Baba Ghulam Shah Badshah University

Vice Chancellor's Message

Your worthiness and endurance will be on test, like that of the ship that leaves the shore for its first voyage across the ocean. The University will be your second home. Your classmates, fellow boarders and teachers will substitute your family. You will be the youngest members of the large BGSBU family and will, therefore, receive love and attention from all quarters.

It gives me immense pleasure to note that the process of admission for the session starting in July 2017 has been initiated with the publication of 13th Admission Prospectus. We shall soon have a fresh crop of young men and women charged with new hopes and aspirations. They will step into the shoes of their seniors who left the portals of the University to face the rough and tumble of life. For you who will join in their place we wish fruitful years of joy and learning to shape your destiny.

Many of you may be leaving home for first time. Your worthiness and endurance will be on test, like that of the ship that leaves the shore for its first voyage across the ocean. The University will be your second home. Your classmates, fellow boarders and teachers will substitute your family. You will be the youngest members of the large BGSBU family and will, therefore, receive love and attention from all quarters. All you need to do is to have confidence in yourself and repose trust in the University community.

We are endeavouring to make this University emerge as a centre of excellence in higher education. As such, efforts are being made to provide you rich library, state - of- art laboratories, uninterrupted internet connectivity, cozy boarding houses and above all excellent teaching faculty for whom teaching is a passion. In a little over a decade we have morphed the desolate stretch of hills and dales dotted with shrubby outgrowth into an institute of higher and technical education. This was possible through collective action. The University is already at top of the hill. Your inputs should take it to greater heights.

I wish you happy stay on the campus and success in realizing your dreams!

Javed Musarrat

Vision

"Steady onward march for

human development

through Science and

Technology on one hand

and our national ethos

on the other"

Mission

"Work towards

preparing men and women who

are intellectual adventurers and

not camp followers; who are

architects of the future and not

curators of the past"

Contents

The Univeristy

Established by the Government of Jammu & Kashmir through J&K Legislative Assembly Act No. XVI of 2002 and recognised by the AICTE and UGC, New Delhi, under sections 2F & 12 B, Baba Ghulam Shah Badshah University is mandated to impart quality education in science & technology and undertake research in basic and job oriented applied courses.

The University is located at the slopes of Dhanidhar hills, the southern peripheral part of the majestic Pir Panjal mountain range. The unique geographical location in rural setting offers ideal ambience for teaching and learning. The University campus is 9 Kms from Rajouri town (latitude 33° 23' N. longitude 74° 21' E.) at an altitude of 1,178 meters above the mean sea level. The climate of the place varies from subtropical to temperate. Frequent rains, occasional hailstorms and snowfall account for the moderate climate and serene atmosphere of the campus and its neighborhood.

Special features of the University

- Serene, eco-friendly, pollution-free ambience ideal for pursuing knowledge.
- Residential character with on-campus housing facility for staff and students.
- DELNET facility for use by faculty and students.
- Emphasis on live projects and hands-on-training.
- Training in communication skills and personality development.
- Full fledged Placement Cell to link job - seekers with job givers.
- Dedicated faculty and excellent adjunct faculty.
- Guest lectures by scholars from across the world.
- Regular seminars, work shops and conferences.
- Facilitation of grant of scholarships and Educational Loan to needy students.
- University Fellowships for M. Phil and Ph. D programs.
- Studentship of Rs 3000/- per month plus one time grant of Rs 50,000/- to all students admitted to DBT sponsored M.Sc. Biotechnology programme.
- Strict adherence to Academic Calendar.
- Choice Based Credit System (CBCS) and Massive Open Online Courses (MOOC's) in place.

Amenities for students:

- **Branch Offices:** Besides its main campus at Rajouri, the University also maintains branch offices at Jammu, Srinagar & Kishtwar for liaising with students of these divisions for facilitating their admission, counseling, entrance tests etc. Admission Prospectus is also sold at Leh and Kargil through J&K Bank.

- **Internet:** All teaching departments are equipped with Internet facility which enables University teachers and scholars, to keep abreast with latest developments in their respective fields of specialisation.

- **Canteen:** The campus has canteens with provision for lunch, tea, soft drinks, snacks etc. Their upkeep, hygiene and quality of service are monitored strictly. The canteens keep open till late hours for benefit of scholars who work late in library and laboratories.

- **Co-curricular activities:** The hilly terrain of the campus provides ideal setting for trekking, hiking, rock climbing and allied activities. For overall personality development, students' participation in quiz programmes, singing, mimicry, debates, poetry recitation and similar other activities is encouraged. The University has a playground and dedicated Students Centre and Gym with provision for outdoor and indoor games.

- **Guest houses:** The university has 3 guest houses, one each at Jammu, Srinagar and Rajouri. While the first two cater to the faculty and University guests in transit, the one at the Campus is used as the Visitors lodge.

- **Shopping Mall:** The Campus shopping mall, called the 'Sab Rang Square', and the multi-purpose Student's Amenities Centre meet routine requirements of resident students, at reasonable rates.

- **Bank and Post Office:** A branch of the Jammu & Kashmir Bank with ATM facility has been established on the campus to facilitate bank transactions including educational loans for students. The students also avail the facility of post-office whose timing synchronizes with that of the University.

- **Health Centre:** The University maintains Health centre with whole-time qualified Medical Officer and technical & nursing staff. The services of the Doctor and Health centre are provided free to the University students round the clock. The Centre also runs a Pharmacy to cater to specific needs of the sick.

- **Transport facilities:** The University offers paid transport facility to student commuters and University employees from Rajouri town to University Campus and back on first - cum - first -served basis.

Central Library

The Library works under the supervision of Library Advisory Committee of which Vice Chancellor is the Chairman. It is manned by professionals and combines the virtues of classical reading with 21st century technology. It keeps trying new ways to reach out to members to fulfill their information requirement.

Books and other reading material procured during the period Jan. 2016 - Dec. 2016:

Item	Current additions	Total collection
Books Purchased	1697	24570
Digital Documents	200	2127
Book Gifts received	71	1626
Project Reports /Dissertations	220	1558
Newspapers	Nil	20
Journals & Magazines	Nil	86
M. Phil / Ph. D theses	20	59

BGSB University Library is an institutional Member of DELNET, a network of more than 5,360 member libraries dispersed across the globe, providing access to more than 21 million documents. With access to eight databases of UGC-infonet along with access to J- Gate, the library members can access nearly 6000 online journals on varied subjects. The Doctoral research in progress and the works awarded by BGSB University can be accessed at Shodganga and Shodgangotri the repositories of Ph. D synopses & Ph. D. theses of all the research programmes in progress in the country, which is maintained by UGC-INFLIBNET. Bibliographic details of the library holdings are duly maintained with DELNET and INFLIBNET and can be accessed globally at their respective sites. With the view to facilitate members to have access to some other important online open access sources of information, a good number of sources are federated on the library website accessible at https://sites.google.com/site/clbgsbu/.

The library arranges seminars and workshops for the benefit of students and teachers. A 10 days workshop was organised on Information Literacy and Plagiarism for which resource persons were invited from JNU, Kashmir University and Baba Farid University of Health Sciences, Faridkot, Punjab.

The Library extends Plagiarism detection services on Urkund software to Library Members.

Of late, the library has switched over its automation and circulation services on KOHA software which is also used to provide Online public access catalogue service.

Skills Development & Placement Centre

The University has made training and placement integral parts of its educational programmes. For this purpose the University has fulfledged Placement Cell with a Placement Coordinator who organizes training activities round the year, coordinates with the corporate sector, prepares prospective job - seekers and facilitates Campus selection. Realizing the role the Placement Cell has been playing in making our product industry - ready and employable, the University is trying to expand and upgrade it to Centre for Employability Skills Development, with the long term aim of raising it into Skills Capital of Jammu & Kashmir. To make them employable students are imparted requisite knowledge in the area of their specialization, necessary skills and right aptitude (KSA). They acquire knowledge through formal teaching-learning process. Skills and aptitude are honed by professionals in skills development. The budding professionals are helped to become clear, correct and confident in their oral and written communication.

Key activities undertaken by the Centre

i.   Organize Personality Enhancement Workshops, group discussions, mock interviews and other activities that prepare students for corporate sector.

ii.   Provide career consultancy to students of non professional streams.

iii. Organize regular visits of students to industrial houses as part of Campus to Corporate programme.

iv.   Arrange Campus recruitment for summer training which provides first hand knowledge about corporate world and prepares students for final placements.

v.   Assist students in getting on-the-campus placements by inviting national and multinational companies for on - campus interaction, interviews and selection.

vi.   Organise workshops on Rêsume writing.

vii. Some past recruiters of our product include Berkley bank, IDBI, Fortis, ICICI, Kotak Mahindra, IBM, Perot Systems, JPH Technologies, Global InfoTech etc.

Reservation of Seats in UG & PG teaching programmes

To fulfill its obligations towards the socially disadvantaged classes the University has made special provision of reservation of seats for admission of their children in all the teaching programmes it offers. Seats have been reserved for them in under and postgraduate programmes as per following breakup:

- Permanent residents of Rajouri and Poonch districts **25%**
- Scheduled tribes **09%**
- Scheduled castes **08%**
- Other Backward Areas **05%**
- Wards of Defence service personnel who are permanent residents of J&K State, and candidates belonging to weak and under-privileged classes as notified by the State vide latest SRO. **02%**

- Reservation of seats in Masters programme in Biotechnology is as per norms of the HRD Ministry, Government of India.
- For wards of permanent employees of BGSB University 01 seat is reserved in each programme which is supernumerary i.e over and above the number of seats allotted to the course.

  The General Category seats for each Academic programme include seats allotted on Merit and those in the Reserved Categories.

Admission to all teaching programmes offered by the University is available to candidates from all States of India.

Span Of The Teaching Programmes

(as per UGC Notification No: D.O. No.F.12-1/2015(CPP-II), dated, 15-10-2015)

1.	M.A. / M.Sc. / MBA	2 yrs.	Max. 4 Yrs.
2.	MCA	3 Yrs.	Max. 5 Yrs.
3.	B.A. (Hons.)	3 Yrs.	Max. 5 Yrs.
4.	B. Tech	4 Yrs.	Max. 6 Yrs.
5.	Diploma Courses in :		
	(i) Engineering	3 Yrs	Max. 5 Yrs.
	(ii) Front Office Management	1 Yr	Max. 3 Yrs
	(iii) House Keeping	1 Yr	Max. 3 Yrs
	(iv) Food Tech. & Beverages	1 Yr	Max. 3 Yrs

Schools of Studies

- **School of Biosciences and Biotechnology**
- **School of Education**
- **School of Engineering and Technology**
- **School of Islamic Studies & Languages**
- **School of Management Studies**
- **School of Mathematical and Computer Sciences**
- **School of Nursing & Biomedical Sciences**
- **School of Social Sciences**

Two more Schools, namely School of Healthcare and Pharmacy and School of Material Sciences and Nanotechnology are on the anvil.
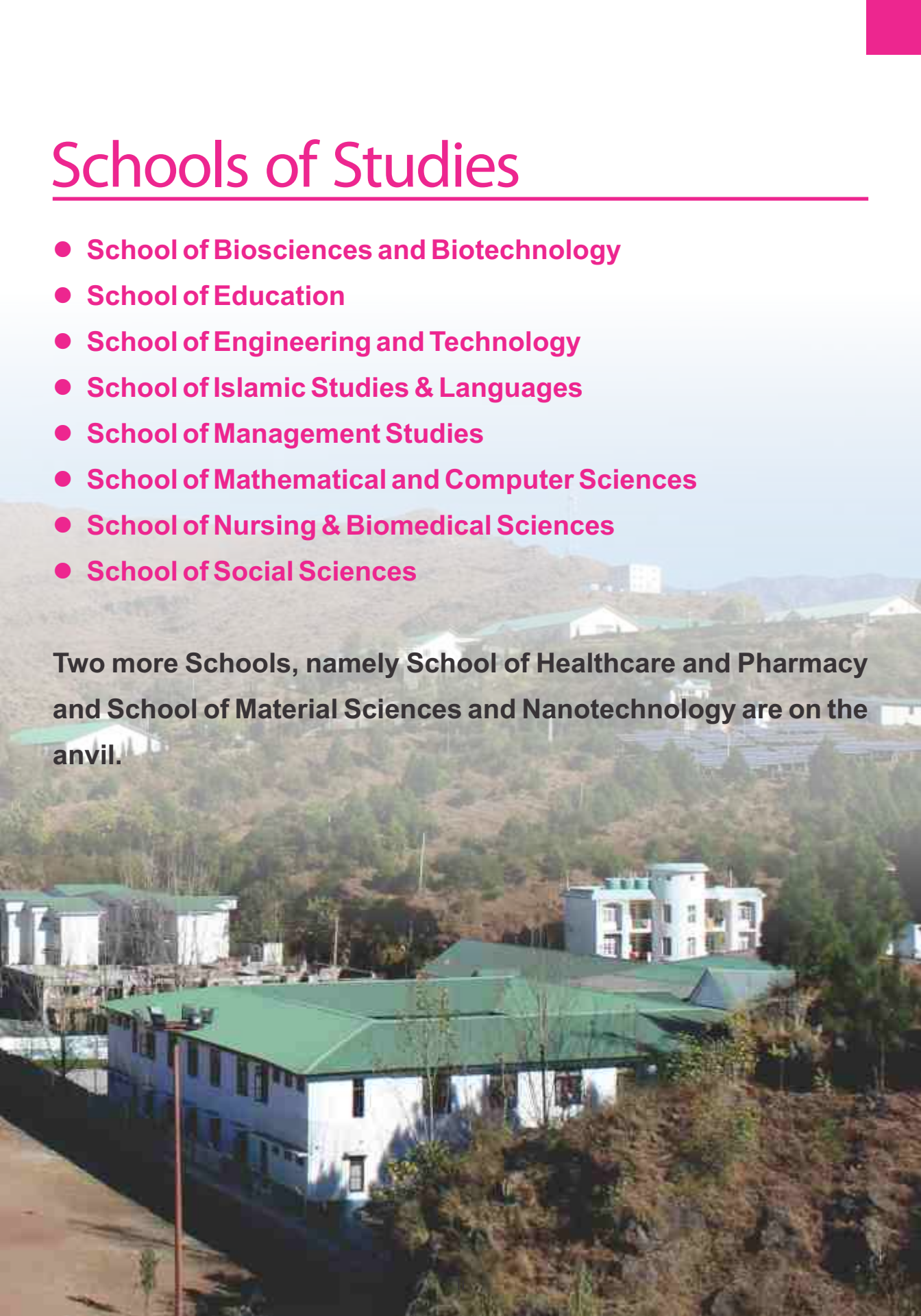
School of Mathematical & Computer Science

Department of Computer Science

Department of Information Technology

Department of Mathematical Sciences

Department of Computer Science

The department of Computer Science imparts quality education in Computer Science and Computer Applications. It also conducts research. The Department has produced 9 batches of MCA so far. Many passouts are holding important positions in Information Technology industry in the Country. Teaching is imparted in well-designed, industry-oriented curriculum which is right blend of class room teaching, lab work, guest lectures and software development projects. On account of its futuristic outlook the MCA programme has earned recognition and liberal grants from AICTE. The Department offers Integrated Dual degree Masters Programme in Computer Sciences & Computer Applications (M. Sc. Computer Sciences & MCA) which has the advantage of preparing students for different job markets -teaching and industry. The students enrolled to this programme have the option to walkout after two years with M.Sc. Degree in Computer Sciences or pursue third year and receive MCA degree. The department also offers M. Phil. and Ph. D. programmes in emerging fields of Computer Science and runs short term Certificate courses in Hardware & Maintenance, Networking, Dot Net Technologies and Java Programming. The department has an efficient Computer Maintenance Wing (CMW) that provides technical assistance to Departmental laboratories.

The Department has latest state-of-art laboratories and 24 hours internet connectivity through dedicated RF-Link with 1Mbps speed. The faculty is well qualified, dedicated and highly motivated.

The students receive intensive training on latest and stand alone PCs and workstations, which, coupled with dedicated trainers, provides ideal platform for producing competent professional Software Developers, IT Managers and Computer Engineers for the IT-industry.

Through the Training and Placement Cell liaison is maintained with various government and industrial organizations to facilitate employment of the passouts, who are trained in communication skills, oral presentation, personality attributes and other requirements of the corporate world.

Milestones achieved

The faculty published research papers and participated in workshops and Refresher courses organised in this University and in other Universities of the Country.

- Organised eight day workshop on "Linux Administration & Open Source Application Softwares". March 11 - 19, 2016.
- Organised National Seminar on "Recent Opportunities and Challenges in Computer Science ROCC". October 10, 2015.
- Acquired membership of International Centre for theoretical Physics, Italy; Federation Arrangement scheme.
- Passouts of the Department have found placement in CS Infotech (Chandigarh), HDFC Bank, Micro Web Technology, CS Soft Solutions, Universities & JPH Technologies.

Dual degree programme in M. Sc. Computer Sciences and Masters in Computer Applications (MCA)

M. Sc. Computer Sciences is 4 semesters, whole time programme. MCA is full time, 6 semesters, resident programme. MCA degree is awarded to students who attend and pass 20 theory and 9 laboratory courses and undertake project work in public or private sector institutions to acquire real-life practical training which helps them in finding proper placement. The course offers choice to students for selection of Elective courses in 3 Semesters. M. Sc. Degree in Computer Science is awarded to students who pass 16 Theory & 7 Laboratory courses.

Course Curriculum

Semester I

Course Code	Course Title
MC 141	Mathematical Foundation of Computer Sciences
MC 142	Digital Electronics
MC 143	Operating System Concepts
MC 144	Principles of Programming & Problem solving using C

Lab Courses

MC 171	Lab on Computer Fundamentals
MC 172	Lab on C Programming

Semester II

Course Code	Course Title
MC 241	Software Engineering
MC 242	Computer Organization & Architecture
MC 243	Data & File Structure using C++

Choice Based Open Elective Courses (One of the following)

Math 201	Mathematical Tools for Real World Problems
IT 202	Soft Skills in Information Technology
Bio 204	Fundamentals of Biotechnology
Bot 205	Mysteries of Green Plants
Bot 206	Botany in Rural Development
Zol 207	Nutrition, Health & Hygiene
Ara 208	Fundamentals of Arabic Language
Eng 209	Applied English
Edu 210	Higher Education
Eco 211	Principles of Banking
HT 212	Basics of Tourism and Travel Agencies
HT 213	Tourism Resources of J&K
Mgt 214	Business Communication & Soft Skills
Edu 215	Instructional Technology

Lab Courses

MC 271	Lab on C++
MC 272	Lab on Data & File Structure using C++

Semester III

Course Code	Course Title
MC 341	Analysis & Design of Algorithm
MC 342	Data Communication & Computer Networks
MC 343	RDBMS
MC 344	Core Java Programming

Lab Courses

MC 371	Lab on RDBMS
MC 372	Lab on Core Java programming

Semester IV

Course Code	Course Title
MC 441	Theory of Computation
MC 442	Dot Net technologies using C#
MC 443	Minor Academic Project

Choice Based Complementary Elective Courses (Students are required to opt any one of the following courses depending upon the availability of faculty)

MC 444	Management Information System
MC 445	Operations Research
MC 446	Wireless & Mobile Communication
MC 447	Simulation and Modeling
MC 448	Information Storage & Management
MC 449	Object Oriented Analysis & Design
MC 450	Computer Graphics
MC 451	Software Testing

Lab Courses

MC 471	Lab on Dot Net technologies Using C#

Department of Computer Science

Semester V

Course Code	Course Title
MC 541	Cryptography & Network Security
MC 542	Artificial Intelligence
MC 543	Web Technology using ASP.NeT

Choice Based Complementary Elective Courses (Students are required to opt any one of the following courses depending upon the availability of faculty)

MC 544	Data Mining & Data Warehousing
MC 545	Parallel & Distributing Processing
MC 546	Web Mining
MC 547	8086 Microprocessor

MC 548	System Software
MC 549	Pervasive Computing
MC 550	Bio Informatics

Lab Courses

MC 571	Lab on Web Technology using ASP.Net
MC 572	Lab on Linux / Unix

Semester VI

Course Code	Course Title
MC 641	a) Dissertation
	b) Seminar
	c) Comprehensive Viva Voce

Resident Faculty

• Prof. Mohammad Asger	**Dean**	M. Sc., M.Tech., Ph.D.
• Dr. Qamar Rayees Khan	**Head of the Deptt.**	MCA, Ph.D.
• Dr. Majid Bashir Malik	Asstt. Professor	MCA, Ph.D.
• Dr. Sanjay Jamwal	Asstt. Professor	MCA, M. Phil., Ph. D.
• Mr. Sayed Fayeq Jeelani	Asstt. Professor	M. Tech.
• Mr. Abdul Qayoom	Asstt. Professor	M. Tech.
• Mr. Muzaffar Ahmad Dar	Teaching Asstt.	MCA
• Mr. Ashwani Kumar	Teaching Asstt.	MCA

Guest Faculty

• Prof. Mohd. U. Bokhari	Chairman, Dept of Computer Science, AMU, Aligarh
• Prof. Vinod Sharma	Head, Deptt. of Computer Sciences, University of Jammu
• Prof. T. V. Prasad	Dean, R&D, Chiralla Engineering College, Andhra Pradesh
• Prof. Atul Gonsai	Professor, Deptt. of Computer Sciences, Saurashtra University, Gujarat

Intake : 40

General	:	**30 seats**
Self Supporting	:	**10 seats**

Department of Computer Science

Eligibility for Admission

- Bachelors' degree (10+2+3 pattern) in any discipline or any other degree recognized equivalent thereto from a recognized university.
- Candidates appearing in the Final year of the qualifying examination and those whose result of the same is awaited, can also apply and appear in the Entrance Test provisionally.

Selection shall be made on the basis of the total marks secured by the candidates in the qualifying examination.

