENTATION TECHNOLOGY

Year of Establishment: 1985

Faculty Details:

1. Dr Nisar Ahmad Shah	Professor
2. Dr Mohamad Mustafa	Professor
3. Mr M Tariq Bandy	Assistant Professor
4. Miss Farhat Rufi	Electric Engineer

Head of the Department: Professor M Mustafa

Programme Offered: M Sc (Electronics)

Duration:	2 years / 4 Semesters
Intake Capacity:	30 + 09 Self-financed Seats
Eligibility Criteria: B Sc with Physics, Mathematics, Electronics/Chemistry OR BCA, B Sc IT, B Sc with IT or Electronic Equipment Maintenance as one of the subjects.	

Course Titles: M Sc (Electronics)

Semester I

1. Engineering Mathematics
2. Circuit Analysis and Synthesis
3. Analog Electronics
4. Numerical Techniques and Object Oriented Programming
5. Analog Communication
6. Laboratory- I
7. Laboratory- II

Semester II

1. Opto Electronics
2. Active Filters: Theory and Design
3. Microprocessor & Micro-Controller
4. Power Electronics
5. Computer Networks
6. Laboratory-I
7. Laboratory-II

Semester III

1. Digital Signal Processing
2. Control System Engineering
3. Computer Architecture & Org.
4. Physics of Semiconductor Devices
5. Fuzzy Logic and Neural Networks
6. Laboratory-I
7. Laboratory-II

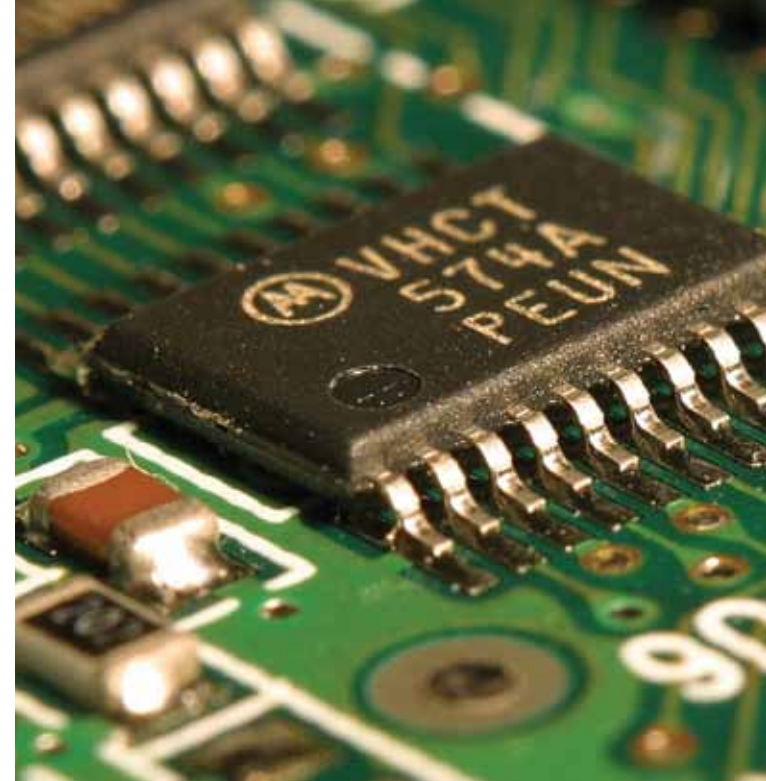
Semester IV

1. Digital Communication and Information Theory
2. Electronic Instrumentation
3. VLSI Technology
4. Project Work
5. Seminar
6. Industrial Training

Research Programmes Offered: M Phil & Ph D

Thrust Areas:

- Circuit Simulation
- Semiconductor Device Simulation
- Analog and Digital Communication
- Analog Signal Processing



Additional Information:

The Department has following laboratories to support the academic and research studies at various levels. These laboratories are equipped with state- of-the-art equipment to carry out the experimental work to support the theory courses and research work.

- Basic Test and Measurement Laboratory.
- Semiconductor Device Characterization and Simulation Laboratory.
- Analog Circuit Simulation and Realization Laboratory.
- Digital and Analog Communication Laboratory.
- Computational Laboratory.

DEPARTMENT OF FOOD SCIENCE & TECHNOLOGY

Year of Establishment: 2008

Coordinator: Professor F A Masoodi

Programme Offered: M Sc (Food Technology)

Duration:	2 years / 4 Semesters
Intake Capacity:	20+5 Self-financed Seats
Eligibility Criteria: Candidates possessing the following qualifications: (i) B Sc Medical/Non-medical with all existing combinations. (ii) B Sc Home Science with Food Science/Human Nutrition as one of the subjects. (iii) B Sc Food/Biotechnology. (iv) B Sc Agriculture/ B V Sc and A H (v) B Sc Pharmaceutical Science	

Course Titles: M Sc (Food Technology)

Semester I

1. Food Microbiology
2. Food Biochemistry
3. Principles of Food Processing
4. Principles of Food Engineering
5. Experiments in Food Microbiology (Practical)
6. Experiments in Food Biochemistry (Practical)

Semester II

1. Food Quality Assurance
2. Food Packaging
3. Food Biotechnology

4. Advanced Techniques of Food Analysis
5. Experiments in Quality Control and Sensory Evaluation of Foods (Practical)
6. Experiments in Food Packaging (Practical)

Semester III

1. Cereal, Legume and Oil Seed Technology
2. Fruit and Vegetable Technology
3. Statistics and Computer Applications
4. Nutraceuticals and Food Toxicology
5. Experiments in Cereals, Legumes and Oil Seeds Processing (Practical)
6. Experiments in Fruit and Vegetables Processing (Practical)

Semester IV

1. Technology of Milk and Milk Products
2. Technology of Meat, Fish and Poultry Products
3. Pollution Control and Waste Utilization
4. Project Management and Entrepreneurship
5. Experiments in Milk Processing (Practical)
6. Experiments in Fish and Meat Products Processing (Practical)

Research Programmes Offered: Ph D

Being an integrated programme, the admission for Ph D will be conducted only after the first batch of students completes its M Sc programme.

Additional Information:

- A fellowship of Rs.1200/ per month will be provided to all students admitted for M Sc programme. However, the fellowship will be discontinued in case the student

is unable to secure 60% marks. The fellowship for Ph D students will be Rs.6000/- per month.

- The Department will also provide full financial support to its research scholars for publication of their work in standard journals. The Department is expected to collaborate with some reputed institutions for its research and academic programmes.

These institutions include:

- 1) Central Food Technological, Research Institute (CFTRI), Mysore
- 2) Defense Food Research Laboratory, Mysore
- 3) National Institute of Nutrition (NIN), Hyderabad
- 4) National Dairy Research Institute, Karnal
- 5) Indian Veterinary Research Institute, Izatnagar
- 6) GNDU, Amritsar
- 7) Food Research & Analysis Centre, New Delhi
- 8) Indian Agriculture Research Institute, New Delhi.





DEPARTMENT OF PHARMACEUTICAL SCIENCES

Year of Establishment: 1983

Faculty Details:

1. Dr M Y Shah	Professor
2. Dr Nahida Tabassum	Associate Professor
3. Dr Z A Bhat	Senior Assistant Professor
4. Dr Mubashir H Masoodi	Senior Assistant Professor
5. Mr M Ishaq Geer	Senior Assistant Professor
6. Mrs Sabeeha Shafi	Senior Assistant Professor
7. Dr M Iqbal Zargar	Assistant Professor
8. Mr Nisar Ahmad Khan	Assistant Professor

Head of the Department: Professor (Dr) M Y Shah

Programmes Offered: B Pharm

Duration:	4 years
Intake Capacity:	30 + 9 Self-financed Seats
Eligibility Criteria: 10+2 (Biology background)	

Course Titles: B Pharm

1st year

1. Pharmaceutics - I
2. Mathematics & Biostatistics
3. Human Anatomy & Physiology
4. Pharmaceutical Engineering-I
5. Pharm (Inorganic) Chemistry- I
6. Pharm (Organic) Chemistry- II
7. Pharmacognosy - I
8. Computer Applications

2nd year

1. Pharm. Microbiology
2. Physical Pharmacy
3. Pharm. Analysis -I (Inorganic)
4. Medicinal Chemistry -I
5. Pharmacognosy - II
6. Pathophysiology, Toxicology & Health Education
7. Pharmacology -I
8. Dispensing Pharmacy

3rd year

1. Hospital and Clinical Pharmacy
2. Drug Regulatory Affairs
3. Industrial Pharmacy & Cosmeticology
4. Pharm. Analysis -II (Physical)
5. Medicinal Chemistry - II
6. Chemistry of Natural Products
7. Pharmacognosy -III
8. Pharmacology -II
9. Applied Biochemistry

4th year

1. Pharm Biotechnology
2. Pharmaceutical Marketing & Management
3. Pharm Technology
4. Pharm. Analysis -III (organic)
5. Medicinal Chemistry -III
6. Pharmacognosy -IV
7. Pharmacology - III
8. Biopharmaceutics & Pharmacokinetics

M Pharm (with following specializations)

- i. Pharmaceutical Chemistry
- ii. Pharmacology
- iii. Pharmaceutics
- iv. Pharmacognosy
- v. Pharmacy Practice

Duration:	2 years
Intake Capacity:	10+04 Self-financed Seats
Eligibility Criteria: B Pharm	

Course Titles: M Pharm

1st year (Pharmaceutical Chemistry)

1. Drug Design (Theory)
2. Chemistry of Natural Products (Theory)
3. Medicinal Chemistry (Theory)
4. Pharmaceutical Chemistry Practical -I
5. Pharmaceutical Chemistry Practical- II

1st year (Pharmacology)

1. Pharmacology - I (Theory)
2. Pharmacology - II (Theory)
3. Pharmacology - III (Theory)
4. Pharmacology (Practical - I)
5. Pharmacology (Practical - II)

1st year (Pharmaceutics)

1. Pharmaceutics - I (Theory)
2. Pharmaceutics - II (Theory)
3. Pharmaceutics - III (Theory)
4. Pharmaceutics (Practical - I)
5. Pharmaceutics (Practical - II)

1st year (Pharmacognosy)

1. Pharmacognosy & Phytochemistry - I (Theory)
2. Pharmacognosy & Phytochemistry - II (Theory)
3. Pharmacognosy - III (Theory)
4. Pharmacognosy & Phytochemistry (Practical - I)
5. Pharmacognosy & Phytochemistry (Practical - II)

1st year (Pharmacy Practice)

1. Pharmacy Practice - I (Theory)
2. Pharmacy Practice - II (Theory)
3. Pharmacy Practice - III (Theory)
4. Pharmacy Practice (Practical - I)
5. Pharmacy Practice (Practical - II)

1st year (Courses common to all specialization)

1. Modern Pharmaceutical Analytical Techniques (Theory)
2. Modern Pharmaceutical Analytical Techniques (Practical)

2nd year (Courses common to all specialization)

1. Preparation of Synopsis/ Seminar
2. Dissertation
3. Viva-Voce

Research Degrees Offered: Ph D

Thrust Areas:

- Pharmacology
- Pharmacognosy
- Pharmaceutics
- Pharmaceutical Chemistry

Additional Information:

- The Department is the only institution in the entire state of J&K offering degree course in Pharmacy for the last twenty five years and has now commenced Masters Degree Programme in five specializations of Pharmaceutical Sciences from the academic session

2009-2010. A newly constructed extension block comprising two laboratories and two spacious classrooms has been thrown open last year to cater to the increased intake of students in the Department. Further, the Department is already approved by UGC, AICTE and J&K Pharmacy Council and is also registered by the CPCSEA (Committee for the Purpose of Supervision and Control on Experimental Animals), Ministry of Environment and Forests, Govt. of India for the purpose of experimentation and breeding of laboratory animals.

- The Department is presently engaged in collaborative research work with several institutes/universities like Jamia Hamdard, New Delhi, SKIMS, Srinagar, Andhra University, IIM Srinagar/Jammu, GMC Srinagar, Indo-Soviet Friendship College of Pharmacy, Moga, Punjab, RRIUM Srinagar particularly in areas of novel drug delivery systems; Pharmacognostic and Phytochemical characterization; Biochemical and pharmacological evaluation of the locally available untapped medicinal flora; Adverse Drug Reaction Monitoring in Kashmiri patients (Pharmacovigilance) and Pharmaceutical Biotechnology.
- A leading multinational pharmaceutical company namely, M/s-Medley Pharmaceuticals Ltd., Mumbai has established "Medley Chair" within the Department whereby it has equipped one PG Pharmaceutics laboratory with equipments and machinery worth Rs. 25 lacs. The said pharmaceutical company has also agreed to pay full salary to a Professor in Pharmaceutics under this Chair initially for a period of three years with provision for further extension. Further, the MNC has also instituted "Medley Gold Medal" weighing 10gm of 24 carat gold bearing Medley emblem, to be awarded once every year to the student obtaining highest marks at B Pharm degree examination held by the University of Kashmir. First Medley Gold Medal has already been



awarded to one of the students during the 17th Annual Convocation of the University of Kashmir. As part of MoU signed with the MNC, one financially deserving candidate having completed his B Pharm from Kashmir University will be sponsored by the Company for pursuing M Pharm at any recognized Indian University, with a guaranteed job in the said company after completion of the course.

- During the previous year five minor research projects were sanctioned by the University Grants Commission in favour of five faculty members of the Department with a total financial assistance of approx Rs 10 lacs.
- The Department proudly boasts of 100 % placement of its pass-outs. Several multi-national companies like Medley Labs, IndSwift, Glaxo, Ranbaxy, Pfizer, Sarabhai, Dabur India Ltd., Eaton Laboratories, Ambrosia Pharmaceuticals, IPCA etc have recruited a majority of our pass-outs through campus and non-campus interviews over years for several important positions. Both freshly inducted recruits as well as senior appointees are drawing industry's best remuneration packages at present.



INSTITUTE OF HOME SCIENCE

Year of Establishment: 1982

Faculty Details:

1. Dr (Mrs) Nilofer Khan Professor
2. Dr F A Masoodi Professor
3. Dr Naheed Vaida Associate Professor
4. Mrs Nirojani Bhat Senior Assistant Professor (Migrant)
5. Mrs Sunita Vuthoo Assistant Professor (Migrant)
6. Mrs Humaira Azim Assistant Professor
7. Mrs Shafia Nazir Assistant Professor
8. Mrs Naila Irshad Assistant Professor
9. Dr Muzamil Jan Assistant Professor

Head of the Department: Professor F A Masoodi

**Programmes Offered: M Sc
(Home Science with following specialization)**

- i. Food Science and Nutrition
- ii. Dietetics & Clinical Nutrition
- iii. Extension & Communication
- iv. Human Development

Duration : 2 years/ 4 Semesters	
Intake Capacity:	
	Food Science & Nutrition: 15 +5 Self-financed Seats
	Dietetics & Clinical Nutrition: 10 + 3 Self-financed Seats
	Extension & Communication: 15 + 5 Self-financed Seats
	Human Development (University): 10 + 3 Self-financed Seats
	Human Development College (M A Road): 08 + 2 Self-financed Seats
Eligibility Criteria: 3 years B Sc (Home Science)	

Course Titles: M Sc (Food Science & Nutrition and Dietetics & Clinical Nutrition)

Semester I

1. Applied Physiology
2. Nutritional Bio-Chemistry
3. Advanced Nutrition - I
4. Food Microbiology
- (Practicals)
5. Physiology & Nutritional Bio-Chemistry
6. Food Microbiology & Analytical Techniques in Food Science & Nutrition

Semester II

1. Research Methods & Statistics
2. Advanced Food Science
3. Advanced Nutrition - II
4. Maternal & Child Nutrition.
- (Practicals)
5. Advanced Food Science
6. Maternal & Child Nutrition

Semester III (Food Science & Nutrition)

1. Clinical & Therapeutic Nutrition
2. Project Management and Women Entrepreneurship
3. Community Nutrition Technology
4. Assessment of Nutritional Status
- (Practicals)
5. Clinical & Therapeutic Nutrition
6. Assessment of Nutritional Status

Semester III (Dietetics & Clinical Nutrition)

1. Clinical & Therapeutic Nutrition
2. Nutrition in Emergency & Disaster
3. Community Nutrition
4. Assessment of Nutritional Status
- (Practicals)
5. Clinical & Therapeutic Nutrition
6. Assessment of Nutritional Status

Semester IV (Food Science & Nutrition)

1. Women, Nutrition & Health
2. Food Safety & Quality Control
3. Food Processing &
4. Dissertation
- (Practicals)
5. Food Safety & Quality Control
6. Food Processing & Technology

Semester IV (Dietetics & Clinical Nutrition)

1. Institutional Management
2. Nutrition in Critical Care
3. Food Processing & Technology
4. Dissertation
- (Practicals)
5. Institutional Management
6. Internship

(The students go for internship immediately after appearing in IV semester examination. A minimum period of 6 weeks is provided for internship at SKIMS, Srinagar under staff supervision of that Institute).

Courses Titles: (M Sc Extension & Communication)

Semester I

1. Indian Socio Economic Environment
 2. Community Organization & Developmental Theories
 3. Communication Techniques Evaluation
 4. Extension Education System
- **Laboratory Courses**
 - 5. Communication Techniques Evaluation
 - 6. Field Experiences

Semester II

1. Research Methods & Statistics
 2. Training and Development
 3. Programme Design
 4. Gender & Development
- **Laboratory Courses**
 - 5. Programme Design
 - 6. Gender & Development

Semester III

1. Community Health Management
 2. Project Management and Women Entrepreneurship
 3. Community Nutrition
 4. Methods for Community Participation
- **Laboratory Courses**
 - 5. Project Management and Women Entrepreneurship
 - 6. Methods for Community Participation

Semester IV

1. Women, Nutrition & Health
2. Management of Human Service Organizations
3. Extension Management
4. Dissertation

■ **Laboratory Courses**

5. Management of Human Service Organization
6. Extension Management

Courses Titles: (M Sc Human Development)

Semester I

1. History and Theories of Human Development
 2. Methods of Studying Human Development
 3. Study of Family and Society
 4. Early Childhood Care and Education
- **Practicals**
 - 5. Methods of Studying Human Development
 - 6. Early Childhood Care and Education

Semester II

1. Research Methods & Statistics
 2. Advanced Study in Human Development-I
 3. Culture and Psychology
 4. Management of Programmes for Children & Families
- **Practicals**
 - 5. Advanced study in Human Development-I
 - 6. Management of Programmes for Children & Families

Semester III

1. Advanced study in Human Development-II
 2. Project Management and Women Entrepreneurship
 3. Principles of Guidance and Counselling
 4. Child and Human Rights
- **Practical**
 - 5. Advanced study in Human Development-II
 - 6. Principles of Guidance and Counselling

Semester IV

1. Persons with Disabilities
 2. Development of Creativity
 3. Mental Health in Developmental Perspective
 4. Dissertation
- **Practical**

5. Study of Persons with Disabilities
6. Development of Creativity

Research Programmes Offered: M Phil and Ph D

Thrust Areas:

- Child and Women Welfare
- Early Childhood care & Education
- Community Nutrition
- Community Development & Welfare Programmes.
- Food Quality Control
- Therapeutic Nutrition
- Food Processing
- Child & Human Rights
- Advanced Human Development
- Geriatric Nutrition.
- Skill Development
- Guidance and Counselling.

Additional Information:

The Department is actively involved in the area of extension work and IGNOU has established a Programme Centre in the Department for Master's Course in Dietetics and Food Service Management. Besides Ph D and M Phil programmes, MSc students submit dissertation in different specializations facilitating identification of various researchable issues. The Department has started placement of students in collaboration with various private sector organizations. Recently, three students were appointed through campus placement by M/s British Biologicals.



FACULTY OF BIOLOGICAL SCIENCE

- DEPARTMENT OF BIOCHEMISTRY
- DEPARTMENT OF BIOTECHNOLOGY
- DEPARTMENT OF BOTANY
- DEPARTMENT OF ZOOLOGY

Dean: Professor A R Yousuf



DEPARTMENT OF BIOCHEMISTRY

Year of Establishment: 1982

Faculty Details:

- | | |
|----------------------|----------------------------|
| 1. Dr Akbar Masood | Professor |
| 2. Dr M Afzal Zargar | Associate Professor |
| 3. Dr B A Ganai | Associate Professor |
| 4. Dr Rabia Hamid | Senior Assistant Professor |
| 5. Dr Shajrul Amin | Senior Assistant Professor |
| 6. Dr Nazir A Dar | Assistant Professor |
| 7. Dr Shaida Andrabi | Assistant Professor |

Head of the Department: Professor Akbar Masood

Programmes Offered:

M Sc (Biochemistry)

Duration:	2 years / 4 Semesters
Intake Capacity:	25 + 8 Self-financed Seats
Eligibility Criteria: Graduation under 10+2+3 pattern Biochemistry Microbiology, Life Science (Zoology, Chemistry, Botany) as primary or subsidiary subjects at B Sc level.	

Course Titles: (M Sc Biochemistry)

Semester I

1. Biomolecules
2. Molecular Cell Biology
3. Plant Biochemistry
4. Biochemical Techniques
5. Laboratory course-I.

Semester II

1. Advanced Enzymology
2. Bioenergetics and Intermediary Metabolism
3. Molecular Biology
4. Immunology
5. Laboratory course – II

Semester III

1. Biotechnology
2. Nutritional Biochemistry
3. Physiology and Clinical Biochemistry
4. Research Methodology, Biostatistics & Bioinformatics
5. Laboratory course – III

1. Biochemical & Environmental Toxicology
2. Microbial Biochemistry
3. Project writing
4. Seminar
5. Laboratory course - IV

M Sc (Clinical Biochemistry)

Faculty Details:

- | | |
|------------------------|---------------------|
| 1. Dr M Afzal Zargar | Associate Professor |
| 2. Dr Fouzia Rashid | Assistant Professor |
| 3. Dr Syed Hussain Mir | Assistant Professor |

Coordinator: Dr M Afzal Zargar

Duration:	2 years / 4 Semesters
Intake Capacity:	25 + 8 Self-financed Seats
Eligibility Criteria: Candidates having obtained degree from recognized Universities / institutes in the following streams.	
a. B Sc in Clinical Biochemistry.	
b. Science graduates with any of the following subjects in all three years of their graduate programme. Subjects included are: Botany, Zoology, Chemistry, Biotechnology, Microbiology, Environmental Science and Biochemistry	
c. B Sc in Medical Lab Technology, Biochemistry.	
d. Graduates in Medicine (MBBS), Pharmacy (B Pharm) Percentage of marks required as prescribed by the University statues for other M Sc programmes. However, for graduates in Medicine (MBBS) percentage required shall be 50%.	