Fee Structure Per Semester		MCA	M. Sc Computer Sciences
1. Admission Fee	:	Rs. 1,250/-	Rs. 1,250/-
2. Tuition Fee			
i. Semester First	:	Rs. 28,000/-	Rs. 26,000/-
ii. Semester Second	:	Rs. 29,000/-	Rs. 27,000/-
iii. Semester Third	:	Rs. 29,000/-	Rs. 27,000/-
iv. Semester Fourth	:	Rs. 29,000/-	Rs. 27,000/-
v. Semester Fifth	:	Rs. 29,000/-	---------------
vi. Semester Sixth	:	Rs. 29,000/-	---------------
3. Career Counseling & Placement Assistance:		Rs. 1,000/-	Rs. 1,000/-
4. Library Fee	:	Rs. 7,50/-	Rs. 7,50/-
5. Sports Fee	:	Rs. 7,50/-	Rs. 7,50/-
6. Science / Computer Lab. Fee	:	Rs. 7,50/-	Rs. 7,50/-
7. Laboratory Maintenance Fee	:	Rs. 7,50/-	Rs. 7,50/-
8. University Development Fund	:	Rs. 7,50/-	Rs. 7,50/-
9. University Corpus Fund	:	Rs. 1,000/-	Rs. 1,000/-
10. One Time Security (Refundable)	:	Rs. 1,000/-	Rs. 1,000/-
11. Self Supporting Fee (One Time)	:	Rs. 1,50,000/-	Rs. 1,50,000/-

M. Phil. and Doctoral Programmes

The Department runs M. Phil. and Ph. D programmes in Computer Sciences. For details regarding admission to these programmes, refer page 89. At present research is being carried out in the fields of Wavelet, Neural Networks and Information Security and Data Mining. The Department has produced 3 batches of M. Phil and three Ph. D's.

Admission to M. Phil. and Ph. D Programmes will be notified subject to availability of seats.

Department of Information Technology

Masters Programme in Information Technology is full time, 4 Semesters programme. It prepares skilled human resource in such prime areas as Systems Administration, Web based Technology, E-Business etc. Every Masters level student is required to attend and pass 12 theory and 6 Lab. Courses. The final Semester is devoted to Dissertation work which is executed in well established private and public sector institutions. This exposure provides real-life practical training to young learners, helps them adjust to corporate working and prepares them for finding suitable placements in IT industry.

The final finish to the outgoing students is imparted by training them in Soft Skills, Oral expression and such other traits as are essential for corporate working. This part of the programme is handled by professionals in the University Placement Cell.

All laboratories of the Department are linked through wireless Networking. Computing facility and Internet Service are available round the clock. The Department maintains well equipped laboratories for separate computing platforms enabling students to work with latest technologies.

Course Curriculum

Semester I

Course Code	Course Title
MIT 141	Data Structures with C
MIT 142	Internet and Web Technologies
MIT 143	Operating System Concepts
MIT 144	Digital Electronics

Lab Courses

MIT 171	Lab on Data Structures with C
MIT 172	Lab on Internet and Web Technologies

Semester II

Course Code	Course Title
MIT 241	Java Programming
MIT 242	Advanced Web Technologies
MIT 243	Data Communication and Computer Networks

Choice Based Open Elective Courses (Any one of the following)

Math 201	Mathematical Tools for Real World Problems
Comp 203	Computer Applications & Operations
Bio 204	Fundamentals of Biotechnology
Bot 205	Mysteries of Green Plants
Bot 206	Botany in Rural Developments
Zol 207	Nutrition, Health & Hygiene
Arab 208	Fundamentals of Arabic Language
Eng 209	Applied English
Edu 210	Higher Education
Eco 211	Principles of Banking
HT 212	Basics of Tourism & Travel Agencies
HT 213	Tourism Resources of J&K
Mgt 214	Business Communication & Soft Skills
Edu 215	Instructional Technology

Lab Courses

MIT 271	Lab on Java Programming
MIT 272	Lab on Advanced Web Technologies

Semester III

Course Code	Course Title
MIT 341	Dot Net Technologies using C#
MIT 342	Database Management Systems
MIT 343	Theory of Computation

Choice Based Complementary Elective Courses (Students are required to opt any one of the following courses)

MIT 345	Design & Analysis of Algorithms
MIT 346	Bioinformatics
MIT 347	Cloud Computing
MIT 348	Distributed Database Management
MIT 349	Web Mining
MIT 350	Artificial Intelligence
MIT 351	Software Engineering

Lab Courses

MIT 371	Lab on Dot Net Technologies through C#
MIT 372	Lab on Database Management System

Semester IV

Course Code	Course Title
MIT 431	a) Dissertation
	b) Seminar & Progress Report
	c) Project Viva voce

Department of Information Technology

Resident Faculty

- Prof. Mohammad Asger   **Dean**   M. Sc., M. Tech., Ph. D.
- Dr. Tasleem Arif   **Head of the Deptt.**   MCA, NET, Ph. D.
- Mr. Ed Gowhar Hafiz Wani   MCA
- Mr. Mudasser Nazar   B. Tech, M. Tech.
- Mr. Mutasif Ishfaq   B. Tech, M. Tech
- Mr. Mohsin Nazir   M. Sc. IT

Guest Faculty

- Prof. Abdul Wahid   Dean, School of Computer Sciences & IT, MANU, Hyderabad
- Prof. Vinod Sharma   Head, Deptt. of Computer Science, University of Jammu
- Prof. Vijay Singh Rathore Director, KARNI College, Jaipur, Rajasthan
- Dr. Rashid Ali   Deptt. of Computer Engineering, AMU Aligarh
- Dr. Afaq Alam Khan   Deptt. of Information Technology, C. U., Kashmir

Intake : 30

General	**25 seats**
Self Supporting	**05 seats**

Eligibility for Admission

- Bachelors' degree (10+2+3 pattern) in any discipline or any other degree recognized equivalent thereto from a recognized University.
- Candidates appearing in the final year of the qualifying examination and those whose result of the same is awaited, can also apply and appear in the Entrance Test.

Selection shall be made on the basis of the total marks secured by the candidates in qualifying examination.

Department of Information Technology

Fee Structure Per Semester

1. Admission Fee : Rs. 1,250/-
2. Tuition Fee
   i. Semester First : Rs. 26,000/-
   ii. Semester Second : Rs. 27,000/-
   iii. Semester Third : Rs. 27,000/-
   iv. Semester Fourth : Rs. 27,000/-
3. Career Counseling & Placement Assistance : Rs. 1,000/-
4. Library Fee : Rs. 7,50/-
5. Sports Fee : Rs. 7,50/-
6. Science / Computer Lab. Fee : Rs. 7,50/-
7. Laboratory Maintenance Fee : Rs. 7,50/-
8. University Development Fund : Rs. 7,50/-
9. University Corpus Fund : Rs. 1,000/-
10. One Time Security (Refundable) : Rs. 1,000/-
11. Self Supporting Fee (One Time) : Rs. 1,50,000/-

M. Phil. and Doctoral Programmes

The Department has introduced M. Phil. and Ph. D programmes in Information Technology from this year. For details regarding admission to these programmes, refer page 89. Admission to M. Phil. and Ph. D Programmes will be notified subject to availability of seats.

Department of Mathematical Sciences

The Department offers three Masters programmes: M. Sc Mathematics (spl. Applied Mathematics) M. Sc Mathematics and M. Sc Mathematics (Evening Prog.). All these programmes are of two years duration and comprise 4 Semesters each. The postgraduate programme in M. Sc Mathematics (spl. Applied Mathematics) has been conceived with the aim of developing among students mathematical skills and acumen required in real life problems in the fields of medicine, agriculture, industry, trade, finance etc. It prepares them for jobs in banks, corporate sectors, industry etc. Under pressure from student community of the twin districts of Rajouri and Poonch, the Department initiated postgraduate programme in Mathematics also for two reasons. The first, that the curriculum of such course is more akin to the curriculum students pursue at the undergraduate level and second that it has huge job market locally. It largely prepares manpower for teaching and research.

The first two semesters of all post graduate programmes are common. In the third semester the students split into two streams. The fourth semester is devoted to execution of project work to train students in problem identification and solving.

The Department maintains rich library, raised with liberal funding by the National Board of Higher Mathematics, and a well equipped computer lab.

Course Curriculum

Masters in Mathematics (Regular & Evening)

Semester I

Course Code	Course Title
MS 101	Topology and its Applications
MS 102	Techniques in Differential Equations
MS 103	Real Analysis
MS 104	Applied Numerical Analysis
MS 105	Computer Fundamentals and C-Programming
MS 106	Lab Course on MS 104 and MS 105

Semester II

Course Code	Course Title
MS 201	Numerical Linear Algebra
MS 202	Functional Analysis with Applications
MS 203	Abstract Algebra with Applications
MS 204	Complex Analysis with Applications

Choice Based Open Elective Course (Any one of the following)

IT 202	Soft Skills in Information Technology
Comp 203	Computer Applications & operations
Bio 204	Fundamentals of Biotechnology
Bot 205	Mysteries of Green Plants
Bot 206	Botany in Rural Development
Zol 207	Nutrition, Health & Hygiene
Arab 208	Fundamentas of Arabic Language
Eng 209	Applied English
Edu 210	Higher Education

Masters in Mathematics (Spl. Appl. Maths)

Semester I

Course Code	Course Title
MS 101	Topology and its Applications
MS 102	Techniques in Differential Equations
MS 103	Real Analysis
MS 104	Applied Numerical Analysis
MS 105	Computer Fundamentals and C-Programming
MS 106	Lab Course on MS 104 and MS 105

Semester II

Course Code	Course Title
MS 201	Numerical Linear Algebra
MS 202	Functional Analysis with Applications
MS 203	Abstract Algebra with Applications
MS 204	Complex Analysis with Applications

Choice Based Open Elective Course (Any one of the following)

IT 202	Soft Skills in Information Technology
Comp203	Computer Applications & operations
Bio 204	Fundamentals of Biotechnology
Bot 205	Mysteries of Green Plants
Bot 206	Botany in Rural Development
Zol 207	Nutrition, Health & Hygiene
Arab 208	Fundamentals of Arabic Language
Eng 209	Applied English
Edu 210	Higher Education

Department of Mathematical Sciences

Eco 211	Principles of Banking		Eco 211	Principles of Banking
HT 212	Basics of Tourism & Travel Agencies		HT 212	Basics of Tourism & Travel Agencies
HT 213	Tourism Resources of J&K		HT 213	Tourism Resources of J&K
Mgt 214	Business Communication & Soft Skills		Mgt 214	Business Communication & Soft Skills
Edu 215	Instructional Technology		Edu 215	Instructional Technology

Lab Course

MS 205   Mat Lab.

Lab Course

MS 205   Mat Lab.

Semester III

Course Code	Course Title
MS 301	Advanced Topics in Topology
MS 302	Theory of Operators
MS 303	Calculus in R^n
MS 304	Set Theory

Semester III

Course Code	Course Title
MS 316	Computational methods for ODE and PDE
MS 317	Applied Multivariable Calculus
MS 318	Applied Harmonic Analysis

Lab Course

MS 305   Lab course on LATEX

Lab Course

MS 319   Lab Course on LATEX & MS - 316

Choice based Complementary Electives (Students are required to choose any two of the following courses)

MS 306	Differential Geometry
MS 307	Number Theory
MS 308	Module Theory
MS 309	Commutative Algebra
MS 310	Advanced Complex Analysis
MS 311	Abstract Measure Theory and Integration

Choice based Complementary Electives (Students are required to choose any two of the following courses)

MS 320	Mathematical Finance
MS 321	Graph and Network Theory
MS 322	Modeling and Simulation
MS 323	Applied Probability and Random Processes
MS 324	Mathematical Programming
MS 325	Modeling of Real World Problems by variational Inequalities

Semester IV

Course Code	Course Title
MS 401	Dissertation/ Major Project
MS 402	Technical Communication
MS 403	Lab Course on SPSS

Choice Based Complementary Elective Courses (Students are required to opt any three of the following courses)

MS 404	Complex Dynamics
MS 405	Banach Algebra
MS 406	Advanced Functional Analysis
MS 407	Tensor Analysis and Riemanian Geometry
MS 408	Algebraic Topology
MS 409	Theory of Fields
MS 410	Spaces of Analytic Functions
MS 411	Algebraic Geometry
MS 412	Theory of Relativity

Semester IV

Course Code	Course Title
MS 416	Dissertation/ Major Project
MS 417	Technical Communication
MS 418	Lab Course on SPSS

Choice Based Complementary Elective Courses (Students are required to opt three of the following courses)

MS 419	Wavelets and Applications
MS 420	Mathematics of Insurance
MS 421	Fluid Dynamics
MS 422	Algorithmic optimization
MS 423	Integral Equations and Applications
MS 424	Bio Mathematics
MS 425	Finite Fields and Coding Theory
MS 426	Applied Functional Analysis
MS 427	Dynamical Systems

Department of Mathematical Sciences

Resident Faculty
- Professor M. Asger   **Dean**   M. Sc., M. Tech., Ph. D.
- Dr. Zaheer Abbas   **Head of the Deptt.**   NET, M. Phil., Ph. D.
- Dr. Javid Iqbal   M. Phil., Ph. D.
- Ms. Shruti Gupta   M. Sc. Applied Maths

Guest Faculty
- Prof. Khalil Ahmad   Jamia Milia Islamia
- Prof. S. D. Sharma   Central University, Jammu
- Prof. A. P. Singh   Central University, Rajasthan
- Prof. S. Pirzada   University of Kashmir
- Prof. M. Kalimuddin Ahmad   Aligarh Muslim University
- Prof. Mohd Imdad   Aligarh Muslim University
- Prof. Rais Ahmad Khan   Aligarh Muslim University

Adjunct Faculty
- Prof. Abul Hussan Siddiqi   Sharda University
- Prof. Mursaleen   Aligarh Muslim University

Intake		Masters in Mathematics	Masters in Mathematics (Spl. Appl. Maths)
Regular			
General	:	**30 seats**	**25 seats**
Self Supporting	:	**10 seats**	**05 seats**
Evening Course			
General	:	**30 seats**	---------

Eligibility for Admission to M. Sc. Mathematics (spl. Appl. Maths) & M. Sc. Mathematics (Regular as well as Evening courses)
- Bachelors' degree of 10+2+3 pattern with Mathematics as one of the subjects or any other degree recognized equivalent thereto from any recognized university.
- Candidates appearing in the Final Year Examination of the qualifying degree or those whose result of the same is awaited, can also apply provisionally.

Procedure for Admission to M. Sc. Mathematics (spl. Appl. Maths) & Mathematics (Regular & Evening)
- For admission to M. Sc. Mathematics (Spl. Appl. Maths) & Masters in Mathematics programmes, (Regular as well as Evening), all eligible candidates are required to undergo written Entrance Test which will be conducted at BGSB University Campus, Rajouri and any other Centres if the University so decides.
- Syllabus and Model Question Paper for the Entrance Test will be available on the University website from where these can be downloaded. Admit Card for Entrance Test will be collected by the candidates from the Department, Camp or Regional Offices of the University.
- **Admission will be based on the Combined merit of students in the Entrance Test & the qualifying examination (70:30).**

Department of Mathematical Sciences

Fee Structure Per Semester		Regular	Evening Prog.
1. Admission Fee	:	Rs. 1,250/-	Rs. 1,250/-
2. Tuition Fee			
i. Semester First	:	Rs. 21,000/-	Rs. 17,750/-
ii. Semester Second	:	Rs. 22,000/-	Rs. 18,750/-
iii. Semester Third	:	Rs. 22,000/-	Rs.18,750/-
iv. Semester Fourth	:	Rs. 22,000/-	Rs. 18,750/-
3. Career Counseling & Placement Assistance	:	Rs. 1,000/-	--------------
4. Library Fee	:	Rs. 7,50/-	Rs. 7,50/-
5. Sports Fee	:	Rs. 7,50/-	--------------
6. Science / Computer Lab. Fee	:	Rs. 7,50/-	Rs. 7,50/-
7. Laboratory Maintenance Fee	:	Rs. 7,50/-	Rs. 7,50/-
8. University Development Fund	:	Rs. 7,50/-	Rs. 7,50/-
9. University Corpus Fund	:	Rs. 1,000/-	Rs. 1,000/-
10. One Time Security (Refundable)	:	Rs. 1,000/-	Rs. 1,000/-
11. Self Supporting Fee (One Time)	:	Rs. 1,20,000/-	--------------

M. Phil. and Ph. D

The Department is running M. Phil. and Ph. D Programmes with a view to promote original thinking and creativity among students. Three batches of M.Phil have passed out so far. The procedure for admission and eligibility for admission to these programmes are given at page 89. The Department has also produced Doctoral theses in Applied Mathematics and more are in pipe line.

Physics is the natural science that involves the study of matter and its motion and behavior through space and time, along with related concepts such as energy and time. The boundaries of Physics are not rigidly defined. It intersects many interdisciplinary areas of research, such as biophysics and quantum chemistry. Physics makes significant contributions by advancing new technologies through theoretical breakthroughs. Understanding of electromagnetism and nuclear physics have led to the development of products, such as television, Computers, domestic appliances and nuclear weapons that have dramatically transformed modern-day society. Advances in thermodynamics led to industrialization and advances in mechanics inspired development of calculus.

In recognition of the role Physics has played and is likely to play in taking humankind forward United Nations named 2005 the World Year of Physics.

The University has launched Masters programme in Physics to provide avenues of higher studies in Physics to graduates churned out by colleges spread over the twin districts of Rajouri and Poonch in particular and the country as whole.

Course Curriculum

Semester I

Course Code	Course Title
PHB 101	Classical Mechanics & Relativity
PHB 102	Mathematical Physics
PHB 103	Solid State Physics
PHB 104	Electronics
PHB 105	Crystal Growth Techniques
PHB 111	Lab on General Physics
PHB 112	Lab on Electronics

Semester II

Course Code	Course Title
PHB 201	Quantum Mechanics
PHB 202	Advanced Optics & Laser Technology
PHB 203	Thermodynamics and Statistical Physics
PHB 204	Atomic Physics and Molecular Spectroscopy

Elective -I **(Any one of the following)**

Course Code	Course Title
PHBY01	Materials Science & Characterization
PHBY02	Biophotonics
PHBY03	Thin film Science & Technology

Lab Course

PHB 211	Lab on Advanced General Physics

Semester III

Course Code	Course Title
PHB 301	Digital Electronics & Microprocessors
PHB 302	Electromagnetic theory and electrodynamics
PHB 303	Numerical Methods & Programming

Elective - II **(One of the following)**

Course Code	Course Title
PHBY04	Nonlinear Optics and Materials
PHBY05	Nonlinear Fibre Optics
PHBY06	Nanophotonics

Elective - III **(One of the following)**

Course Code	Course Title
PHBY07	Nanoscience and Technology
PHBY08	Satellite Communication & Remote Sensing
PHBY09	Radiation Physics

Lab course

PHB 311	Lab on Advanced Electronics
PHB 312	Project Work Phase - I

Semester IV

Course Code	Course Title
PHB 401	Measurement & Instrumentation
PHB 402	Nuclear and Particle Physics

Elective - IV

Course Code	Course Title
PHBY10	Choas and Solutions
PHBY11	Signal Processing & Communication
PHBY12	Biomedical Instrumentation

Lab Course

PHB 411	Project Work Phase - II

M.Sc. Physics

Resident Faculty

- Dr. Mohammad Asger   **Dean**   M. Sc., M. Tech., Ph. D.
- Dr. A. H. Shah   Ph. D.
- Mr. Anil Maini   M. Phil.

Intake : 25

General   **20 seats**

Self Supporting   **05 seats**

Eligibility for Admission

- Bachelors' degree (10+2+3 pattern) with Physics as one of the elective subjects.
- Candidates appearing in the final year of the qualifying examination and those whose result of the same is awaited, can also apply and appear in the Entrance Test.

For admission to Masters in Physics programme merit will be calculated by adding marks secured by the candidates in Physics paper in B. Sc Part I, II and III Exams. to their total marks in the Bachelor's degree examination.

Fee Structure Per Semester

1.	Admission Fee	:	Rs. 1,250/-
2.	Tuition Fee		
	i. Semester First	:	Rs. 21,000/-
	Ii. Semester Second	:	Rs. 22,000/-
	iii. Semester Third	:	Rs. 22,000/-
	iv. Semester Fourth	:	Rs. 22,000/-
3.	Career Counseling & Placement Assistance	:	Rs. 1,000/-
4.	Library Fee	:	Rs. 7,50/-
5.	Sports Fee	:	Rs. 7,50/-
6.	Science / Computer Lab. Fee	:	Rs. 7,50/-
7.	Laboratory Maintenance Fee	:	Rs. 7,50/-
8.	University Development Fund	:	Rs. 7,50/-
9.	University Corpus Fund	:	Rs. 1,000/-
10.	One Time Security (Refundable)	:	Rs. 1,000/-
11.	Self Supporting Fee (One Time)	:	Rs. 1,50,000/-

School of Engineering & Technology

University Polytechnic
- **Department of Civil Engineering**
- **Department of Electrical Engineering**
- **Department o Mechanical Engineering**
- **Department of Electronics & Communication**

B. Tech Programmes
- **Department of Civil Engineering**
- **Department of Computer Engineering**
- **Department of Electronics & Communication Engineering**
- **Department of Electrical & Renewable Energy Engineering**
- **Department of Information Technology Engineering**

University Polytechnic

The University has unique distinction of having established the first Centrally funded Polytechnic in collaboration with the J&K State Government. The need of Polytechnic was felt on account of non-availability of any such institute in the region at that time which could meet the great market demand for skilled lower level-end engineers. Many young school passouts who do not have the means or aptitude to pursue higher studies run from pillar to post in search of vocational training to acquire some skill for making a living. The skilled work force that the University Polytechnic is generating is meeting this demand.

The Polytechnic imparts technical education through Diploma courses in :

- Civil Engineering
- Electrical Engineering
- Mechanical Engineering
- Electronics & Communication

Each Diploma course is 3 years, 6 Semesters programme during which training is provided through classroom lectures, laboratory work and workshop practice. Hands-on training is imparted to students during Summer training and execution of project work during the last two semesters.