Course Titles: M Sc (Clinical Biochemistry)

Semester I

1. Biomolecules and Metabolism
2. Cell Biology and Enzymology
3. Microbiology and Immunology
4. Molecular Biology and Biotechnology
5. Laboratory Course I

Semester II

1. Human Physiology and Endocrinology
2. Instrumentation and Techniques
3. Automation, Lab Management, Biostatistics and Computer Application
4. Metabolic Disorders
5. Laboratory Course-II

Semester III

1. Organ system disease I
2. Organ system disease II
3. Organ system disease III
4. Organ system disease IV
5. Oncology, Pharmacodynamics
6. Lab. Course III

Semester IV

1. Internship
2. Dissertation
3. Viva- voce
4. Presentation
5. Host Institute Grading
6. Term paper
7. Diagnostic procedures

Research Programmes Offered: M Phil and Ph D

Thrust Area

- Environmental Biochemistry
- Toxicology
- Free Radical Biology
- Protein Biochemistry
- Bioinformatics
- Cancer Biology
- Medicinal Plant Research
- Enzymology

Additional Information:

■ The teaching programme of the Department is reinforced with comprehensive research oriented teaching that includes seminars and project work. The seminars are delivered by invited faculty from national and international universities. The research and post-graduate students deliver regular seminars throughout the duration of their courses. An important part of the curriculum includes



academic tours to various reputed national laboratories. Collaborative research with institutes, like Indian Institute of Integrative Medicine, Jammu/Srinagar, Regional Research Institute of Unani Medicine, Srinagar, Jawahar Lal Nehru University Delhi, NCBS Bangalore and JNCASR Bangalore is in progress.

■ Post-graduate programme in Clinical Biochemistry has been sanctioned to the Department of Biochemistry by UGC under its Innovative programme scheme in the year 2004. It is a course designed to act as an interface between clinical & non-clinical aspects of Biochemistry. The course is unique in a sense that it is the sole course at the University where a full-fledged six month semester

is dedicated to the Internship programme conducted at various institutions of national & international repute, such as AIIMS, New Delhi, PGI, Chandigarh and SKIMS, Srinagar. The pass-outs have a potential to pursue their career as academicians, scientists, counsellors as well as technologists. Rigorous and comprehensive theoretical inputs are the hallmarks of the course. A number of our pass-outs have been accepted by high profile institutes such as NIN Hyderabad, NII New Delhi, IIT Mumbai and other important institutions for pursuit of research studies. The course will soon be reinforced with research developments that shall be addressing clinical and medical problems of the Valley.



DEPARTMENT OF BIOTECHNOLOGY

Year of Establishment: 2001

Faculty Details:

- | | |
|------------------------------|---------------------|
| 1. Dr Khurshid Iqbal Andrabi | Professor |
| 2. Dr Khalid M Fazili | Associate Professor |
| 3. Dr Raies Ahmed | Associate Professor |
| 4. Dr Mehboob-ul-Hassan | Assistant Professor |
| 5. Dr Firdous A Khanday | Assistant Professor |
| 6. Dr Ehtisham-ul-Haq | Assistant Professor |
| 7. Mr Bilal Ahmad Reshi | Assistant Professor |

Head of the Department: Professor Khurshid I Andrabi

Programme Offered: M Sc (Biotechnology)

Duration:	2 years / 4 Semesters
Intake Capacity:	10 + 4 Self-financed seats
Eligibility Criteria: Bachelor's degree under 10+2+3 pattern in Physical, Biological, Agricultural, Veterinary and Fishery Science, Pharmacy, Engineering/Technology or Medicine (MBBS) or BDS with at least 55% marks.	

Course Titles: M Sc (Biotechnology)

Semester I

1. Cell Biology
2. Biomolecules
3. Biotechniques, Biostatistics & Computer Applications
4. Introduction to Microbial Genetics
5. Laboratory course-I

Semester II

1. Molecular Biology
2. Molecular Enzymology & Applications
3. Biology of Immune System
4. Environmental Biotechnology
5. Elective paper
 - Advanced Molecular Biology
 - Molecular Signal Transduction
 - Protein Folding Dynamics
6. Laboratory course – II

Semester III

1. Animal Cell Science and Technology
2. Genetic Engineering
3. Plant Biotechnology
4. Bioprocess Engineering and Technology
5. Laboratory course – III

Semester IV

1. Seminar
2. Project
(A short-term research project to be carried out under the supervision of a faculty member of the Department or the host institution where the project work is done).

Research Programmes Offered: M Phil & Ph D

Thrust Area:

- Molecular Biology of the Disease
- Signal Transduction
- Translational Regulation
- Protein Folding Dynamics
- Pathobiology of Diseases



DEPARTMENT OF BOTANY

Year of Establishment: 1961

Faculty Details:

1. Dr A H Munshi	Professor
2. Dr G H Dar	Professor
3. Dr Zafar Ahmad Reshi	Professor
4. Dr Irshad A Nawchoo	Associate Professor
5. Dr Inayatullah Tahir	Associate Professor
6. Dr Abdul Hamid Wani	Associate Professor
7. Dr Zahoor Ahmad Kaloo	Senior Assistant Professor
8. Dr Aijaz Ahmad Wani	Senior Assistant Professor
9. Mr Manzoor Ahmad Shah	Assistant Professor
10. Dr Seema Singh	Assistant Professor
11. Mr Latief Ahmad Peer	Assistant Professor
12. Mr Mohd Arif Zargar	Assistant Professor
13. Dr Mohd Yaqoob Bhat	Assistant Professor
14. Mr Anzar Ahmad Khuroo	Assistant Professor

Head of the Department: Professor G H Dar

Programmes Offered: M Sc (Botany)

Duration:	2 years / 4 semesters
Intake Capacity:	40 + 12 Self-financed seats
Eligibility Criteria: Three-year B Sc with Botany as one of the subjects.	

Course TitleS: M Sc (Botany)

Semester I

1. Viruses, Bacteria, Fungi and Plant Pathology
2. Algae, Bryophyta, and Pteridophyta
3. Biology and Diversity of Gymnosperms

4. Taxonomy of Angiosperms
5. Plant Resource utilization
6. Laboratory Course-I

Semester II

1. Biodiversity and Conservation Biology
2. Development in Angiosperms
3. Reproductive Biology of Angiosperms
4. Cell and Molecular Biology
5. Population and Community Ecology
6. Laboratory Course-II

Semester III

1. Cytogenetics and Genetics
2. Molecular Genetics
3. Plant Biochemistry
4. Ecosystem Ecology
5. Optional Courses
 - Plant Systematics and Diversity-I
 - Aerobiology-I
 - Microbial Ecology- I
 - Economic Botany and Reproductive Biology- I
 - Crop Physiology-I
 - Plant Pathology- I
 - Crop Genetics and Plant Breeding- I
6. Laboratory Course-III
7. Laboratory Course-IV

Semester IV

1. Plant Physiology
2. Genetic Engineering of plants and microbes
3. Plant Cell, Tissue and Organ culture
4. Biostatistics and Biotechniques
5. Optional Courses
 - Plant Systematics and Diversity-II

- Aerobiology-II
 - Microbial Ecology- II
 - Economic Botany and Reproductive Biology- II
 - Crop Physiology-II
 - Plant Pathology- II
 - Crop Genetics and Plant Breeding- II
6. Laboratory Course-V
 7. Laboratory Course-VI

M Sc (Bioresources)

Coordinator: Professor A H Munshi

Duration:	2 years / 4 semesters
Intake Capacity:	10+10 Self-financed Seats
Eligibility Criteria: Three-year B Sc with Botany, Zoology, Chemistry, Biochemistry, Biotechnology, Fruit Preservation, Mushroom Cultivation, Seed Technology, Sericulture, Fish, Fisheries and Industrial Chemistry in various combinations.	

Course Titles: M Sc (Bioresources)

Semester I

1. Bioresources: Development and Conservation
2. Bioresources: Assessment and Monitoring
3. Micropropagation: Techniques and Opportunities
4. Biofertilizers
Laboratory Course-I & Laboratory Course-II

Semester II

5. Bioenergy and Biofuels
6. Biomedicine and Biocosmetics



7. Bioprospecting
8. Biocrafts
Laboratory Course-III and Laboratory Course-IV

Semester III

Courses will be notified separately

Semester IV

Courses will be notified separately

Research Programmes Offered: M Phil & Ph D

Thrust Areas:

- Biodiversity characterization, conservation and sustainable utilization in relation to regional development.

- Plant invasions: species invasiveness, community invasibility, impact assessment and management.
- Reproductive biology in relation to conservation of endangered and endemic plants.
- In vitro multiplication for commercial exploitation of economically important plants and conservation of threatened species.
- Physiology of flower senescence and chemical regulation of vase life in selected ornamentals.
- Mycorrhizal functional diversity and its role in plant performance and ecosystem function.
- Anatomical survey of woods in relation to their industrial utility.
- Aerobiological surveys in relation to human disorders.
- Epidemiology, causes and control of some pathogenic diseases of important crops.

Milestones Achieved:

- The Department has been selected for funding under Special Assistance Programme (SAP-Phase-I) of University Grants Commission.
- The Department has been selected for Special funding by the Department of Science and Technology, Govt. of India under its FIST (Fund for Improvement of Science and Technology Infrastructure) programme.
- The Department has been sanctioned another post-graduate programme on Bioresources by the University Grants Commission (UGC) under its Innovative Programmes scheme.
- More than 2,000 students have pursued and successfully completed post-graduate programme.
- More than 120 students have successfully completed their M Phil programme.
- More than 101 research scholars have pursued studies leading to award of Ph. D degree.
- About 50 students have qualified CSIR-UGC JRF/ NET/ SET/ ARS and other related competitive examinations.
- More than one thousand research papers have been published in international and national journals
- 22 books have been authored by the faculty members.
- 26 angiosperm taxa discovered and described as new to science by the researchers.
- The Department has been successful in cultivating some rare, endemic and threatened (RET) plant species in the Botanical Garden.

DEPARTMENT OF ZOOLOGY

Year of Establishment: 1961

Faculty Details:

1. Dr R C Bhagat	Professor
1. Dr G Mustafa Shah	Professor
3. Dr Ashok Kumar Channa	Professor
4. Dr M Nayyar Azim	Associate Professor
5. Dr Ulfat Jan	Associate Professor
6. Dr Fayaz Ahmad	Associate Professor
7. Dr Muni Parveen	Senior Assistant Professor
8. Dr Syed Tanveer	Senior Assistant Professor
9. Dr Majidah Rashid	Senior Assistant Professor
10. Dr A A Buhroo	Senior Assistant Professor
11. Dr Md Niamat Ali	Senior Assistant Professor
12. Dr M F Fazili	Assistant Professor
13. Dr Tariq A Shosha	Assistant Professor
14. Dr Imtiaz Ahmad Khan	Assistant Professor
15. Dr Hidayatullah Tak	Assistant Professor

Head of the Department: Professor G Mustafa Shah

Programme Offered: M Sc (Zoology)

Duration:	2 years / 4 Semesters
Intake Capacity:	47 + 14 Self-financed Seats
Eligibility Criteria: Three-year B Sc with Zoology as one of the subjects.	

Course Titles: M Sc (Zoology)

Semester I

1. Biosystematics and Taxonomy
2. Structure and Function of Invertebrates

3. Ecology and Limnology
4. Vertebrate Immunology and Biomolecules
5. Laboratory Course-I
6. Laboratory Course-II

Semester II

1. Comparative Anatomy of Vertebrates
2. Animal Behaviour
3. Tools and Techniques and Quantitative Biology
4. Comparative Physiology and Endocrinology
5. Laboratory Course-III
6. Laboratory Course-IV

Semester III

1. Wildlife Management and Conservation Biology
2. Environmental Physiology and Developmental Biology
3. Molecular Cell Biology and Cytogenetics
4. Applied Zoology
5. Laboratory Course-V
6. Laboratory Course-VI

Semester IV (Three specializations)

I. (Parasitology)

1. General Parasitology
2. Immunology
3. Experimental Parasitology
4. Medical Entomology and Agricultural Nematology
5. Laboratory Course-VII
6. Laboratory Course-VIII

II. (Ichthyology)

1. Systematics, Morphology & Ecology
2. Anatomy and Physiology
3. Fishery Biology I
4. Fishery Biology –II
5. Laboratory Course-IX

6. Laboratory Course-X

III. (Entomology)

1. Systematics, Ecology and Embryology
2. Morphology, Anatomy and Physiology
3. Economic Entomology (insects pests and vectors)
4. Applied Entomology
5. Laboratory Course-XI
6. Laboratory Course-XII

Research Degrees Offered: M Phil and Ph D

Thrust Areas:

- Taxonomy, Morphology & Biology
- Histochemistry & Histopathology
- Immunology, Bio-chemistry
- Fishery Biology & Limnology
- Fish Nutrition and Physiology
- Wildlife Ecology & Ornithology
- General and Experimental Parasitology
- Medical and Veterinary Parasitology
- Agricultural Entomology, Biological Control of Insect Pests & Sericulture
- Cytology and Genetics.

Additional Information:

- The Department offers three special papers, viz. Parasitology, Ichthyology and Entomology. In order to achieve excellence, the syllabi adopted are revised and updated from time to time in the light of U.G.C. prescribed guidelines.
- More than 1500 research papers, including 13 books, have been published so far.



- 35 research projects have been successfully completed and some are ongoing.
- Number of scholars awarded M Phil and Ph D is 115 and 91, respectively.
- The Department has 8 well equipped research laboratories and 5 P G laboratories.
- An independent Computer-cum-Microscopy Laboratory with Internet Connectivity and all relevant software are available for the benefit of students and scholars.
- A full-fledged Seminar Library, as a supplement to the University Central Library, housing a wide spectrum of

journals, dissertations and theses, in addition to about five thousand books is present in the Department.

- The Departmental Museum has rich collection of about 1,100 specimens (local and exotic).
- Fish-pond, situated adjacent to the main building of Department is back-bone of research in the field of Ichthyology and Limnology. Recently, the Department has also established Fish Feeding Trial Laboratory in order to further strengthening the research activities of section of Ichthyology.
- Department has got State-of-the-Art sophisticated scientific equipments, the important ones are advanced microscopes (with digital Image Analyzers,

Fluorescence, Projection and CCTV attachments), Cryostat, Centrifuge, PCR, ELISA Reader, Histokinete, Soxtec fatty acid analyzer and CO2 Incubator, a separate Computer-cum-Microscopy Laboratory, Audio-visual aids, including LCD.

- Zoo-Society (Zoological Society) brings members on one platform for various programmes, including seminars, symposia, workshops, Extension lectures, Debates, etc. Apart from these, Zoological expeditions to high-altitude areas of Kashmir Himalayan regions for faunistic study and for collection, and also visit to the sea-shores for collection of sea shore fauna, are essential activities of this society.
- Department has several research projects in hand, sanctioned by DST, CSIR, UGC, ICAR and J&K State Council for Science & Technology.
- The Department is being funded by UGC under SAP-DRS programme, in the field of Experimental Parasitology, which has completed its first phase of five years successfully.
- The Department is also conducting collaborative research work with other institutes and laboratories, viz. SKIMS, SKUAST, IIM and CSR&TI, etc.
- Conduct of Seminars, Conferences, Workshops, Training Programmes, Refresher course is a continuous feature of the Department.
- The Department of Zoology has been selected for special funding by DST-FIST programme for a period of five year in order to further strengthen teaching and research activities.

FACULTY OF PHYSICAL & MATERIAL SCIENCE



- DEPARTMENT OF CHEMISTRY
- DEPARTMENT OF ENVIRONMENTAL SCIENCE
- DEPARTMENT OF GEOLOGY & GEOPHYSICS
- DEPARTMENT OF GEOGRAPHY & REGIONAL DEVELOPMENT
- DEPARTMENT OF MATHEMATICS
- DEPARTMENT OF PHYSICS
- DEPARTMENT OF STATISTICS

Dean: Professor M A Qurishi



DEPARTMENT OF CHEMISTRY

Year of Establishment: 1967

Faculty Details:

- | | |
|-----------------------------|----------------------------|
| 1. Dr M A Qurishi | Professor |
| 2. Dr Khaliqz Zaman Khan | Professor |
| 3. Dr B U Khan | Associate Professor |
| 4. Dr G M Peerzada | Associate Professor |
| 5. Dr M A Khuroo | Associate Professor |
| 6. Dr G M Rather | Associate Professor |
| 7. Dr W A Shah | Senior Assistant Professor |
| 8. Dr Altaf Hussain Pandit | Senior Assistant Professor |
| 9. Dr Aijaz Ahmad Dar | Assistant Professor |
| 10. Mr Mohsin Ahmad Bhat | Assistant Professor |
| 11. Syed Masood Ahmad Rizvi | Assistant Professor |

Head of the Department: Professor Khaliqz Zaman Khan

Programme Offered: M Sc (Chemistry)

Duration:	2 years / 4 Semesters
Intake Capacity:	50 + 14 Self-financed Seats
Eligibility Criteria: Three-year B Sc with Chemistry as one of the subjects.	

Course Titles: M Sc (Chemistry)

Semester I

1. Inorganic Chemistry
2. Organic Chemistry
3. Physical Chemistry
4. Molecular Symmetry & Spectroscopy
5. Math/Biology for Chemists

6. Laboratory Course in Inorganic Chemistry

Semester II

1. Inorganic Chemistry
2. Organic Chemistry
3. Physical Chemistry
4. Spectroscopy & Diffraction Methods
5. Bio-Organic & Bio-Physical Chemistry
6. Laboratory Course in Organic Chemistry

Semester III

1. Principles of Bio-Inorganic Chemistry & Applications of Spectroscopy
2. Applications of Spectroscopy (Organic) and Photochemistry
3. Physical Chemistry
4. Environmental Chemistry
5. Computers for Chemists
6. Laboratory Course in Physical Chemistry

Semester IV (Optionals available)

■ Inorganic Chemistry

1. Inorganic Polymers & Non-aqueous Chemistry
2. Organo-Transition Metal Chemistry
3. Bio-Inorganic Chemistry
4. Inorganic Photo-Chemistry
5. Seminar Lecture
6. Advanced Laboratory Course in Inorganic Chemistry

■ Organic Chemistry

1. Organic Synthesis
2. Chemistry of Heterocycles
3. Chemistry of Natural Products
4. Medicinal Chemistry
5. Seminar Lecture
6. Advanced Laboratory Course in Organic Chemistry.



■ Physical Chemistry

1. Computational Chemistry
2. Advanced Quantum Chemistry
3. Irreversible & Statistical Thermodynamics
4. Chemistry of Materials
5. Seminar Lecture
6. Advanced Laboratory Course in Physical Chemistry

Research Programmes Offered: M Phil and Ph D

Thrust Areas:

- Co-ordination Chemistry, Bio-Inorganic Chemistry, Oscillatory reactions.
- Natural Products and Synthetic Organic Chemistry.
- Interfacial Chemistry & Surface Phenomena.

DEPARTMENT OF ENVIRONMENTAL SCIENCE

Year of Establishment: 2000

Faculty details:

- | | |
|----------------------|--------------------|
| 1. Dr A R Yousuf | Professor |
| 2. Dr Azra N Kamili | Professor |
| 3. Dr Ashok K Pandit | Professor |
| 4. Dr G A Bhat | Professor |
| 5. Mrs Bilquis Qadri | Scientific Officer |

Head of the Department: Professor Azra N Kamili

Programme Offered: M Sc (Environmental Science)

Duration:	2 years / 4 Semesters
Intake Capacity:	16 + 09 Self-financed Seats
Eligibility Criteria:	
i. B Sc with any three of the following subjects: Botany, Bio-Chemistry, Chemistry, Zoology, Geology, Geography, Maths, Industrial Fish and Fisheries, Sericulture, Environment and Water Management, Mushroom Cultivation and Fruit Preservation, Seed Technology, Industrial Chemistry	
ii. B Sc Agriculture, B Sc Fisheries, B Sc, Forestry, B V Sc and B Tech / Engineering.	

Course Titles: M Sc (Environmental Science)

Semester I

1. Fundamentals of Environmental Science
2. Environmental Chemistry
3. Environmental Biology

4. Natural Resources
5. Lab Course-I

Semester II

1. Environmental Geo-Science
2. Environmental Toxicology
3. Environmental Pollution and its Control - I
4. Environmental Pollution and its Control - II
5. Lab Course-II

Semester III

1. Environmental Microbiology
2. Environmental Laws
3. Environmental Impact Assessment
4. Environmental Statistics and Computer Programming
5. Lab Course-III

Semester IV

1. Remote Sensing, GIS and Environmental Auditing
2. Man and Environment
3. Environmental Engineering
4. Resource Management and Sustainable Development
5. Project work (Dissertation)

Research Programmes Offered: M Phil & Ph D

Thrust Areas:

- Air Pollution
- Water Pollution
- Wildlife Management
- Forest Ecology
- Environmental Microbiology
- Environmental Toxicology



Additional Information:

- Department conducted an educational-cum-ecological tour to Bangalore, Mysore, Ooty and New Delhi.
- Department also conducted a tour to Ladakh region to study the ecology of that area.
- Department organized aquatic plant collection trips to Manasbal.
- Students also visited Sonamarg for plant collection and M.Sc. project work.
- Three students were awarded Ph. D degree during year 2008-09.



DEPARTMENT OF GEOLOGY & GEOPHYSICS

Year of Establishment: 2000

Faculty Details:

- | | |
|----------------------------|----------------------------|
| 1. Dr Mohammad Ismail Bhat | Professor |
| 2. Dr Shakil Ahmad Romshoo | Associate Professor |
| 3. Dr Bikram Singh | Senior Assistant Professor |
| 4. Dr Rakesh Chandra | Senior Assistant Professor |
| 5. Dr Gh. Jeelani | Assistant Professor |

Head of the Department: Professor M Ismail Bhat

Programmes Offered:

M Sc (Applied Geology)

Duration:	2 years / 4 Semesters
Intake Capacity:	20+6 Self-financed Seats
Eligibility Criteria: B Sc with Geology as one of the Subjects.	