Course Curriculum for Diploma Engineering

The Curriculum of first two Semesters is mostly common to all four Streams. Diversification starts in Semester III

Course Curriculum

Semester I		Semester II	
Course Code	**Course Title**	**Course Code**	**Course Title**
ECE/CE/ME/EE 101	English & Communication skill - I	ECE/CE/ME/EE 201	English /Communication Skill-II
ECE/CE/ME/EE 102	Applied Mathematics - I	ECE/CE/ME/EE 202	Applied Mathematics - II
ECE/CE/ME/EE 103	Applied Physics - I	ECE/CE/ME/EE 203	Applied Physics - II
ECE/CE/ME/EE 104	Fundamentals of Electrical Engineering /App. Chemistry	ECE/CE/ME/EE 204	Basic Electronics
		ECE/CE/ME/EE 205	Electronic Components & Materials
ECE/CE/ME/EE 105	Engineering Drawing I	ECE/CE/ME/EE 206	Computer Programming & Applications
Lab. Courses		**Lab. Courses**	
ECE/CE/ME/EE 111	English & Communication Skill- I	ECE/CE/ME/EE 211	English/Communication Skill II
ECE/CE/ME/EE 112	Applied Physics - I	ECE/CE/ME/EE 212	Applied Physics - II
ECE/CE/ME/EE 113	Fundamentals of Electrical Engineering /App. Chemistry	ECE/CE/ME/EE 213	Basic Electronics
		ECE/CE/ME/EE 214	Computer Programming & Applications
ECE/CE/ME/EE 114	Basic Information Technology	ECE/CE/ME/EE 215	Electronic Components & Materials
ECE/CE/ME/EE 115	Engineering Drawing - I	ECE/CE/ME/EE 216	General Workshop Practice-II
ECE/CE/ME/EE 116	General Workshop Practice-I		

Civil Engineering

Semester III

Course Code	Course Title
CE 301	Fluid Mechanics
CE 302	General Engineering
CE 303	Surveying - I
CE 304	Construction Materials
CE 305	Building Construction

Lab. Courses

CE 311	Fluid Mechanics
CE 312	General Engineering
CE 313	Surveying - I
CE 314	Construction Materials
CE 315	Building Drawing

Semester IV

Course Code	Course Title
CE 401	Concrete Technology
CE 402	Water supply and Waste water Engineering
CE 403	Soil and foundation Engineering
CE 404	Surveying - II
CE 405	Strength of Material

Lab. Courses

CE 411	Concrete Technology
CE 412	Water supply and Waste water Engineering
CE 413	Soil and foundation Engineering
CE 414	Surveying - II
CE 415	Structural Mechanics
CE 416	Public Health Engineering Drawing

Semester V

Course Code	Course Title
CE 501	RCC Design and Drawing
CE 502	Highway Engineering
CE 503	Railway, Bridges and Tunnels
CE 504	Irrigation Engineering and Drawing
CE 505	Quantity Surveying

Lab. Courses

CE 511	RCC Design and Drawing
CE 512	Highway Engineering
CE 513	Survey camp (2 weeks)
CE 514	Minor Project Work
CE 515	Irrigation Engineering and Drawing

Semester VI

Course Code	Course Title
CE 601	Steel and Timber Structure Design & Drawing
CE 602	Earthquake resistant Building Construction
CE 603	Construction Management
CE 604	Rural Construction Technology
CE 605	Entrepreneurship Development & Management

Lab. Courses

CE 611	Steel and Timber Structure Design And drawing
CE 612	Computer Application in Civil Engineering - I
CE 613	Project Work

Electrical Engineering

Semester III

Course Code	Course Title
EE 301	Analog Electronics - I
EE 302	General Engineering
EE 303	Non-Conventional Energy Sources
EE 304	Electrical Measurements and Instrumentation
EE 305	Electrical and Electronics Engineering Materials

Lab. Courses

EE 311	Analog Electronics - I
EE 312	General Engineering
EE 313	Electrical Measurements and Instrumentation
EE 314	Electrical Engineering Design and Drawing
EE 315	Electrical and Electronics Workshop Practice - I

Semester IV

Course Code	Course Title
EE 401	Electrical Machines - I
EE 402	Analog Electronics - II
EE 403	Solar and Wind Energy
EE 404	Estimating and costing in Electrical Engineering
EE 405	Computer Programming and Application

Electrical Engineering

Lab. courses

EE 411	Electrical Machines - I
EE 412	Analog Electronics - II
EE 413	Electrical Engineering Design and Drawing - II
EE 414	Electrical and Electronics Workshop Practice - II
EE 415	Computer Programming and Application

Semester V

Course Code	Course Title
EE 501	Electrical Mechanics - II
EE 502	Electrical power - I
EE 503	Power Electronics
EE 504	Digital Electronics and Microprocessors
EE 505	Utilization of Electric Energy

Lab. Courses

EE 511	Electrical Mechanics - II
EE 512	Power Electronics
EE 513	Digital Electronics and Microprocessors
EE 514	Minor Project
EE 515	Micro-Controllers & PLC

Semester VI

Course Code	Course Title
EE 601	Control of Electric Mechanics
EE 602	Installation and Maintenance of Electrical Equipment
EE 603	Electrical Power - II
EE 604	Energy Management
EE 605	Entrepreneurship Development and Management

Lab. Courses

EE 611	Control of Electric Mechanics
EE 612	Electrical Power - II
EE 613	Major Project

Mechanical Engineering

Semester III

Course Code	Course Title
ME 301	Fluid Mechanics
ME 302	General Engineering
ME 303	Strength of Materials
ME 304	Fundamentals of Thermal Engineering
ME 305	Manufacturing Processes and Practice - I

Lab. Courses

ME 311	Fluid Mechanics
ME 312	General Engineering
ME 313	Strength of Materials

Semester IV

Course Code	Course Title
ME 401	Material Science
ME 402	Manufacturing Processes and Practice - II
ME 403	Applied Thermodynamics
ME 404	Hydraulic and Hydraulic Machine
ME 405	Metrology and quality Control

Lab. Courses

ME 411	Computer Aided Drafting and Drawing
ME 412	Material Science
ME 413	Manufacturing Processes & Practice - II
ME 414	Applied Thermodynamics
ME 415	Hydraulic and Hydraulic Machine
ME 416	Metrology and quality Control

Semester V

Course Code	Course Title
ME 501	Machine Design
ME 502	Refrigeration and Air Conditioning
ME 503	Manufacturing Processes and Practice - III
ME 504	Industrial Automation
ME 505	Production Management

Lab. Courses

ME 511	Machine Design
ME 512	Refrigeration and Air Conditioning
ME 513	Industrial Automation
ME 514	Production Management
ME 515	Industrial Training (4 weeks after 4th semester)

Semester VI

Course Code	Course Title
ME 601	CNC Machines
ME 602	Automobile Engineering

ME 603	Maintenance Engineering	
ME 604	Theory of machines	
ME 605	Entrepreneurship Development & Management	

Lab Courses

ME 611	CNC Machines
ME 612	Automobile Engineering
ME 613	Project WorkME-314 Machine Drawing

Electronics & Communication Engineering

Semester III

Course Code	Course Title
ECE 301	Electronic Devices and Circuits
ECE 302	General Engineering
ECE 303	Electronic Instruments and Measurements
ECE 304	Principles of Communications Engineering
ECE 305	Digital Electronics

Lab. Courses

ECE 311	Electronic Devices and Circuits
ECE 312	General Engineering
ECE 313	Electronic Instruments and Measurements
ECE 314	Principles of Communications Engineering
ECE 315	Digital Electronics

Semester IV

Course Code	Course Title
ECE 401	Electrical Machines
ECE 402	Advance Communication
ECE 403	Network filters & Transmission lines
ECE 404	Microprocessors & Applications
ECE 405	Computer Programming & Application

Lab. Courses

ECE 411	Electrical Machines
ECE 412	Advance Communication
ECE 413	Network filters & Transmission lines
ECE 414	Microprocessors & Applications
ECE 415	Computer Programming & Application

Semester V

Course Code	Course Title
ECE 501	Microwave and Radar Engineering
ECE 502	Power Electronics
ECE 503	Advanced Microprocessors
ECE 504	Consumer Electronics
ECE 505	Computer Organisation & Networking

Lab. Courses

ECE 511	Microwave and Radar Engineering
ECE 512	Power Electronics
ECE 513	Advanced Microprocessors
ECE 514	Consumer Electronics
ECE 515	Trouble Shooting of Electronic Equipment
ECE 516	Computer Organizations & Networking (2 Weeks Industrial Training)

Semester VI

Course Code	Course Title
ECE 601	Mobile Communications
ECE 602	Micro Controllers and Embedded Systems
ECE 603	Digital Signal processing
ECE 604	Digital Systems Design
ECE 605	Entrepreneurship Development & Management

Lab. Courses

ECE 611	Mobile Communications
ECE 612	Micro Controllers and Embedded Systems
ECE 613	Digital Signal processing
ECE 614	Project Work

University Polytechnic

Resident Faculty

Principal
Col. K. K. Dogra

Civil Engineering

Mr. Showkat Maqbool

Mr. Atif Mehmood

Mr. Azeem Javed

Mechanical Engineering

Mr. Mohd Imtiaz

Mr. Farooq Ahmed

Applied Sciences

Ms. Rafia Khatoon

Electrical Engineering

Mr. Mohd Rafiq

Mr. Shivinder Mehta

Ms. Harpreet Kour

Mr. Javid Iqbal

Mr. Anil Mani

Ms. Mavish Bhatt

Ms. Nazia Mirza

Electronics & Communication Engineering

Mr. Akhil Mahajan

Mr. Amit Dusgotra

Mr. Gurdeep Singh

Ms. Aparna Sharma

Intake in each stream : 30

General	:	**20 seats**
Self Supporting	:	**10 seats**

Eligibility for Admission

- Secondary School (Matriculation) Certificate from any recognized Board of School Education.
- Candidates appearing in the qualifying examination and those whose result of the same is awaited can also apply and appear in the Entrance test provisionally.

Procedure for Admission

- Admission to Diploma Engineering courses shall be made on the basis of Merit in the qualifying examination.

University Polytechnic

Fee Structure Per Semester

1.	Admission Fee		:	Rs. 1,250/-
2.	Tuition Fee			
	i.	Semester First	:	Rs. 22,000/-
	ii.	Semester Second	:	Rs. 23,000/-
	iii.	Semester Third	:	Rs. 23,000/-
	iv.	Semester Fourth	:	Rs. 23,000/-
	v.	Semester Fifth	:	Rs. 23,000/-
	vi.	Semester Sixth	:	Rs. 23,000/-
3.	Career Counseling & Placement Assistance		:	Rs. 1,000/-
4.	Library Fee		:	Rs. 7,50/-
5.	Sports Fee		:	Rs. 7,50/-
6.	Science / Computer Lab. Fee		:	Rs. 7,50/-
7.	Laboratory Maintenance Fee		:	Rs. 7,50/-
8.	University Development Fund		:	Rs. 7,50/-
9.	University Corpus Fund		:	Rs. 1,000/-
10.	One Time Security (Refundable)		:	Rs. 1,000/-
11.	Self Supporting Fee (One Time)			
	i.	Diploma CE	:	Rs. 1,50,000/-
	ii.	Diploma EREE	:	Rs. 90,000/-
	iii.	Diploma ME	:	Rs. 90,000/-
	iv.	Diploma ECE	:	Rs. 90,000/-

B. Tech Programme

The University trains young men and women for careers in engineering. It offers learning environment to nurture talent and endeavors to promote innovation and develop professionalism in students. The School comprises five Engineering departments which are listed below. All these are striving to become Centres of excellence by initiating research and promoting consultancy services.

- Department of Civil Engineering
- Department of Computer Engineering
- Department of Electronics & Communication Engineering
- Department of Electrical and Renewable Energy Engineering
- Department of Information Technology Engineering

The B. Tech programmes of the University aim at taking advantage of the technology boom for which they generate trained manpower that will have ready job market. The purposefully employed young men and women will usher in economic transformation in the state. All B. Tech. programmes are approved by the All India Council of Technical Education (AICTE).

Besides the amenities available to all University students, in general the College offers some extra amenities to its students which include:

School Library: The library has a large collection of engineering books, journals and newspapers. A separate Book Bank has been established which provides prescribed text books to all students, those of the socially disadvantaged classes in particular.

Hi -Tech. Class rooms and Labs: Class rooms have latest infrastructure such as digital devices, OHP, etc. required for presentations. All laboratories are fully equipped for carrying out prescribed lab. work. The laboratories are modernized and at par with the expectations of the industry.

Industrial Relations: In order to focus on interaction with industry an exclusive cell, called the Industry Institute Partnership Cell, has been set up which is the focal point of sustained relationship with industry for:

- consultancy programmes,
- industry specific training programmes,
- mentorship programme for students by Industry experts, and
- guest lectures and industrial visits.

Career Counseling & Placement Cell: The College has a separate Training & Placement Cell that helps students to achieve their goals. The Cell functions in tandem with the Centre for Enhancement of Employability Skills of the University.

Department of Civil Engineering

Semester I

Course Code	Course Title
CE 121	Fundamentals of Mechanical Engg.
CE 122	Mathematics -I
CE 123	Computer Fundamentals
CE 124	Basic Electrical Engineering
CE 125	Engineering Physics
CE 126	Engg. Chemistry & Env. Sc.

Lab. Courses	Course Title
CE 131	Computer Fundamentals
CE 132	Basic Electrical Engineering
CE 133	Engineering Physics
CE 134	Engg. Chemistry & Env. Sc.

Semester II

Course Code	Course Title
CE 221	Communication Skills
CE 222	Mathematics -II
CE 223	C Programming
CE 224	Basic Electronics
CE 225	Engineering Mechanics
CE 226	Engineering Drawing

Lab. Courses	
CE 231	C Programming
CE 232	Basic Electronics
CE 233	Engineering Mechanics
CE 234	Workshop Practice

Semester III

Course Code	Course Title
CE 321	Mathematics-III
CE 322	Structural Analysis-I
CE 323	Hydraulics-I
CE 324	Surveying-I
CE 325	Building Material & Const.
CE 326	Entrepreneurship Dev. & Mgmt.

Lab. Courses	Course Title
CE 331	Structural Analysis-I
CE 332	Hydraulics-I
CE 333	Surveying-I

Semester IV

Course Code	Course Title
CE 421	Mathematics-IV
CE 422	Structural Analysis-II
CE 423	Hydraulics-II
CE 424	Surveying-II
CE 425	Construction Technology & Mgmt.
CE 426	Building Drawing

Lab. Courses	Course Title
CE 431	Structural Analysis-II
CE 432	Hydraulics-II
CE 433	Surveying-II

Semester V

Course Code	Course Title
CE 521	Estimating & Costing
CE 522	Structural Analysis-III
CE 523	Design of Structures - I
CE 524	Geotechnical Engineering -I
CE 525	Concrete Technology
CE 526	Environmental Engg-I

Lab. Courses	Course Title
CE 531	Geotechnical Engineering -I
CE 532	Concrete Technology
CE 533	Environmental Engg-I

Semester VI

Course Code	Course Title
CE 621	Transportation Engineering-I
CE 622	Water Resources Engg.
CE 623	Design of Structures - II
CE 624	Geotechnical Engineering -II
CE 625	Geology & Earthquake Engg.
CE 626	Environmental Engg-II

Lab. Courses	Course Title
CE 631	Transportation Engineering-I
CE 632	Geotechnical Engineering -II
CE 633	Survey Camp

Semester VII

Course Code	Course Title
CE 721	Transportation Engineering-II
CE 722	Irrigation & Flood Control
CE 723	Design of Structures - III
CE 724	Major Project - I

Elective I	(Any one of the following)
CE 741	Rock Mechanics
CE 742	Adv. Geotechnical Engineering
CE 743	Tunnel Engineering
CE 744	Rural Construction Technology
CE 745	Environmental Assessment & Modelling

Elective II	(Any one of the following)		Elective III	(Any one of the following)
CE 746	Applied Hydrology		CE 841	Architecture & Town planning
CE 747	Design of Hydraulic Structures		CE 842	Earthquake Resistant Designs
CE 748	Remote Sensing & GIS		CE 843	Bridge Engineering
CE 749	Disaster Management		CE 844	Soil Chemistry
CE 750	Maintenance Engineering		CE 845	Tall Buildings

Lab. Courses			Elective IV	(Any one of the following)
CE 731	Industrial Training		CE 846	Hydro-Power Engineering
CE 732	Seminar		CE 847	Ground Water Hydrology
CE 733	STAAD Pro		CE 848	Optimization in Civil Engineering
			CE 849	Industrial Structures

Semester VIII

Course Code	Course Title		CE 850	Prefabricated structures
CE 821	Major Project- II			

Department of Computer Engineering

Semester I

Course Code	Course Title
CSE 121	Communication Skills
CSE 122	Mathematics -I
CSE 123	Computer Fundamentals
CSE 124	Basic Electronics
CSE 125	Engineering Mechanics
CSE 126	Engineering Drawing

Lab. Courses

CSE 131	Computer Fundamentals
CSE 132	Basic Electronics
CSE 133	Engineering Mechanics
CSE 134	Workshop Practice

Semester II

Course Code	Course Title
CSE 221	Fundamentals of Mech. Engg
CSE 222	Mathematics -II
CSE 223	C Programming
CSE 224	Basic Electrical Engineering
CSE 225	Engineering Physics
CSE 226	Engineering Chemistry & Env. Sciences

Lab. Courses

CSE 231	C Programming
CSE 232	Basic Electrical Engineering
CSE 233	Engineering Physics
CSE 234	Engineering Chemistry & Env. Sci.

Semester III

Course Code	Course Title
CSE 321	Mathematics-III
CSE 322	Data Structures with C
CSE 323	Object Oriented Programming
CSE 324	Signals & Systems
CSE 325	Digital Electronics
CSE 326	Database Management System

Lab. Courses

CSE 331	Data Structures with C
CSE 332	Digital Electronics
CSE 333	Database Management System

Semester IV

Course Code	Course Title
CSE 421	Mathematics-IV
CSE 422	Microprocessor & Interfacing
CSE 423	Software Engineering
CSE 424	Operating Systems
CSE 425	Data Commn. & Computer Networks
CSE 426	Computer Graphics

Lab. Courses

CSE 431	Microprocessor & Interfacing
CSE 432	Computer Graphics
CSE 433	Object Oriented Programming

Semester V

Course Code	Course Title
CSE 521	Discrete Mathematics
CSE 522	Visual Programming
CSE 523	Principles of Programming Languages
CSE 524	Communication Systems
CSE 525	UNIX/LINUX & Shell Programming
CSE 526	Computer Organization & Arch.

Lab. Courses

CSE 531	Visual Programming
CSE 532	Communication Systems
CSE 533	UNIX/LINUX & Shell Programming

Semester VI

Course Code	Course Title
CSE 621	Theory of Automata
CSE 622	Cryptography & Network Security
CSE 623	Java Programming
CSE 624	Design & Analysis of Algorithms
CSE 625	Management Information Systems
CSE 626	Internet & Web Technology

Lab. Courses

CSE 631	Java Programming
CSE 632	Internet & Web Technology
CSE 633	Minor Project

Semester VII

Course Code	Course Title
CSE 721	Fundamentals of Digital Image Processing
CSE 722	Entrepreneurship Development & Management
CSE 723	Computer Based Numerical Techniques
CSE 724	Major Project - Phase- I

Electives I & II (Any two of the following)

CSE 741	Distributed Computing
CSE 742	Grid Computing
CSE 743	Advanced Computer Architecture
CSE 744	Compiler Design
CSE 745	Pattern Recognition
CSE 746	Expert Systems
CSE 747	Distributed Database Systems
CSE 748	Neural Networks
CSE 749	Display System Engineering
CSE 750	Optical Communication
CSE 751	Advanced Java
CSE 752	.Net Technologies

Lab. Courses

CSE 731	Fundamentals of Digital Image Processing
CSE 732	Computer Based Numerical Techniques
CSE 733	Industrial Training

Semester VIII

Course Code	Course Title
CSE 821	Major Project Phase-II

Electives III & IV (Any two of the following)

CSE 831	Embedded Systems
CSE 832	Artificial Intelligence
CSE833	Advanced Microprocessors & Microcontrollers
CSE 834	Bio-Informatics
CSE 835	Data Mining & Data Warehousing
CSE 836	Multimedia
CSE 837	Wireless Networks
CSE 838	Disaster Management
CSE 839	Real Time Operating Systems
CSE 840	Principles of Marketing & Management
CSE 841	Cloud Computing
CSE 842	System Software

Department of Electronics & Communication Engineering

Semester I

Course Code	Course Title
ECE 121	Communication Skills
ECE 122	Mathematics -I
ECE 123	Computer Fundamentals
ECE 124	Basic Electronics
ECE 125	Engineering Mechanics
ECE 126	Engineering Drawing

Lab. Courses

ECE 131	Computer Fundamentals
ECE 132	Basic Electronics
ECE 133	Engineering Mechanics
ECE 134	Workshop Practice

Semester II

Course Code	Course Title
ECE 221	Fundamentals of Mech. Engg
ECE 222	Mathematics -II
ECE 223	C Programming
ECE 224	Basic Electrical Engineering
ECE 225	Engineering Physics
ECE 226	Engineering Chemistry & Env. Sc.

Lab. Courses

ECE 231	C Programming
ECE 232	Basic Electrical Engineering
ECE 233	Engineering Physics
ECE 234	Engineering Chemistry & Env. Sc.

Semester III

Course Code	Course Title
ECE 321	Mathematics-III

ECE 322	EM Wave Theory
ECE 323	Solid State Electronic Devices
ECE 324	Signals & Systems
ECE 325	Digital Electronics
ECE 326	Advanced Electronic Circuits

Lab. Courses

ECE 331	MATLAB Programming
ECE 332	Digital Electronics
ECE 333	Advanced Electronic Circuits

Semester IV

Course Code	Course Title
ECE 421	Mathematics-IV
ECE 422	Network Analysis & Synthesis
ECE 423	Analog Communication System
ECE 424	Linear Integrated Circuits
ECE 425	Antenna & Wave Propagation
ECE 426	Elec. Measurements & Instrument

Lab. Courses

ECE 431	EM & I / NWA & S
ECE 432	Analog Communication Systems
ECE 433	Linear Integrated Circuits

Semester V

Course Code	Course Title
ECE 521	Mobile & Wireless Communication
ECE 522	Microprocessor & Interfacing
ECE 523	Pulse & Switching Circuits
ECE 524	Digital Com. Systems
ECE 525	Linear Control Systems
ECE 526	Electrical Machines

Lab. Courses

ECE 531	Digital Com. Systems
ECE 532	Microprocessor & Interfacing
ECE 533	Electrical Machines

Semester VI

Course Code	Course Title
ECE 621	Power Electronics
ECE 622	Electronic Multimedia Engg.
ECE 623	Digital Signal Processing
ECE 624	Data Commn. & Comp. Nws
ECE 625	Random Processes & Information Theory
ECE 626	Adv. Microprocessor and Microcontrollers

Lab. Courses

| ECE 631 | Power Electronics |

| ECE 632 | Digital Signal Processing |
| ECE 633 | Adv. Microprocessor and Microcontrollers |

Semester VII

Course Code	Course Title
ECE 721	RF & Microwave Engineering
ECE 722	Optical Communication
ECE 723	ED & Management
ECE 726	Major Project Phase -I

Electives I **(Any one of the following)**

ECE 741	Biomedical Instrumentation
ECE 742	Advanced Control Engineering
ECE 743	Electronics Workshop Technology
ECE 744	Industrial Technology
ECE 745	Embedded Systems

Electives II **(Any one of the following)**

ECE 751	Non-conventional Energy Sources
ECE 752	Power Systems
ECE 753	VLSI Design
ECE 754	Radar Engineering
ECE 755	Neural Networks

Lab. Courses

ECE 731	Microwave Engg. / Optical Communication
ECE 732	PCB and VLSI
ECE 733	Industrial Training /Seminar

Semester VIII

Course Code	Course Title
ECE 821	Major Project

Electives III **(Any one of the following)**

ECE 841	Analog Mixed Signal Design
ECE 842	Nano-Technology
ECE 843	Adv. 3G and 4G Wireless Mobile Communication
ECE 844	Optical Networks
ECE 845	RF IC Design
ECE 846	Real Time Operating Systems

Electives IV **(Any one of the following)**

ECE 851	Device Modeling for Circuit Simulations
ECE 852	Satellite Communication
ECE 853	Advanced Communication System
ECE 854	Digital Image Processing
ECE 855	Optoelectronic Devices
ECE 856	PLCs and SCADA

Department of Electrical and Renewable Energy Engineering

Semester I

Course Code	Course Title
EREE 121	Fundamentals of Mech. Engg.
EREE 122	Mathematics -I
EREE 123	Computer Fundamentals
EREE 124	Basic Electrical Engineering
EREE 125	Engineering Physics
EREE 126	Engineering Chemistry & Env. Sc.

Lab. Courses

EREE 131	Computer Fundamentals
EREE 132	Basic Electrical Engineering
EREE 133	Engineering Physics
EREE 134	Engineering Chemistry & Env. Sc.

Semester II

Course Code	Course Title
EREE 221	Communication Skills
EREE 222	Mathematics -II
EREE 223	C Programming
EREE 224	Basic Electronics
EREE 225	Engineering Mechanics
EREE 226	Engineering Drawing

Lab. Courses

EREE 231	C Programming
EREE 232	Basic Electronics
EREE 233	Engineering Mechanics
EREE 234	Workshop Practice

Semester III

Course Code	Course Title
EREE 321	Mathematics-III
EREE 322	EM Wave Theory
EREE 323	Electrical Machines- I
EREE 324	Signals & Systems
EREE 325	Digital Electronics
EREE 326	Applied Electronics

Lab. Courses

EREE 331	Electrical Machines- I
EREE 332	Digital Electronics
EREE 333	Applied Electronics

Semester IV

Course Code	Course Title
EREE 421	Mathematics-IV
EREE 422	Network Analysis & Synthesis
EREE 423	Engineering Material Science
EREE 424	Power System - I
EREE 425	Electrical Machines -II
EREE 426	Electrical Measurements - I

Lab. Courses

EREE 431	Network Analysis & Synthesis
EREE 432	Electrical Machines -II
EREE 433	Electrical Measurements - I

Semester V

Course Code	Course Title
EREE 521	Power System-II
EREE 522	Microprocessor & Interfacing
EREE 523	Control System -I
EREE 524	Communication Systems
EREE 525	Power Engineering
EREE 526	Design of Power Apparatus

Lab. Courses

EREE 531	Power System
EREE 532	Microprocessor & Interfacing
EREE 533	Control System -I

Semester VI

Course Code	Course Title
EREE 621	Power Electronics
EREE 622	Electrical Measurement - II.
EREE 623	Power System Stability
EREE 624	Energy Audit & Management
EREE 625	Renewable Energy Sources
EREE 626	Control System -II

Lab. Courses

EREE 631	Power Electronics
EREE 632	MATLAB
EREE 633	Renewable Energy Sources

Semester VII

Course Code	Course Title
EREE 721	Power System Protection
EREE 722	Electrical Drives
EREE 723	ED & Management
EREE 724	Major Project - Phase- I

Electives I & II **(Any two of the following)**

EREE 741	Electric Substation Design
EREE 742	High Voltage Engineering
EREE 743	Virtual Instrumentation
EREE 744	Digital Signal Processing
EREE 745	Power System Transients

EREE 746	Display System Engineering
EREE 747	Embedded Systems
EREE 748	Artificial Intelligence
EREE 749	VLSI Design
EREE 750	Simulation & Modeling
EREE 751	Industrial Electronics
EREE 752	Disaster Management

Lab. Courses

EREE 731	Power System Protection
EREE 732	Seminar
EREE 733	Industrial Training

Semester VIII

Course Code	Course Title
EREE 821	Major Project Phase-II

Electives III & IV(Any two of the following)

EREE 831	EHV AC & DC Transmission
EREE 832	Microcontroller & Interfacing
EREE 833	Process Control System
EREE 834	Restructuring of Power System
EREE 835	Biomedical Instrumentation
EREE 836	Electronic Workshop Technology
EREE 837	Energy Economics & Planning
EREE 838	Solar Passive Architecture
EREE 839	Wireless Networks
EREE 840	Principles of Marketing & Management
EREE 841	Random Process & Information Theory
EREE 842	Neural Networks and Fuzzy Systems

Department of Information Technology Engineering

Semester I

Course Code	Course Title
IT 121	Communication Skills
IT 122	Mathematics- I
IT 123	Computer Fundamentals
IT 124	Basic Electronics
IT 125	Engineering Mechanics
IT 126	Engineering Drawing

Lab. Courses

IT 131	Computer Fundamentals
IT 132	Basic Electronics
IT 133	Engineering Mechanics
IT 134	Workshop Practice

Semester II

Course Code	Course Title
IT 221	Fundamentals of Mech. Engg.
IT 222	Mathematics II
IT 223	C Programming
IT 224	Basic Electrical Engineering
IT 225	Engineering Physics
IT 226	Engg. Chemistry & Environmental Sciences

Lab. Courses

IT 231	C Programming
IT 232	Basic Electrical Engineering
IT 233	Engineering Physics
IT 234	Engg. Chemistry & Env. Sciences

Semester III

Course Code	Course Title
IT 321	Mathematics - III
IT 322	Data Structures Using C
IT 323	Object Oriented Programming
IT 324	Signals & Systems
IT 325	Digital Electronics
IT 326	Operating Systems

Lab. Courses

IT 331	Data Structures Using C
IT 332	Digital Electronics
IT 333	Object Oriented Programming

Semester IV

Course Code	Course Title
IT 421	Mathematics - IV
IT 422	Microprocessor & Interfacing
IT 423	Analog Communication System
IT 424	Database Management System
IT 425	Design & Analysis of Algorithms
IT 426	Principles of Marketing & Management

Lab. Courses

IT 431	Microprocessor & Interfacing
IT 432	Analog Communication System
IT 433	Database Management System

Semester V

Course Code	Course Title
IT 521	Theory of Automata

IT 522	Visual Programming
IT 523	Software Engineering
IT 524	Digital Communication System
IT 525	Computer Graphics & Multimedia
IT 526	Computer Organization & Architecture

Lab. Courses

IT 531	Visual Programming
IT 532	Digital Communication System
IT 533	Computer Graphics & Multimedia

Semester VI

Course Code	Course Title
IT 621	Cryptography & Network Security
IT 622	Mobile & Wireless Communication
IT 623	Java Programming
IT 624	Data Communication & Computer Networks
IT 625	Management Information Systems
IT 626	Internet & Web Technology

Lab. Courses

IT 631	Java Programming
IT 632	Internet & Web Technology
IT 633	Mini Project

Semester VII

Course Code	Course Title
IT 721	UNIX/LINUX & Shell Programming
IT 722	Entrepreneurship Development & Management
IT 723	Computer Based Numerical Techniques using C
IT 724	Major Project Phase -I

Elective-I & II (Any two of the following)

IT 741	Advanced Java
IT 742	Fundamentals of Digital Image Processing
IT 743	.NET Technologies
IT 744	System Software
IT 745	Distributed Computing
IT 746	Artificial Intelligence
IT 747	Data mining and Data Warehousing
IT 748	Simulation & Modeling
IT 749	Real Time Operating System
IT 750	Advanced Computer Architecture
IT 751	Optical Communication
IT 752	Compiler Design

Lab. Courses

IT 731	UNIX/LINUX & Shell Programming
IT 732	Computer Based Numerical Techniques using C
IT 733	Industrial Training

Semester VIII

Course Code	Course Title
IT 821	Major Project - Phase-II

Elective III & IV (Any two of the following)

IT 841	Grid Computing
IT 842	Distributed Databases
IT 843	Disaster Management
IT 844	Cloud Computing
IT 845	Pattern Recognition
IT 846	Neural Networks
IT 847	Bio Informatics
IT 848	Wireless Networks
IT 849	Embedded Systems
IT 850	Expert Systems
IT 851	Advanced Microprocessors & Microcontrollers
IT 852	Multimedia
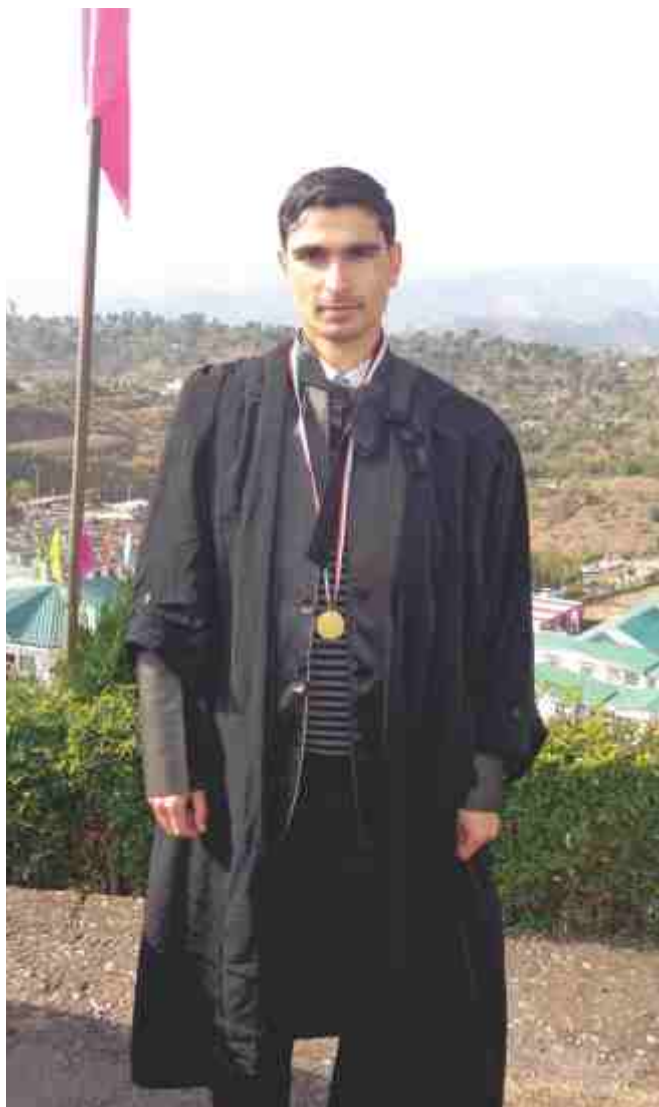
School of Engineering & Technology

Resident Faculty
- Prof. Mohammad Asger   **Dean**   M. Sc., M. Tech., Ph. D.

Civil Engineering
- Mr. Vaseem Ahmed   **Head of the Department**   M.Tech.
- Mr. Mir Aijaz Ahmed   B. Tech.
- Mr. Pervez Aslam   M. Tech.
- Mr. Zishan Aslam   M. Tech.
- Mr. Nasir Rather   M. Tech
- Mr. Ameer ullah Ganai   M. Tech
- Ms. Humaria Gulshan   M. Tech.
- Mr. Ramandeep Singh   M. Tech.

Applied Sciences
- Mr. Anil Maini   M. Phil.
- Dr. Ram Singh   Ph. D.
- Mr. Vishal Sharma   M. Phil.
- Mr. Naveen Sharma   M. Phil.
- Mr. Tanveer Ahmed   M. Sc.
- Mr. Mohd. Arif   M. Sc.
- Mr. Asif Choudhary   B. Tech.
- Dr. Ashiq Hussain   Ph. D

Electronics & Communication Engineering
- Mr. Vishal Puri   **Head of the Department**   M. Tech
- Mr. Mehmood-ul-Hassan   B. Tech
- Mr. Haider Mehraj   M. Tech
- Mr. Arshad Bhat   M. Tech
- Dr. M. Nizamuddin   Ph. D
- Mr. Junaid Farooq   M. Tech
- Ms. Farkhanda Ana   M. Tech
- Mr. Mohd Abas Malik   M. Tech
- Ms. Nisha Gupta   M. Tech
- Mr. Manik Groach   M. Tech
- Ms. Shaveta Puri   M. Tech
- Ms. Needha Lone   M. Tech

Electrical & Renewable Energy Engineering
- Mr. Shafqat Nabi Mughal   **Head of the Department**   M. Tech
- Mr. Tussadaq Hussain   M. Tech
- Mr. Qamar ul Islam   M. Tech
- Mr. Muzzafer Hussain   M. Tech

School of Engineering & Technology

- Mr. Farhad Ilahi Bakshi   M. Tech
- Mr. Ahmed Riyaz   M. Tech
- Mr. Vinod Puri   M. Tech
- Ms. Ankita Runani   M. Tech
- Mr. Yassar Arafat   M. Tech
- Mr. Neetan Sharma   M. Tech
- Mr. Malik Younis   M. Tech

Computer Engineering

- Mr. Khalil Ahmed   **Head of the Department**   B. E.
- Mr. Amit Dogra   M. Tech
- Ms. Rukshana Thaker   M. Tech
- Ms. Pooja Gupta   M. Tech
- Ms. Yusera Farooq   M. Tech
- Ms. Jasleen Kour   M. Tech
- Mr. Taseem Nazir   M. Tech

Information Technology

- Mr. Malik Mubashir Hassan   **Head of the Department**   M. Tech
- Mr. Nikhil Gupta   B. E.
- Mr. Rakesh Singh Sambyal   M. Tech
- Mr. Manmeet Singh   M. Tech
- Mr. Vishal Sharma   M. Tech
- Mr. Rashed Qayoom Shawl   M. Tech

Intake:

Civil

General*	:	**32 seats**
Self Supporting**	:	**33 seats**
NRI**	:	**10 seats**

Electronics & Communication / Information Technology / Computer Engg. / Electrical & Renewable Energy

General*	:	**60 seats**
Self Supporting**	:	**10 seats**
NRI**	:	**05 seats**

*   *Including reserved category seats*
** *The number may change marginally*

School of Engineering & Technology

Eligibility for Admission

- Passed 10+2 from a recognized Board with atleast 50% marks (45% for students of Scheduled caste / Scheduled tribe categories) with Physics and Mathematics as compulsory subjects
- Candidates appearing in the qualifying examination or those whose result of the qualifying examination is awaited can also apply and appear in the Entrance Test provisionally.

Procedure for Admission

- Admission to all B. Tech. courses is conducted through Entrance Test, dates for which will be notified through print and electronic media, at College of Engineering and Technology, BGSB University Campus, Rajouri & such other Centres in Jammu & Srinagar as will be notified later.
- Syllabus and Model Question Paper for the Test can be downloaded from the University website: www.bgsbuniversity.org. Applicants are required to collect Admit Card for the Entrance Test from School of Engineering & Technology / Jammu Camp office / Regional office, Srinagar.

Selection shall be made on the basis of marks secured by applicants in the Entrance Test.

NRI Quota

Limited NRI quota seats are available in the following branches along with the number of seats in each branch.

Civil Engineering	:	**10 seats**
Electrical & Renewable Energy Engineering	:	**05 seats**
Electronics & Communication Engineering	:	**05 seats**
Computer Engineering	:	**05 seats**
Information Technology Engineering	:	**05 seats**

Eligibility for Admission : Same as for General Category seats.

Procedure for Admission :

Students desirous of consideration in NRI quota will be required to submit Admission Application Form to the Dean, School of Engineering & Technology mentioning branch-wise preference. All applicants for NRI quota will be required to appear in counseling.

Note:

i. In case NRI Candidates are not available to fill all seats the University may consider allotting the left over seats to candidates other than NRI in order of merit in the Entrance Test.

ii. NRI Candidates will be required to pay according to the conversion rates operative at the time of payment of fee.

Lateral admission to B. Tech.

The University offers lateral admission to B. Tech. (3rd semester) in the following streams :

- **Civil Engineering**
- **Computer Engineering**
- **Electronics & Communication Engineering**
- **Electrical & Renewable Energy Engineering**
- **Information Technology Engineering**

Intake : Five seats will be available for lateral entry in each programme.

Eligibility for Admission : Passed Diploma Engineering in relevant or allied stream from recognized Board of Technical Education / University with at least 60% marks **or** passed B. Sc. in First Division, with Physics, Chemistry & Mathematics as elective subjects.

Procedure for Admission : Admission shall be made through Entrance Test that the University will notify and conduct separately.

Selection shall be made on the basis of marks secured by the applicants in the Entrance Test. Admission will be on Self - Supporting (Payment) basis

Change of Branch in B. Tech. Semester III

The University offers provision for Change of Branch (in B. Tech. 3rd semester) only to the students pursuing B.Tech. programme in BGSB University in the following streams:

- **Civil Engineering**
- **Computer Engineering**
- **Electronics & Communication Engineering**
- **Electrical & Renewable Energy Engineering**
- **Information Technology Engineering**

Intake : Number of seats available shall be notified at the commencement of Semester - III.

Change of Stream will be allowed only on deposition of full fee prescribed for payment seat in the branch which the student wants to join, irrespective of whether the student was admitted to Semester-I in self financing or General category.

Eligibility for Admission:

Only such students will be considered for change of stream as have passed all theory and lab courses of Semester-I and have appeared for examination in all courses of Semester- II.

Selection of students seeking change of branch shall be made on the basis of the marks secured by them in Semester -I Examination.

Fee Structure Per Semester for B. Tech programmes

1.	Admission Fee	:	Rs. 1,250/-
2.	Tuition Fee		
	i. Semester First	:	Rs. 40,500/-
	ii. Semester Second	:	Rs. 41,000/-
	iii. Semester Third	:	Rs. 41,000/-
	iv. Semester Fourth	:	Rs. 41,000/-
	v. Semester Fifth	:	Rs. 41,000/-
	vi. Semester Sixth	:	Rs. 41,000/-
	vii. Semester Seventh	:	Rs. 41,000/-
	viii. Semester Eighth	:	Rs. 41,000/-
3.	Career Counseling & Placement Assistance	:	Rs. 1,000/-
4.	Library Fee	:	Rs. 7,50/-
5.	Sports Fee	:	Rs. 7,50/-
6.	Science / Computer Lab. Fee	:	Rs. 7,50/-
7.	Laboratory Maintenance Fee	:	Rs. 7,50/-
8.	University Development Fund	:	Rs. 7,50/-
9.	University Corpus Fund	:	Rs. 1,000/-
10.	One Time Security (Refundable)	:	Rs. 1,000/-

11. **Self Supporting Fee (One Time)**

	i. B.Tech CE	:	Rs. 3,00,000/-
	ii. B.Tech ECE	:	Rs. 1,50,000/-
	iii. B.Tech EREE	:	Rs. 1,50,000/-
	iv. B.Tech CSE	:	Rs. 1,00,000/-
	v. B.Tech ITE	:	Rs. 1,00,000/-

12. **NRI / Management Fee (One Time)**   **(In Dollars)**

	i. B.Tech CE	:	Rs. 5,00,000/-	7383/-
	ii. B.Tech ECE	:	Rs. 3,00,000/-	4433/-
	iii. B.Tech EREE	:	Rs. 3,00,000/-	4433/-
	iv. B.Tech CSE	:	Rs. 2,00,000/-	2955/-
	v. B.Tech ITE	:	Rs. 2,00,000/-	2955/-

B. E. Evening Programme Under Lateral Entry Scheme

The Evening programme has been launched to provide opportunity to Engineering Diploma holders to improve their qualification and promotional avenues in case they are in service already. The curriculum for the courses is innovative and interdisciplinary with employment - oriented tilt. The evening programmes are spread over 3 years and 6 semesters with project work in the final semester.

B. E. Civil Engineering

B. E. Electrical Engineering

Course Curriculum

B.E. Civil Engineering

Semester III

Course Code	Course Title
CE 321	Mathematics-III
CE 322	Structural Analysis-I
CE 323	Hydraulics-I
CE 324	Surveying-I
CE 325	Building Material & Const.
CE 326	Entrepreneurship Dev. & Mgmt.