Course Titles: M Sc (Applied Geology)

Semester I

1. Structural Geology and Global Tectonics
2. Paleobiology and Stratigraphy
3. Sedimentology
4. Seminar related to theory courses
5. Practical Lab Course I
6. Practical Lab Course II

Semester II

1. Mineralogy and Geochemistry
2. Igneous and Metamorphic Petrology
3. Ore, Fuel and Exploration Geology
4. Seminar related to theory courses
5. Practical Lab Course III

6. Practical Lab. Course IV
7. Geological Field Training of 4 to 6 Weeks

Semester III

1. Tectonic Geomorphology
2. Hydrogeology
3. Remote Sensing and Geographic Information System
4. Seminar related to theory courses
5. Practical Lab. Course V
6. Practical Lab. Course VI

Semester IV

1. Engineering and Environmental Geology
2. Special Paper
3. Practical Lab. Course VII
4. Project Work (Dissertation)

M Sc (Geo-Informatics)

Duration:	2 years / 4 semesters
Intake Capacity:	10 Seats
Eligibility Criteria:	
i) Three-year B Sc with Physics/Chemistry/ Mathematics/ Statistics/ Zoology/ Electronics/ Botany/ Geography as one of the subjects.	
ii) B Sc in Computer Science/ Agriculture/ Forestry/ Horticulture/ Town Planning/ Information Technology/ Computer Applications	
iii) B E in Civil/ Electrical/ Electronic/ Computer Engineering/Architecture.	

Course Titles: M Sc (Geo-Informatics)

Semester I

1. Computers and Geoinformation Management

2. Fundamentals of Remote Sensing
3. Fundamentals of GIS
4. Field Survey, geodesy and GPS
5. Digital Image Processing
6. Geospatial Analysis

Semester II

1. Cartography and Geoinformation Visualization
2. Advance Image Processing
3. Advanced Geoinformatics
4. Database Management System
5. Advance Image Processing
6. Geospatial Modeling
7. Ground Truth Collection

Semester III

1. Fundamentals of Microwave Remote Sensing
2. Geospatial Statistics
3. Advanced GIS data analysis and modeling
4. Field Survey and Training
5. Project Work/Dissertation

Semester IV

1. Project Work
2. Special Paper (One of the following)
 - Hydroinformatics
 - Natural resources management
 - Remote sensing for urban and regional planning
 - Land degradation studies
 - Disaster, risk and hazard management

Post-Graduate Diploma in Remote Sensing & GIS (Self-financing programme)

Duration:	01 year / 2 Semesters
Intake Capacity:	18 Payment + 2 Sponsored Seats
Eligibility Criteria: B Sc with any one of the following subjects at graduation level: Geology/ Physics/ Chemistry/ Mathematics/ Electronics/ Botany/ Geography/ BSc Computer Science/ Agriculture/ Forestry/ Horticulture/ Town Planning/ Information Technology/ Computer Applications/ B E in Civil/ Electronic/ Computer Engineering.	

Course Titles: Post-Graduate Diploma in Remote Sensing & GIS

Semester I

1. Computer & Geoinformation Management
2. Cartography & Geoinformation Visualization
3. Fundamentals of Remote Sensing
4. Fundamentals of GIS
5. Practical Lab. Course I
6. Practical Lab. Course II

Semester II

1. Fundamentals of Microwave Remote Sensing
2. Advanced image processing
3. Advanced Geo-informatics
4. Practical Lab. Course III
5. Practical Lab. Course IV
6. Project Work (Dissertation)

Research Programmes Offered M Phil and Ph D

Thrust Area:

- Seismology
- Disaster Management



- Remote Sensing, GIS
- Environmental Hydrology
- Structure & Tectonics
- Sedimentology
- Hydrogeology
- Climatology
- Geochemistry

Additional Information:

- The Department has research collaborations with a number of national and international research institutes like National Geophysical Research Institute (NGRI), Indian Space Research Organisation (ISRO),

Bhaba Atomic Research Centre (BARC) and Department of Geological Sciences, University of Colorado, U.S. Further, the Department has won funding for a number of research schemes from DST, MOES, MOEF, ISRO, UGC and BARC during the last few years.

- The Department has well established laboratories for Remote Sensing, Rock-cutting & Thin-section preparation, Sedimentology, Paleontology, Petrology and Geochemistry.



DEPARTMENT OF GEOGRAPHY & REGIONAL DEVELOPMENT

Year of Establishment: 1979

Faculty Details:

- | | |
|----------------------------|----------------------------|
| 1. Dr T A Kanth | Professor |
| 2. Dr Mohammad Sultan Bhat | Professor |
| 3. Dr Ishtiaq Ahmed Mayer | Associate Professor |
| 4. Dr Shamim Ahmed Shah | Senior Assistant Professor |
| 5. Dr Pervez Ahmed | Senior Assistant Professor |
| 6. Dr Harmeet Singh | Assistant Professor |
| 7. Dr G M Rather | Assistant Professor |
| 8. Dr Javeed Ahmed Rather | Assistant Professor |
| 9. Mr M Shafi Bhat | Assistant Professor |

Head of the Department: Professor M Sultan Bhat

Programme Offered

M A / M Sc (Geography)

Duration:	2 years / 4 Semesters
Intake Capacity:	30 + 09 Self-financed Seats
Eligibility Criteria:	Three-year B A / B Sc with Geography as one of the subjects.

Course Titles: M A (Geography)

Semester I

1. Geomorphology
2. Economic Geography
3. Regional Planning and Development
4. Evolution of Geographic Thought

Practicals

5. Advanced Cartography
6. Quantitative Techniques in Geography

Semester II

1. Climatology
2. Population Geography
3. Regional Geography of India
4. Remote Sensing and GIS

Practicals

5. Remote Sensing Techniques
6. Advanced Statistical Methods

Semester III

1. Oceanography
2. Settlement Geography
3. Ecology and Environment
4. Social and Cultural Geography

Practicals

5. GIS and Digital Mapping
6. Field Studies (Geomorphologic and Socio- Economic)

Semester IV

Stream-1st

1. Applied Geomorphology
2. Fluvial and Glacial Geomorphology

Stream-2nd

1. Medical Geography
2. Agriculture Geography

Stream 3rd

1. Urban Geography
2. Geography of Tourism

Open Courses

1. Soil Geography
2. Natural Resources Management
3. Political Geography

*Dissertation

Practical

4. Advanced Surveying and Geological Maps
- **Field studies & trainings

**The students shall have to select one stream comprising two courses from the three specialized streams being offered and one course from any of the three open courses. In addition to this, the students have to write a dissertation on the topic related to the two courses of his/her chosen specialized stream.*

***The students have to undergo two weeks hands on training in Digital Image Processing/Global Positioning System (DIP /GPS) at any of the Regional Remote Sensing Service Centres (RRSSC-ISRO) of the Department of Space, Govt. of India or any other National Centre to be identified by the Department.*

Research Programmes Offered: M Phil and Ph D

Thrust Areas:

- Applied Geomorphology / Glacial Studies
- Remote Sensing and GIS Application in Resource Management and Spatial Development
- Urbanization & Spatial Development Planning
- Environment & Health
- Tourism and Developmental Planning

Additional Information:

- The Department has set up a specialized GIS (Geographic Information System) state-of-the-art laboratory equipped with about fifty computer systems and related accessories. This laboratory has been established with financial support from the Department of Science and Technology, Govt. of India under their FIST Support Programme.
- The Department also has well developed Digital Cartography and Surveying laboratories.
- Infrastructural facilities, such as A0 size scanner, Automatic Weather Monitoring Station (AWMS), GIS softwares like Erdas Imagine Professional Version 9.0 (5 licenses) and Arc Info GIS Version 9.2 (1 license), latest version of Map Info (10 licenses) are available for the benefit of students. Besides, IBM Serves, Total Station and Telescopic Theodolites are also existing in the Department.

DEPARTMENT OF MATHEMATICS

Year of Establishment: 1958

Faculty Details:

- | | |
|-----------------------------|----------------------------|
| 1. Dr M A Sofi | Professor |
| 2. Dr Abdul Aziz | Professor |
| 3. Dr Nisar Ahmad Rather | Professor |
| 4. Mr M H Gulzar | Associate Professor |
| 5. Dr Sharief-u-Din Pirzada | Associate Professor |
| 6. Dr B A Zargar | Senior Assistant Professor |
| 7. Dr Q M Dawood | Senior Assistant Professor |
| 8. Mr Mukhtar Ah Khanday | Assistant Professor |
| 9. Dr M Abdullah Mir | Assistant Professor |

Head of the Department: Professor M A Sofi

Programme Offered: MA / M Sc (Mathematics)

Duration:	2 years / 4 Semesters
Intake Capacity:	47 + 14 Self-financed Seats
Eligibility Criteria: Three-year BA/BSc with Mathematics as one of the subjects.	

Course Titles: M A / M Sc (Mathematics)

Semester I

- Advanced Abstract Algebra-I
- Real Analysis
- Topology
- Complex Analysis-I
- Methods of Applied Mathematics

Semester II

- Advanced Abstract Algebra-II
- Differential Geometry

- Functional Analysis-I
- Complex Analysis - II
- Graph Theory

Semester III

- Advanced Real Analysis
- Theory of Ordinary Differential Equations

Optional Courses

- Theory of Numbers-I
- Advanced Functional Analysis-I
- Probability & Statistics-I
- Advanced Topics in Analytic Theory of Functions
- Advanced Topics in Topology & Modern Analysis-I
- Advanced Topics in Graph Theory
- Operation Research-I
- Computer Programming in C (with ANSI features) and Practical-II

Semester IV

- Lebesgue Integration Theory
- Theory of Partial Differential Equations

Optional Courses

- Theory of Numbers-II
- Advanced Functional Analysis-II
- Probability & Statistics-II
- Advanced Topics in the Analytic Theory of Polynomials
- Advanced Topics in Topology & Modern Analysis-II
- Advanced Topics in Graph Theory II
- Operation Research-II
- Computer Programming in C (with ANSI features) & Practical-II

In addition to two core courses in the III and IV semesters as indicated above, three optional papers from the given list will have to be chosen in the III semester and the corresponding



three optional papers will have to be chosen in the IV semester keeping in view the suitability of combinations. However, the students shall have the option of choosing only those optional papers in which the facilities in terms of resource personnel and related infrastructure are available in the Department.

Research Programmes Offered: M Phil and Ph D

Thrust Areas:

- Complex Function Analysis (Analytic Theory of Polynomials and Rational Functions)
- Functional Analysis, Vector Measures (Geometry of Banach Spaces and Nuclear Frechet Spaces)
- Graph Theory

Additional Information:

- The Department has commendable achievements to its credit in several areas of research.
- The Department has recently established a new Computer Laboratory with the assistance of DST, New Delhi, under his FIST programme. The laboratory is equipped with 15 PCs' and a number of useful mathematical softwares that aid is exposing students to certain basic courses in computer fundamentals which increases their employability.



DEPARTMENT OF PHYSICS

Year of Establishment: 1962

Faculty Details

1. Dr Farooq Ahmad	Professor
2. Dr Sheikh Javid Ahmed	Professor
3. Dr Shakeel A Simnani	Senior Assistant Professor
4. Dr Sajad Masood	Senior Assistant Professor
5. Dr Gowhar Bashir	Senior Assistant Professor
6. Dr Manzoor Ahmed Malik	Senior Assistant Professor
7. Dr Waseem Bari	Senior Assistant Professor
8. Dr Naseer Iqbal	Senior Assistant Professor
9. Dr Mohd Farooq Mir	Senior Assistant Professor
10. Mr Gh Nabi Dar	Senior Assistant Professor / Scientific Officer

Head of the Department: Professor Farooq Ahmed

Programme Offered: M Sc (Physics)

Duration:	2 years / 4 semesters
Intake Capacity:	48 + 14 Self-financed Seats
Eligibility Criteria: Three-year B Sc with Physics as one of the subjects.	

Course Titles: M Sc (Physics)

Semester I

1. Mathematical Physics
2. Classical Mechanics
3. Quantum Mechanics-I
4. Electronic Devices
5. Laboratory Courses

Semester II

1. Quantum Mechanics-II
2. Statistical Mechanics
3. Electrodynamics & Plasma Physics
4. Atomic and Molecular Physics
5. Laboratory Courses

Semester III

1. Computational Methods & Programming
2. Nuclear & Particle Physics
3. Electronics: Special Paper-I
4. Astrophysics: Special Paper-I
5. Nuclear & Particle Physics: Special Paper-I
6. Laboratory Courses

Semester IV

1. Condensed Matter Physics
2. Quantum Electrodynamics: Special Paper
3. Electronics: Special Paper-II
4. Astrophysics: Special Paper-II
5. Nuclear & Particle Physics: Special Paper-II
6. Atmospheric Science: Special Paper
7. Project related to specializations

Research Programmes Offered: M Phil and Ph D

Thrust Areas:

Experimental Physics

- Observational Astronomy
- Solid State Physics
- Solid State Electronics
- High Energy Physics
- Nuclear Physics

Theoretical Physics

- Astrophysics
- Statistical mechanics
- Theoretical Many-body Physics

Additional Information:

- The Department has a well-established experimental High Altitude Research Centre at Gulmarg, which is suited for Atmospheric Physics and other high altitude research works. A telescope is presently in the process of being installed at Gulmarg to study the variable stars, binary stars, star clusters and study of other celestial objects within the reach of the telescope. The Research Centre at Gulmarg offers programmes leading to award of M Phil and Ph D degrees. It is also collaborating with Indian Meteorological Department, New Delhi/Pune for the last 50 years in collection and recording of valuable atmospheric and weather related data.
- Department has several research projects in hand sanctioned by DST New Delhi, IUAC, New Delhi and Jamshedji Tata Trust, Mumbai. Department has also established a laboratory for monitoring geo-chemical precursory signals for seismic events at Tatapani (Rajouri), Jammu.
- The Department is also conducting collaborative research work with other institutes, such as Institute of Astronomy, Cambridge University, U K, Saha Institute of Nuclear Physics, Kolkata, Variable Energy Cyclotron Centre, Kolkata, IUCAA Pune, IUAC, New Delhi etc.
- The students of M.Sc IV semester class visit premier institutes of the country to collect data / library consultation /experimental training etc. in connection with their project tour which is one of the most important and compulsory components of CDC syllabi.
- The Department has a well equipped computer laboratory with internet facility which is extensively used by students, scholars and staff members of the Department.

DEPARTMENT OF STATISTICS

Year of Establishment: 1986

Faculty Details:

1. Dr Aquil Ahmad	Professor (on EOL)
2. Dr Anwar Hassan	Associate Professor
3. Dr M A K Baig	Senior Assistant Professor
4. Dr Tariq Rashid Jan	Assistant Professor
5. Dr Sheikh Parvez Ahmad	Assistant Professor

Head of the Department: Professor Anwar Hassan

Programme Offered: M A / M Sc (Statistics)

Duration:	2 years / 4 Semesters
Intake Capacity:	50 + 15 Self-financed Seats
Eligibility Criteria:	Three-year B A/B Sc with Statistics or Mathematics as one of the subjects.

Course Titles: M A /M Sc (Statistics)

Semester I

1. Mathematical Analysis
2. Probability & Distribution Theory-I
3. Sample Surveys and Statistics for National Development
4. Statistical Computing
5. Practicals

Semester II

1. Probability and Distribution Theory-II
2. Stochastic Processes
3. Demography
4. Linear Models and Regression Analysis
5. Practicals

Semester III

1. Inference-I
2. Design and Analysis of Experiments
3. Operations Research-I
4. Multivariate Analysis
5. Practicals

Semester IV

1. Inference-II
2. Operations Research-II
3. Industrial Statistics
4. Information Theory
5. Practicals
6. Survey Project.

Research Programmes Offered: M Phil and Ph D

Thrust Areas:

- Operations Research
- Probability Distribution and Statistical Inference
- Information Theory
- Bayesian Data Analysis
- Sampling
- Reliability theory

Additional Information:

- The Department have forged strong interdisciplinary links with other departments and areas of study.
- The Department has a Statistical Laboratory which is equipped with computing facilities, such as statistical packages like MINITAB and SLPUS.



- The Department also provides statistical support / counselling to research scholars /teachers working in various departments of the University and in other neighbouring institutions.
- An educational tour to various statistical institutions and laboratories of the country is also undertaken for the students of the Semester IV class.
- The Department organized an International Conference of “New Trends in Statistics & Optimisation”. The Department also celebrates the Statistical Day every year on 29th June.



FACULTY OF SOCIAL SCIENCE



- DEPARTMENT OF ECONOMICS
- DEPARTMENT OF HISTORY
- SHAH-I-HAMADAN INSTITUTE OF ISLAMIC STUDIES
- MEDIA EDUCATION RESEARCH CENTRE (MERC)
- DEPARTMENT OF POLITICAL SCIENCE
- DEPARTMENT OF PSYCHOLOGY
- DEPARTMENT OF SOCIOLOGY & SOCIAL WORK

Dean: Professor Noor Ahmad Baba



DEPARTMENT OF ECONOMICS

Year of Establishment: 1966

Faculty Details:

- | | |
|----------------------|--|
| 1. Dr G M Bhat | Professor
(on extra-ordinary leave) |
| 2. Dr A S Bhat | Professor |
| 3. Dr Effat Yasmeen | Associate Professor |
| 4. Dr Imtiyaz-ul-Haq | Senior Assistant Professor |
| 5. M Sarfraz Equba | Assistant Professor |

Head of the Department: Professor A S Bhat

Programme Offered: M A (Economics)

Duration:	2 years / 4 Semesters
Intake Capacity:	65 + 20 Self-financed Seats
Eligibility Criteria: Three-Year BA with Economics as one of the subjects OR B Sc with Mathematics and Statistics OR B Sc Agriculture.	

Course Titles: M A (Economics)

Semester I

Core Courses:

1. Micro economic Analysis
2. Macro economic Analysis
3. Statistical Methods
4. Financial Institutions and Markets.

Optional Courses:

5. Mathematical Economics
6. Economics of Infrastructure
7. Labour Economics

Semester II

Core Courses:

1. General Equilibrium and Welfare Economics
2. Macroeconomic Dynamics
3. Economics of Development
4. Agriculture Economics

Optional Courses:

5. History and Pattern of Economic Development: Britain, Japan, China, Russia
6. Resource Economics
7. Demography

Semester III

Core Courses:

1. Theory of International Trade
2. Public Economics
3. Banking, Institutions and Markets
4. Economics of Growth and Development.

Optional Course:

5. Econometrics
6. Economics of Tourism
7. Transition Economics.

Semester IV

Core Courses:

1. Political Economy
2. Environmental Economics
3. International Finance & Institutions
4. Indian Economy: Planning and Policy.

Optional Courses:

5. Rural Economics
6. Computer Applications
7. Project Work



**Research Programmes Offered:
M Phil and Ph D**

Thrust Areas:

- Development Economics
- J&K State Economy
- Economic Analysis

DEPARTMENT OF HISTORY

Year of Establishment: 1965

Faculty Details:

- | | |
|----------------------------|---|
| 1. Dr Mohammad Ashraf Wani | Professor |
| 2. Dr Bashir Ahmad Khan | Professor |
| 3. Dr Parveez Ahmad | Associate Professor |
| 4. Dr Mohamad Yousuf Ganai | Associate Professor |
| 5. Dr Farooq Ahmad | Associate Professor |
| 6. Mrs Shahla Hussain | Assistant Professor
(on study leave) |

Head of the Department: Professor Bashir A Khan

Programme Offered: M A (History)

Duration:	2 years / 4 Semesters
Intake Capacity:	65 + 20 Self-financed Seats
Eligibility Criteria: Three-year B A with History as one of the subjects.	

Course Titles: M A (History)

Semester I

1. History of Kashmir (From its Origins upto 1846)
2. Ancient India upto 300 A.D
3. Medieval India-I
4. Modern India-I

Semester II

1. History of Kashmir-I (1846-1975)
2. Ancient India (300-1200 A.D)
3. Medieval India-II
4. Modern India (1858-1947).

Semester III

Compulsory Courses

1. Historiography-I
2. Modern world-I

Specialization: (A)

Ancient India

1. India and the Neighbouring World; Contacts & Influences
2. Pre-History and Proto-History
3. Socio-Cultural History of Ancient India

Specialization: (B)

Medieval India

1. Political and Administrative History of Medieval-I
2. Economic History of Medieval India-I
3. Social and Cultural History of Medieval India-I

Specialization: (C)

Modern India

1. Political and Administrative History of Modern India-I (1757-1947)
2. Economy and Society (1757-1857)
3. Indian National Movement (1885-1919)

Semester IV

Compulsory Courses

1. Historiography-II
2. Modern World -II

Specialization: (A)

Ancient India

1. Economic History of Ancient India
2. Political Ideas and Institutions in Ancient India
3. History of Archaeology

Specialization: (B)

Medieval India

1. Political and Administrative History of Medieval-II
2. Economic History of Medieval India- II



3. Social and Cultural History of Medieval India-II

Specialization: (C)

Modern India

1. Economy, Society and Culture (1858-1947)
2. Indian National Movement (1919-1947)
3. India After Independence (1947-1970).

Research Programmes Offered: M Phil and Ph D

Thrust Areas:

- Ancient
- Medieval
- Modern Indian History.



SHAH-I-HAMADAN INSTITUTE OF ISLAMIC STUDIES

Year of Establishment: 1988

Faculty Details:

- | | |
|--------------------------|----------------------------|
| 1. Dr Naseem Ahmad Shah | Professor |
| 2. Dr Hamidullah Marazi | Professor |
| 3. Dr Abdul Rashid Bhat | Associate Professor |
| 4. Dr Manzoor Ahmad Bhat | Senior Assistant Professor |

Head of the Department: Professor Naseem A Shah

Programmes Offered: M A (Islamic Studies)

Duration:	2 years / 4 Semesters
Intake Capacity:	46+14 Self-financed Seats
Eligibility Criteria: 50% seats for candidates having graduated with Islamic Studies one of the subjects. 50% seats for candidates having graduated in any other discipline.	

Course Titles: (M A Islamic Studies)

Semester I

1. Islamic Civilization: Origin & Development (upto 750 AD)
2. Introduction to the Study of Qur'an and Hadith
4. Tasawwuf: Origin and Development.
5. Proficiency in Arabic-I OR Proficiency in Persian-I OR Proficiency in Turkish-I OR Islam and Orientalism.