Lab. Courses	Course Title
CE 331	Structural Analysis-I
CE 332	Hydraulics-I
CE 333	Surveying-I

Semester IV

Course Code	Course Title
CE 421	Mathematics-IV
CE 422	Structural Analysis-II
CE 423	Hydraulics-II
CE 424	Surveying-II
CE 425	Construction Technology & Mgmt.
CE 426	Building Drawing

Lab. Courses	Course Title
CE 431	Structural Analysis-II
CE 432	Hydraulics-II
CE 433	Surveying-II

Semester V

Course Code	Course Title
CE 521	Estimating & Costing
CE 522	Structural Analysis-III
CE 523	Design of Structures - I
CE 524	Geotechnical Engineering -I
CE 525	Concrete Technology
CE 526	Environmental Engg-I

Lab. Courses	Course Title
CE 531	Geotechnical Engineering -I
CE 532	Concrete Technology
CE 533	Environmental Engg-I

Semester VI

Course Code	Course Title
CE 621	Transportation Engineering-I
CE 622	Water Resources Engg.
CE 623	Design of Structures - II
CE 624	Geotechnical Engineering -II
CE 625	Geology & Earthquake Engg.
CE 626	Environmental Engg-II

Lab. Courses	Course Title
CE 631	Transportation Engineering-I
CE 632	Geotechnical Engineering -II
CE 633	Survey Camp

Semester VII

Course Code	Course Title
CE 721	Transportation Engineering-II
CE 722	Irrigation & Flood Control
CE 723	Design of Structures III
CE 724	Major Project

Elective I	(Any one of the following)
CE 731	Hydro-Power Engineering
CE 732	Rock Mechanics
CE 733	Architecture & Town Planning
CE 734	Adv. Geotechnical Engineering
CE 735	Tunnel Engineering
CE 736	Earthquake Resistant Designs
CE 737	Soil Chemistry

Elective II	(Any one of the following)
CE 741	Applied Hydrology
CE 742	Ground Water Hydrology
CE 743	Design of Hydraulic Structures
CE 744	Optimization in Civil Engg.
CE 745	Maintenance Engineering
CE 746	Rural Water Supply

CE 747	Disaster Management		CE 841	Architecture & Town planning
			CE 842	Earthquake Resistant Designs
Lab Course			CE 843	Bridge Engineering
CE 731	Industrial Training		CE 844	Soil Chemistry
CE 732	Seminar		CE 845	Tall Buildings
CE 733	STAAD Pro		CE 846	Hydro-Power Engineering
			CE 847	Ground Water Hydrology
Semester VIII			CE 848	Optimization in Civil Engineering
Course Code	**Course Title**		CE 849	Industrial Structures
CE 821	Major Project		CE 850	Prefabricated structures

Elective III & IV (Any two of the following)

B. E. Electrical Engineering

Semester III

Course Code	Course Title
EE 321	Mathematics-III
EE 322	EM Wave Theory
EE 323	Electrical Machines- I
EE 324	Signals & Systems
EE 325	Digital Electronics
EE 326	Applied Electronics

Lab. Courses

EE 331	Electrical Machines- I
EE 332	Digital Electronics
EE 333	Applied Electronics

Semester IV

Course Code	Course Title
EE 421	Mathematics-IV
EE 422	Network Analysis & Synthesis
EE 423	Engineering Material Science
EE 424	Power System - I
EE 425	Electrical Machines -II
EE426	Electrical Measurements - I

Lab. Courses

EE 431	Network Analysis & Synthesis
EE 432	Electrical Machines -II
EE 433	Electrical Measurements - I

Semester V

Course Code	Course Title
EE 521	Power System-II
EE 522	Microprocessor & Interfacing
EE 523	Control System -I
EE 524	Communication Systems
EE 524	Communication Systems
EE 525	Power Engineering
EE 526	Design of Power Apparatus

Lab. Courses

EE 531	Power System
EE 532	Microprocessor & Interfacing
EE 533	Control System -I

Semester VI

Course Code	Course Title
EE 621	Power Electronics
EE 622	Electrical Measurement - II.
EE 623	Power System Stability
EE 624	Energy Audit & Management
EE 625	Renewable Energy Sources
EE 626	Control System -II

Lab. Courses

EE 631	Power Electronics
EE 632	MATLAB
EE 633	Renewable Energy Sources

Semester VII

Course Code	Course Title
EE 721	Power System Protection
EE 722	Electrical Drives
EE 723	ED & Management
EE 724	Major Project - Phase- I

Electives I & II (Any two of the following)

EE 741	Electric Substation Design
EE 742	High Voltage Engineering
EE 743	Virtual Instrumentation
EE 744	Digital Signal Processing
EE 745	Power System Transients
EE 746	Display System Engineering
EE 747	Embedded Systems
EE 748	Artificial Intelligence
EE 749	VLSI Design

EE 750	Simulation & Modeling	EE 832	Microcontroller & Interfacing
EE 751	Industrial Electronics	EE 833	Process Control System
EE 752	Disaster Management	EE 834	Restructuring of Power System
Lab. Courses		EE 835	Biomedical Instrumentation
EE 731	Power System Protection	EE 836	Electronic Workshop Technology
EE 732	Seminar	EE 837	Energy Economics & Planning
EE 733	Industrial Training	EE 838	Solar Passive Architecture
		EE 839	Wireless Networks
Semester VIII		EE 840	Principles of Marketing & Management
Course Code	**Course Title**		
EE 821	Major Project Phase-II	EE 841	Random Process & Information Theory
Electives III & IV(Any two of the following)			
EE 831	EHV AC & DC Transmission		

Intake in each stream : 25 seats

Self financing in each stream : 05 seats

Eligibility for Admission

- Passed Diploma Engineering in the same branch or a branch allied to the one to which admission is being sought, from a recognised Board of Technical Education / University or any other examination considered equivalent thereto with at least 50% marks (45% marks for students of Scheduled caste / Scheduled tribe categories).

- Science graduates (B. Sc.) with Physics, Chemistry and Mathematics having scored at least 50% marks (45% for Scheduled caste / Scheduled tribe candidates). Such candidates, will, however, be required to pass such courses (Engineering Drawing, Engineering Graphics and Engineering Mechanics) as they have not offered already.

Procedure for Admission

- Admission will be made through Entrance Test. The date, time and venue for the test will be notified well in advance alongwith Syllabus and Model Question Paper. Selection will be based on merit scored in the Test.

Selection shall be made on the basis of marks secured by applicants in the Entrance Test.

Fee Structure Per Semester

1.	Admission Fee	:	Rs. 1,250/-
2.	Tuition Fee	:	Rs. 55,750/-
3.	Career Counseling & Placement Assistance	:	Rs. 1,000/-
4.	Library Fee	:	Rs. 7,50/-
5.	Science / Computer Lab. Fee	:	Rs. 7,50/-
6.	Laboratory Maintenance Fee	:	Rs. 7,50/-
7.	University Development Fund	:	Rs. 7,50/-
8.	University Corpus Fund	:	Rs. 1,000/-
9.	One Time Security (Refundable)	:	Rs. 1,000/-
10.	**Self Supporting Fee (One Time)**		
	i. B. E. Civil Engineering	:	Rs. 3,00,000/-
	ii. B. E. Electrical Engineering	:	Rs. 2,50,000/-

School of Management Studies

Department of Management Studies
- **BBA**
- **MBA**

Center for Hospitality & Tourism
- **MBA**
- **Diploma in Front Office**
- **Diploma in House Keeping**
- **Diploma in Food & Beverage Services**

Department of Management Studies

The Masters programme in Business Administration (MBA) run by the School is recognized by the All India Council of Technical Education (AICTE), New Delhi. The post graduates produced by the School have done it proud with placement in reputed organizations such as Wipro, HDFC Bank, Airtel, Vodafone & ICICI. The School has earned distinction of having produced large number of UGC-NET - JRF and SLET qualified students. This has been possible on account of the quality training imparted by the School.

The strength of the School lies in its well qualified faculty that is always enthusiastic to learn and teach. High profile experienced guest faculty drawn from different universities and corporate sector is involved in preparing students for facing the challenges of corporate world with poise and confidence. Teaching in the School is interactive. Students participate in seminars organized regularly to advance their knowledge base and improve articulation.

The School works in close liaison with the Skills Development and Placement Cell for conducting training sessions on personality development and event management. Participation in these programmes is essential for students of both streams.

The course curricula are based on UGC Model Curriculum and the real world business decisions and economic events. The emphasis of the programmes is on strengthening analytical and critical skills of students on rolls. Availability of modern computer laboratories, state-of-the-art teaching aids and internet connectivity help students to learn, appreciate and analyze the important events shaping the business world. The School endeavours to produce business students capable of handling managerial positions in business organizations in India and abroad.

Milestones achieved

- Course curriculum for all academic programmes offered by the School are updated regularly in light of the current global business environment.
- Organized seminars on contemporary events : Rupee-US Dollar swings, Global Changes and Liquidity crisis in India etc.
- Organized industrial visits to acquaint students with developments in business processes and the work environments.
- Arranged placement for pass outs.

Course Curriculum

Semester I

Course Code	Course Title
BBA 111	Principles of Management
BBA 112	Business Economics
BBA 113	Financial Accounting
BBA 114	Communication Skills

Semester II

Course Code	Course Title
BBA 211	Business Law
BBA 212	Fundamentals of Statistics
BBA 213	Environmental Science
BBA 214	Cost Accounting

Semester III

Course Code	Course Title
BBA 311	Organizational Berhavior
BBA 312	Human Resource Management
BBA 313	Marketing Management
BBA 314	Financial Management

Semester IV

Course Code	Course Title
BBA 411	Corporate Social Responsibility
BBA 412	Security Market Operations
BBA 413	Sales Management
BBA 414	Project Management
BBA 417	Comprehensive Viva - Voce

Semester V

Course Code	Course Title
BBA 511	Management Information System
BBA 512	Customer Relationship Management
BBA 513	Industrial Relations
BBA 514	Indian Financial System
BBA 515	Summer Training System

Semester VI

Course Code	Course Title
BBA 611	Income Tax
BBA 612	International Business
BBA 613	Entrepreneurship Development
BBA 614	Business Policy
BBA 615	Comprehensive Viva-Voce

Summer Training Project

Every student enrolled will be required to undergo practical training of 6-8 weeks during summer vacation following Semester IV, in an approved business / service organization, and submit two copies of the Training Report to Dean, School of Management Studies within two weeks of the commencement of Semester V. The Summer Training Report carries 100 marks. It shall be evaluated for 50 marks by an External Examiner and for 50 marks by an Internal Board comprising a minimum of two Faculty Members.

Intake : 30

General	:	**25 seats**
Self Supporting	:	**05 seats**

Eligibility for Admission

- Passed 10 + 2 examination from any recognized Board of School Education with any subject combination.
- Candidates appearing in the qualifying examination and those whose result of the qualifying examination is awaited can also apply.

Selection shall be made on the basis of marks secured by the students in the qualifying examination.

Bachelor of Business Administration

Fee Structure Per Semester

1.	Admission Fee	:	Rs. 1,250/-
2.	Tuition Fee	:	Rs. 8,000/-
3.	Career Counseling & Placement Assistance	:	Rs. 1,000/-
4.	Library Fee	:	Rs. 7,50/-
5.	Sports Fee	:	Rs. 7,50/-
6.	Computer Lab. Fee	:	Rs. 7,50/-
7.	Laboratory Maintenance Fee	:	Rs. 7,50/-
8.	University Development Fund	:	Rs. 7,50/-
9.	University Corpus Fund	:	Rs. 1,000/-
10.	One Time Security (Refundable)	:	Rs. 1,000/-
11.	Self Supporting Fee (One Time)	:	Rs. 50,000/-

Master of Business Administration

Course Curriculum

Semester I

Course Code	Course Title
MBA 111	Management Process & Organizational Behavior
MBA 112	Accounting for Managers
MBA 113	Quantitative Techniques for Managerial Decisions
MBA 114	Managerial Economics
MBA 115	Business Ethics & Environment
MBA 116	Banking and Insurance Management

Semester II

Course Code	Course Title
MBA 221	International Business
MBA 222	Financial Management
MBA 223	Marketing Management
MBA 224	Human Resource Management
MBA 225	Corporate Law

Choice Based Open Elective Courses (One of the following)

Course Code	Course Title
Math 201	Mathematical Tools for Real World Problems
IT 202	Soft Skills in Information Technology
Comp203	Computer Applications and Operations
Bio 204	Fundamentals of Biotechnology
Bot 205	Mysteries of Green Plants
Bot 206	Botany in Rural Development
Zol 207	Nutrition, Health & Hygiene
Arab 208	Fundamental of Arabic Language
Eng 209	Applied English
Edu 210	Higher Education
Eco 211	Principles of Banking
HT 212	Basics of Tourism & Travel Agencies
HT 213	Tourism Resources of J&K
Edu 215	Instructional Technology

Semester III

Course Code	Course Title
MBA 331	Project Management
MBA 332	Summer Training Project

Supplementary Elective Courses (Students are required to opt any three for Major and any two for minor specialization out of the following courses)

Human Resource

MBA H1	Strategic Human Resource Management
MBA H2	Organizational Change & Development
MBA H3	Industrial Relation and Labour Laws
MBA H4	Human Resource Development

Finance

MBA F1	Security Analysis
MBA F2	International Finance
MBA F3	Social Banking and Microfinance
MBA F4	Indian Financial System

Marketing

MBA M1	Advertising and Sales Promotion
MBA M2	Consumer Behavior & Marketing Strategy
MBA M3	Service Marketing
MBA M4	Rural Marketing

Semester IV

Course Code	Course Title
MBA 441	Entrepreneurship Development
MBA 442	Strategic Management
MBA 443	Management Information System

Supplementary Elective Courses (Students are required to opt any two for Major and one for minor specialization out of the following courses)

Finance

MBA F5	Portfolio Management
MBA F6	Financial Derivatives
MBA F7	Multinational Financial Management
MBA F8	Mergers and Acquisitions

Human Resource

MBA H5	Performance
MBA H6	Interpersonal and Group Processes
MBA H7	Cross Cultural Management
MBA H8	Industrial Psychology

Marketing

MBA M5	Strategic Brand Management
MBA M6	Retail Marketing
MBA M7	International Marketing
MBA M8	Digital Marketing

Master of Business Administration

Intake : 50

General   :   **40 seats**

Self Supporting   :   **10 seats**

Eligibility for Admission

- Bachelors' degree (10+2+3 pattern) in any discipline or any other degree from a recognized University.

  or

  Passed final examination from the Institute of Chartered Accountants, Cost and Works Accountants or Company Secretaries.

  or

  Passed A.M.I.E. (Engineering)

  and

  Appeared in the Common Management Admission Test (C-MAT) / Common Aptitude Test (CAT) / Management Aptitude Test (MAT).

- Candidates appearing in the final year examination of the qualifying degree and those, whose result of the same is awaited, can also apply provisionally.

Procedure for Admission

- For admission to MBA programme all eligible candidates shall have to appear in the Common Management Admission Test (C-MAT) conducted by the All India Management Association between June 2016 and May 2017 or Common Aptitude Test (CAT) or Management Aptitude Test (MAT) of March 2017.

- Candidates desirous of admission to MBA programme of Baba Ghulam Shah Badshah University should apply to BGSB University separately on the prescribed Application Form attached with the Admission Prospectus - 2017.

Group Discussion & Personal Interview

Candidates who are short-listed on the basis of their score in the qualifying examination, plus Common Management Admission Test (C-MAT) / Common Aptitude Test (CAT) / Management Aptitude Test (MAT) will be invited by the Dean, School of Management Studies for appearing in Group Discussion and Interview at the University Campus, Rajouri, and any other places if the University so decides, on dates that will be notified in print and electronic media. Call letters for Group Discussion & Personal Interview have to be collected by the candidates from the Department / Camp Office, Jammu /Regional office, Srinagar.

Master of Business Administration

Weightage of marks for the different components

(a)	Marks secured in qualifying examination	40%
(b)	Marks secured in C-MAT/CAT/MAT	40%
(c)	Group Discussion	10%
(d)	Interview	10%

Fee Structure Per Semester for MBA

1.	Admission Fee	:	Rs. 1,250/-
2.	Tuition Fee		
	i. Semester First	:	Rs. 37,000/-
	ii. Semester Second	:	Rs. 38,000/-
	iii. Semester Third	:	Rs. 38,000/-
	iv. Semester Fourth	:	Rs. 38,000/-
3.	Career Counseling & Placement Assistance	:	Rs. 1,000/-
4.	Library Fee	:	Rs. 7,50/-
5.	Sports Fee	:	Rs. 7,50/-
6.	Computer Lab. Fee	:	Rs. 7,50/-
7.	Laboratory Maintenance Fee	:	Rs. 7,50/-
8.	University Development Fund	:	Rs. 7,50/-
9.	University Corpus Fund	:	Rs. 1,000/-
10.	One Time Security (Refundable)	:	Rs. 1,000/-
11.	Self Supporting Fee (One Time)	:	Rs. 1,50,000/-

MBA - Hospitality & Tourism

Tourism has emerged as World's fastest growing industry and a major source of earning. The State of Jammu & Kashmir has been the haven of tourists from all over the World from times immemorial on account of its topography, natural and cultural diversity, heritage sites and the bounties of nature. If offers opportunities for all kinds of tourism; leisure, adventure, health and pilgrimage. Therefore, tourism has generated direct and indirect employment to a large chunk of State's population. With the world having shrunk to a global village, distances having become irrelevant, through improved transport system people all over the world have become World trotters. The tourist industry of the country has to keep pace with the growing tourist influx. In the years ahead tourism industry will undergo unprecedented expansion which will mean increase in the requirement of skilled human resource to man the industry. The Masters Course in Hospitality & Tourism has been introduced to generate such human resource.

Course Curriculum

Semester I

Course Code	Course Title
MBAHTM 101	Management Perspectives & Organisational behaviour
MBAHTM 102	Managerial Economics
MBAHTM 103	Statistical Methods
MBAHTM 104	Basics of Hospitality Management
MBAHTM 105	Computer Applications in Hospitality & Tourism Industry
MBAHTM 106	Communication Skills

Semester II

Course Code	Course Title
MBAHTM 220	Basics of Tourism
MBAHTM 221	Marketing for Hospitality & Tourism
MBAHTM 222	Financial Management & Accounting
MBAHTM 223	Human Resource Management
MBAHTM 224	Research Methodology & Paper Presentation Skills

Choice Based Open Elective Course (One of the following)

Course Code	Course Title
Math 201	Mathematical Tools for Real World Problems
IT 202	Soft Skills in Information Technology
Comp 203	Computer Applications & Operations
Bio 204	Fundamentals of Biotechnology
Bot 205	Mysteries of Green Plants
Bot 206	Botany in Rural Development
Zol 207	Nutrition, Health & Hygiene
Arab 208	Fundamentals of Arabic Language
Eng 209	Applied English
Edu 210	Higher Education
Eco 211	Principles of Banking
Mgt. 214	Business Communication and Soft Skills
Edu 215	Instructional Technology

Semester III

Course Code	Course Title
MBAHTM 301	Strategic Management
MBAHTM 302	Summer Training Report & Presentation
MBAHTM 303	Tourism resources of J&K
MBAHTM 304	Front Office

Choice Based Complementary Elective Courses (Any two of the following)

Course Code	Course Title
MBAHTM 305	Basics of Event Management
MBAHTM 306	Tour Guiding & Escorting Skills
MBAHTM 307	Geography of Tourism
MBAHTM 308	Adventure, Wildlife & Cultural Tourism
MBAHTM 309	Viva Voce

Semester IV

Course Code	Course Title
MBAHTM 401	Tourism Resources & Geography of India
MBAHTM 402	Travel Agency & Tour Operations
MBAHTM 403	Tour Policy, Planning and Development
MBAHTM 404	Tourism Management in India

Choice Based Complementary Elective Courses (Any two of the following)

Course Code	Course Title
MBAHTM 405	Entrepreneurship Development in Hospitality & Tourism
MBAHTM 406	Food & Beverage Management
MBAHTM 407	Accommodation Management
MBAHTM 408	Dimensions of International Tourism
MBAHTM 409	Viva Voce

MBA - Hospitality & Tourism

Note : After the examination of 2nd semester the students shall go for industrial training for a period of 45 days following which they will be evaluated on the basis of project report that they submit, its presentation & viva-voce.

Intake : 25

General   :   **20 seats**

Self Supporting   :   **05 seats**

Eligibility for Admission

- Bachelors' degree (10+2+3 pattern) in any discipline or any other degree from a recognized University.

      or

   Passed final examination from the Institute of Chartered Accountants, Cost and Works Accountants and Company Secretaries.

      or

   Passed A.M.I.E. (Engineering)

- Candidates appearing in the final year examination of the qualifying degree and those, whose result of the same is awaited, can also apply provisionally.

Selection shall be made on the basis of the marks secured by the candidates in qualifying examination.

MBA - Hospitality & Tourism

Fee Structure Per Semester

1.	Admission Fee	:	Rs. 1,250/-
2.	Tuition Fee		
	i. Semester First	:	Rs. 32,000/-
	ii. Semester Second	:	Rs. 33,000/-
	iii. Semester Third	:	Rs. 33,000/-
	iv. Semester Fourth	:	Rs. 33,000/-
3.	Career Counseling & Placement Assistance	:	Rs. 1,000/-
4.	Library Fee	:	Rs. 7,50/-
5.	Sports Fee	:	Rs. 7,50/-
6.	Computer Lab. Fee	:	Rs. 7,50/-
7.	Laboratory Maintenance Fee	:	Rs. 7,50/-
8.	University Development Fund	:	Rs. 7,50/-
9.	University Corpus Fund	:	Rs. 1,000/-
10.	One Time Security (Refundable)	:	Rs. 1,000/-
11.	Self Supporting Fee (One Time)	:	Rs. 1,50,000/-

M. Phil. and Ph. D. Programmes

The School offers research programmes leading to M. Phil. and Ph. D degrees in Management Studies. The objective of these programmes is to undertake in-depth investigation of the issues concerning management of business and economy to enrich the decision making processes. At present, 16 Ph. D. scholars are pursuing research on themes like Participatory banking and its future in India, Microfinance and its role in financial inclusion of poor and the deprived, MSMEs and their problems; and the role and future of tourism in Rajouri - Poonch region. The other potential areas of research include Management Practices and their impact analysis in public and private enterprises, Human Resource Management, Corporate Social Responsibility, Rural Marketing and Advertising in socio-economic context and issues concerning growth and development of regional economy. The School has already produced 5 Ph.Ds .

Diploma Course in Front Office

The Diploma Course specifically designed to train human resource for Front Office management has been sponsored by Ministry of Tourism, Govt. of India. Front Office of any organization, more so hotels, is the frontispiece. The décor, upkeep, working and etiqueitte of this office impacts popularity of the office, hotel or any other organization of which it is part.

Young men and women enroled to the course will be given theoretical and practical training to make them employable in hotels, lodges, hospitals, nursing homes etc which are mushrooming all over the country including the State of Jammu & Kashmir.

Course Curriculum

Semester I

Course Code	Course Title
DFO 101	Front Office Operations
DFO 102	Principles of Accounting
DFO 103	Communication Skills & Office Organization
DFO 104	Basics of Computers

Lab Courses

DFO 150	Front Office practical based on theory
DFO 151	Practical on Computer Applications
DFO 152	Practical on Communication & Presentation Skills

Semester II

Students will undergo industrial training for 17 weeks. After successful completion of training the students will submit Training Report which will be evaluated through presentation and viva voce.

Duration :   1 year

Eligibility for Admission

Passed 10+2 examination with at least 45 % marks from a recognized Board of School Education or passed any other examination considered equivalent thereto.

Intake : 15 seats

Fee : Rs. 6000/ (Per Semester)

Diploma Course in House Keeping

The Course sponsored by Ministry of Tourism, Government of India, has been introduced in the University with the aim of imparting the skill of House Keeping to such young boys and girls as are not inclined to pursue higher education. The course will help passouts to find employment in the ever-growing multi-million hotel- industry all over the world. The State of Jammu & Kashmir which is becoming hub of domestic and international tourists requires skilled human- resource in House Keeping. The Diploma Course has been so conceived to impart theoretical as well as practical training to the young men and women enrolled to it.

Course Curriculum

Semester I

Course Code	Course Title
DHK 101	Housekeeping Operations
DHK 102	Principles of Accounting
DHK 103	Communication Skills & Office Organization
DHK 104	Basics of Computers

Lab Courses

DHK 150	Practical on Housekeeping Operations
DHK 151	Practical on Computer Application
DHK 152	Practical on Communication & Presentation Skills

Semester II

Students will undergo industrial training for 17 weeks. After successful completion of training the students will submit Training Report which will be evaluated through presentation and viva voce.

Duration :   1 year

Eligibility for Admission

Passed 10+2 examination with at least 45 % marks from a recognized Board of School Education or passed any other examination considered equivalent thereto.

Intake : 15 seats

Fee : Rs. 6000/ (Per Semester)

Diploma Course in Food & Beverage Services

The Course sponsored by Ministry of Tourism, Government of India, has been introduced in the University with the aim of imparting the skill of food & beverage services to such young boys and girls as are not inclined to pursue higher education. The course will help passouts to find employment in the ever- growing multi-million hotel- industry all over the world. The State of Jammu & Kashmir which is becoming hub of domestic and international tourists requires skilled human- resource in House Keeping. The Diploma Course has been so conceived as to impart theoretical as well as practical training to the young men and women enrolled to it.

Course Curriculum

Semester I

Course Code	Course Title
DFB 101	Introduction to Food and Beverage Services
DFB 102	Principles of Accounting
DFB 103	Communication Skills & Office Organization
DFB 104	Basics of Computers

Lab Courses

DFB 150	Practical on Food & Beverage Services
DFB 151	Practical on Computer Applications
DFB 152	Practical on Communication & Presentation Skills

Semester II

Students will undergo industrial training for 17 weeks. After successful completion of training the students will submit Training Report which will be evaluated through presentation and viva voce.

Duration : 1 year

Eligibility for Admission

Passed 10+2 examination with at least 45 % marks from a recognized Board of School Education or passed any other examination considered equivalent thereto.

Intake : 15 seats

Fee : Rs. 6000/ (Per Semester)

Resident Faculty

Prof. Naseem Ahmed,	**Dean**	**M. Com, Ph. D**
Mr. Asrar Gaus,	**Director-Tourism & Hospitality**	**MTM, MBA, DHMCT**
Dr. Dil Pazir		M. Sc. (Agri Econ.), Ph. D., FDP-IIMK
Ms. Mamta Choudhary		MBA, NET
Dr. Parvez Abdulla		M. Sc. MBA, M. Phil, Ph. D. FDP-IIMA
Dr. Radha Gupta		M. Com., Ph. D.
Dr. Gaurav Sehgal		M. Sc., MBA, PGDCS, Ph. D.
Dr. Darakashan Anjum		M. Com., Ph. D.
Dr. Javed Iqbal		M. Com., Ph. D., FDPM-IIMA
Mr. Kafeel Ahmed		MBA, NET
Mr. Aasim Mir		MBA, NET
Mr. Jatinder Kumar		MBA, NET
Mr. Danish Iqbal Raina		MBA, NET
Mr. Vinay Kumar Sharma		MBA, NET-JRF
Dr. S. Kulwant Singh		M. A. Eco., Ph. D.
Mr. Rizwan Mirza		MBA, AMP-IIMB
Mr. Naveed Ahmed Lone		M.A. (Economics), NET
Mr. Hilal Ahmed Mir		M.A. (Economics), NET
Mr. Ishtiyaq Ahmad		MBA-HTM, NET-JRF
Ms. Insha Amin		MBA (Tourism)

School of Social Sciences

Department of Economics

M. A. Economics

The importance of economics in everyday life calls for no elucidation. With globalisation the need for solid theoretical background of economics, skills in economic analysis and public policy have become essential. For this reason, Economics graduates and postgraduates are in demand in the job market. The opportunities for students of Economics range from positions in business world, banks, insurance, investment and communication firms, academic institutions, government agencies and trade associations to consulting organizations.

Course Curriculum

Semester I

Course Code	Course Title
MAE 111	Microeconomics - I
MAE 112	Macroeconomics - I
MAE 113	Mathematics for Economics
MAE 114	Economics of Growth and Development

Semester II

Course Code	Course Title
MAE 221	Microeconomics - II
MAE 222	Macroeconomics - II
MAE 223	Statistical Methods

Choice Based Open Elective Course (Opt any one of the following)

Math 201	Mathematical Tools for Real World Problems
IT 202	Soft Skills in Information Technology
Comp 203	Computer Applications & Operations
Bio 204	Fundamentals of Biotechnology
Bot 205	Mysteries of Green Plants
Bot 206	Botany in Rural Development
Zol 207	Nutrition, Health & Hygiene
Arab 208	Fundamental of Arabic Language
Eng 209	Applied English
Edu 210	Higher Education
HT 212	Basics of Tourism & Travel Agencies
HT 213	Tourism Resources of J&K
Mgt. 214	Business Communication & Soft Skills
Edu 215	Instructional Technology

Semester III

Course Code	Course Title
MAE 331	International Economics
MAE 332	Indian Economy
MAE 333	Econometrics

Choice Based Complementary Elective Courses (Students are required to opt two of the following courses)

MAE 334	Demography
MAE 335	Industrial Economics
MAE 336	Agricultural Economics
MAE 337	Indian Financial System

Semester IV

Course Code	Course Title
MAE 441	Monetary Economics
MAE 442	Political Economy
MAE 443	Public Finance
MAE 444	Dissertation (Viva-voce & Project work)

Choice Based Complementary Elective Courses (Students are required to opt one of the following courses)

MAE 445	Environmental Economics
MAE 446	J&K Economy
MAE 447	Research Methodology & Computer Application
MAE 448	Islamic Economics

Intake : 40

General	:	**30 seats**
Self Supporting	:	**10 seats**

M. A. Economics

Eligibility for Admission

- Bachelors' degree of 10+2+3 pattern with Economics and / or Mathematics as one of the subjects / B. Com. / BBA or any other degree recognized equivalent thereto from any recognized university.
- Candidates appearing in the Final Year Examination of the qualifying degree or those whose result of the same is awaited, can also apply provisionally.

Students will be ranked for admission on the basis of their marks in the qualifying examination.

Fee Structure Per Semester

1.	Admission Fee	:	Rs. 1,250/-
2.	Tuition Fee		
	i. Semester First	:	Rs. 26,000/-
	ii. Semester Second	:	Rs. 27,000/-
	iii. Semester Third	:	Rs. 27,500/-
	iv. Semester Fourth	:	Rs. 27,000/-
3.	Career Counseling & Placement Assistance	:	Rs. 1,000/-
4.	Library Fee	:	Rs. 7,50/-
5.	Sports Fee	:	Rs. 7,50/-
6.	Science / Computer Lab. Fee	:	Rs. 7,50/-
7.	Laboratory Maintenance Fee	:	Rs. 7,50/-
8.	University Development Fund	:	Rs. 7,50/-
9.	University Corpus Fund	:	Rs. 1,000/-
10.	One Time Security (Refundable)	:	Rs. 1,000/-
11.	Self Supporting Fee (One Time)	:	Rs. 1,50,000/-

School of Islamic Studies & Languages

Department of Arabic

Department of Islamic Studies

Department of Urdu

Department of English

Centre for Research in Gojri, Pahari & Kashmiri Languages

Department of Arabic

Arabic is a living language with rich literary heritage. It is the official language of 18 Arab countries, fourth language of the world and sixth language of UNO. More than anything else it is the language of holy Quran. For these reasons the University established the Department of Arabic the very year it was founded. The Department imparts teaching at under - and post graduate levels and conducts M.Phil. & Ph. D. Programmes. The passouts find employment in various organizations.

Besides conducting routine classroom teaching the Department has regularly been organizing seminars, workshops, poetic symposia, exhibitions, Qirat competitions etc. The Department also organized national seminars.

B.A. Arabic (Hons.)

This is the first Honours Programme launched in Jammu & Kashmir State. The Honours programme is of 3 years duration, comprising 6 Semesters. The detailed Course Curriculum is given below:

Semester - I   الفصل الأول

BAR 101	Arabic Text-I	النص العربى I
BAR 102	Arabic Grammar (Syntax and Motphology) I	النحو والصرفI
BAR 103	Urdu (Ghazal and Nazm) I	الادب الاردىI
BAR-104	Islamic Studies (Islam: Early Phase) I	الدراسات الاسلاميةI
BAR-105	General English-I	اللغة الانجليزيةI

Semester - II   الفصل الثانى

BAR-201	Arabic Text-II	النص العربى II
BAR-202	Arabic Grammar (Syntax and Motphology) II	النحو والصرفII
BAR-203	Urdu (Qasida, Marsiah, Masnawi and Rubayee)II	الادب الاردىII
BAR-204	Islamic Studies (Islam: A way of Life) II	الدراسات الاسلاميةII
BAR-205	General English-II	اللغة الانجليزيةII

Semester - III   الفصل الثالث

BAR-301	Arabic Text-III	النص العربى III
BAR-302	Arabic Grammar (Syntax and Motphology) III	النحو والصرفIII
BAR-303	Urdu (Mazmoon Nigari and Khaka)III	الادب الاردىIII
BAR-304	Islamic Studies (Islamic Civilization under the Abbasid and Muslim Spain) III	الدراسات الاسلاميةIII
BAR-305	General English-III	اللغة الانجليزيةIII
BAR-306	EVS	علوم البيئة

Semester - IV   الفصل الرابع

BAR-401	Arabic Text-IV	النص العربى IV
BAR-402	Arabic Grammar (Syntax and Motphology) IV	النحو والصرف IV
BAR-403	Urdu (Novel and Afsana)IV	الادب الاردىIV
BAR_404	Islamic Studies (Islamci Sciences) _IV	الدراسات الاسلام IVة
BAR-405	General English-IV	اللغة الانجليزيةIVآ

Semester - V   الفصل الخامس

BAR-501	Arabic Prose	النص العربى V
BAR-502	Translation (ArabicEnglish and Vice Versa)	الترجمة والانشاء
BAR-503	Introduction to Arab World	العالم العربى
BAR-504	Urdu (Drama and Tanzo Mazah)	الادب الأدرىV
BAR-505	Islamic Studies (Islam In Modern World) V	الدراسات الاسلاميةV
BAR-506	General English V	اللغة الانجليزيةV

B.A. Arabic (Hons.)

Semester -VI	**الفصل السادس**
BAR-601 Arabic Prose and Poetry	النثر والشعر العربى
BAR-602 Oral Expression in Arabic	التعبير الشفوى
BAR-603 History of Arabic Literature	تاريخ الادب العربى
BAR-604 Urdu (Adabi Tanqeed) VI	الادب الاردىVI
BAR-605 Islamic Studies (Islamic Tenets and Institutions)VI	الدراسات الاسلاميةVI
BAR-606 General English-VI	اللغة الانجليزيةVI

Intake : 30

General	:	**20 seats**
Self Supporting	:	**10 seats**

Eligibility for Admission

- Passed 10+2 examination from any recognized Board of Senior Secondary School Education.
- Alimiat / Faziliat with English as compulsory subject.
- Candidates appearing in the qualifying examination and those whose result of the qualifying examination is awaited can also apply provisionally.

Admission to B. A. Arabic (Hons.) is made on the basis of merit secured by the applicants in the qualifying examination.

Fee Structure Per Semester

1.	Admission Fee		:	Rs. 1,250/-
2.	Tuition Fee			
	i.	Semester First	:	Rs. 4,500/-
	ii.	Semester Second	:	Rs. 5,500/-
	iii.	Semester Third	:	Rs. 5,500/-
	iv.	Semester Fourth	:	Rs. 5,500/-
	v.	Semester Fifth	:	Rs. 5,500/-
	vi.	Semester Sixth	:	Rs. 5,500/-
3.	Career Counseling & Placement Assistance		:	Rs. 5,00/-
4.	Library Fee		:	Rs. 6,50/-
5.	Sports Fee		:	Rs. 6,50/-
6.	Computer Lab. Fee		:	Rs. 6,50/-
7.	Laboratory Maintenance Fee		:	Rs. 6,50/-
8.	University Development Fund		:	Rs. 6,50/-
9.	University Corpus Fund		:	Rs. 1,000/-
10.	One Time Security (Refundable)		:	Rs. 1,000/-
11.	Self Supporting Fee (One Time)		:	Rs. 60,000/-

M. A. Arabic

The Masters programme in Arabic is 2 Years, 4 Semesters full-time programme. Every student enrolled to it is required to pass 16 theory and viva - voce. courses. Apart from Arabic, the students are imparted teaching in Communicative English and Computer fundamentals which improves their employability.

Course Curriculum

Semester I

Course Code	Course Title
MAR 141	Classical Arabic Prose - I
MAR 142	Classical Arabic Poetry - I
MAR 143	History of Arabic Literature - I
MAR 144	Applied Arabic Grammar and Morphology

Semester II

Course Code	Course Title
MAR 241	Classical Arabic Prose - II
MAR 242	Classical Arabic Poetry - II
MAR 243	History of Arabic Literature - II

Choice Based Open Elective Courses (One of the following)

Course Code	Course Title
Math 201	Mathematical Tools for Real World Problems
IT 202	Soft Skills in Information Technology
Comp 203	Computer Applications & Operations
Bio 204	Fundamentals of Biotechnology
Bot 205	Mysteries of Green Plants
Bot 206	Botany in Rural Development
Zol 207	Nutrition, Health & Hygiene
Eng 209	Applied English
Edu 210	Higher Education
Eco 211	Principles of Banking
HT 212	Basics of Tourism & Travel Agencies
HT 213	Tourism Resources of J&K
Mgt. 214	Business Communication and Soft Skills
Edu 215	Instructional Technology

Semester III

Course Code	Course Title
MAR 341	Modern Arabic Prose - I
MAR 342	Modern Arabic Poetry - I
MAR 343	Translation: English to Arabic & Vice - Versa - I

Choice Based Complementary Elective Courses (One of the following courses)

Course Code	Course Title
MAR 344	Fundamentals of Literary Criticism
MAR 345	Arabic Literature in India
MAR 346	Mahjar Literature
MAR 347	Arabic Literature in Spain
MAR 348	Modern Trends in Arabic Literature

Semester IV

Course Code	Course Title
MAR 441	Modern Arabic Prose - II
MAR442	Modern Arabic Poetry - II
MAR 443	Translation: English to Arabic & Vice Versa - II
MAR 444	Fundamentals of Rhetoric
MAR 445	Viva Voce

Intake : 30

General	:	**25 seats**	10% of the general seats (2.5) are reserved for B.A. Arabic (Hons.) passouts of BGSB University.
Self Supporting	:	**05 seats**	However, they will also be required to fulfill all the eligibility requirements.

Eligibility for Admission

- Bachelors' degree (10+2+3 pattern) or any other degree equivalent thereto from a recognized university with Arabic as one of the subjects.

- Candidates who have appeared or are appearing in the Final Year examination of the qualifying degree are also eligible to apply provisionally.

For admission to Masters in Arabic programme merit will be calculated by adding marks secured by applicants in Arabic paper in B.A. Part I, II & III Exams. to their total marks in the Bachelor's degree examination.

M. A. Arabic

Fee Structure Per Semester

1.	Admission Fee	:	Rs. 1,250/-
2.	Tuition Fee		
	i. Semester First	:	Rs. 17,000/-
	ii. Semester Second	:	Rs. 18,000/-
	iii. Semester Third	:	Rs. 18,000/-
	iv. Semester Fourth	:	Rs. 18,000/-
3.	Career Counseling & Placement Assistance	:	Rs. 1,000/-
4.	Library Fee	:	Rs. 7,50/-
5.	Sports Fee	:	Rs. 7,50/-
6.	Computer Lab. Fee	:	Rs. 7,50/-
7.	Laboratory Maintenance Fee	:	Rs. 7,50/-
8.	University Development Fund	:	Rs. 7,50/-
9.	University Corpus Fund	:	Rs. 1,000/-
10.	One Time Security (Refundable)	:	Rs. 1,000/-
11.	Self Supporting Fee (One Time)	:	Rs. 60,000/-

M. A. Islamic Studies

At the time the University was founded in 2005, five Schools of Studies were conceived of which School of Islamic Studies and Languages was one. For a little over a decade the School continued with a single Department, namely Department of Arabic which offers B.A. Arabic (Hons), M.A. Arabic, M.Phil and Ph.D programmes. Department of English was added in 2014. All along this period need was felt for Department of Islamic Studies from which the School gets its name. No course is as appropriate for this University as is of Islamic Studies.

The proposed Department will open avenues for passouts of nearly 10 Colleges of the State which teach Islamic Studies as an elective subject at under-graduate level. At present, postgraduate teaching in Islamic Studies is offered in the State only by Kashmir University.

The proposed programme will help learners in exploring Islam as religion, promoting study of Islamic culture and civilization besides imparting knowledge about social, political economic and cultural trends in Arab World and other Muslim Countries.

The areas of study of the programme will include history of Islam, Islam as religion, Muslim Philosophy, Comparative religion, Islamic finance and Islam in modern world.

Course curriculum

Semester I

Course Code	Course Title
MAI 101	History of Islamic Civilization (up to 750 CE); Origin & Development
MAI 102	Islamic religious sciences (Quran, Hadith)
MAI 103	Islam and Orientalism
MAI 104	Muslim Sects and Kalam
MAI 105	Arabic - I

Semester II

Course Code	Course Title
MAI 201	History of Islamic Civilization (Umayyad and Abbasids)
MAI 202	History of Islamic Civilizations in Medieval Period
MAI 203	Islamic Religious Sciences: Fiqh and Tasawwuf
MAI 204	Arabic - II

Electives: Choice Based Open Elective Courses (Opt any one of the following courses)

Math 201	Mathematical Tools for Real World Problems
IT 202	Soft Skills in Information Technology
Comp 203	Computer Applications & Operations
Bio 204	Fundamentals of Biotechnology
Bot 205	Mysteries of Green Plants
Bot 206	Botany in Rural Development
Zol 207	Nutrition, Health & Hygiene
Arab 208	Fundamental of Arabic Language
Eng 209	Applied English
Edu 210	Higher Education
Eco 211	Principles of Banking
HT 212	Basics of Tourism & Travel Agencies
HT 213	Tourism Resources of J&K
Mgt 214	Business Communication & Soft Skills
Edu 215	Instructional Technology

Semester III

Course Code	Course Title
MAI 301	Islamic Civilization in Medieval India
MAI 302	Muslim Reform Movements / Institutions in Indian sub continent
MAI 303	Islam in the Modern Age (West Asia)
MAI 304	Islamic Finance and Investment

Complementary Choice Based Electives (One of the following)

MAI 305	Proficiency in Arabic
MAI 306	Islamic civilization in Central Asia
MAI 307	Islamic Civilization in South East Asia
MAI 308	Islam in the World; Thinkers, trends and movements in South Asia

Semester IV

Course Code	Course Title
MAI 401	Islam in Indian Sub Continent

M. A. Islamic Studies

	and Muslim thinkers	MAI 404	Major World Religions (Semitic
MAI 402	Islam in the Modern Age		Religions)
MAI 403	Islam; women and feminism	MAI 405	Arabic - III

Intake : 25

General	:	**20 seats**
Self Supporting	:	**05 seats**

Eligibility for Admission

- Bachelors' degree (10+2+3 pattern) or any other degree equivalent thereto from a recognized university.
- Candidates who have appeared or are appearing in the Final Year examination of the qualifying degree are also eligible to apply provisionally.

Selection shall be made on the basis of the marks secured by the candidates in qualifying examination.

Fee Structure Per Semester

1.	Admission Fee			Rs. 1,250/-
2.	Tuition Fee			
	i.	Semester First		:	Rs. 7,000/-
	ii.	Semester Second		:	Rs. 8,000/-
	iii.	Semester Third		:	Rs. 8,000/-
	iv.	Semester Fourth		:	Rs. 8,000/-
3.	Career Counseling & Placement Assistance		:	Rs. 1,000/-
4.	Library Fee		:	Rs. 7,50/-
5.	Sports Fee		:	Rs. 7,50/-
6.	Computer Lab. Fee		:	Rs. 7,50/-
7.	Laboratory Maintenance Fee		:	Rs. 7,50/-
8.	University Development Fund		:	Rs. 7,50/-
9.	University Corpus Fund		:	Rs. 1,000/-
10.	One Time Security (Refundable)		:	Rs. 1,000/-
11.	Self Supporting Fee (One Time)		:	Rs. 60,000/-

M. A. Urdu

The University has School of Islamic Studies and Languages with Masters programmes in Arabic and English. Urdu is taught at undergraduate level to students of B. A. Arabic (Hons.) There was persistent demand for introduction of Masters Degree programme in Urdu in view of the fact that it is taught at undergraduate level in all Colleges of the twin districts of Rajouri and Poonch and the passouts have no avenues for pursuing it at postgraduate level. Moreover Urdu is the official language of Jammu & Kashmir State and the second most popular language of the country. Poonch and Rajouri has given birth to great Urdu scholars; Krishen Chander and Chiragh Hasain Hasrat, to name a few.

Course Curriculum

Semester I

Course Code	Course Title
MUR 101	Origin and Development of Urdu Language
MUR 102	Origin and Development of Urdu Literature
MUR 103	Development of Classical Urdu Poetry (Nazm and Ghazal)
MUR 104	Development of Classical Urdu Prose (Masnavi and Qasida)

Semester II

Course Code	Course Title
MUR 201	Modern Urdu Ghazal
MUR 202	Urdu Nazm
MUR 203	Urdu Novel and Afsana
MUR 204	Urdu Drama and Dastan

Choice Based Open Elective Courses (One of the following courses)

Math 201	Math Tools for Real World Problems
IT 202	Soft Skills in Information Technology
Comp 203	Computer Applications & Operations
Bio 204	Fundamentals of Biotechnology
Bot 205	Mysteries of Green Plants
Bot 206	Botany in Rural Development
Zol 207	Nutrition, Health & Hygiene
Ara 208	Fundamentals of Arabic Language
Eng 209	Applied English

Edu 210	Higher Education
Eco 211	Principles of Banking
HT 212	Basics of Tourism & Travel Agencies
HT 213	Tourism Resources of J&K
Mgt 214	Business Communication & Soft Skills
Edu 215	Instructional Technology

Semester III

Course Code	Course Title
MUR 301	Urdu Prose (Tanzo Mazah)
MUR 302	Non Fiction Prose
MUR 303	Principles of Literary Criticism
MUR 304	Composite tradition of Urdu & Persion

Complementary Choice Based Electives (One of the following)

MUR 305	Special Study of Ghalib
MUR 306	Special Study of Mir Taqi Mir
MUR 307	Special Study of Iqbal
MUR 308	Special Study of Prem Chand
MUR 309	Special Study of Alami Fiction

Semester IV

Course Code	Course Title
MUR 401	History of Urdu Poetry
MUR 402	Urdu Linguistics
MUR 403	Urdu language & literature in J&K
MUR 404	Print and Mass media

Intake : 25

General	:	**20 seats**
Self Supporting	:	**05 seats**

Eligibility for Admission

- Bachelors' degree (10+2+3 pattern) or any other degree equivalent thereto from a recognized university with Urdu as one of the subjects.
- Candidates who have appeared or are appearing in the Final Year examination of the qualifying degree are also eligible to apply provisionally.

Selection shall be made on the basis of the marks secured by the candidates in qualifying examination plus marks in Urdu.