Semester II

1. Islamic Civilization (8th-14th Century)
2. Introduction to the study of Fiqh OR Special Course in Fiqh Methodology OR Islam Da;Wah OR Islam and Science.

3. Ilmu'l Kal'am and Muslim Philosophy
4. Proficiency in Arabic- II OR Proficiency in Persian –II OR Proficiency in Turkish-II OR Islam and the West

Semester III

1. Islamic Civilization in Medieval India.
2. Major World Religions OR Islamic Civilization in the West Asia (13th-19th Century) OR Islamic Ethics OR Islamic Civilization in Central Asia OR Islamic Civilization in Africa.
3. Islam in the Modern World: Thinkers, Trends and Movements in South Asia.
4. Proficiency in Arabic –III OR Proficiency in Persian-III OR Proficiency in Turkish-III OR Materials, Methods and Techniques in Islamic Studies.

Semester IV

1. Islamic Society and Culture in Kashmir: Origin and Development.
2. Islamic Social Sciences OR Islam and Women OR Islam in Contemporary West Asian Society and Polity OR Islamic Societies in Modern South Asia (SAARC).
3. Islam in Modern World: Thinkers, Trends and Movements in West Asia.
4. Proficiency in Arabic- IV OR Proficiency in Proficiency in Persian -IV OR Proficiency in Turkish –IV OR

Dissertation on any one of the following:

- a. 'Shah-I-Hamadan
- b. Maulana Azad
- c. Mushiru'l Haq
- d. Allama Anwar Shah Kashmiri
- e. Any other relevant topic assigned by the Institute.

Certificate Course in Quranic Studies (Self Financing)

Duration:	01 year
Intake Capacity:	20+06 Self-financed Seats
Eligibility Criteria: Candidates having passed their 10+2 level examination from J&K Board of School Education or any other examination equivalent thereto.	

Course Titles: (Certificate Course Quranic Studies)

1. Usual Qirat Wa Tajwid
2. Qawaid Lughat al-Quran
3. Ulum –al-Quran
4. Ahkam-al-Quran
5. Viva-Voce

Research Programmes Offered: M Phil and Ph D

Thrust Areas:

- History of Islamic Civilization
- Islamic Religious and Social Sciences
- Tassawuf (Mysticism)
- Comparative Religions
- Modern Trends in the world of Islam and Area Studies.

DEPARTMENT OF MEDIA EDUCATION RESEARCH CENTRE (MERC)

Year of Establishment: 1985

Faculty Details:

1. Mr Nasir Mirza	Senior Assistant Professor
2. Ms Meera Agarwal	Assistant Professor (Migrant)
3. Mr Subhash Chandra Razdan	Assistant Professor (Migrant)
4. Dr Sabeha Mufti	Senior Assistant Professor
5. Dr Aaliya Ahmad	Assistant Professor
6. Ms Syeda Afshana Bhat	Assistant Professor
7. Malik Zahra Khalid	Assistant Professor

Head of the Department/Incharge: Dr Shahid Rasool

Programme Offered: M A (Mass Communication & Journalism)

Duration:	2 years/ 4 Semesters
Intake Capacity:	30 + 9 Self-financed Seats
Eligibility Criteria: 3-year Graduation in any discipline	

Course Titles: M A (Mass Communication & Journalism)

Semester I

1. Nature and Characteristics of Mass Communication.
2. History and Growth of Media
3. Print Media- Reporting
4. Media Laws and Ethics
5. Photojournalism

Semester II

1. Communication Research
2. Print Media-Editing
3. Radio Programming
4. TV Production
5. Option I (Traditional Media)
6. Option II (Creative Writing)

Semester III

1. International Communication
2. Presentation & Communication Skills
3. Development Communication
4. Advertising
5. Option I (Media and Society)
6. Option II (Urdu Journalism)

Semester IV

1. New Media Technologies
2. Corporate Communication and Public Relations

Specializations

1. Print Journalism
2. Broadcast Journalism
3. Media Management
4. Dissertation
5. Attachment

Research Programmes Offered: M Phil & Ph D

Thrust Areas:

- News Reporting and Editing
- Public Relations and Corporate Communication
- Communication Theory & Research
- Radio and TV Production
- Advertising & Marketing
- Creative Writing





DEPARTMENT OF POLITICAL SCIENCE

Year of Establishment: 1963

Faculty Details:

- | | |
|--------------------------|-----------------------------|
| 1. Dr Noor Ahmad Baba | Professor |
| 2. Dr Asifa Jan | Professor |
| 3. Dr Gul Mohammad Wani | Associate Professor |
| 4. Dr Ravinderjit Kour | Associate Professor |
| 5. Dr Irshad Ahmad | Associate Professor |
| 6. Dr Naseema Akhter | Associate Professor |
| 7. Dr Nazir Ahmad | Assistant Professor |
| 8. Ms Sanjeda Warsi | Assistant Professor |
| 9. Mr Javid Ahmad Dar | Assistant Professor |
| 10. Mr Aijaz Ashraf Wani | Assistant Professor |
| 11. Dr Anjum Ara Shamim | Assistant Professor (Adhoc) |

Head of the Department: Professor (Dr) Asifa Jan

Programme Offered: M A (Political Science)

Duration:	2 years / 4 Semesters
Intake Capacity:	65 + 20 Self-financed Seats
Eligibility Criteria: Three-year B A with Political Science as one of the subjects.	

Course Titles: M A (Political Science)

Semester I

1. Ancient & Medieval Political Thought
2. Indian Political System
3. International Politics
4. Government and Politics in J&K

Semester II

1. Modern Western Political Thought
2. Comparative Politics
3. Theories of International Relations
4. Modern Indian Political Thought.

Semester III

Core courses:

1. Modern Political Theory
2. Major Ideas & Issues in Public Administration.

Optional courses:

3. International Law
4. Theory and Practice of Diplomacy
5. Indo-Pak Relations
6. West-Asian Politics.

Semester IV

Core courses:

1. Local Self Government
2. Research Methodology

Optional courses:

3. Human Rights
4. South Asian Politics
5. Peace and Conflict Resolution
6. Politics in Persian Gulf
7. Contemporary Debates in Political Theory.



Research Programmes Offered: M Phil and Ph D

Thrust Areas:

- International Relations, Peace Studies
- South Asia and West Asia, Indian & State
- Politics with special reference to J&K Politics

DEPARTMENT OF PSYCHOLOGY

Year of Establishment: 2002

Faculty Details:

- | | |
|--------------------------|--------------------------------------|
| 1. Dr Touseef Rizvi | Assistant Professor |
| 2. Dr Shawkat Ahmad Shah | Assistant Professor |
| 3. Dr Humera Shafi | Assistant Professor
of Psychology |

Head of the Department (Incharge): Professor Mahmood A Khan

Programmes Offered: M A (Psychology)

Duration:	2 years / 4 Semesters
Intake Capacity:	40+12 Self-financed Seats
Eligibility Criteria: Three-year B A with Psychology as one of the subjects.	

Course Titles: M A (Psychology)

Semester I

1. Cognitive Processes
2. Biological Processes
3. Applied Statistics
4. System and Theories in Psychology
5. Practicals

Semester II

1. Cognitive Processes-II
2. Research Methods
3. Foundations of Applied Social Psychology
4. Conflict, Peace & International Relations
5. Practicals

Semester III

1. Psychopathology
2. Assessment and Psycho-diagnostics
3. Health Psychology
4. Organizational Behaviour
5. Practicals

Semester IV

1. **Intervention:** Strategies, skills and Applications

2. Behaviour Modifications
3. Disabilities and Rehabilitation
4. Counselling Psychology
5. Practical and Project work.

Research Programmes Offered: M Phil & Ph D





DEPARTMENT OF SOCIOLOGY AND SOCIAL WORK

Years of Establishment:
1989 (Sociology)
2003 (Social Work)

Faculty Details:

- | | |
|--------------------------|--------------------------------------|
| 1. Dr Bashir Ahmad Dabla | Professor |
| 2. Dr Aneesha Shafi | Associate Professor |
| 3. Dr Peerzada M Amin | Associate Professor |
| 4. Mrs Shazia Manzoor | Assistant Professor
(Social Work) |
| 5. Ms Saima Farhad | Assistant Professor
(Social Work) |
| 6. Dr Manzoor Hussain | Assistant Professor |
| 7. Mr Saleem Jahangir | Assistant Professor |

Head of the Department: **Dr Aneesha Shafi**

Programmes Offered: MA (Sociology)

Duration:	2 years / 4 Semesters
Intake Capacity:	50+15 Self-financed Seats
Eligibility Criteria: Three-year B A with Sociology or any other social science subject or Education as one of the subjects. 80% seats are reserved for graduates having passed Sociology as one subject and 20% seats for all non-Sociology graduates including Engineering, Commerce and Science graduates provided Science and Engineering graduates shall have at least 60% marks at graduation level.	

Course Titles: M A (Sociology)

Semester I

1. Introduction to Sociology
2. Sociological Thought
3. Methodology of Social Research

4. Comparative Sociology
5. Social Anthropology
6. Environment and Society.

Semester III

1. Theoretical Perspectives in Sociology
2. Sociology of Religion
3. Political Sociology
4. Field Work and Viva Voce
5. Sociology of South Asian Societies
6. Sociology of Family, Marriage and Kinship.

Semester II

1. Indian Society: Structure and Change
2. Social Demography
3. Sociology of Education
4. Rural Sociology
5. Industrial Sociology
6. Sociology of Science and Technology

Semester IV

1. Sociology of Change and Development
2. Indian Sociology: Perspectives & Approaches
3. Globalization and Society
4. Field Work and Viva Voce
5. Urban Sociology
6. Social Movements in India.

M A (Social Work)

Duration:	2 years/ 4 Semesters
Intake Capacity:	30+11 Self-financed Seats
Eligibility Criteria:	3-Year graduation in any discipline.

Course Titles: M A (Social Work)

Semester I

1. History and Philosophy of Social Work
2. Sociology for Social Work in India
3. Human Growth and Development
4. Social work with Individuals
5. Concurrent Field Work

Semester II

1. Social Group Work
2. Community Organization, Community Work & Social Action
3. Social Work Research
4. Counselling: Theory and Practice
5. Concurrent field Work
6. Winter Training

Semester III

1. Social Policy and Planning
2. Social Justice and Social Legislation
3. Social Welfare Management
4. Rural Urban Community Development
5. Concurrent Field Work

Semester IV

1. Human Resource Management
2. Social Security and Labour Welfare and related Legislations
3. Family, Women and Child Welfare
4. Organizational Behaviour
5. Concurrent Field Work
6. Winter Training

Research Programmes Offered: M Phil and Ph D in Sociology

M Phil in Social Work

Thrust Areas:

- Sociology of Kashmir
- Social Change and Development
- Ethnicity and Pluralism
- Women, Children and Society
- Sociology of Religion and Culture
- Social Demography
- Rural/Urban Sociology
- Sociology of Minorities/ Muslims
- Social Welfare Programmes
- Social Work and Conflict Situations
- Social Rehabilitation in India
- Medical and Psychiatric Social Work
- Sociology of Health
- Conflict Management
- Media and Society

RESEARCH & OTHER CENTRES/ INSTITUTES



- ACADEMIC STAFF COLLEGE (ASC)
- BIO-INFORMATICS CENTRE
- CENTRE FOR ADULT CONTINUING & EXTENSION EDUCATION
- CENTRE OF CENTRAL ASIAN STUDIES
- CENTRE OF RESEARCH FOR DEVELOPMENT (CORD)
- CENTRE FOR PLANT TAXONOMY (COPT)
- DIRECTORATE OF DISTANCE EDUCATION
- DIRECTORATE OF INFORMATION AND SUPPORT SYSTEM
- EDUCATIONAL MULTIMEDIA RESEARCH CENTRE (EMMRC)
- IQBAL INSTITUTE OF CULTURE AND PHILOSOPHY
- INSTITUTE OF KASHMIR STUDIES
- J&K STATE RESOURCE CENTRE (SRC)
- POPULATION RESEARCH CENTRE
- SHAIKH-UL-ALAM^(R.A) CHAIR
- UNIVERSITY SERVICE & INSTRUMENTATION CENTRE (USIC)
- ENTREPRENEURSHIP DEVELOPMENT CELL (EDC)
- WOMENS STUDIES CENTRE



ACADEMIC STAFF COLLEGE

Year of Establishment: 1987

Director: Professor Mehraj Ud Din

Thrust Areas:

- General Orientation Programmes
- Refresher Courses
- Short-term Courses
- Seminars
- Workshops

The Programmes/Courses organized by the Centre till date:

1.	Number of General Orientation Programmes	49
	Number of Participants having attended	3713
2.	Number of Refresher Courses	103
	Number of Participants having attended	2408
(A)	Principal Workshops	07
	Number of Participants	250
(B)	Ministerial Staff Courses	01
	Number of Participants	21
(C)	<i>Workshops on Juvenile Justice: Emerging Trends.</i>	01
	Number of Participants	50
(D)	<i>One-day Seminar on Violence against Women.</i>	01
	Number of participants	25



BIO-INFORMATICS CENTRE

Year of Establishment: 2000

Coordinator: Professor K I Andrabi

Programme Offered:
P G Diploma in Bioinformatics

Duration:	1 year / 2 Semesters
Intake Capacity:	10+2 Seats for sponsored candidates of Government or Industries
Eligibility Criteria: Masters Degree in Botany, Zoology, Microbiology, Biochemistry, Bio-Technology, Environmental Science and Bachelors Degree in Pharmaceutical Sciences with a minimum of 55% marks in the qualifying examination in aggregate. The selection of the candidates will be purely on the basis of merit obtained in the entrance test.	

Course Titles: P G Diploma in Bioinformatics

Semester I

Theory:

1. Computer Operating System
2. Numerical & Statistical Analysis
3. Programming with C & Visual Basic
4. Introduction to Bio-informatics

Practicals:

1. Computer data Processing and Programming
2. Numerical Methods in Biology

Semester II

Theory:

1. Software in Bioinformatics
2. Databases in Bioinformatics

3. Web Technologies Practicals

Practicals:

1. Software tools in Bioinformatics-I
2. Databases in Bioinformatics-II
3. Projects

Thrust Areas:

- To popularize the importance of information technology for pursuing advanced research in modern biology and biotechnology. The Bioinformatics network has emerged as a sophisticated scientific infrastructure for bioinformatics involving state-of-the-art computational and communication facilities. The computer communication network, linking all the bioinformatics centers, is playing a vital role in the success of the bioinformatics programme.

Objectives:

- To provide a national bioinformatics network designed to bridge the inner disciplinary gaps on biotechnology and establish link among scientists in organisations involved in R & D and manufacturing activities in the country.
- To build up information resource, prepare databases on biotechnology and to develop relevant information handling tools and techniques.
- To continuously assess information requirements, organize creation of necessary infrastructure and provide information and computer support services to the national community of users working in biotechnology and allied areas.
- To coordinate efforts to access biotechnology information world wide including establishing linkages with some

of the international resources of biotechnology information (e.g. Databanks on genetic materials, published literature, patents, and other information of scientific and commercial value). Perform research in advanced methods of computer-based information processing for analyzing the structure and function of biological important molecules.





CENTRE FOR ADULT CONTINUING & EXTENSION EDUCATION

Year of Establishment: 1978

Faculty Details:

1. Dr G H Mir	Project Officer
2. Mr Niyaz Ahmad Mir	Technical Officer
3. Mr Altaf Hussain Zagar	Project Officer
4. Ms Sofia Hassan	Project Officer
5. Shinera Sajad	Project Officer
6. Wasim Hassan	Project Officer
7. Zahoor Akram	Project Officer

Director: Professor (Dr) Neelofer Khan

The Centre for Adult Continuing & Extension Education concentrates on the three major dimensions of Adult Education, Continuing Education and Extension activities

like teaching, community development, research, extension and field outreach. It takes up the responsibility of disseminating knowledge to the community through extension and field outreach activities. As a continuing education facilitator, it arranges and imparts professional/ vocational/ job orientation trainings and entrepreneurship programmes to the society at large and the youth in particular in order to make them competent and skillful in different sectors.

Academic Programmes:

- Literacy Programmes for illiterates
- Post-literacy and Continuing Programmes for neo-literates, dropouts and semi-literates

- Professional/ Vocational, Skill-based and Job-oriented courses from 15 days to 6 months in Basic and Advanced Computers, Electronics, Plumbing / Fitting, Maintenance of Machines, Dress/Fashion Technology, Diet Management, Digital Photography, Primary Teachers Training, Embroidery, Willow Work, Paper Bag Making. Accounting, Travel and Tourism, Mobile Repairing for the educated youth to generate their income, employability, entrepreneurship and skill development.
- Training Programmes, Workshops, Orientation Courses to update the knowledge and skill of in-service people, volunteers, University employees, school teachers, field functionaries of different departments.
- Capacity building programmes for FMPHW's, ANM's, LHV's and Field Workers of Social Welfare Department.
- Awareness Programmes on issues like Health/ Hygiene, Mother/Child Care, Preventive/Curative Measures, Nutrition, Population Education, Literacy. Education for All, Drug Addiction, Environmental Pollution, Legal Literacy, HIV/AIDS, Women Empowerment, Stress Management, Juvenile Offence.
- Awareness programmes regarding various need-based Global issues.
- Counselling/ Career based programmes with regard to various competitive examinations.
- Arrangement of medical camps and distribution of free medicines for unreached people in the society.



CENTRE OF CENTRAL ASIAN STUDIES

Year of Establishment: 1979

Area Study Status: 1983

Faculty Details:

1. Dr G M Mir	Professor (Geography)
2. Dr Mushtaq A Kaw	Professor (History)
3. Dr G R Jan	Professor (Persian)
4. Dr Raja Bano	Assistant Professor (Persian)
5. Dr Aijaz A Bandy	Assistant Professor (Archaeology)
6. Dr G N Khaki	Assistant Professor (Islamic Studies)
7. Dr M R Makhdumi	Assistant Professor (Persian)
8. Dr Tareak A Rather	Assistant Professor (Sociology)
9. Dr M Afzal Mir	Assistant Professor (Economics)
10. Dr Darakhshan Abdullah	Assistant Professor (History)
11. Dr Abdul Rauf Shah	Assistant Professor (Geography)
12. Dr Tabasum Firdous	Assistant Professor (Political Science)
13. Dr Abdul Aziz Yattoo	Assistant Professor (Kashmiri)
14. Mr Fayaz Ahmad Lone	Documentation Officer (Information & Library Science)
15. Dr Wahid Nasaru	Assistant Professor (Sanskrit)
16. Mr Gurmeet Dorje	Assistant Professor (Buddhist Studies)
17. Dr S Talal	Research Associate (Islamic Studies)
18. Dr Mushtaq A Halwai	Research Associate (Sociology)
19. Dr Suraya Gul	Research Associate (Islamic Studies)

Director: Professor (Dr) G M Mir

Preamble:

To explore the possibilities for reviving and improving age-old relations between India and Central Asia and strengthen regional cooperation for mutual benefits.

Vision:

To provide a platform for creating and enhancing intellectual space for inter-disciplinary research and inter-faith dialogue in order to promote better understanding between India and Central Asian.

Mission:

- To reap Central Asian past for its future development.
- To provide a platform which can attract Centres of Excellence and Academics of Repute to contribute towards the pursuit of socially relevant research.
- To address contemporary problems and emerging regional issues.

Thrust Areas:

- Silk Route Revival.
- Resource Management.
- History and Culture.
- Regional Cooperation.
- International Relations.
- Socio-economic Transformation.
- Environmental Degradation.
- Trade.
- Religious Revivalism.
- Insurgency.

Types of Research Projects Undertaken:

- Multi-disciplinary Research Projects (Long-term)
- Integrated Collaborative Projects (Medium-term)
- Unit Projects (Short-term)
- Individual Projects (Short-term)

Research Programmes Offered: M Phil and Ph D

Other Academic Programmes:

- Four-month Research Methodology Course (March-June)
- International Conferences & National Seminars
- Interactive programmes with Subject & Area Experts
- Weekly Colloquium / Panel Discussions
- Faculty Development Programmes
- Capacity Building Programmes
- Sensitisation Programmes for Civil Society

Research Support System:

- Rich Departmental Library
- Computer Lab
- Internet Facility
- Audio-Visual Lab
- Archaeological Unit
- Cartographic Lab.
- Well Equipped Conference Hall

Special Features:

- Inter-disciplinary Research Centre with 13 disciplines
- Important Area Study Centre in India with Grade (Level-I)
- Well established Central Asian Museum
- Internationally Acclaimed Advisory Committee
- Annual Refereed Journal with Reputed Academics on its Editorial Board
- MOUs with Prestigious International Institutions



CENTRE OF RESEARCH FOR DEVELOPMENT (CORD)

Year of Establishment: 1979

Faculty Details:

- | | |
|----------------------|-----------------------|
| 1. Dr A R Yousuf | Professor (Zoology) |
| 2. Dr T K Razdan | Professor (Chemistry) |
| 3. Dr Azra N Kamili | Professor (Botany) |
| 4. Dr Ashok K Pandit | Professor (Zoology) |
| 5. Dr G A Bhat | Professor (Zoology) |

Director: Professor Azra N Kamili

**Research Programmes Offered:
M Phil and Ph D**

Thrust Areas:

- Terrestrial Ecology
- Wildlife Ecology
- Environmental Biology
- Limnology
- Tissue Culture
- Environmental Toxicology
- Microbial Ecology

Objectives and Activities:

The Centre of Research for Development (CORD) was established to encourage cooperation, coordination and team work across departments and faculties of the University and laboratories of Central and State Government agencies for solving problems related to overall development of the region. The Centre has been quite active in establishing a multi-disciplinary and inter-institutional research base and has made considerable progress in research areas like Horticulture, Plant Pathology, Lake Conservation, Forest Ecology, Fisheries



Development, Medicinal Plants and Wild-life Conservation. Successful Plantlet regeneration from different organs has been achieved through Tissue Culture Technique for a number of plants of economic, medicinal and ecological importance. Management plans have also been suggested by the Centre for several degraded lakes, wetlands and other water bodies of the valley. The scientists in the Center have prepared the Environmental Management Plan for a number of developmental projects of the State like Uri-II and Nimoo-Bazgo Hydroelectric Projects, Mughal Road Project and Industrial Growth Centre, Lassipora (Pulwama).

The Centre has successfully conducted research as well as consultancy projects sponsored by various national and state level funding agencies. The Centre has more than 200 research publications and nine books to its credit. 80 students have completed their M Phil programme and

33 their Ph D programme and presently 10 students are pursuing their Ph D and 05 students their M Phil projects in the fields of Terrestrial and Aquatic Ecology, Fisheries, Environmental Microbiology, Toxicology and Plant Tissue Culture. Work on several major research projects—like Propagation of Walnut (ICAR, New Delhi), Saffron (DBT, New Delhi), Micropropagation of Artemisia Amygdaling: Its Phytochemistry and Evaluation of Medicinal Properties (UGC, New Delhi) and Ecology and Phytosociology of Ladakh (NRSC, Hyderabad) are underway. The Centre also provides facilities to M Sc, M Phil and Ph D students of other Universities/ Institutes for undertaking Field Projects. The Centre publishes a Research journal, *Journal of Research & Development* annually. Besides a project on Mushroom Cultivation and its Marketing (Women entrepreneurship Development Programme of DBT, New Delhi) is under progress.

CENTRE FOR PLANT TAXONOMY (COPT)

Year of Establishment: 1981

Honorary Director: Professor G H Dar

Teacher Incharge Mr Anzar A Khuroo
Curator Mr Akhtar H Malik

**Research Programmes Offered:
M Phil and Ph D**

Thrust Areas:

- Plant Taxonomy
- Biodiversity
- Conservation Biology
- Phytogeography

Objectives:

An important adjunct of the Department of Botany, COPT carries out research studies on the floral wealth of the Himalayan region. It provides essential service of plant identification and other crucial information to other departments and organizations within and outside the country. Presently, in view of the global biodiversity crisis, the scope of the Centre has greatly widened. The Centre has a huge potential for future expansion and can play a pivotal role in the documentation, conservation and sustainable use of the plant diversity in the Himalayan biodiversity hotspot, thereby significantly contributing to the socio-economic development of Jammu and Kashmir.

Other Information:

Herbarium (KASH): The Herbarium of the University of Kashmir, recognized by the New York based International Bureau for Plant Taxonomy and Nomenclature as KASH, is

housed in the Centre for Plant Taxonomy. KASH is one of the largest herbaria in the country, containing 40,000 plant specimens collected from various regions of the State, including far-off areas such as Gurez, Karnah, Padder, Zanaskar, Nubra. It harbours a rich repository of precious information about the plant wealth of this Himalayan region by preserving the plant specimens belonging to about 3000 species, including specimens of about 300 endemics and 355 threatened plant species. In addition to this, more than 30 type specimens of the plant species reported as new to Science from this State are deposited in the KASH. The herbarium is visited frequently by local as well as foreign scientists for purposes of floristic studies and represents the priceless natural heritage of the Kashmir Himalayan flora.

Kashmir University Botanical Garden (KUBG): Established in 1961, the KUBG has recently got global recognition by the Botanic Gardens Conservation International (BGCI), UK. The Garden is now a registered participant in the worldwide implementation of the International Agenda in support of plant conservation, environmental awareness and sustainable development. It is spread over an area of 10 acres in the University Campus and supplemented with a High Altitude Satellite Garden at Gulmarg. The Garden is mostly used for growing the wild flora of the Kashmir Himalaya. Plants are grown in different sections such as Coniferatum, Shrubbery, Rosarium, Medicinal and Aromatic Plant (MAP) section, Deciduous tree section, Rosaceous fruit section, Lily pond and Canal, Glass and Hot houses.

Presently, about 500 indigenous plant species and about 170 exotics are growing in the KUBG. Besides a number of endemics, medicinal and other economically important plants are being maintained as ex-situ germplasm. It is



also a member garden of the Indian Botanic Gardens Network (IBGN). Efforts are on to develop KUBG as the main institution for public awareness and education about environmental management and sustainable use of biodiversity in this region.



DIRECTORATE OF DISTANCE EDUCATION

Year of establishment: 1976

Faculty Details:

1. Professor Shafiq Parveen Director
2. Professor Neelofar Khan Professor (Education)
3. Mr Zafar Parveez Senior Assistant Professor/ Deputy Registrar, Sub-Office, Jammu
4. Dr Nahid Ruhee Senior Assistant Professor
5. Dr Tariq A Chisti Senior Assistant Professor
6. Dr Mushtaq Ahmad Senior Assistant Professor
7. Mr Showkat Rashid Wani Assistant Professor
8. Mr Altaf Ahmad Assistant Professor
9. Mr Habibullah Shah Assistant Professor

Director: Professor Shafiq Parveen

Consultants:

Professor Rehman Rahi
Professor B L Zutshi

Programme Offered: M A/M Sc (Mathematics)

Duration	2 years
Intake Capacity	200 Seats
Course Fee	Rs 10,225
Eligibility Criteria: Three-year B Sc with Mathematics as one of the subjects.	

Programme Offered: M A (Urdu)

Duration	2 years
Intake Capacity	200 Seats
Course Fee	Rs 10,225
Eligibility Criteria: Three-year B Sc with Mathematics as one of the subjects.	

Programme Offered: M Com

Duration	2 years
Intake Capacity	200 Seats
Course Fee	Rs 5,225
Eligibility Criteria: Three-year B Com with at least 40% marks with Commerce as one of the subjects.	

Programme Offered: M A (Economics)

Duration	2 years
Intake Capacity	200 Seats
Course Fee	Rs 5,000
Eligibility Criteria: 3-year B A/B Sc Agriculture/ B Sc Mathematics and Statistics with at least 40% marks.	

Programme Offered: M A (English)

Duration	2 years
Intake Capacity	200 Seats
Course Fee	Rs 10,225
Eligibility Criteria: Three-year B A with at least 40% marks with English Literature as one of the subjects.	

Programme Offered: M Ed

Duration	01 year
Intake Capacity	1200 Seats Kashmir: 1000 Jammu, Ladakh outside State: 200
Course Fee	Rs 12,225/14,225 (for OSS students)
Eligibility Criteria: B Ed with at least 45% marks and 3 years teaching experience in a Government or Government recognized institution OR B Ed with at least 55% marks.	

Programme Offered: B Ed

Duration	1 year
Intake Capacity	Kashmir: 3000 Jammu and other States: 500 Leh District: 100 Kargil District: 100 Government Deputees: 250
Course Fee	Rs 12,225/14,225 (for OSS students)
Eligibility Criteria: Graduation (10+2+3 with at least 40% marks Teachers formally deputed by the State Department of Education with at least 40% marks in their graduation (10+2+3) or (10+2+2) and minimum of 3 years experience.	

Programme Offered: U L B (Academic)

Duration	2 years
Intake Capacity	200 seats
Course Fee	Rs 6225

Eligibility Criteria: Graduation in any discipline or an equivalent degree recognized by the University of Kashmir. In service candidates are also eligible.

Programme Offered: P G Diploma in Home Science

Duration	01 year
Intake Capacity	200 seats
Course Fee	Rs 6225

Eligibility Criteria: Graduation (10+2+3) with at least 40% marks.

Programme Offered: P G Diploma in Computer Applications

Duration	01 year
Intake Capacity	100 seats
Course Fee	Rs 8225

Eligibility Criteria: Graduation in any discipline or an equivalent degree recognized by the University of Kashmir with at least 45% marks.

Programme Offered: P G Diploma in Diploma in Tourism Management

Duration	01 year
Intake Capacity	100 seats
Course Fee	Rs 6225

Eligibility Criteria: Graduation in any discipline or an equivalent degree recognized by the University of Kashmir.

Programme Offered: P G Diploma in Business Administration

Duration	01 year
Intake Capacity	100 seats
Course Fee	Rs 6225

Eligibility Criteria: Graduation in any discipline or an equivalent degree recognized by the University of Kashmir.

Programme Offered: P G Diploma in Business Entrepreneurship

Duration	01 year
Intake Capacity	75 seats
Course Fee	Rs 6225

Eligibility Criteria: Bachelors Degree in Management/ Commerce/ Computer/Arts/Science/ Agriculture/ Engineering / Technology / Law. OR Any other equivalent degree recognized by the University of Kashmir.

- The Directorate has a well-equipped library with updated reference material, books and journals on the subjects offered by it.
- The Directorate has been fully computerized with latest Information and Communication Technology (ICT). The students are assisted by Professional Assistants available in the Computer Lab of the Directorate.
- The Directorate is developing its own A/V lab with various types of electronics and IT equipments to supplement its print materials. It has been recently equipped with ICT backed interactive boards. Efforts are on to equip the lab with the latest audio-visual facilities.

- The Directorate of Distance Education has started various sports activities to foster the spirit of adventure, discipline and team spirit in its students. Recently, the Directorate in collaboration with the Directorate of Physical Education, University of Kashmir organized a fifteen-day Snow-skiing camp at Gulmarg in which various students of the Directorate participated and won prizes.
- The Directorate organizes various national workshops for capacity building of the faculty in Open & Distance learning mode. The Directorate also encourages distance learners to participate in Seminars, Debates, Workshops and Social Service activities organized under the auspices of Dean Students Welfare, University of Kashmir. In order to provide individualized support services to its learners, the Directorate has envisaged a strong network of study-cum-information centres located at district headquarters. At the study centres, the learners interact with academic counsellors and other learners, watch/ listen to audio/ video cassettes. They also interact with the concerned liaison officers for necessary relevant information pertaining to their programme. The study centres have been established with necessary infrastructural facilities in the form of textbooks, audio-video cassettes and other related electronic equipment.
- **The Study-cum-information centres are:**
 1. Study-cum-information Centre Directorate of Distance Education, Government College of Education, M A Road, Srinagar.
 2. Study-cum-information Centre Directorate of Distance Education, Government Degree College for Boys, Baramulla, Kashmir.



3. Study-cum-information Centre Directorate of Distance Education, Government Degree College for Boys, Anantnag, Kashmir.
 4. Study-cum-information Centre Directorate of Distance Education, Government Degree College, Kupwara, Kashmir.
 5. Study-cum-information Centre Directorate of Distance Education, Government Degree College, Kargil.
 6. Study-cum-information Centre Directorate of Distance Education, 172/A/D, Gandhi Nagar, Jammu. (Tel.0191-2454548)
 7. Study-cum-information Centre Directorate of Distance Education, Government Degree College Pulwama, Kashmir.
 8. Study-cum-information Centre Directorate of Distance Education, Higher Secondary Institute, Bandipora.
 9. Study-cum-information Centre Directorate of Distance Education, Government Degree College, Shopian, Kashmir.
 10. Study-cum-information Centre Directorate of Distance Education, Karnah.
- The Directorate publishes two annual journals namely *Communication* and *Tarseel*. The Centre also publishes a Newsletter.
 - The Directorate has established a fast track mechanism for redressal of the grievances of students. The students can register their genuine grievances in the office of the cell personally or by post on the below mentioned address
Incharge Officer:
Grievance Redressal Cell: 9797778608
e-mail:Dr-nahidruhee@yahoo.co.in
 - The Directorate has established an enquiry cell at the Head Office on the campus. The students can seek any information regarding the programmes/ activities of the Centre by contacting the officials of the cell on 01942102161 or can personally visit it on any week day.

DIRECTORATE OF INFORMATION AND SUPPORT SYSTEM

Faculty Details:

1. Dr Mehraj-ud-din Dar Professor
2. Er Maroof Nayeem Qadri Information Technologist
3. Mr Mubashir Hassan Khan Programmer
4. Mr Azhar Yousuf Programmer
5. Mr Adil Hussain Programmer
6. Mr Imran Rashid Bandy Programmer
7. Mr Musavir Munavar Khan Programmer
7. Mr Arshad Hussain Programmer

Director: Professor Mehraj-ud-din Dar

The Directorate has the distinction of getting financial support for implementing e-Governance in the University Examination System by Department of Information Technology, Government of India, Lodhi Road, New Delhi. The amount sanctioned for the project is Rs 4.43 crores.

Besides 48 position consisting of 3 system Mangers, 6 system Engineers, 39 Data Entry/ Computer operators have also been sanctioned. In this connection, one Information Centre with connectivity and manpower is being established in each college and department of the University/ Centre. The software solutions are being developed in-house and online services will be available for students in Colleges/ Departments, Paper setters, Evaluators and others involved in the system. The following three solutions have been developed in the past 6 months:

- Student Registration System for automating the entire Registration System of the University.
- Work Flow Management for automating the process of Receipt & Dispatch of Files in the University.
- E-Office which is an e-governance solution for most of the daily activities like distribution of Circulars, Notices, Results, Meetings etc.

Objective:

- Achieve excellence in three areas of Information Technology which includes Multimedia Systems, Software Development and DBMS
- Bridge the gap between Academics & Industry through the establishment of Advanced Centre of Information Technology which shall also include development of the necessary support structure necessary for the development of the IT Industry.

- Provide IT support to the local conventional Industry by establishing Computer Aided Designing Centre
- Implement & Manage e-Governance in the University System and Provide necessary support to other Organizations in the e-governance plans.
- To implement e-Governance in the University Examination System.





EDUCATIONAL MULTIMEDIA RESEARCH CENTRE (EMMRC)

Year of Establishment: 1986

Faculty Details:

1. Dr Shahid Rasool	Director
2. Dr (Mrs) Salima Jan	Research Scientist
3. Mr Farooq Ahmad Lone	Producer
4. Mr Shafqut Habib	Producer
5. Mr Ajaz-ul-Haq	Producer

Director: Dr Shahid Rasool

Objective:

- Production of educational television programmes
- Production of educational multimedia
- Development of e-content & learning objects

The Centre has produced over 460 ETV programmes, including 7 award winning films, 32 multimedia/e-content modules and 112 Learning objects. The ETV Programmes produced by the Centre are telecast on DD National, DD Bharti, Gyan Darshan and Vyas- the educational channel of UGC. The Centre is also engaged in research and assesses the utility of countrywide classroom programmes besides analyzing the potential and utility of television and other communication technologies for teaching and learning.

EMMRC has a Satellite Interactive Terminal (SIT) for Virtual Classroom Operations through EDUSAT. The virtual classroom provides an opportunity to students to benefit from the expertise outside the state and helps our teachers and scholars interact with students at national level. Till date around 1200 lecture sessions 5 workshops and 3 national seminars have been conducted through SIT. A special lecture series on General Education, Economics, Management, Commerce, Physics, Information

Communication Systems, Mass Communication, Environment, Library Sciences, Career Development and Life Skills, etc have been conducted. The Centre started need-based lectures on demand for various teaching departments of the University from May 2007. The Centre organizes these lectures in collaboration with CEC. The Centre has organized 150 Lectures on demand.

The Centre is equipped with three Betacam cameras, three Non Linear editing systems, XDCAM camera/ Disk player and one Betacam A/B roll edit suite with character generator/VTW, audio mixer, Multimedia platform, SIT indoor and outdoor equipment, lights, microphones and other required paraphernalia. The Centre also started various part-time online courses. So far 5 online courses have been conducted. These include

- i) e-Scripting- an online course on script writing for television/films
- ii) Marketing Communication and Salesmanship
- iii) Digital Library and Information Science
- iv) Editing for Films and Television
- v) Remote Sensing.

In 2008, the Centre launched a 2-year collaboration project with BBC World Service Trust for *Building Capacity in Promoting Social Affairs Reporting in Media in Kashmir*. The Centre provides training to Faculty and students of MERC, EMMRC and local working media professionals in Radio/ Television and print media. The Centre has started e-Content development in Botany based on three year syllabi of B Sc in association with the Botany faculty of the University.

The Centre provides an excellent opportunity to teachers to generate educational content in the form of ETV

programmes, documentaries, multimedia and learning objects and helps students to benefit from the vast educational resource available within and outside the state.



IQBAL INSTITUTE OF CULTURE AND PHILOSOPHY

Year of Establishment: 1977

Faculty Details:

- | | |
|---------------------------|---------------------|
| 1. Dr Bashir Ahmad Nahvi | Professor |
| 2. Dr Taskeena Fazil | Professor |
| 3. Dr Gh Nabi Bhat | Associate Professor |
| 4. Dr Mushtaq Ahmad Ganai | Research Associate |

Director: Professor Bashir Ahmad Nahvi

**Research Programme Offered:
M Phil and Ph D**

Thrust Areas

- Iqbal Studies
- Iqbal and Theology
- Iqbal and Arab World
- Iqbal and Persian World
- Iqbal and the West
- Iqbal and the East
- Iqbal and Mysticism
- Iqbal and Cooperative Study of Religions
- Iqbal and Muslim Philosophy
- Iqbal and Indian Philosophy
- Iqbal and Urdu World
- Iqbal and Political Concepts
- Iqbal and Culture
- Iqbal and Asia.

Iqbal Institute of Culture and Philosophy is not confined to the study of Iqbal alone. Instead, the Institute has over the years, developed into an Inter-disciplinary Centre of intellectual activity, scholarship and research. As such, the Institute admits students for research from various disciplines like Urdu, Arabic, Persian, English, Political Science, Philosophy,

Education and Islamic Studies. The Institute has chalked out a number of plans and programmes to establish links with reputed research centres and literary organizations of the country. To popularize Iqbal Studies and propagate Allama Iqbal's thought and art, the Institute has already started holding National Seminars, Poetic Symposia and Debates. Extension lectures on Iqbal Studies are delivered by scholars of repute.





INSTITUTE OF KASHMIR STUDIES

Year of Establishment: 2006

Faculty Details:

1. Professor (Dr) Riyaz Punjabi Director
2. Professor Mushtafa Khawaja Professor (Research)

Director: Professor (Dr) Riyaz Punjabi

**Research Programme Offered:
M Phil and Ph D**

Vision:

To create and enhance intellectual space for interdisciplinary research and inter-faith dialogue in order to promote better understanding of the pluralistic culture of Kashmir via-a-vis issues of contemporary relevance.

Mission:

To provide a viable platform to scholars interested in Kashmir Studies to debate and discuss various issues on the subject and to create space for a critical re-evaluation and re-assessment of the literature on various subjects related to Kashmir produced till date and to create an environment for the interaction between local intelligentsia and scholars and intellectuals at the national and international levels.

Objectives:

- Re-examining and re-evaluating the sources of pluralistic Kashmiri tradition: Folklore, historical texts, archaeological findings.
- Delineating and examining the various factors of development, natural resources and economic prospects: agriculture, industry, handicrafts and service sector. The Institute out-sources minor and major research projects related to the field of study to scholars both within and outside the University. Scholars from various disciplines with known research capacities can of their own submit research projects / proposals for the consideration of financial grant of the Institute. These research projects are evaluated by an Academic Committee.
- Examining and analyzing the contribution of various mystical, spiritual and religious traditions in the formation of Kashmiri identity.



J&K STATE RESOURCE CENTRE (SRC)

Year of Establishment: 1987

Faculty Details:

1. Mr Shoukat Ahmad Farooqi Project Officer
2. Mrs Fozia Inam Ashai Project Officer

Director: Professor G M Malik

Objectives:

- To build a literate/educated/disease-free society in J & K State
- To provide academic and technical resources support base for all literacy and Adult Education Programmes in the state run by Central or State Government or any Non Governmental Organization. Funded by the Ministry of Human Resource Development, New Delhi, SRC takes care of all other three regions of Jammu, Kashmir and Ladakh.

The Centre has five separate Units:

i. Material Production:

Designing and developing need-based teaching learning material for:

- Basic Literacy, Post Literacy, Continuing Education Programmes, Panchayati Raj Functionaries and Skill Development
- Production and Publication of material like Charts, Posters, Stickers, Banners and Folders for Environmental Building. There are twelve approved spoken languages in the State. Therefore, this Centre in addition to Urdu and Hindi has to take up preparation of basic as well as post literacy and continuing education material in twelve other spoken languages also.

ii. Training:

- Designing and Organizing training programmes for: Adult education / TLC functionaries, Non Governmental organizations, Self Help
- Groups, Panchayat Raj functionaries Integrated Child Development Scheme (ICDS) workers. Staff development of various organizations, Sensitization/ Orientation of various organizations regarding implementation, strategies of different literacy programmes.

iii. Monitoring and Evaluation:

- Conducting continuous monitoring of literacy programmes like TLC, PLP and CE in the State. Monitoring of Surva Shiksha Abhiyan in Kashmir Division including Leh and Kargil. Concurrent and Sample based evaluation of literacy programmes in J & K.

iv. Media and Research:

- Planning and Conducting research in the field of: Gender inequality, Non Formal Education, Social Problems, Health Hygiene, Developmental Issues, Panchayat Raj.
- Publication of Newsletter, Brochures etc, Media backup to literacy movement through awareness drive in Print and Electronic Media, Conducting Public awareness, Literacy Rallies.
- Development and preparation of Audio-Visual Songs, Skits, Slogans and films etc.

v. Population & Development Education:

- Sensitize the masses including policy makers regarding population growth, health and hygiene, mother child care, HIV AIDS and general development.



Some innovative programmes of SRC:

- Literacy and skill development courses for jail inmates where literacy is coupled with various employment generating schemes.
- Craft based literacy centres for illiterate adult women with craft courses to enable the learners to be self-reliant.
- Model literacy and skill development courses (Earn while Learn).
- Linkages/Networking:

The Centre has links with the following agencies in the state.

- Education Secretariat J&K, Directorate of Education, District Development Commissioners (ZSS)
- Department of Social Welfare, Rural Development Department, Directorate of Health, Non Governmental Organization, Women Development Commission, Jan-Shikshan-Sansthan, Jammu and Kupwara, Srinagar Municipal Corporation, Directorate of Health and Family Welfare. State Institute of Education, Various Jails of the State, All India Radio and Doordarshan.



POPULATION RESEARCH CENTRE (PRC)

Year of Establishment: 1985

Faculty Details

- | | |
|-------------------------|-------------------------|
| 1. Professor A S Bhat | Honorary Director |
| 2. Mr Bashir Ahmad Bhat | Senior Research Officer |
| 3. Mr Syed Khursheed | Research Officer |

Honorary Director: Professor A S Bhat

Population Research Centre (PRC) Department of Economics is sponsored by the Ministry of Health and Family Welfare, Government of India. The Centre is provided 100 percent financial assistance in the form of grant-in-aid by the Ministry.