M. A. Urdu

Fee Structure Per Semester

1.	Admission Fee	:	Rs. 1,250/-
2.	Tuition Fee		
	i. Semester First	:	Rs. 17,000/-
	ii. Semester Second	:	Rs. 18,000/-
	iii. Semester Third	:	Rs. 18,000/-
	iv. Semester Fourth	:	Rs. 18,000/-
3.	Career Counseling & Placement Assistance	:	Rs. 1,000/-
4.	Library Fee	:	Rs. 7,50/-
5.	Sports Fee	:	Rs. 7,50/-
6.	Computer Lab. Fee	:	Rs. 7,50/-
7.	Laboratory Maintenance Fee	:	Rs. 7,50/-
8.	University Development Fund	:	Rs. 7,50/-
9.	University Corpus Fund	:	Rs. 1,000/-
10.	One Time Security (Refundable)	:	Rs. 1,000/-
11.	Self Supporting Fee (One Time)	:	Rs. 60,000/-

Resident Faculty

Dr. Shams Kamal Anjum	**Head of the Department**	Ph. D
Dr. Md. Affan		Ph. D
Dr. Mohd. Azam		Ph. D
Dr. Manzar Alam		Ph. D
Dr. Mushtaq Ahmed Wani		Ph. D
Dr. Layaqat Hussain		Ph. D
Dr. Aqeela		Ph. D
Mr. Naseer-ud-Din Sofi		M. A. English

Masters degree in English

On account of its reach and richness English language has grown in its popularity and become the world language. Even countries averse to it in the past are attempting to gain proficiency in this language. With the world having shrunk and the job and trade markets becoming open to all irrespective of nationality more and more young Indians are moving out of the Country in pursuit of greener pastures. Proficiency in English provides them an edge over others. No wonder therefore, to find Indians occupying high positions in all spheres the World over.

Indians have lately taken to writing in English. Quite a few have earned distinction and their writings are in great demand.

In view of its richness as language and the help it provides in gaining employability the University has instituted full time post - graduate programme in English extending over two years and four semesters.

Course Curriculum

Semester I

Course Code	Course Title
Eng 101	British Non-Fictional Prose
Eng 102	British Drama - I
Eng 103	British Poetry - I
Eng 104	British Novel - I

Semester II

Course Code	Course Title
Eng 201	Literary Theory and Criticism - I
Eng 202	British Drama - II
Eng 203	British Poetry - II

Choice Based Open Elective Courses (Opt any one of the following courses)

Course Code	Course Title
Math 201	Mathematical Tools for Real World Problems
IT 202	Soft Skills in Information Technology
Comp 203	Computer Applications & Operations
Bio 204	Fundamentals of Biotechnology
Bot 205	Mysteries of Green Plants
Bot 206	Botany in Rural Development
Zol 207	Nutrition, Health & Hygiene
Ara 208	Fundamental of Arabic Language
Edu 210	Higher Education

Course Code	Course Title
Eco 211	Principles of Banking
HT 212	Basics of Tourism & Travel Agencies
HT 213	Tourism Resources of J&K
Mgt 214	Business Communication & Soft Skills
Edu 215	Instructional Technology

Semester III

Course Code	Course Title
Eng 301	Literary Theory and Criticism - II
Eng 302	Indian English Literature
Eng 303	Modern Poetry
Eng 304	British Novel- II

Semester IV

Course Code	Course Title
Eng 401	Literary Theory and Criticism - III
Eng 402	American Literature
Eng 403	New Literature

Choice Based Complementary Elective Courses (One of the following courses)

Course Code	Course Title
Eng 450	Introduction to Sufism
Eng 451	Postcolonial Literature
Eng 452	Literature and Gender

Intake : 40

General	:	**25 seats**
Self Supporting	:	**15 seats**

Masters degree in English

Eligibility for Admission

- Bachelors' degree of 10+2+3 pattern with English Literature as one of the subjects or any other degree recognized equivalent thereto from any recognized university. In case seats are available graduates without English Literature will be considered.
- Candidates who have appeared or are appearing in the Final Year examination of the qualifying degree are also eligible to apply provisionally.

For admission to Masters Degree Programme in English, merit will be calculated by adding marks secured by applicants in English Literature in B. A Part I, II & III exams to their total marks in Bachelors Degree examination.

Resident Faculty

Dr. Romina Rashid	**Head of the Department**	M. A, Ph. D, SLET
Dr. Shachi Sood		M. A, Ph. D
Mr. Tanvir Ahmed		M.A, M. Phil., SET
Ms. Mariya Aslam		M.A, SET

Fee Structure Per Semester

1.	Admission Fee	:	Rs. 1,250/-
2.	Tuition Fee		
	i. Semester First	:	Rs. 25,000/-
	ii. Semester Second	:	Rs. 26,000/-
	iii. Semester Third	:	Rs. 26,000/-
	iv. Semester Fourth	:	Rs. 26,000/-
3.	Career Counseling & Placement Assistance	:	Rs. 1,000/-
4.	Library Fee	:	Rs. 7,50/-
5.	Sports Fee	:	Rs. 7,50/-
6.	Science / Computer Lab. Fee	:	Rs. 7,50/-
7.	Laboratory Maintenance Fee	:	Rs. 7,50/-
8.	University Development Fund	:	Rs. 7,50/-
9.	University Corpus Fund	:	Rs. 1,000/-
10.	One Time Security (Refundable)	:	Rs. 1,000/-
11.	Self financing (One Time)	:	Rs. 80,000/-

M. Phil. & Ph. D. Programmes

The Department has initiated M. Phil. & Ph. D. Programmes. The first batch has been enrolled for both.

School of Education

Department of Education

Masters in Education (M. Ed.)

Education is a continuous and dynamic process that extends from cradle to coffin. Everyday is a day of learning. It is a never ending process that humanizes humanity and makes life progressive, cultured and civilised. It helps in moulding thinking, reasoning, problem solving and creativity. Education is distinct from teaching in as much as it aims at all round development of personality. "It is the manifestation of divine perfection already existing in man". We require teachers who can build the character, strengthen the mind and expand the intellect of young learners. The two years Masters programme has been developed with the objective of training young men and women and making them capable of drawing out the best in the body, mind and spirit of the children they teach by touching their heart and arousing their abilities.

Course Curriculum

Semester I

Course Code	Course Title
M.Ed 110	Philosophical Perspectives of Education
M.Ed 111	Psychology of Learning & Development
M.Ed 112	Historical & Political Perspectives of Education
M.Ed 113	Methodology of Educational Research

Practicum

Course Code	Course Title
M.Ed 114	Self Development (Communication & Expository Writing)
M.Ed 115	Computer Fundamentals & its Applications

Semester II

Course Code	Course Title
M.Ed 210	Sociological Perspectives of Education
M.Ed 211	Teacher Education
M.Ed 212	Advanced Educational Statistics
M.Ed 213	Comparative Education & Curriculum Development

Choice Based Open Elective Courses (One of the following courses)

Course Code	Course Title
Math 201	Mathematical Tools for Real World Problems
IT 202	Soft Skills in Information Technology
Comp 203	Computer Applications and Operations
Bio 204	Fundamentals of Biotechnology
Bot 205	Mysteries of Green Plants
Bot 206	Botany in Rural Development
Zol 207	Nutrition, Health & Hygiene
Ara 208	Fundamental of Arabic Language
Eng 209	Applied English
Eco 211	Principles of Banking
HT 212	Basics of Tourism and Travel Agencies
HT 213	Tourism Resources of J&K
Mgt 214	Business Communication & Soft Skills

Semester III

Course Code	Course Title
M.Ed 310	Educational Technology
M.Ed 311	Educational Measurement and Evaluation
M.Ed 312	Issues and Problems in Indian Education

Choice Based Complementary Elective Courses (Opt one of the following courses)

Course Code	Course Title
M.Ed 313	Secondary Education
M.Ed 314	Environmental Education
M.Ed 315	Higher Education
M.Ed 316	Gender Studies

Practicum

Course Code	Course Title
M.Ed 350	Field Attachment / Internship

Semester IV

Course Code	Course Title
M.Ed 410	Educational Administration and Management
M.Ed 411	Information and Communication Technology
M.Ed 412	Inclusive Education
M.Ed 413	Dissertation

Choice Based Complementary Elective Courses

Masters in Education (M. Ed.)

(One of the following courses)		M.Ed 416	History and Problems of education in J&K
M.Ed 414	Guidance and Counselling		
M.Ed 415	Early Childhood care and Education	M.Ed 417	Mental Health and Education

Intake : 50

General	:	**35 seats**
Self Supporting	:	**15 seats**

Eligibility for Admission

- Bachelors' degree of 10+2+3 pattern and B. Ed. Degree
- Candidates appearing in the Examination of the qualifying degree i.e B. Ed and those whose result of the same is awaited, can also apply provisionally.
- In- service candidates have to append NOC from their employer and a certificate stating that he / she shall be on authorised leave during the period of M.Ed programme.

Selection shall be made on the basis of the marks secured by the candidates in qualifying examination.

Resident Faculty

Dr. Firdous Ahmad Sofi	:	M. A, M. Ed, NET, SLET, M. Phil, Ph. D, PGDHE,DCA
Dr. Mehraj Ahmad Bhat	:	M. A, M. Ed, NET, Ph. D
Dr. Nayyar Jabeen	:	M. Sc, M. Ed, NET, Ph. D
Mr. Altaf Hussain	:	M. A, M. Ed, NET
Dr. Azad Ahmad Andrabi	:	M. Sc, M. Ed, NET, Ph. D
Ms. Sayema Kouser	:	M. A, M. Ed

Fee Structure Per Semester

1.	Admission Fee		:	Rs. 1,250/-
2.	Tuition Fee			
	i.	Semester First	:	Rs. 28,000/-
	ii.	Semester Second	:	Rs. 29,000/-
	iii.	Semester Third	:	Rs. 29,000/-
	iv.	Semester Fourth	:	Rs. 29,000/-
3.	Career Counseling & Placement Assistance		:	Rs. 1,000/-
4.	Library Fee		:	Rs. 7,50/-
5.	Sports Fee		:	Rs. 7,50/-
6.	Science / Computer Lab. Fee		:	Rs. 7,50/-
7.	Laboratory Maintenance Fee		:	Rs. 7,50/-
8.	University Development Fund		:	Rs. 7,50/-
9.	University Corpus Fund		:	Rs. 1,000/-
10.	One Time Security (Refundable)		:	Rs. 1,000/-
11.	Self financing (One Time)		:	Rs. 1,50,000/-

School of Biosciences & Biotechnology

M. Sc. Biotechnology

M. Sc. Botany

M. Sc. Zoology

M. Phil in Botany, Biotechnology & Zoology

Ph. D in Botany, Biotechnology & Zoology

School of Biosciences and Biotechnology

The School comprises the Centre for Biodiversity Studies, the Pir Panjal Biodiversity Park and three postgraduate Departments which impart teaching in Biotechnology, Botany & Zoology and conduct research leading to M. Phil and Ph. D Degrees.

The School is involved in research in basic and applied aspects. All research projects are externally funded :

Ongoing Projects

- Socio economic upliftment of rural women belonging to SC/ST communities through adoption of eco-friendly technologies in Dhanore region, Rajouri District of Jammu and Kashmir State (DBT, New Delhi).   **Rs. 45,66,000**

- Development of DNA Barcode for rapid identification of Rhabditid nematodes (DBT, New Delhi).   **Rs. 46,00,000**

- Preventing extinction and improving conservation status of threatened plants through application of biotechnology tools (DBT, New Delhi).   **Rs. 48,20,400**

- Proteomic investigation of ethylene and polyamine mediated reversal of chromium induced photosynthetic inhibition in *Brassica juncea* (DST, Govt. of India).

    Rs. 19,20,000

- The role of Calcium and Calcium binding proteins of the *Entamoeba histolytica* in the nucleus, (DST, Govt. of India).   **Rs. 19,72,0*00***

- Molecular mechanisms mediating protective effect of *Mentha longifolia* and *Mentha arvensis* against chemotherapy induced gastrointestinal mucositis in animal models (UGC, New Delhi).   **Rs. 10,00,000**

- Establishment of Herbal Garden **(**National Medicinal Plant Board, New Delhi)

    Rs. 22,00,000

Internet & Library

The School maintains a library which is being enriched regularly with financial support from DBT, Govt. of India, the UGC grant and gifts received from different sources.

- It also has a Wi-Fi enabled Internet facility which feeds all laboratories and teachers' cabins for use by the faculty and students.

- The School has received extramural funds for teaching and research from various funding agencies to the tune of about rupees 9 Crores.

M. Sc. Biotechnology

Masters programme in Biotechnology is of two years duration spread over 4 Semesters. The first three Semesters are devoted to Course work, which is imparted through 17 theory and 10 laboratory courses. In the last Semester students are required to undertake research work for compiling the dissertation. Masters degree is awarded to students who collect 96 credits: theory 48, lab 24 & Dissertation 24.

The Masters programme in Biotechnology is sponsored by the Department of Biotechnology, Government of India. Every student enrolled to this course receives a stipend of Rs 3000/- per month and lumpsum grant of Rs 50,000/- for undertaking project work during the final Semester.

Course Curriculum

Semester I

Course Code	Course Title
MB 101	Plant Bioresources
MB 102	Animal Bioresources
MB 103	Cell Biology
MB 104	Biomolecules
MB 105	Microbial Physiology and Genetics
MB 106	Molecular Biology

Lab Courses

MB 120	Lab on Plant & Animal Bioresources
MB 121	Lab on Cell Biology & Molecular Biology
MB 122	Lab on Biomolecules, Microbial Physiology & Genetics

Semester II

Course Code	Course Title
MB 201	Enzymology and Biochemical Techniques
MB 202	Genetic Engineering
MB 203	Bioenergetics and Metabolism
MB204	Characterization, Evaluation and Exchange of Bioresources
MB 205	Bioinformatics and Biostatistics
MB 206	Genomics and Functional Genomics

Lab Courses

MB 220	Lab on Enzymology , Biochemical Techniques & Genetic Engineering
MB 221	Lab on Bioenergetics Metabolism & Genomics and Functional Genomics
MB 222	Lab on Characterization, Evaluation and Exchange of Bioresources & Bioinformatics and Biostatistics

Semester III

Course Code	Course Title
MB 301	Animal Biotechnology
MB 302	Plant Biotechnology
MB 303	Bioresources: Assessment, Threats and Conservation
MB 304	Biology of the Immune System
MB 305	Bioprocess Engineering and Technology

Lab Courses

MB 320	Lab on Animal & Plant Biotechnology
MB 321	Lab on Bioresources: Assessment, Threats and Conservation
MB 322	Lab on Biology of the Immune System
MB 323	Lab on Bioprocess Engineering and Technology

Semester IV

Course Code	Course Title
MB 401	Dissertation & Summer Training

M. Sc. Biotechnology

Intake : 14

Total Seats	:	12 + 2
Open Merit	:	09
Scheduled Caste	:	01
Scheduled Tribe	:	01
Physically Handicapped	:	01
Self - Supporting	:	02

Eligibility for Admission

● Bachelors' degree in Physical, Biological, Agricultural, Veterinary and Fishery Sciences, Pharmacy, Engineering / Technology, 4-years B. Sc. (Physician Assistant Course); MBBS or B. D. S. with at least 55% marks.

● Candidates appearing in the Final Year Examination of the qualifying degree, and those whose result of the same is awaited, can also apply provisionally.

Procedure for Admission

● Students are admitted through Combined Entrance Test conducted by Jawaharlal Nehru University, New Delhi/ written Entrance Test that will be conducted by the University following notification in print and electronic media. The Test will be conducted in the School of Biosciences & Biotechnology at BGSB University campus and any other Centre if the University so decides. The Syllabus and Model Question Paper for Entrance Test will be uploaded on the University website wherefrom they can be downloaded.

Admission will be based on the Combined merit of students in the Entrance Test and the qualifying examination (70:30).

Fee Structure Per Semester

1.	Admission Fee	:	Rs. 1,250/-
2.	Tuition Fee		
	i. Semester First	:	Rs. 32,000/-
	ii. Semester Second	:	Rs. 33,000/-
	iii. Semester Third	:	Rs. 33,500/-
	iv. Semester Fourth	:	Rs. 33,000/-
3.	Career Counseling & Placement Assistance	:	Rs. 1,000/-
4.	Library Fee	:	Rs. 7,50/-
5.	Sports Fee	:	Rs. 7,50/-
6.	Science / Computer Lab. Fee	:	Rs. 7,50/-
7.	Laboratory Maintenance Fee	:	Rs. 7,50/-
8.	University Development Fund	:	Rs. 7,50/-
9.	University Corpus Fund	:	Rs. 1,000/-
10.	One Time Security (Refundable)	:	Rs. 1,000/-
11.	Self - Supporting fee (One Time)	:	Rs. 1,80,000/-

M.Sc. Botany

Course Curriculum

Semester I

Course Code	Course Title
Bot 150	Algae & Lichens : Structure and diversity
Bot 151	Bryophytes and pteridophytes: Structure and diversity
Bot 152	Cell and Molecular Biology of plants
Bot 153	Plant Morphology and Anatomy

Lab courses

Bot 160	Lab course based on Bot 150, Bot 151 & Bot 153
Bot 161	Lab course based on Bot 152

Semester II

Course Code	Course Title
Bot 250	Gymnosperms : Structure and diversity
Bot 251	Mycology and plant pathology
Bot 252	Plant Taxonomy
Bot 253	Bacteria and Viruses: Structure and Diversity

Choice Based Open Elective Course (Opt any one of the following)

Math 201	Mathematical Tools for Real World Problems
IT 202	Soft Skills in Information Technology
Comp 203	Computer Applications and Operations
Bio 204	Fundamentals of Biotechnology
Zol 207	Nutrition, Health & Hygiene
Arab 208	Fundamental of Arabic Language
Eng 209	Applied English
Edu 210	Higher Education
Eco 211	Principles of Banking
HT 212	Basics of Tourism and Travel Agencies
HT 213	Tourism Resources of J&K
Mgt. 214	Business Communication and Soft Skills
Edu 215	Instructional Technology

Lab courses

Bot 260	Lab course on Bot 250 and Bot 252
Bot 261	Lab course on Bot 251 and Bot 253

Semester III

Course Code	Course Title
Bot 350	Cytology and Cytogenetics
Bot 351	Reproductive Biology of Angiosperms
Bot 352	Plant Resources and Utilization
Bot 353	Biostatics & Computer Application

Choice Based Complimentary Electives (Opt any one of the following)

Bot 354	Forest Ecology - I
Bot 355	Stress Biology - I
Bot 356	Plant Biotechnology - I
Bot 357	Biodiversity and Conservation - I

Lab courses

Bot 360	Lab course based on Bot 350 351 and Bot 352
Bot 361	Lab course based on Bot 353 and Bot 354/355/356/357

Semester IV

Course Code	Course Title
Bot 450	Ecology & Environmental Biology
Bot 451	Plant Physiology and Biochemistry
Bot 452	Biotechnology and Genetics Engineering of plants and microbes
Bot 453	Ethno-botany, Traditional Knowledge and Intellectual Property

Choice based Complimentary Electives (Opt any one of the following)

Bot 454	Forest Ecology - II
Bot 455	Stress Biology - II
Bot 456	Plant Biotechnology - II
Bot 457	Biodiversity and Conservation - II

Lab courses

Bot 420	Lab course based on Bot 450, 453 and Bot 454/455/456/457
Bot 421	Lab course based on Bot 451 & Bot 452

M.Sc. Botany

Intake : 30

General	:	15 seats
Self Supporting	:	15 seats

Eligibility for Admission

- Bachelors degree of 10+2+3 pattern with Botany as one of the subjects or any other degree recognized equivalent thereto from any recognized university.
- Candidates appearing in the Final Year Examination of the qualifying degree and those whose result of the same is awaited, can also apply provisionally.

Procedure of Admission

- For admission to Masters degree programme in Botany, all eligible candidates are required to undergo written Entrance Test which will be conducted at BGSB University Campus, Rajouri & any other centres, if the University so decides.
- Syllabus and Model Question Paper for the Entrance Test will be available on the University website wherefrom these can be downloaded. Admit Card for Entrance Test will be collected by the candidates from the concerned School / Branch Office Jammu / Regional Office Srinagar.

  Admission will be based on the Combined merit of students in the Entrance Test & the qualifying examination (70:30).

Fee Structure Per Semester

1.	Admission Fee	:	Rs. 1,250/-
2.	Tuition Fee		
	i. Semester First	:	Rs. 36,000/-
	ii. Semester Second	:	Rs. 37,000/-
	iii. Semester Third	:	Rs. 37,000/-
	iv. Semester Fourth	:	Rs. 37,000/-
3.	Career Counseling & Placement Assistance	:	Rs. 1,000/-
4.	Library Fee	:	Rs. 7,50/-
5.	Sports Fee	:	Rs. 7,50/-
6.	Science / Computer Lab. Fee	:	Rs. 7,50/-
7.	Laboratory Maintenance Fee	:	Rs. 7,50/-
8.	University Development Fund	:	Rs. 7,50/-
9.	University Corpus Fund	:	Rs. 1,000/
10.	One Time Security (Refundable)	:	Rs. 1,000/-
11.	Self - Supporting fee (One Time)	:	Rs. 1,80,000/-

M.Sc. Zoology

Course Curriculum

Semester I

Course Code	Course Title
Zol 150	Principles of Animal Taxonomy
Zol 151	Animal Resources and their Utilization
Zol 152	Invertebrates : structure function
Zol 153	Cell Biology
Zol 154	Molecular Biology
Zol 155	Bacteria and Viruses : structure and diversity

Lab courses

Zol 160	Lab course on Animal Taxonomy & Animal Resources
Zol 161	Lab course on Bacteria , Viruses & Cell Biology
Zol 162	Lab course on Invertebrates & Molecular Biology

Semester II

Course Code	Course Title
Zol 250	Vertebrates : Structure & Function
Zol 251	Genetic Engineering
Zol 252	Fundamentals of Biochemistry
Zol 253	Bioinformatics and Biostatics

Choice Based Open Elective Course (Opt any one of the following)

Math 201	Mathematical Tools for Real World Problems
IT 202	Soft Skills in Information Technology
Comp 203	Computer Applications and Operations
Bio 204	Fundamentals of Biotechnology
Bot 205	Mysteries of Green Plants
Bot 206	Botany in Rural Developments
Arab 208	Fundamental of Arabic Language
Eng 209	Applied English
Edu 210	Higher Education
Eco 211	Principles of Banking
HT 212	Basics of Tourism & Travel Agencies
HT 213	Tourism Resources of J&K
Mgt. 214	Business Communication & Soft Skills
Edu 215	Instructional Technology

Lab courses

Zol 260	Lab course on Vertebrates, Bioinformatics and Biostatistics
Zol 261	Lab course on Biochemistry & Genetic Engineering,

Semester III

Course Code	Course Title
Zol 350	Animal Biotechnology
Zol 351	Animal Resources, threats and conservation
Zol 352	Biology of the Immune System
Zol 353	Cytology and Cytogenetics

Choice Based Complimentary Elective Course (Opt any one of the following)

Zol 354	Principles of Parasitology
Zol 355	Insect Morphology
Zol 356	Elements of Ichthyology

Lab courses

Zol 360	Lab course on Animal Biotechnology & Biology of Immune System
Zol 361	Lab course on Elective course , Animal Resources, threats and conservation & Cytology and Cytogenetics

Semester IV

Course Code	Course Title
Zol 450	Ecology and Environmental Biology
Zol 451	Animal Physiology
Zol 452	Insects & Fishes : Structure & Diversity
Zol 453	Endocrinology, Reproduction and Development

Choice Based Complimentary Elective Course (Any one of the following)

Zol 454	Nematode structure
Zol 455	Human Genetics
Zol 456	Wildlife Biology, Conservation and Management

Lab courses

Zol 460	Lab course on Ecology and Environmental Biology, Insects and Fishes: structure and diversity & Elective paper

M.Sc. Zoology

Zol 461   Lab course on Animal
                        Physiology & Endocrinology,
                        Reproduction and Development

Intake :30

| General | : | **15 seats** |
| Self Supporting | : | **15 seats** |

Eligibility for Admission

- Bachelors degree of 10+2+3 pattern with Zoology as one of the subjects or any other degree recognized equivalent thereto from any recognized university.
- Candidates appearing in the Final Year Examination of the qualifying degree and those whose result of the same is awaited, can also apply provisionally.