Thrust Areas:

- Population Sciences
- Reproductive and Child Health Evaluation; Family Welfare and other Welfare Programmes, Conduct of Socio-economic, Demographic and Health Surveys.
- To undertake continuous research on demographic situations and population and health related programmes of the State.
- To conduct applied and theoretical research based on the requirements under the National Population Programmes.
- To utilize research findings for policy formulation and implementation in population and development programmes.
- To act as a data bank on health and population and other socio-economic characteristics for the faculty, research scholars, students of the University and community at large.
- To provide consultancy services to various national and international agencies like UNICEF, USAID, NCEAR,

IIPS, NACO and Planning Commission for the conduct of socio-economic, demographic and health surveys in Jammu and Kashmir.

The Centre completed the following studies during 2008-2009:

1. Micro Analysis of Centrally Sponsored Schemes in Jammu and Kashmir.
2. Rapid Appraisal of National Rural Health Mission (NRHM) in Rajouri District of Jammu and Kashmir.
3. Rapid Appraisal of National Rural Health Mission (NRHM) in Baramulla District of Jammu and Kashmir.

Studies in Progress

1. Pole of Men in Reproductive Health in Jammu and Kashmir
2. A Study of the Assessment of Health Status of the Elderly in Jammu and Kashmir.
3. Socio-economic, Demographic and Health Status of the population living in and around Dal Lake in Jammu and Kashmir.
4. Prevalence of Anaemia among Pregnant Women from ANC Registers: A Case Study of Anantnag District in Jammu and Kashmir.



Aiwan-i-Shaikh-ul-Aalam

SHAIKH-UL-ALAM^(R.A) CHAIR (*Markaz-i-Noor*)

Year of Establishment: 1998

Chairman: Professor S Fayaz Ahmad

**Research Programme Offered:
M Phil and Ph D**

Objectives:

- To explore the socio-religious and cultural dimensions of the rich heritage of Kashmir with special reference to Rishis tradition.
- To promote the understanding of Shaikh Noor-ud-Din Wali, the social significance of his spiritual placement, his poetry, message and the Reshi tradition that followed him in larger sociological terms.
- To promote comparative studies in culture, literature, society, sociology of religion and socio-historical significance of spiritual traditions to enable a larger audience across the globe to have access to the rich inter-religious and cultural heritage of Kashmir.

The Chair has conducted preliminary field survey during 2006-2007 in order to procure oral information regarding the heritage of the Rishis from various strata of Kashmiri rural and urban society. The work on an annotated bibliography covering all unpublished and printed works related to the Rishi Movement in Kashmir is in progress.





UNIVERSITY SERVICE AND INSTRUMENTATION CENTRE (USIC)

Year of Establishment: 1979

Faculty Details:

1. Dr G Mohiuddin Bhat Professor
2. Dr SMA Andrabi Associate Professor
3. Er Bilal Ahmad Malik Scientific Officer
4. Er Riyaz Ahmad Qureshi Assistant Engineer

Director: Professor G Mohiuddin Bhat

Programme Offered: Postgraduate Diploma in Instrument Technology (PDIT)

Intake Capacity:	20 Seats
Fee in two instalments:	Rs 22000/-
Eligibility Criteria: Three-year B Sc with Mathematics as one of the subjects with at least 50% marks OR a Bachelors Degree in Engineering in the Discipline of Electronics, Computers with at least 50% marks Or M Sc Electronics with at least 50% marks.	

Course Titles: (PDIT)

Semester I

- PDI-101 Basic Electrical & Electronic Engineering
 PDI-102 Analog & Digital Instrumentation
 PDI-103 Microprocessor & Applications
 PDI-104 Bio-Medical Instrumentation
 PDI-105 Electrical & Electronics Instrumentation Lab. (Lab I)
 PDI-106 Computer Fundamentals, Microprocessor and Bio-Medical Lab. (Lab II)
 PDI-107 Mini Project.

Semester II

- PDI-201 Process Control Instrumentation
 PDI-202 Analytical Instrumentation
 PDI-203 Instrument Fabrication & Maintenance
 PDI-204 Industrial Organization & Entrepreneurship Development
 PDI-205 Instrumental Chemical Analysis & Instrument Maintenance Lab. (Lab II)
 PDI-206 Maintenance Lab. (Lab II)
 PDI-207 Project Work and Industrial Tour

Objectives:

- To provide research/ project facilities and design, develop, fabricate and repair instruments for facilitating research and teaching programmes in the University of Kashmir as well as in affiliated Colleges and other R & D institutions in the valley.
- To provides training programmes for teachers, engineers, technicians, research scholars and unemployed youth of the valley in various disciplines including assembling, maintenance and operation of various instruments, household/office gadgets like Computers, Xerox Machines, Televisions, Washing Machines, U.P.S., Inverters and Transformers etc.

The Centre has a well equipped air conditioned Analytical Instrumentation Laboratory housing various scientific instruments established with an approximate expenditure to the tune of Rs. 2.0 Crore, facilitating research in Bio-Sciences. The Centre has a well- equipped Workshop where prototype models for research projects, scientific innovations & inventions and specific instruments are fabricated. The availability of heavy duty electro-mechanical instruments and a battery of skilled engineers

and technicians provide the students, innovators & research scientists an ideal environment for technical & studies and workshop facility. USIC has several sections to undertake various services/ instrumentation facilities. These sections include:

- a) Analytical Instrumentation Section
- b) Technology Incubation Section
- c) Electronic & Electrical Equipment Maintenance Section
- d) Mechanical Section
- e) PCB Design Lab
- f) Glass Blowing Section
- g) Xerox Machines Maintenance Section

Training Programmes Offered:

USIC offers Training Programmes / Certificate Course in the following areas in collaboration with other Departments / Centres of the University:

- a) Sophisticated Analytical Techniques and Analytical Measurements.
- b) SEM Operation & Sample Preparation
- c) Electronic Instrument Maintenance & Servicing
- d) Advanced Course in Computers & Networking
- e) Maintenance of Electrical / Electronic Appliances
- f) TV Technology & Battery Fabrication
- g) Glass Blowing Techniques

USIC houses the following activity Centers funded by Ministry of Science and Technology, Government of India:

ENTREPRENEURSHIP DEVELOPMENT CELL (EDC)

Year of Establishment: 2006

Faculty Details:

- | | |
|-------------------------------|---------------------|
| 1. Professor G Mohiuddin Bhat | Advisor |
| 2. Ms Falika Banday | Project Leader |
| 3. Mr Javaid Ahmad Kaw | Technical Officer |
| 4. Ms Roohun-Nissa | Executive Assistant |

Objectives:

- To promote entrepreneurial culture in Kashmir and encourage Technology Commercialization.
- To provide a platform for technological innovation and incubation, EDC has a long list of entrepreneurs and many un-employed youth have been incubated to establish income giving units. EDC has thus provided employment to the un-employed. Many indigenous technologies are under process of marketing and scores of inventors have financed.
- EDC has organized 15 Workshops, Awareness Camps and Skill Development

Programmes across the State of J&K:

- Workshops and Training Programmes on Entrepreneurship Awareness
- Mobile Phone Repairing
- Medical & Aromatic Plant Cultivation
- Patent Awareness
- Technological Innovations etc. organized in Srinagar, Anantnag, Kupwara and Leh, Ladakh. Further, Prototype Models of 07 Innovative Products have been developed with EDC support. Prominent inventions incubated through EDC are Electronic Code-Lock for Automobiles, Rechargeable Table Lamp, Water Mixer etc.

GROSS-ROOT INNOVATION AND AUGMENTATION NETWORK (GIAN) CELL-J&K

Year of Establishment : 2008

Faculty Details:

- | | |
|--------------------------------|---------------------|
| 1. Professor G Mohiuddin Bhat: | Chairman |
| 2. Mr Shiekh Fayaz Ahmad: | Senior Collaborator |
| 3. Mr Zahoor Ahmad Shah: | Collaborator |
| 4. Mr Sabzar Ahmad: | Colloaborator |
| 5. Mr Mushtaq Ahmad Dar: | Colloaborator |
| 6. Mr Mohd Aamir Bhat: | Collaborator |

Objectives:

- To extend assistance to innovative farmers, artisans, pastoralists, mechanics and others at the grassroot level for implementation of innovative ideas, innovative products.
- To augment grassroots innovations by providing direct support to them for experimentation, scaling up, prototype development, patenting and establishing relevant infrastructure for pilot plant.
- To organise seminars, conferences and workshops for technology exchange and disseminating knowledge generated at the GIAN-J&K cell for the innovations.
- To explore opportunity of linking innovators with other investors and entrepreneurs for augmentation of the innovations that involves high risks and substantial funding for projects and pursue any other activity in consonance with the goals of GIAN-J&K Cell and NIF.
- Several workshops and important events were organized by GIAN Cell-J&K with NIF support. Many Grass-root innovators were supported for prototype fabrication and patent support. Prominent technologies incubated at USIC through GIAN Cell are Walnut Cracking Manchine, Tree Climber, Electrical Painting Brush, Singing Lantern etc.

WOMENS STUDIES CENTRE

Year of Establishment: 2006

Coordinator I/C:

Professor (Mrs) Neelofar Khan

Objectives:

- To play a vital role in the academic upliftment of women with special emphasis on mainstreaming gender perspective vis-à-vis development process.
- To create gender-friendly-environment for the development of women.
- To make women aware of their potential by providing them access to educational and occupational facilities through field and extension work and training.

Thrust Areas:

- Teaching & Training
- Research and Extension
- Documentation and Publication
- Advocacy
- Seminars and Workshop
- Networking and Coordinating with other agencies.





SOUTH CAMPUS



SOUTH CAMPUS, ANANTNAG, KASHMIR



Year of Establishment: 2008

**The Satellite Campus offers
Masters Programmes in:**

- English
- Mathematics
- Business Administration
- Education
- M Ed

Director: Professor Khursheid A Butt



DEPARTMENT OF ENGLISH

Year of Establishment: 2008

Faculty Details:

1. Dr Tanveer Jahan Assistant Professor
2. Mr Javaid Iqbal Bhat Assistant Professor

Programme Offered: M A (English)

Duration:	2 years / 4 Semesters
Intake Capacity:	30+9 Self-financed Seats
Eligibility Criteria: BA/ B Sc with English Literature as one of the subjects.	

Course Titles: M A (English)

Semester - I

1. 18th & 19th Century Novel
2. Drama I
3. Non-fictional Prose
4. Linguistics & Stylistics

Semester II

1. Poetry I: From Chaucer to Pope
2. Drama II
3. 20th Century Novel
4. English Language Teaching

Semester III

1. Poetry II (Romantic & Victorian)
2. American Literature (19th & 20th Century Novel)
3. Literary Theory I
4. Indian Writing in English (Option I)
5. Translation and Translation Theories (Option II)

6. Comparative Literature (Option III)

Semester IV

1. Poetry III
2. Literary Theory II
3. American Literature II (Poetry and Drama)
4. New Literatures in English: Poetry & Novel (Option I)
5. Classics in Translation (Option I)
6. Literature and Gender (Option III)



DEPARTMENT OF MATHEMATICS

Year of Establishment: 2008

Faculty Details:

1. Mohd Ibrahim Mir Assistant Professor
2. Dr Mohd Iqbal Bhat Assistant Professor
3. Dr Firdous Ahmad Assistant Professor

Programme Offered: M A (Mathematics)

Duration:	2 years/ 4 Semesters
Intake Capacity:	25+7 Self-financed Seats
Eligibility Criteria: B A/ B Sc/ B Com Mathematics as one of subjects.	

Course Titles: M A (Mathematics)

Semester I

1. Advanced Abstract Algebra-I
2. Real Analysis
3. Topology
4. Complex Analysis-I
5. Methods of Applied Mathematics

Semester II

1. Advanced Abstract Algebra-II
2. Differential Geometry
3. Functional Analysis-I
4. Complex Analysis-II
5. Graph Theory

Semester III

1. Advanced Real Analysis
2. Theory of Ordinary Differential Equations

DEPARTMENT OF MANAGEMENT STUDIES

Semester IV

1. Lebesgue Integration Theory
2. Theory of Partial Differential Equations

Besides two core courses in the 3rd and 4th semesters as indicated above, three optional papers from the list given below will have to be chosen in the 3rd semester and the corresponding three optional papers in the 4th semester keeping in view the suitability of combinations

Semester III

1. Theory of Numbers-I
2. Advanced Functional Analysis-I
3. Probability and Statistics-I
4. Advanced Topics in Analytic Theory of Functions
5. Advanced Topics in Topology and Modern Analysis-I
6. Advanced Topics in Graph Theory-I
7. Operation Research-I
8. Computer Programming in C (with ANSI features) and Practical-II

Semester IV

1. Theory of Numbers-II
2. Advanced Functional Analysis-II
3. Probability and Statistics-II
4. Advanced Topics in the Analytic Theory of Polynomials
5. Advanced Topics in Topology and Modern Analysis-II
6. Advanced Topics in Graph Theory-II
7. Operations Research-II
Programming in C (with ANSI features) and Practical-II

Year of Establishment: 2008

Programme Offered: MBA

Duration:	2 years/ 4 Semesters
Intake Capacity:	20+6 Self-financed Seats
Eligibility Criteria: Graduation in Management, Arts, Science, Commerce, Agriculture, Law. (Professional) Engineering, Medicine Technology etc. or any degree recognized by the University of Kashmir and equivalent to the said degree of having passed the Examination of the Institute of Chartered Accountants/ Cost Works Accountants & Company Secretaries of India.	

Course Titles: MBA

Semester I

1. Management Process &
2. Organizational Behavior
3. Managerial Economics
4. Managerial Skill Development
5. Business Ethics & Values
6. Managerial Economics
7. Accounting for Managers
8. Computer Applications in Management
9. Comprehensive Viva

Semester II

1. Organization Effectiveness and Change
2. Human Resources Management
3. Financial Management
4. Marketing Management
5. Production & Operations management
6. Decision Support System & Management

7. Research Methodology
8. Comprehensive Viva

Semester III

- Major Papers:
 1. Strategic Management
 2. Consumer Behavior
 3. Business Marketing
 4. Service Marketing
- Minor Papers:
 1. Summer Training Project
 2. Comprehensive Viva
 3. 6 papers, 4 from Major Specialization and 2 from Minor Specialization

Semester IV

1. Business legislation
2. Application Development Using ORACLE
3. Summer Training Project
4. Comprehensive Viva
5. Optional Papers, 2 from Major Specialization & 1 from Minor Specialization

Major Specialisations:

- Consumer Behaviour
- Business Marketing
- Service Marketing
- Strategic Marketing

Minor Specialisations:

Finance:

- Financial Decision Analysis
- Security Analysis and Investment Management
- Portfolio Management
- International Financial Management
- Management Control System



- Corporate Taxation
- Financial Derivatives
- Project Planning, Analysis & Management
- Management of Financial Institutions
- Working Capital Management

OD & HRD:

- Human Resources Development
- Organizational Change & Intervention Strategies
- Management Training & Development
- Managing Interpersonal & Group Processes
- Human Resources Planning & Development
- Cross-cultural and Global Management
- Management Development
- Management of Comparative Relations
- Management of Industrial Relations
- Manpower Development for Technological Change

Information Technology Management:

- Management Support System
- Business Process Re- Engineering
- System Analysis and Design
- Strategic Management of Information Technology
- Data Base Management



DEPARTMENT OF COMPUTER SCIENCES

Year of Establishment: 2009

Programme Offered: MCA

Duration:	3 year
Intake Capacity:	30+9 Self-financed Seats
Eligibility Criteria: BCA/ BSc/ BA/ BCom with Mathematics as one of the subjects.	

Course Titles: MCA

Semester I

1. Computer Fundamentals and Applications
2. Micro Processor, ALP and its Applications
3. Technical Communications
4. Programming Language Principles
5. Advanced Database Management System
6. Discrete Mathematics
7. Lab-i
8. Lab-ii

Semester II

1. Advanced Computer Systems
2. Data and File Structures
3. Advanced Programming Concepts in C/C++
4. Software Engineering and Management
5. Advanced Data Communication
6. Lab 1
7. Lab 11

Semester III

1. Advanced Operating Systems
2. Numerical and Statistical Computing
3. Computer Graphics
4. Computer Networks, Protocols and Programming
5. Design and Analysis of Algorithms

6. Lab I
7. Lab II

Semester IV

1. Advanced Unix/Linux Programming
2. Object Oriented Modeling Analysis and Design
3. Data Warehousing and Data Mining
4. Compiler Design
5. Elective 1 –
 - (i) Advanced Software Engineering
 - (ii) Artificial Intelligence & Neural Networks
 - (iii) Pervasive Computing
 - (iv) Management Information Systems
 - (v) Compiler Construction
 - (vi) Robotics & Computer Vision
 - (vii) Modeling & Simulation
 - (viii) Lab I
 - (ix) Lab II

Semester V

1. Java Programming
2. Theory of Computation and Formal Languages
3. Optimization Techniques
4. Web Programming
5. Elective II-
 - (i) Wireless and Mobile Communication
 - (ii) Bio-informatics
 - (iii) Digital Image Processing
 - (iv) Quality Assurance & Testing
 - (v) Design and Development of Embedded Systems
 - (vi) Network security & Cryptography
 - (vii) Multimedia Communication Systems Software
 - (viii) Lab I
 - (viii) Lab II

Semester VI

- Seminar and Project

DEPARTMENT OF EDUCATION

Year of Establishment: 2009

Programmes Offered: M A Education

Duration:	2 year / 4 Semesters
Intake Capacity:	30+15 Self-financed Seats
Eligibility Criteria: Three-year B A course with Education a one of the subjects or Graduation (B A/ B Sc/B Com) with B Ed.	

Course Titles: M A Education

Semester I

1. Philosophical Foundations of Education-I
2. Sociological Foundations of Education-I
3. Educational Technology

Optional Papers (Any one of the following)

- (a) Educational Planning and Financing
- (b) Value Education
- (c) Population Education
- (d) Guidance and Counselling

Semester II

1. Sociological Foundations of Education-II
2. Psychological Foundations of Education-II
3. Methodology of Education Research-I

Optional Papers (Any one of the following)

- (a) Early Childhood Care and Education
- (b) Adult Education
- (c) Mental Hygiene
- (d) Instructional Technology

Semester III

1. Philosophical Foundations of Education-II
2. Psychological Foundations-II
3. Statistics in Education and Psychology

Optional Papers (Any one of the following)

- (a) Education Administration and Supervision
- (b) Creativity and Education
- (c) Comparative Education
- (d) Measurement and Evaluation'

Semester IV

1. Methodology of Education Research-II
2. History and Problems of Indian Education
3. Teacher Education

Optional Papers:

- (a) Special Education
- (b) Curriculum Development
- (c) Environmental Education
- (d) Social Psychology
- (e) Dissertation

M Ed

Duration:	1 year / 4 Semesters
Intake Capacity:	30+15 Self-financed Seats
Eligibility Criteria: B Ed with three year teaching.	

Course Titles: M Ed

Semester I

1. Philosophical Foundations of Education-I
2. Sociological Foundations of Education-I
3. Sociological Foundations of Education-I
4. Problems and Issues in Indian Education

Optional Papers:

- (i) Value Education
- (b) Guidance and Counselling
- (c) Early Childhood Care and Education
- (d) Adult Education
- (e) Mental Hygiene
- (f) Creativity and Education
- (g) Teacher Education

Semester II

1. Philosophical Foundations of Education-II
2. Sociological Foundations of Education-II
3. Psychological Foundations of Education-II
4. Methodology of Education Research

Optional Papers:

- (a) Comparative Education
- (b) Measurement and Evaluation (Special Education)
- (d) Curriculum Development
- (e) Educational Technology
- (d) Statistics in Education and Psychology
- (g) Dissertation







NORTH CAMPUS

NORTH CAMPUS, BARAMULLA, KASHMIR

Year of Establishment: 2009

The Satellite Campus offers following Programmes:

- MCA
- B Tech (Computer Science and Engineering)

Director: Professor Farooq Ahmad

Programmes Offered: MCA (Masters in Computer Application)

Faculty Details:

1. Mr Javeed Iqbal: Lecturer (Computer Application)

B Tech (Computer Science & Engineering)

Duration:	4 year/ 8 Semesters
Intake Capacity:	30+ 30 Self-financed Seats (Computer Science and Engineering)
Eligibility Criteria:	Candidates having passed Higher Secondary Part II (10+2) from J & K Board of School Education or any recognized board with at least 50% marks in Physics, Chemistry and Mathematics (PCM) in aggregate and 45% marks for reserved categories.
Fee Structure:	30+ 30 Self-financed Seats (Computer Science and Engineering)
Open:	Rs 25,000 per annum (Computer Science and Engineering)
Payment:	Rs 2, 00,000 (one time + Rs 25,000 per annum



POST-GRADUATE COURSES IN DEGREE COLLEGES



POST-GRADUATE COURSES IN DEGREE COLLEGES

SRI PRATAP COLLEGE, SRINAGAR

Programmes Offered: M Sc Environmental Sciences

Duration:	2 years/ 4 Semesters
Intake Capacity:	12+4 Self-financed Seats
Eligibility Criteria:	As per the Programme offered at Main Campus
Courses Offered:	Same as in University of Kashmir

MSc Chemistry

Duration:	2 years / 4 Semesters
Intake Capacity:	10+3 Self-financed Seats
Eligibility Criteria:	As per the Programme offered at Main Campus
Courses Offered:	Same as in University of Kashmir

AMAR SINGH COLLEGE, SRINAGAR

Programme Offered: MA/Geography

Duration:	2 years/ 4 Semesters
Intake Capacity:	10+3 Self-financed Seats
Eligibility Criteria:	As per the Programme offered at Main Campus
Courses Offered:	Same as in University of Kashmir

GOVT DEGREE COLLEGE, BEMINA

Programme Offered: M Com

Duration:	2 years/ 4 Semesters
Intake Capacity:	15+5 Self-financed Seats
Eligibility Criteria:	As per the Programme offered at Main Campus
Courses Offered:	Same as in University of Kashmir

GOVT COLLEGE FOR WOMEN, M A ROAD, SRINAGAR

Programmes Offered: M Sc (Home Science) Human Development

Duration:	2 years/ 4 Semesters
Intake Capacity:	8+2 Self-financed Seats
Eligibility Criteria:	As per the Programme offered at Main Campus
Courses Offered:	Same as in University of Kashmir

MA (English)

Duration:	2 years/ 4 Semesters
Intake Capacity:	20+6 Self-financed Seats
Eligibility Criteria:	As per the Programme offered at Main Campus
Courses Offered:	Same as in University of Kashmir



GOVT COLLEGE OF EDUCATION, M A ROAD, SRINAGAR

Programme Offered: M Ed

Duration:	1 years
Intake Capacity:	27+7 Self-financed seats
Eligibility Criteria:	As per the Programme offered at Main Campus
Courses Offered:	Same as in University of Kashmir

ISLAMIA COLLEGE OF SCIENCE & COMMERCE, SRINAGAR

Programme Offered: MBA

Duration:	2 years
Intake Capacity:	15+5 Self-financed seats
Eligibility Criteria:	As per the Programme offered at Main Campus
Courses Offered:	Same as in University of Kashmir

S S M COLLEGE OF ENGINEERING, PATTAN

Programme Offered: MCA

Duration:	3 years
Intake Capacity:	30 seats
Eligibility Criteria:	As per the Programme offered at Main Campus
Courses Offered:	Same as in University of Kashmir

GOVT COLLEGE OF PHYSICAL EDUCATION, GANDERBAL

Programme Offered: M P Ed

Duration:	2 years
Intake Capacity:	10 + 5 inservice category and 5 Self-financed seats.
Eligibility Criteria:	As per the Programme offered at Main Campus
Courses Offered:	Same as in University of Kashmir

GOVT DEGREE COLLEGE (BOYS), BARAMULLA

Programme Offered: MA/MSc (Mathematics)

Duration:	2 years
Intake Capacity:	27+7 Self-financed seats
Eligibility Criteria:	As per the Programme offered at Main Campus
Courses Offered:	Same as in University of Kashmir

GOVT DEGREE COLLEGE, LEH

Programme Offered: M A (Buddhist Studies)



UNIVERSITY ADMINISTRATION



UNIVERSITY ADMINISTRATION

CHANCELLOR

Shri N N Vohra

PRO-CHANCELLOR

Mr Omar Abdullah

VICE-CHANCELLOR

Professor (Dr) Riyaz Punjabi

DEAN ACADEMIC AFFAIRS

Professor A R Yousuf

DEAN, COLLEGE DEVELOPMENT COUNCIL

Professor M A Kaw

REGISTRAR

Professor S Fayyaz Ahmad

CONTROLLER OF EXAMINATIONS

Professor A M Shah

Deans of Faculties

Dean, Faculty of Arts

Professor A H Tak

Dean, Faculty of Applied Science & Technology

Professor N A Shah

Dean, Faculty of Biological Science

Professor A R Yousuf

Dean, Faculty of Commerce & Management Studies

Professor M A Sahaf

Dean Faculty of Dentistry

Professor Riyaz Farooq

Dean, Faculty of Education

Professor N A Nadeem

Dean Faculty of Engineering

Professor Nazir Ahmad Shah

Dean, Faculty of Law

Professor Altaf Ahmad Mir

Dean, Faculty of Medicine

Dr Shahida Mir

Dean, Faculty of Music & Fine Arts

Professor A R Yousuf (Incharge)

Dean, Faculty of Oriental Learning

Professor M A Khan

Dean, Faculty of Physical & Material Science

Professor M A Qurishi

Dean, Faculty of Social Sciences

Professor N A Baba

Officers

Director, Directorate of Internal Quality Assurance

Professor Mustaq A Qurishi

Dean Students Welfare

Professor Nilofar Khan

Director, IT & SS

Er (Dr) Mehraj-ud-Din

Director, Physical Education

Professor N A Rather

Director, North Campus, Delina, Baramulla

Professor Farooq Ahmad

Director, South Campus, Fatehgarh, Islamabad

Professor K A Bhat

Director, Kupwara Campus

Professor G M Malik

Director, Leh Campus

Professor M A Kaw

Spl Secretary to Vice-Chancellor

Mr Qaiser Aijaz

Executive Engineer

Er Mufti Burhan Shah

Deputy Registrars

General/Teaching

Dr M S Sumbli

General Admn/ Budget/Academic

Dr Mohd Yousuf Bha

Estates

Mohd Yasin Malik

Development

Altaf Ahmad

Registration/General

Nisar Ahmad

Accounts

Mr Parvaiz Sajad
(on deputation from State Government)

Deputy Controller

Deputy Controller of Examination

Dr Bashir Ahmad Rather

Assistant Registrars

Accounts

Ghulam Qadir Bhat

Accounts Reconciliation

Mubarik Ahmad Shah

Public Relations

Showkat Shafi

Accounts Reconciliation

Riyaz Ahmad Shah

Teaching / Sanitation

Gh Mohi-ud-Din Zargar

Recruitment

Gh Mohd Ganaie

General Administration & Legal Cell

Asmat Kawoosa

Sports

Gh Mohd Wani

Budget, IT&SS

Mohd Yaseen

Directorate of Distance Education

Riyaz Ahmad Trambo

Miscellaneous & Dispatch

Farooq Ahmad Shah

Accounts

Abdul Rashid Khan

Printing & Stationary

Mukhtar Ahmad Bandy

Registration

Muzamil Masood Mattoo

PS to Registrar

Feroz Ahmad Gurkoo

VC's Office

Ravi Kumar Bhat

DCDC/Academic

Dr Mehraj-ud-Din

South Campus

Fayaz Ahmad Sheikh

Pension/Purchase

Ab Majeed Bazaz

Office of Dean Commerce & Management Studies

Ab Rehman Teli

Assistant Controllers

Examination Conduct

Inam-ul-Rouf Malik

Tabulation

Nazir Ahmad Beigh

Examination

Zaffar Ahmad Khan

Examination Secrecy

Khazir Mohd Mir

Examination

Pir Nasser Ahmad

Examination Certificates

Abid Hussain Qadri

Assistant Registrar (D)

Development

Bashir Ahmad Nair

Kashmiri Department

Ab Gani Sheikh

Examination

Mohd Sidiq

Transport

Gh Mohd Shah

Geology & Geophysics Department

Mohd Kamal Dar

Medical Officers

Dr Altaf Rashid Kamili

Dr Safoora Abdullah

Allama Iqbal Library

Librarian

S Riyaz Rufai

Deputy Librarian

Dr A M Baba

Assistant Librarians

Mrs Taliya Afroz

Mr A R Lattoo

Mrs Mehmooda Wani

Mr M S Mattoo

Mr A M Wani

Mr M Y Khan

Mr Adnan Hassan Khan

Hostel Organization

Provost

Professor Naseem A Shah

Warden, Gani Kashmiri Hostel

Dr G N Khaki

Warden, Sheikh-ul-Alam Boys Hostel

Dr Farooq Ahmad

Warden, Habba Khatoon Girls Hostel

Dr Ruby Zutshi

Warden, Mehboob-ul-Alam Boys Hostel

Dr S A Shah

Warden, Maulana Anwar Shah Hostel

Dr M A Bhat

Warden, New Girls Hostel

Dr Tasleema Bano

Dean Students Welfare

Dean

Professor Nilofar Khan

Assistant Dean

Mr Showkat Shafi

Proctoral Organization

Chief Proctor

Dr N A Rather

Dy. Chief Proctors

Dr Mohd Ayub Dar

Dr Naseer Iqbal

Chief Security Officer

Mr Rana Sajjad

Director, Watch and Ward

Mr Abdul Hamid Bhat

Sub Office, Jammu

Officer on Special Duty

Mr Zaffar Parvez





LIST OF COLLEGES



LIST OF COLLEGES

Constituent Colleges

1. **Govt Medical College, Srinagar**
Programmes Offered: MBBS,
Diploma in Anesthesiology, Gynecology;
Ophthalmology, MD & MS
2. **Govt Dental College, Srinagar**
Programme Offered: BDS
3. **Govt College of Education, Srinagar**
Programmes Offered: BEd; MEd
4. **Govt College of Physical Education, Srinagar**
Programmes Offered: BPEd; MPEd
5. **Institute of Music and Fine Arts, Srinagar**
Programmes Offered: B.Muse, BFA

Private Managed Professional Colleges

1. **CASET Institute of Computer Sciences, Srinagar**
Programme Offered: BCA
2. **SSM College of Engineering, Baramulla**
Programmes Offered: BE; MCA
3. **Sopore Law College, Sopore**
Programmes Offered: LLB, BA LLB

4. **Kashmir Law College, Srinagar**
Programmes Offered: LLB, BA LLB

Affiliated Colleges

1. **Amar Singh College, Srinagar**
Programmes Offered: BA; BSc; BA with Tourism and Travel Management, BCA; MSc Geography
2. **Sri Pratap College, Srinagar**
Programmes Offered: BSc; BSc with Environment & Water Management & Information Technology, MSc Environmental Science, Chemistry.
3. **Govt College for Women, M A Road, Srinagar**
Programmes Offered: BA; BA with Functional English; BSc with Industrial Chemistry; B Sc (Home Science); BCA; M Sc Home Science (Home Development); M A English
4. **Govt College for Women, Nowa Kadal, Srinagar**
Programmes Offered: BA; BA with Tourism and Travel Management, BSc; BCom (General); BCom (Taxation); BCom (Vocational); BCom (Office Mgt & Sectt Practice); BBA
5. **Govt Degree College, Bemina**
Programmes Offered: BA; BSc; BCom (General); BCom (Vocational); BCom (Office Mgt. & Sectt. Practice); B BA and M Com
6. **Islamia College of Science & Commerce, Sgr.**
Programmes Offered: BSc; BSc with Electronic Equipment and Maintenance; BBA, BCom Taxation); BCom (Vocational); BCA; Biochemistry & MBA.
7. **Vishwa Bharti Womens College, Srinagar**
Programmes Offered: BA; BSc.
8. **Gandhi Memorial College, Srinagar**
Programmes Offered: BA; BSc; BCom
9. **Govt College for Women, Anantnag**
Programmes Offered: BA; BSc; BSc with Sericulture; B Com
10. **Govt Degree College for Boys, Anantnag**
Programmes Offered: BA; BSc; BSc with Electronic Equipment & Maintenance, BCom; BCA and Seed Technology; CA Adv Sales Promotion and Sales Management.
11. **Govt College for Women, Baramulla**
Programmes Offered: BA; BCom; BCom (Office Mgt & Sectt Practice)
12. **Govt Degree College, Baramulla**
Programmes Offered: BA; BSc; BSc with Industrial Fish and Fisheries, Information Technology, Mass Communication & Video Production; BCom; BCA
13. **Govt Degree College for Boys, Sopore**
Programmes Offered: BA; BSc; BSc with Sericulture; CA; BCom; Advance Sales Promotion and Sales Management

14. **Govt Degree College, Handwara**
Programmes Offered: BA; BSc; BCom
15. **Govt Degree College, Kupwara**
Programmes Offered: BA; BSc; BCom
16. **Govt Degree College, Leh, Ladakh**
Programmes Offered: BA; BSc
17. **Govt Degree College, Kargil**
Programmes Offered: BA; BSc
18. **Govt Degree College, Pulwama**
Programme Offered: BA
19. **Govt Degree College, Tral**
Programme Offered: BA
20. **Govt Degree College, Shopian**
Programme Offered: BA
21. **Govt Degree College, Ganderbal**
Programme Offered: BA
22. **Govt Degree College, Kugam**
Programme Offered: BA
23. **Govt Degree College, Doru**
Programme Offered: BA
24. **Govt Degree College, Pattan**
Programme Offered: BA
25. **Govt Degree College, Beerawah**
Programme Offered: BA
26. **Govt Degree College, Uri**
Programme Offered: BA

27. **Govt Degree College, Bijbehara**
Programme Offered: BA
28. **Govt Degree College, Budgam**
Programme Offered: BA
29. **Govt Degree College, Bandipora**
Programme Offered: BA
30. **Govt Degree College for Women, Sopore**
Programme Offered: BA

Private B Ed Colleges

1. Muslim Educational Trust College, Sopore
2. Vishwa Bharti College of Education & Training, Jammu*
3. Gandhi Memorial College, Jammu*
4. Jehlum Educational Trust (JET), Baramulla*
5. Janbaz Wali College of Education, Baramulla*
6. Dr Iqbal College Teacher Training of Education, Mahjoor Nagar*
7. T.K College of Education and Training, Lawaypora*
8. Mehboob-ul Alam College of Education & Training, Bandipora*
9. Al-Huda College of Education, Pattan*
10. Rizwan Memorial College of Education, Srinagar*

11. S S M College of Education, Lasjan Budgam*
12. South Kashmir Teacher Training, Baghat, Kanipora*
13. Sarfaraz College of Education, Hyderpora, Budgam
14. S E M College of Education, Humhama, Budgam
15. N R College of Education & Training, Natipora
16. Rehmat-i-Alam College of Education & Training, Anantnag
17. Rehmat-i-Alam College of Education, Natipora, Sgr.
18. Alamdar College of Education, Sopore
19. KCEF College of Education, Pulwama
20. KSERT College of Education, Humhama, Budgam
21. KV College of Education, Nowgam, Budgam
22. Kashmir Women College of Education, Sopore
23. Kausar College of Education, Nowshera, Srinagar
24. Kashmir College of Education, Sopore
25. M T M College of Education, Tangmarg*
26. Sheikh Hamza College of Education, Bandipora*
27. Sheikh-ul-Aam College of Education, Kupwara*
28. Dr S M Iqbal College of Education, Rajbagh, Sgr*
29. Shadab College of Education, Mala Bagh, Hazratbal, Srinagar*



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| 30. C E D College of Education, Narbal, Srinagar* | 46. Quality Education Training, Baramulla* | 64. Shaheen College of Education, Bandipora* |
| 31. Guru Nanak College of Education, Awantipora, Pulwama* | 47. Green Valley College of Education, Tangmarg* | 65. Franklin College of Education, Sopore* |
| 32. Al-Noor College of Education, Bandipora* | 48. Welkin College of Education, Sopore* | 66. Ramzan College of Education, Rangee, Sopore* |
| 33. Gulzar Memorial Educational Trust, Nawpora, Sopore* | 49. Sanctorium College of Education, Lalad, Sopore* | 67. Apex College of Education,, Mazbug, Sopore* |
| 34. Harmukh College of Education, Bandipora* | 50. Baba Payam-Din College of Education, Watlab, Baramulla* | 68. Shahi Hamdan College of Education, Pahalgam* |
| 35. Insight Institute of Education & Training, Rawalpura, Srinagar* | 51. Shanti Niketan College of Education, HMT, Srinagar* | |
| 36. Kashmir Paradise College of Education, Brain Nishat, Srinagar* | 52. Chinab Valley College of Education, Budgam* | Oriental Colleges |
| 37. Popular College of Education, HMT Zainakote, Srinagar* | 53. Unique College of Education, Mirgund, Pattan* | 1. Madinat-ul-Aloom, Hazratbal, Srinagar |
| 38. Raihan College of Education, Alastang* | 54. Subhan Institute of Educational Technology, Baramulla* | 2. Anjuman Nasrat-ul-Islam, Rajori Kadal, Sgr. |
| 39. RESET College of Education, Gulshan Nagar, Bypass* | 55. Ramzan Education Trust, Gulshan Nagar, Bypass* | 3. Dar-ul-Aloom Hanfiah Arabia College, Srinagar |
| 40. Sadiq Memorial College of Education, Soura, Srinagar* | 56. Green Land Educational Society, Hawal* | 4. Govt Oriental College, Baghi Dilawar Khan, Sgr. |
| 41. Srinagar College of Education, Shivpora, Srinagar* | 57. Al-Ahad Educational Trust, Anantnag* | 5. Islamic Oriental College, Tral, Kashmir |
| 42. Soch Kral Memorial College of Education, Pulwama* | 58. Syed Ali Memorial Educational Trust, Beerwah* | 6. Jamia Bab-ul-Aloom, Budgam, Kashmir |
| 43. Wular Valley Educational Trust, Bandipora* | 59. Al-Amin Chinar Valley College of Education, Parraypora* | 7. Kamla Nehru Memorial Mahavidyala, Srinagar |
| 44. Green Valley College of Education, Pampore* | 60. Zakir Memorial Educational Trust, Pulwama* | 8. Jamat-ul-Banat, Lal Bazar, Srinagar |
| 45. WEETA College of Education, Sangam, Anantnag* | 61. Qamariya College of Education, Shalimar, Srinagar* | |
| | 62. Jamia College of Education, Brakpora, Anantnag* | |
| | 63. Like City College of Education, Shalimar, Srinagar* | |

* Temporarily affiliated with the University of Kashmir

**INSTRUCTIONS WITH
REGARD TO OMR SHEET**

ANNEXURE - I



ANNEXURE I

INSTRUCTIONS WITH REGARD TO OMR SHEET

The candidates appearing in Entrance Tests for admission to various post-graduate and other programmes are required to answer the questions on an Optical Mark Read (OMR) Answer Sheet. In order to familiarize the candidates with the OMR sheet, a specimen of the answer sheet is given on the other side of this page. Answer sheets are scanned by machine and scores are computed. Accuracy in scoring is dependent on the examinees marking their answer sheets properly. It is in this context the candidates are advised to go through the below mentioned instructions carefully and also have a look at the above mentioned sample form for ease of its completion and usage at the time of the test:

1. Please fill up the necessary information in the space provided on the answer sheet before commencement of the test.
2. The duration of the test is 70 minutes only.
3. There will be 60 questions. Each question carries one mark.
4. Each question will have four options marked (A), (B), (C) and (D).
5. Answers have to be marked on the OMR Answer Sheet, which will be provided separately.
6. Choose the correct option and darken the circle completely, corresponding to (A), (B), (C) and (D) against the relevant question number.

NOTE - 1

E2010T ANSWER SHEET

S. No.

FILL IN THE FOLLOWING ENTRIES WITH BALL PEN ONLY

ROLL NUMBER:

NAME OF THE CANDIDATE (IN CAPITAL LETTERS):

SIGNATURE OF THE CANDIDATE
SIGNATURE OF THE INVIGILATOR

INSTRUCTIONS FOR MARKING ON SIDE - 2

1. Use only ~~Black/Blue~~ ball point pen (not gel/ink) to completely darken the circle.
2. Write your Roll No. in the space provided as per the example given below.
3. Make the marks only in the appropriate spaces provided for each question. Please do not make any stray marks on the answer sheet.
4. Rough work must not be done on the answer sheet, for which blank sheets have been provided separately in the Question Booklet.
5. Mark the Subject Option in the appropriate table as shown in the example below.

EXAMPLE - HOW TO FILL AND MARK ON SIDE - 2 (WITH BALL POINT PEN ONLY)

If your Roll number is 601245, fill in as shown in the example below.	If your Subject Option is M.Sc. Mathematics, fill in as shown in the example below.	If your Response No. Question Number 10 is B, then mark as shown:																																																																																																																																																														
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7. Use only blue/black ball point pen to darken the circle for answering. Do not use gel/ink pen or pencil in any case.
8. Do not darken more than one circle against any question as such an attempt shall be considered wrong.
9. No mark will be awarded to a question against which no circle has been darkened.
10. There will be 'Negative Marking' for wrong answers. Each wrong answer will lead to the deduction of 0.25 marks from the total score of the candidate. In other words, for every four wrong answers, one mark will be deducted from the total score.
11. Do not make any stray marks on the answer sheet.
12. Calculators and mobiles shall not be permitted inside the examination hall.
13. Rough work, if any, should be done on the blank sheets provided with the question booklet.
14. The question booklet and OMR Answer Sheet shall be returned to the staff at the examination hall on completion of the test.
15. OMR Answer sheet must be handled carefully and it should not be folded or mutilated in which case it will not be evaluated.

SDZ - 2

ROLL NUMBER

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SUBJECT OPTED FOR

Candidates to mention the Subject for which candidates wish to be eligible, in which branch to appearing.

BA Honours	B.A.	BA Honours	BA	BA Honours	BA	BA Honours	BA	BA Honours	BA	BA Honours	BA
English		English		English		English		English		English	
History		History		History		History		History		History	
Political Science		Political Science		Political Science		Political Science		Political Science		Political Science	
Public Administration		Public Administration		Public Administration		Public Administration		Public Administration		Public Administration	
Other Programmes		Other Programmes		Other Programmes		Other Programmes		Other Programmes		Other Programmes	

ANSWERS

1		21		41	
2		22		42	
3		23		43	
4		24		44	
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10		30		50	
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12		32		52	
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15		35		55	
16		36		56	
17		37		57	
18		38		58	
19		39		59	
20		40		60	

Signature of Evaluators

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**ENTRANCE SYLLABI OF THE
COURSES NOT OFFERED AT
THE UNDERGRADUATE LEVEL**

ANNEXURE - II



ANNEXURE II

ENTRANCE SYLLABI OF THE COURSES NOT OFFERED AT THE UNDERGRADUATE LEVEL

i) LLB Course

a) LLB (3 year course)

The question paper shall comprise two parts, part (A) and part (B) Whereas Part A shall cover general knowledge (40 questions), Part B shall be designed to assess the Legal Aptitude of the candidates (20 Questions of General Nature). The same scheme shall hold for the Entrance Test for admission to the "P G Diploma in Human Rights and Duties Education"

b) BA, LLB. (5 year course)

The eligible candidates shall have to appear in the entrance test comprising of Sections A & B. Section A shall carry 30 questions with four multiple choice answers based on General Knowledge and 10 questions on General Reasoning. Section B shall have 20 questions with four multiple choice answers based on Legal Aptitude to assess the interests of the candidates in law and law related issues.

ii) PGDCA (Post Graduate Diploma in Computer Applications)

The break-up of the question papers shall be as follows:

General Knowledge:	09 Questions
Logical Reasoning:	17 Questions
Mathematics (10+2 Standard):	17 Questions
Computer Fundamentals:	17 Questions

iii) MCA (Masters in Computer Applications)

The eligible candidates shall be required to appear in an Entrance Test (to be advertised in national dailies) which shall be conducted at the University Campus and at the University of Jammu, Jammu. The break-up of the question papers shall be as follows:

General English Comprehension:	09 Questions
Logical Reasoning:	17 Questions
Mathematics (10+2 Standard):	17 Questions
Computer (BCA 1st, 2nd & 3rd standard):	17 Questions

iv) MSc (Biochemistry)

- Laws of Thermodynamics
- Concepts of heat of reaction, enthalpy, entropy
- Electro-negativity
- Concepts of chemical bonding
- Electron displacements
- Dipole-dipole interactions: hydrogen bond, vander-waals forces, hydrophobic and hydrophilic interactions
- Isomerism.
- Electrochemistry.
- Acid base equilibria
- Soaps and detergents
- Essential and trace elements in biological systems
- Toxicity of metals and the reasons for toxicity.
- Use of radioisotopes as a tracer in chemical reactions, in agriculture, industry and medicine

- Spectroscopy
- Photosynthesis and its mechanism
- Significance and mechanism of respiration
- Importance of water to plant life
- Transpiration mechanism
- Methods of study of macro and micro nutrients availability, uptake and role
- Ecology and environmental conservation
- Air, water pollution and their control, renewable and non renewable resources, protection, conservation & management
- Structure, transmission and role of viruses
- Bacterial-morphology and their growth
- Applications of microbiology
- Structure, classification, properties and importance of proteins, enzymes, lipids, nucleic acids and carbohydrates,
- Cell cycle and its different stages
- Chromosome structure, hereditary, linkage & recombination
- Mutations
- Variation in chromosome number
- DNA as genetic material, replication, transcription, Genetic code, mechanism of protein synthesis and regulation
- Various structural levels of nucleic acids
- Restriction and modification system
- Transformation, Transduction
- Cell, tissue and organ culture, methods and practical applications
- Introduction, scope and significance of biotechnology

- Elementary idea of Genetic Engineering
- Concepts of evolution, ecosystem, nitrogen, phosphorus and carbon dioxide cycle
- Host Parasite relationship
- Historical perspective, Scope, and significance of developmental biology
- Morphology of cell- prokaryotic and eukaryotic.
- Structure, composition and functions of cell wall, plasma membrane, mitochondria, plastids, endoplasmic reticulum, nucleus, nucleoli, lysosomes and ribosomes.
- Blood components and their functions
- Composition and function of lymphatic system.
- Overall anatomy and function of various components of human circulatory, respiratory, excretory, nervous, digestive and endocrine system
- Glycolysis, TCA cycle, Pentose phosphate pathway, Gluconeogenesis, Glycogen synthesis and breakdown,
- ss-oxidation of fatty acids, metabolism of fatty acid, triacylglycerol and cholesterol
- Electron transport chain and Oxidative phosphorylation
- Transamination and deamination reactions, urea cycle, metabolism of Phenylalanine, Tyrosine, Tryptophan.
- Metabolism of purines and pyrimidines
- Basic concepts of Immunology
- Basic concepts of nutrition
- Definition and scope of clinical biochemistry in diagnosis
- Enzyme patterns in health and disease states with reference to plasma lipase, amylase, cholinesterase, alkaline and acid phosphatase, SGOT, SGPT, LDH and CPK, Kidney function and liver function tests.

v) MSc (Food Technology)

Though the students are expected to have a thorough study of the subjects studied during graduation, however, following areas of various subjects may be studied in detail for appearing in the entrance test.

Biology

- Fungi, Bacteria, Viruses
- Cell & its Organelles
- Cell Division, Structure & Replication of DNA
- Gene Mutation and Chromosomal Alterations
- Basics of Enzymology
- Chemistry and Metabolism of Carbohydrates, Fats and Proteins
- Vitamins and their role in Metabolism
- Photosynthesis and Respiration in Plants
- Seed Dormancy
- Plant Hormones
- Food Plants
- Vegetable Oils
- General Account of Spices
- Medicinal Plants
- Beverages
- Membrane Transport
- Respiration and Associated Pigments in Humans
- Physiology of Digestion and Respiration
- Basics of Nervous, Urinogenital & Circulatory System
- Basics of Immunology
- Basics of Biotechnology and Genetic Engineering
- Environment Pollution-water and air pollution, its causes and effects.

Physics

- Units and Dimensions-different systems of units, dimension formulae
- Basics of Elasticity & Deformation- Hooks law, elastic constants of an isotropic solid, torsion of a cylinder
- Kinematics of Moving Fluids-Equation of continuity, Bernoulli's theorem, viscous fluids, streamline and turbulent flow

- Waves-transverse and longitudinal waves in fluids, products and detection of ultrasonic waves and some applications
- Heat transfer and Enthalpy Calculations- laws of thermodynamics, concept of thermal equilibrium, entropy concept
- Dielectric- dielectric constant, microwave heating.
- Concept of Electron Spin-concept of electron spin, effects of magnetic field on human cell, applications of MRI and NMR.

Chemistry

- Atomic Structure
- Chemical Bonding
- Laboratory Safety measures and Qualitative Analysis
- Dipole-Dipole interactions
- Stereochemistry of Organic Compounds
- Cycloalkanes, Alkenes and Alkynes
- Chemical Kinetics and Catalysis
- Nuclear and Radiation Chemistry
- Gravimetry and Titrimetry
- Thermodynamics
- Alcohols and Phenols
- Aldehydes and Ketones
- Carboxylic Acids and their Derivatives
- Bioinorganic Chemistry- metalloporphyrins and essential elements
- Spectroscopy and Photochemistry
- Carbohydrates
- Amino acids, Peptides and Proteins
- Synthetic Dyes

Mathematics

- Basic properties of limits, infinitesimals, Definitions with examples, continuity and basic properties of continuous functions on closed intervals.
- Review of complex number system, triangle



inequality and its generalization, Geometric representation of complex number.

- Demoivre's theorem for rational index and its application.
- Parabola: Equation of Tangent and normal, pole and polar, Ellipse, Tangent and Normals.
- Hyperbola: Equation of tangents and normals,
- Review of the methods of integration, integration of algebraic rational function, case of non- repeated or repeated linear factors by partial fractions. Integration of algebraic rational functions by substitution, Reduction formulae, Definite integral.
- Degree and order of a different equations. Equations of first order and first degree. Equation in which the variables and separable Homogeneous equations.
- Symmetric Skew- symmetric, Hermitian and skew Hermitian matrices, Diagonal, scalar triangular matrices, sum of matrices and properties of the addition composition. Product of matrices. Transpose of a product of two matrices and its generalization to several matrices. Adjoint of square matrix A and relation $A(\text{adj.}A) = (\text{adj.} A)A = (A)I$, Inverse of a square matrix. Rank of a matrix. Elementary row and column transformation of a matrix do not alter its rank.
- General properties of equations, synthetic division, Relation between the roots and the Coefficients of an equation, Transformation of equations, Formation of equations whose roots are function of the roots of a given equation.

vi) Agricultural/ Food and Allied Sciences

- Fruit and vegetable processing
- Cereal Technology
- Meat Science
- Dairy Technology

- Food / Nutritional Biochemistry
- Food Microbiology
- Measures of dispersion and central tendency.

The weightage of marks for various subjects will be as follows:

Physics	8
Chemistry	8
Mathematics	8
Biology	16
Food / Agriculture and Allied Sciences	20
Total	60

vii) MSc (Clinical Biochemistry)

General introduction to computers: Different components of a computer, hardware and software, input output devices, introduction to computer languages, programming and operating systems.

Biometrics and Biostatistics: Statistical data,(Primary and secondary data), Grouped data (Frequency distribution), Measures of central tendency, mean, median and mode, Measures of dispersion, standard deviation, mean deviation, variance, coefficient of variation, Chi-square distribution.

Clinical Biochemistry: Review of Units and abbreviations used in expressing concentrations and standard solutions, quality control, collection and preservation of biological fluids, Normal values for important constituents in blood and urine. clearance tests, Enzyme patterns in health and disease in case of plasma lipase, amylase, cholinesterase, alkaline and acid phosphatase, SGOT, SGPT, LDH,CPK. Hypo and hyper thyroidism and Goiter, Hypo and hyper

pituitarism, Anemia, Jaundice, Kidney, Liver function tests, Rheumatoid arthritis, Diabetes mellitus, Glucose insulin tolerance tests, Glycogen storage diseases, Role of LDL and HDL in development of premature coronary heart diseases, Inborn errors of amino acid metabolism, Gout, Gassian distribution Disposal of hazards wastes like radioactive, biomedical and chemical wastes.

Human Physiology and anatomy: components and functions of blood and lymph, Basic anatomy, organization and physiological functions of respiratory, excretory, digestive, endocrine and nervous system, Vision cycle.

Biochemistry: Definition, classification, structures, reactions, biological significance of carbohydrates, lipids, proteins, nucleic acids and their derivatives. Mutarotation, various levels of structure in protein architecture. Denaturation and renaturation, Cholesterol, sex hormones and corticosteroids

Enzymology: History, general characteristics, nomenclature and classifications of enzymes, enzyme activity and factors affecting enzyme activity, Competitive and uncompetitive inhibition, allosteric enzymes.

Cell Biology: Morphology of cell, structure and functions of cell organelles (Plasma memberane, endoplasmic reticulum, nucleus, mitochondria, lysosomes, peroxysome,Golgi apparatus, ribosomes, cyotskelatal elements, choloroplast, cell wall., Historical perspective and functions of biomembranes, Nutrient transport across biomembran, cellular differentiation and biology of cancer (Basic Concepts).

Nutrition: Basic concepts of energy expenditure, Units of energy, direct and indirect measurement of energy expenditure, BMR and its measurements, Specific dynamic action, protein energy malnutrition, physiology and nutrition of vitamins and minerals, preservation and quality of foods.

Metabolism: Glycolysis, TCA Cycle, gluconeogenesis, glycogenolysis, glycogenesis, pentose phosphate pathway, electron transport chain and oxidative phosphorylation, α -oxidation of fatty acids, Biosynthesis of Fatty acids, Ketone bodies, Urea cycle, general pathways for degradation and synthesis of amino acids, Regulation of purine and pyrimidine metabolism.

Molecular Biology: Basic concepts of genetic information, central dogma of molecular biology, nucleic acids as carrier of genetic information, T_m and buoyant density, salient features of prokaryotic, eukaryotic and viral genomes, Secondary and tertiary structure of DNA, Restriction modification system, Structure, classification and properties of RNA, Cot value, Process of replication in prokaryotes and eukaryotes, post transcriptional modifications, Genetic code, mechanism of translation, regulation of gene expression, post translational modifications.

Viruses and Bacteria: Classification, structure and economic importance, Transmission of Viruses and role of vectors, Microbial antibiotics in relation to control of disease, Host parasite relationship Genetics: Mendel and his experiment, principles of segregation, independent assortment, test cross and back cross, non mendelian inheritance, Chromosome organization, and various chromosome alterations; variation in chromosome number, aneuploidy, polyploidy, autopolyploids and allopolyploids. DNA damage and repair (Basic Concepts), Cell cycle, mitosis and meiosis.

Immunology: History, scope and significance of immunology, Basic concepts of Specific and Non specific immune responses, Immunoglobulins.

Scope of Biotechnology: Cell, tissue and organ culture(Methods and practical applications) Elementary idea of genetic engineering.

Chemistry concepts: Oxidation reduction reactions, reduction potential and their uses in volumetric analysis, redox indicators, Concepts of acids and bases, dipole-dipole interactions, Hydrogen bonds, vanderwaals forces and their significance with respect to biological systems, electrophiles and nucleophiles, Concepts and types of Stereo, optical and geometrical isomerism. Chemical kinetics and catalysis, different orders of reaction, Concepts of activation energy and reaction rates, Laws of Photochemistry, photochemical reactions, photosynthesis, phosphorescence, fluorescence, chemiluminescence and bioluminescence. Spectroscopy: UV, Visible, infra red, NMR, Laws of thermodynamics .

viii) MSc (Environmental Science)

The question paper containing 60 multiple answer type questions for the entrance examination for admission to M. Sc. Environmental Science will be broadly based on the below mentioned 60 topics drawn from different branches of science related to the Environment. The paper will be spread over the whole syllabus, with one question from each topic.

a. Earth Science

1. Earth : its origin and evolution
2. Soil types in India
3. Soil erosion and conservation of soil
4. Types of rocks and weathering of rocks
5. Major river systems of India with special reference to Kashmir.
6. World population, its growth, density and distribution and impact on environment
7. Mineral and Power Resources in India
8. Physiography and Mineral Resources of Jammu & Kashmir
9. Natural Disasters
10. Major man-induced disasters: Bhopal and Chernobyl Disasters

11. Structure and Composition of Atmosphere.
12. Structure of earth.
13. Soil formation and soil profile.
14. Forest resources of India
15. Desertification
16. Climate of India.

b. Physical and Chemical Science

17. Water-physical characteristics, buffering capacity
18. Essential and trace elements in living systems
19. Natural and synthetic polymers and their use
20. Bio-molecules - chemical components of cells.
21. Bio-geochemical cycles - carbon, nitrogen and phosphorus
22. Hydrological cycle and global water balance
23. Toxicity of Heavy metals.
24. Drugs-Synthesis and uses of aspirin, paracetamol and phenylbutazone

c. Life Science

25. Origin of life
26. Photosynthesis
27. Plant growth hormones.
28. Dormancy and seed germination
29. Respiration
30. Structure of DNA
31. Genetic engineering
32. Ecosystem: Structure and Types
33. Types of succession
34. Plants and animals in use of man
35. Atmospheric pollution: causes, consequences and control.
36. Aquatic pollution: causes, consequences and control.
37. Lake types
38. Primary, secondary and tertiary treatment of sewage
39. Land pollution: causes, consequences and control
40. Management of solid wastes
41. Forest degradation and conservation measures



42. Water borne diseases
43. Pesticide problem
44. Noise pollution
45. Non-renewable energy resources: Fossil fuels (coal and petroleum)
46. Eco-friendly products and techniques; non-polluting energy sources
47. Wild-life of Jammu and Kashmir.
48. Threatened animals and plants of India and their conservation
49. Pathogenicity and control of human parasites
50. IUCN Categories of threatened species
51. Zoo-geographical divisions of the world and their important flora and fauna
52. Role of microbes in environment
53. Global Environmental issues: ozone depletion and global warming.
54. Acid rain and Smog
55. International Conventions: Stockholm, Earth summit, Montreal and Kyoto protocol.
56. Environmental Education.

d. Mathematical Science

57. Measures of Central tendency: Mean, Median and Mode
58. Statistical methods; mean deviation; coefficient of variation and standard deviation
59. Correlation and Regression
60. Probability

ix) MLIS (Master of Library & Information Sciences)

MLIS Entrance Test will comprise of a question paper consisting of sixty objective type questions (multiple choice) examining therein understanding of basic knowledge of different subjects, aptitude for libraries, English language comprehension, basic knowledge of computer and

communication skills, current affairs and reasoning. The distribution of questions will be as under:

- | | |
|---|--------------|
| a) Basic understanding of different subjects: | 30 questions |
| b) Aptitude for libraries: | 10 questions |
| c) English Language comprehension: | 05 questions |
| d) Reasoning: | 05 questions |
| e) Basic computer and Communication skills: | 05 questions |
| f) Current affairs: | 05 questions |

ix) M Sc (Biotechnology)

The entrance test shall comprise:

General science: Basic concepts of chemistry, physics, mathematics, computer science.

Bio-molecules: Carbohydrates, Lipids, Proteins, Vitamins and nucleic acids- structure and function
Cell biology: Prokaryotic and eukaryotic cell-structure and organelle functions, cell cycle progression and regulation.

Metabolism: Carbohydrate, Lipids, amino acids and nucleotides turn over and its regulation, Metabolic disorders.

Biological oxidations: Oxidation-reduction potentials, electron acceptors and donors in plants and animals. ATP synthesis-oxidative and photo-phosphorylation.

Molecular Biology: prokaryotic and eukaryotic Replication, Transcription, and Translation. Concept of Recombinant Technology.

Immunology: Structure and functions of immunoglobulin, Antigen and super antigens. Innate and adaptive immunity.

Techniques: Principles, types and applications of, chromatography, centrifugation, electrophoresis, spectrophotometry.

Genetics: Mendelian laws of inheritance and their application, linkage and crossing over, gene mapping, theories of mutation and evolution, genetic disorders.

Animal physiology: Introduction to homeostasis, physiology and development of Digestive, circulatory, respiratory, excretory, reproductive and nervous system. Endocrine and exocrine system: hormone diversity and action.

Plant physiology: Transport across plant cell, Transpiration, Mineral uptake, Respiration Photosynthesis, Flowering, Growth and development.

Microbiology: Structure and organization of microbial cells, Microbial growth, Viral & Bacterial Genetic systems, Host parasite relationship: Normal microflora, Antimicrobial agents.

x) Masters Mass Communication and Journalism (MCJ) & Master in Social Work (MSW)

In case of Mass Masters Courses in Communication & Journalism (MCJ) & Masters course in Social Works (MSW), admission shall be made on the basis of two tests consisting of a Screening Test followed by the Main Test. Only those candidates will be called for the main test (second test), who secure 50% and 45% marks in the screening test in respect of open merit and reserved Category/ies, respectively.

a. M A Mass Communication & Journalism

The Screening Test (objective type) consisting of 60 questions carrying a total of 60 marks shall be based on the following components:

1. Books and Authors-(Prominent books published in 2008-09; local /national/ international)
2. Abbreviations-(Media related)
3. Who's who in print and electronic media (local and national)?-(Editors/Columnists/Prominent Writers/ Anchors/ Producers /Directors):
 - a. News organizations: Newspapers, News Magazines, News Agencies
 - b. Radio Kashmir/Doordarshan Srinagar, Kashir Channel, DD National Network and Prominent National Cable/Satellite television channels
4. Persons in news (local/ national/international)
5. **Language Usage:** Vocabulary & Grammar-(Do as directed)
6. **Media Terminology** - (Generally used terms by media- Print and electronic in news reports)
7. Slogans (Media Organizations/Popular Campaigns)
8. Movies-(Award winning of 2008-09 (national/ international- Producers/Directors/Script writers)
9. Current Affairs-(local/ national/ international)

The Main Test (descriptive type) carrying a total of 60 marks shall comprise 5 questions and the candidates shall be required to attempt all the questions in 2 ½ hours. Here the candidates are expected to write.

- Q1.** Topical Essays
- Q2.** Personality profile (local/national/international)
- Q3.** Comment/s on local Print and/or Electronic Media
- Q4.** Comment/s on national Print and/or Electronic Media
- Q5.** A 300-Word creative piece on a given theme

Note: Questions will be framed keeping in view the information and understanding level of an average graduate student.

b. MA (MSW)

Here the first test (screening test of objective type) shall be based on General Knowledge (40 questions) and B. A. level Sociology (20 questions), whereas the main test carrying a total of 60 marks shall comprise of 10 questions (descriptive type) pertaining to various social issues, out of which the candidate shall be required to attempt 5 questions in 2 ½ hour.

xi) MA Linguistics:

Here the candidates shall be required to answer questions that shall test their understanding of basic knowledge of different subjects, aptitude of languages, communication skills, history of Kashmir, current affairs and reasoning.

xii) MSc Home Science

There shall be a common Entrance Test in the courses offered by the Institute of Home Science namely: (i) M Sc Home Science (Food and Nutrition with specialization in 'Food Science and Nutrition' and 'Dietetics and Clinical Nutrition); (ii) M Sc Home Science (Extension & Communication) and (iii) M Sc Home Science (Human Development).

The question paper shall be based on the course contents of B Sc Home Science prescribed by the University.

xiii) MSc Statistics

Candidates seeking admission to the M.Sc. course in Statistics shall be required to have passed B A/ B Sc with Mathematics or Statistics as one of the subjects. There shall be two separate question papers with one for candidates having B A / B Sc statistics background (without Mathematics) and the other for candidates having passed

B A / BSc with Mathematics as one of the subjects (with or without Statistics).

xiv) MBA and MFC

All eligible candidates will have to appear in a written test (objective type aptitude test) to be held at Srinagar and other approved centres outside the state (subject to the availability of at least 25 applicants in each centre). The candidates who qualify the written test as per the statutes shall be called for group discussion and personal interview to be held at Srinagar. Candidates have to bear their travelling expenses for attending the GD/Viva themselves. The written test shall comprise of the following sections:

S. No.	No. of Section	Suggested Questions	Time (minutes)
1.	Language Comprehension	40	30
2.	Mathematical Skills	40	40
3.	Data Analysis and Sufficiency	40	35
4.	Intelligence and Critical Reasoning	40	30
5.	Indian and Global Environment	40	15
Total		200	150



HOW TO APPLY



HOW TO APPLY

Application Form and Prospectus can be obtained:

a) By Post:

For receiving the Prospectus containing one Application Form by post, requisition should be addressed to:

The Deputy Registrar
(Printing and Stationery),
University of Kashmir,
Hazratbal, Srinagar-190006, J&K.
Ph. 2420078, 2420405, Ext. 2015

The requisition should be accompanied with a Demand Draft for Rs. 250/= for One Prospectus containing Application Form, drawn in favour of Registrar, University of Kashmir, Srinagar, payable at J&K Bank Ltd., Hazratbal, Srinagar and a self addressed envelope of 8" x 10" in size affixed with postage stamps of proper value. Requisition without self-addressed / stamped envelope shall not be considered and in such cases no further correspondence will be entertained.

b) From Sale Centers

The Prospectus containing on Application form can also be purchased from the University Sales Counter and certain designated branches of the J&K Bank Ltd. (to be notified later) against cash or University Cash Receipt/Demand Draft for Rs. 250.00 drawn in favour of the Registrar, University of Kashmir, Srinagar, payable at J&K Bank, Hazratbal, Srinagar.

c) From the Web

Application Form can also be downloaded from the official website of University of Kashmir www.kashmiruniversity.net.

One Application Form can be used for as many as eight programmes. If a candidate wants to apply for more than eight programmes, then he/she has to procure a second application form in same manner as the first one.

Application Form duly filled by the applicant and complete in all respects together with J & K bank receipt on the Pay-in-slip attached with the Application for an entrance test fee of Rs. 245.00 per programme and necessary certificates can be deposited within the stipulated time in one of the Postgraduate Departments/Institutes of the University (Main Campus Hazratbal), where s/he is an applicant, against a proper receipt.

Students are advised to remain in touch with the respective Departments and follow all the University Notifications/announcements in respect of admission to various course/programmes. They can also check the status of the application, admit card, Centre notice etc. from the official web site of the university.



CONTACTS

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9419404945
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0194-2420559, 9419074676



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IMPORTANT NOTE

The prospectus is meant to help students in applying for admission to various programmes and courses conducted by the University. It does not necessarily carry the true language of the University Act, Statutes and Regulations, seniority, nomenclature. Moreover, the University reserves the right to make changes in its Statutes and Regulations contained in the Prospectus as and when academic considerations warrant so.

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