Procedure of Admission

- For admission to Masters degree programme in Zoology, all eligible candidates are required to undergo written Entrance Test which will be conducted at BGSB University Campus, Rajouri & at any other centres, if the University so decides.
- Syllabus and Model Question Paper for the Entrance Test will be available on the University website wherefrom these can be downloaded. Admit Card for Entrance Test will be collected by the candidates from the concerned School / Branch Office Jammu / Regional Office Srinagar.
  Admission will be based on the Combined merit of students in the Entrance Test & the qualifying examination (70:30).

Fee Structure Per Semester

1.	Admission Fee	:	Rs. 1,250/-
2.	Tuition Fee		
	i. Semester First	:	Rs. 36,000/-
	ii. Semester Second	:	Rs. 37,000/-
	iii. Semester Third	:	Rs. 37,000/-
	iv. Semester Fourth	:	Rs. 37,000/-
3.	Career Counseling & Placement Assistance	:	Rs. 1,000/-
4.	Library Fee	:	Rs. 750/-
5.	Sports Fee	:	Rs. 750/-
6.	Science / Computer Lab. Fee	:	Rs. 750/-
7.	Laboratory Maintenance Fee	:	Rs. 750/-
8.	University Development Fund	:	Rs. 750/-
9.	University Corpus Fund	:	Rs. 1,000/-
10.	One Time Security (Refundable)	:	Rs. 1,000/-
11.	Self - Supporting fee (One Time)	:	Rs. 1,80,000/-

M. Phil. and Doctoral Programme

Research is an important component of the mandate of the School and the Centre for Biodiversity Studies, the other two being Teaching and Extension. The research programmes of the School have attracted liberal funding from different National agencies. Today, the School has over a dozen scholars involved in research in classical and modern biology. The faculty is well qualified. Besides being involved in their own research pursuits they supervise research leading to M.Phil. and Ph.D Degrees. The department has produced seven Ph. D. theses and five batches of M. Phil.

Resident Faculty

Prof. G. H. Dar	**Director & Dean**	M. Phil, Ph. D.
Dr. Susheel Verma		Ph. D.
Dr. Ali Asghar Shah		M. Phil., Ph. D.
Dr. Shreekar Pant		Ph. D.
Dr. Mamta Bhat		M. Sc. / NET, Ph. D.
Dr. Tanvir -Ul-Hassan Dar		M. Phil, Ph. D
Dr. Saima Aslam		Ph. D
Dr. Raja Amir Hassan		Ph. D
Dr. Mohammad Abdul Hannan Khan		Ph. D
Dr. Shavish Vaid		NET, Ph. D.
Mr. Rakeeb Ahmad Dar		NET
Dr. Tariq Ahmad Dar		Ph. D, NET, GATE
Dr. Ankush Khajuria		NET, Ph. D.
Dr. Rifat Raina		M. Phil, Ph. D.
Dr. Mohd Fareed		GATE, Ph. D.

Guest Lecturers

S. No	Name of expert	Date
1.	Prof. Altaf Ahmed Wani, Ohio State University, USA	March 29, 2016
2.	Dr. Anil Joshi, Chairman, HESCO, Uttarakhand	May 12, 2016
3.	Dr. Virender Sharma, Director, MSME, J&K	Oct. 10, 2016
4.	Shri Rahul Taneja, Scientist, Patent Information Centre Haryana State Council for Tech., Panchkula, Haryana	Oct. 10, 2016
5.	Prof. G. M. Bhat, Dean, Faculty of Applied Science & Technology, University of Kashmir, Hazratbal	Oct. 10, 2016
6.	Dr. Ab. Matten Rafiqi, MCGILL University, Montreal, Canada	Oct. 24, 2016
7.	Prof. Javed Musarrat, Vice Chancellor, BGSBU, Rajouri	Dec. 13, 2016

Research Programmes

M. Phil. Programme

The University runs M. Phil. Programme in Schools of Biosciences & Biotechnology, Arabic, English, Management Studies, Education, Mathematical & Computer Sciences and Engineering & Technology strictly as per UGC Regulations of July 2016 with regard to Minimum Standards and Procedure for award of M. Phil / Ph. D. M. Phil. is full time course of one year duration comprising two semesters. The objective of the M. Phil. programme is to impart advanced knowledge to students in a particular area to prepare them for and initiate them into research. Every student admitted to the programme is required to offer and undertake course work or course and research work in the following manner:

a) 8 courses of study (4 courses in each semester), each course carrying 100 marks.

Or

b) 4 courses of study in the first and dissertation in the second semester; each course of study carrying 100 marks and dissertation carrying 400 marks.

M. Phil programme shall be for a minimum duration of two consecutive Semesters and a maximum of four consecutive Semesters.

Submission of Application Form

Application Form, complete in all respects, accompanied with following documents should be deposited in the office of the Head of the Department to which the candidate is seeking admission on or before the prescribed last date.

i) Date of Birth Certificate (Matriculation Certificate).

ii) Marks Cards & Certificates of the Qualifying examinations.

iii) Provisional Certificate

iv) Permanent Resident Certificate.

v) Character Certificate issued by Head of Institution last attended or a Gazetted Officer.

Number of Seats

The number of seats and availability of specializations shall be determined by each Department and communicated to the Office of Dean, Academic Affairs before notification for admission is issued.

Eligibility for admission

Second Division in Masters degree in the concerned subject or in a subject cognate to the one in which the candidate desires to pursue M. Phil. with at least 55% marks (50% marks for SC/ ST/ OBS candidates) or its equivalent grade 'B' in UGC 7 point scale, from a statutory University.

Mode of admission

The University will issue notification for admission in print and electronic media sometime in October / November after results of Final semester of Masters programmes of the University are declared or on such other date as the University may decide. Admission shall be made through Entrance Test followed by Interview to be conducted by the concerned Department during which the applicants are expected to discuss and make presentation about areas in which they intend to pursue research, the methodology and the expected outcome of the proposed work. To earn eligibility for appearing in the interview and for enrolment to M. Phil. programme a candidate is required to secure at least 50% marks in the Entrance Test.

Merit for admission shall be determined on the basis of the score of applicants in the Written Test, Presentation and the Interview together.

Result of the Entrance Test and Selection List

The result of Entrance Test and the Final selection list will be notified by each Department on the University website and the Departmental Notice Board. Students should, therefore, maintain contact with the Department, in their own interest.

University Fellowship

The University will award one Fellowship in each subject to the candidate who tops the Entrance Test (written plus presentation & interview) in that subject provided that he/she does not already hold Fellowship/ Assistant ship from any other source. The University also has provision of providing one Fellowship every year to a physically challenged Scholar.

Fee Structure

1.	Admission fee	Rs. 3000/-
2.	Registration fee	Rs. 1000/-
3.	Tuition / Research fee (Per Semester)	Rs. 16,000/-
4.	Sports fee	Rs. 1000/-
5.	Magazine fee	Rs. 1000/-
6.	Library fee	Rs. 2500/-
7.	University Development Fund	Rs. 2500/-
8.	Library Deposit (refundable)	Rs. 1000/-
9.	Computer Laboratory / Science Breakage fee	Rs. 2500/-
10.	Laboratory Maintenance and Usage fee	Rs. 2500/-
11.	Identity Card	Rs. 100/-
12.	Social Activities Fund	Rs. 400/-
13.	Security fee(refundable)	Rs. 1000/-
14.	University Corpus Fund	Rs. 1200/-

Ph. D Programme

Research and higher learning are so deeply interwoven that it is difficult to separate one from the other. Universities are recognised by the creative pursuits of their faculty and the students. The University has initiated research programmes in all its Schools. Fortunately, these have taken off fast. Today, the University has more than 50 scholars enrolled in various Schools.

The University runs Doctor of Philosophy programme and awards Ph. D. degree strictly as per UGC - Minimum Standards and Procedure for award of M. Phil / Ph. D Regulations of July 2016:

Arabic	Education
Applied Mathematics	Electronics & Communication Engg.
Botany	Information Technology
Biotechnology	Mathematics
Computer Sciences	Management Studies
English	Zoology

The Ph. D. programme of the University is based on course and research work. Before registration, every scholar enrolled to the programme is required to pursue and pass pre-Ph.D. course work, with at least 50% marks. Generally, one of the courses is designed to impart advanced knowledge of the field which the student desires to pursue for Doctoral degree, and the other on research methodology. Applicants who hold M. Phil degree with 55% marks from Universities which admit students through Entrance Test, and those who have qualified NET, NET- JRF, SLET, GATE or who hold Teacher Fellowship have the option to sit in the written Test or receive 50 % marks of the total marks earmarked for written Test.

A candidate enrolled to Ph. D. programme shall pursue research as whole-time student of the University. He will be required to submit the thesis, based on his findings, not earlier than three years including course work but not later than six years from the date of registration. No candidate can undertake employment or appear in any business / profession during the period of his study. Teachers of the University & Centres affiliated to it, non-teaching employees of the University and scientific staff of Research Institutions recognized by the University are eligible for registration for Ph. D. programme of the University as part-time scholars, after proceeding on authorised leave from their employer.

Admission Procedure

Notification for admission to Ph. D. progamme shall be issued by the University sometime in October / November after declaration of M. A./M. Sc /MBA/MCA results of the University or on a date as may be announced by the University.

Enrolment to Ph. D. programme shall be made through Entrance Test which candidates will be required to pass with at least 50% marks. Candidates shortlisted on the basis of their merit in the written test will be called by the concerned Dean / Head of the Department for presentation and Interview during which candidates are expected to discuss the area in which they intend to pursue research. Merit for admission shall be determined on the basis of total marks scored in the Entrance Test, Presentation and Interview.

Ph. D Programme

Eligibility for Admission

For admission to the Doctor of Philosophy programme a candidate must fulfil any of the following eligibility criteria:

(i) 55% marks in aggregate or its equivalent grade "B" in the UGC 7 -point Scale) in M. Phil Course Work; 50% for SC / ST, OBC - non creamy layer and differently abled candidates.

(ii) Masters degree or a professional degree declared equivalent to the Masters degree with atleast 55% marks (50% for SC / ST, OBC candidates) in aggregate or its equivalent grade "B" in the UGC 7 - point scale.

Intake

The number of seats, specializations and supervisors available for guiding research in each subject shall be determined & fixed every year by Deans of respective Schools in consultation with the Dean Academic Affairs before Notification for Admission to Entrance Test is issued in print and electronic media including University website.

University Fellowship

The University will award one Fellowship in each subject to the candidate who tops the Entrance Test (written, presentation and interview) in that subject provided that he/she does not already hold Fellowship/ Assistantship. The University also has provision of providing one Fellowship every year to a physically challenged Scholar. Candidates who choose to avert written test but are interested in availing University Fellowship will be required to appear and compete in the Entrance Test.

Submission of Application Form :

Application Form, complete in all respects, accompanied with following documents should be deposited in the office of the Head of the Department to which the candidate is seeking admission on or before the prescribed last date.

i) Date of Birth Certificate (Matriculation Certificate).

ii) Marks Cards & Certificates of the Qualifying examinations.

iii) Provisional Certificate.

iv) Permanent Resident Certificate.

v) Character Certificate issued by the Head of the Institution last attended or a Gazetted Officer.

vi) In case the candidate is seeking admission on the basis of M. Phil. Degree, a Certificate from the institute testifying that admission to M. Phil. programme was made through Entrance Test.

Result of the Entrance Test and Selection List

The result of Entrance Test, Presentation & Interview and the Final selection list will be notified by each Department on the University website and the Departmental Notice Board. Students should, therefore, maintain contact with the Department, in their own interest.

Ph. D Programme

Fee For Pre. Ph. D. (Six Months)

1.	Admission fee	Rs. 3,500
2.	Tuition fee	Rs. 19,000
3.	University Sports fee	Rs. 1,000
4.	Magazine fee	Rs. 1,000
5.	Library fee	Rs. 2,000
6.	University Development Fund	Rs. 2,000
7.	Library Deposit (refundable)	Rs. 1,000
8.	Computer Laboratory / Science Breakage fee	Rs. 2,000
9.	Laboratory Maintenance and Usage fee	Rs. 2,000
10.	Identity Card	Rs. 1,00
11.	Social Activities fee	Rs. 4,00
12.	Security fee (refundable)	Rs. 1,000
13.	University Corpus Fund	Rs. 1,000

Ph.D.

1. Supervisory fee (Six Months)
   - Sciences   Rs. 9,300
   - Non-Sciences   Rs. 7,800

Ph. D Programme

Anual Fees

1. Admission fee (payable only by direct entrants)   Rs. 5,500
2. Supervisory / Research fee payable at the time of passing
   Pre-Ph-D course work & subsequently every year thereafter.
   - Sciences   Rs. 18,600
   - Non - Sciences   Rs. 15,600
3. Magazine fee payable at the time of passing Pre-Ph-D
   course work & subsequently every year thereafter.   Rs. 1,000
4. Library fee payable at the time of passing Pre-Ph-D
   course work & subsequently every year thereafter.   Rs. 3,500
5. Library Deposit (refundable) (payable only by direct entrants).   Rs. 1,000
6. Computer laboratory / Science Breakage Fee payable at the time of
   passing Pre-Ph-D course work and subsequently every year thereafter.   Rs. 2,500
7. Security deposit (Refundable) (payable only by direct entrants).   Rs. 1,000
8. University Sports fee payable at the time of passing
   Pre-Ph-D course work & subsequently every year thereafter.   Rs. 1,000
9. Social activities fund - payable at the time of passing
   Pre-Ph-D course work & subsequently every year thereafter.   Rs. 2,500
10. University Development Fund - payable at the time of passing
    Pre-Ph-D course work & subsequently every year thereafter.   Rs. 1,500
11. University Corpus Fund - payable at the time of passing
    Pre-Ph-D course work & subsequently every year thereafter.   Rs. 1,000

Registration Fee (One Time)

1. Registration fee payable with the Application for registration.   Rs. 8,000
   (Refundable, if the application for registration is Rejected).

Examination Fee

1. Examination Fee to be paid at the time of submission of thesis.
   On resubmission of thesis, fresh examination fee shall be paid.   Rs. 5,000
2. Fee for supply of Examiners reports of Ph.D thesis   Rs. 5,000

Important Information

Important Instructions & Rules

- Applicants are advised to fill the prescribed Application Form in their own handwriting with utmost care to avoid rejection, and send it either through registered post or deposit it by hand in the office of the Dean / Principal SoET / University Polytechnic / Head of the concerned Department, Baba Ghulam Shah Badshah University, Rajouri, J&K, 185234 or University Camp Office, Channi Himmat, Bye Pass Road, Jammu, 180011, Regional Office, House No. 1-Sanat Nagar, Rawalpora, Srinagar 190005 or Islamia Faridia Institute of Education and Research, Kishtwar, against proper receipt.

- The applicants are advised to go through the contents of the Admission Prospectus carefully and familiarize themselves with the relevant rules governing Admissions / Entrance Test / Group Discussion / Personal Interview, etc.

- Candidates desirous of applying for more than one course offered by the University are required to fill separate Application Form for each course.

- Application Forms incomplete in any respect or those received after the last date prescribed by the University are liable to be rejected without any intimation to the candidate. No correspondence shall be entertained in this regard.

- Candidates should make sure that they have written their name, address, category (if any), telephone number, Centre choice for the Entrance Test etc, correctly.

- Candidates applying under any reserved category must attach relevant certificate that should conform to the latest order / SRO issued for the purpose by the Competent authority.

- Candidates are advised, in their own interest, to remain in touch with the University office / branch office / University website (www.bgsbuniversity.org)for information related to admission, entrance test, group discussion, declaration of results, selection list, etc.

- Rules of eligibility are followed strictly. Issue of Admit Card for appearing in Entrance Test does not make a candidate eligible for admission unless he fulfills all requirements. No candidate shall be entitled to admission as a matter of right even if he / she is otherwise eligible. All admissions are provisional. In case of any error in the processing / verification of certificates / documents / declaration of results of the entrance test etc. the University has the right to cancel such admission at any stage.

- The University reserves the right to hold or not hold the Entrance Test for admission to any course and change the venue of the entrance test / group discussion / personal interview depending upon the number of applicants. Moreover, the University takes no responsibility for any postal delay that may occur in the delivery of intimation letters for group discussion / personal interview etc.

- Candidates found using unfair means in the Entrance test shall be disqualified and in no case considered for admission.

- The list of provisionally selected candidates shall be notified on the Notice Board of the College / concerned Department and also on the University website www.bgsbuniversity.org. The datelines for deposition of certificates, dues etc are adhered to strictly. It is the responsibility of the candidate to keep in touch with the University office / branch offices / website regarding cut off dates and other information.

- If a selected candidate fails to produce original certificates or deposit the required fee within the specified period of time, his / her selection shall stand cancelled and the seat(s) vacated shall be allotted to the candidate(s) next in merit.

- Fee is to be paid in the form of Demand Draft drawn in favour of Registrar, BGSB University, Rajouri,

payable at J&K Bank, BGSB University campus, Rajouri. Cash, cheques and postal orders will not be accepted. **Documents will be returned and full fee will also be returned upto 4 days of date of deposition after notification of Merit List. No request for refund will be entertained thereafter. Refund will also not be permitted in favour of students who are admitted late.**

- At the time of admission the candidate has to give an undertaking on stamped paper of the value of Rs. 5 regarding the intervening period, if any, to the effect that he / she was not working in any Government or private sector or had not joined any other institution / course of study after the declaration of the result of the qualifying examination. In case they are in employment they shall have to produce permission letter of the employer.

- The candidates selected for admission shall have to deposit all documents pertaining to the qualifying examination in original in the office of the Principal / Director / Head of the concerned department. Registration section of the University shall return the said documents after verification.

- In case it is found at any stage after admission that the candidate has made any false or incorrect statement or used fraudulent means for seeking admission or doesn't fulfill the eligibility requirement, the admission shall be cancelled.

- No employee of any public or private sector organization shall be admitted unless he / she is on authorized leave and has the necessary permission of the employer.

- In case of any discrepancy / dispute, the Statutes / Regulations governing the relevant academic programme of the University shall be followed.

- If any dispute arises regarding admission to any course an appeal can be made by the aggrieved candidate to the Principal / Director / Head of the concerned Department. All appeals will be disposed off by the Appellate Committee chaired by Vice Chancellor.

- Legal dispute, if any, shall be settled by the courts within the jurisdiction of Rajouri.

- To generate resources for augmenting academic and ancillary infrastructure facilities and to meet social obligations, the University offers a limited number of Self-Supporting & Management seats in various programmes. These shall be filled as per relevant Statutes / regulations governing admissions. However, these shall be deemed to be over and above the normal number of seats. A candidate admitted under this category shall have to remit the prescribed amount along with the fees/charges prescribed for the course.

- **Payment once made against Self-Supporting and NRI seats shall not be refundable.**

- **Self-Supporting and NRI / Management fee is required to be paid in one instalment ·**

- No interest shall be paid on the security deposits.

- **Hostel Brochure can be procured from the office of Dean of Students.**

- **Admission Security deposited by students is refundable (minus 15% processing charges) within a period of 6 months after declaration of the result of the final semester of the Course to which the student was enrolled.**

- **The students admitted to Diploma, B. Tech., MBA programmes are required to put on the prescribed uniform.**

Important Instructions & Rules

What constitutes Ragging?

Ragging constitutes any one or more of the following acts:

a.   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;

b.   indulging in rowdy or indiscipline activities by any student or students which causes or is likely to cause annoyance, hardship, physical or psychological harm or to raise fear or apprehension thereof in any fresher or any other student;

c.   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;

d.   any act by a senior student that prevents, disrupts or disturbs the regular academic activity of any other student or a fresher;

e.   exploiting the services of a fresher or any other student for completing the academic tasks assigned to an individual or a group of students;

f.   any act of financial extortion or forceful expenditure burden put on a fresher or any other student by students;

g.   any act of physical abuse including all variants of it: sexual abuse, homosexual assaults, stripping, forcing obscene and lewd acts, gestures, causing bodily harm or any other danger to health or person;

h.   any act or abuse by spoken words, emails, post, public insults which would also include deriving perverted pleasure, vicarious or sadistic thrill from actively or passively participating in the discomfiture to fresher or any other student ;

i.   any act that affects the mental health and self-confidence of a fresher or any other student with or without an intent to derive a sadistic pleasure or showing off power, authority or superiority by a student over any fresher or any other student.

Administrative action in the event of ragging

The institution shall punish a student found guilty of ragging after following the procedure and in the manner prescribed herein under:

A.   The Anti-Ragging Committee of the institution shall take an appropriate decision, in regard to punishment or otherwise, depending on the facts of each incident of ragging and nature and gravity of the incident of ragging established in the recommendations of the Anti-Ragging Squad.

B.   The Anti-Ragging Committee may, depending on the nature and gravity of the guilt established by the Anti-Ragging Squad, award, to those found guilty, one or more of the following punishments, namely;

1. Suspension from attending classes and academic privileges.

2. Withholding / withdrawing scholarship / fellowship and other benefits.

3. Debarring from appearing in any test / examination or other evaluation process.

4. Withholding results.

5. Debarring from representing the institution in any regional, national or international meet, tournament youth festival, etc.

Important Instructions & Rules

6. Suspension / expulsion from the hostel.

7. Cancellation of admission.

8. Rustication from the institution for period ranging from one to eight semesters.

9. Expulsion from the institution and consequent debarring from admission to any other institution for a specified period.

Provided that where the persons committing or abetting the act of ragging are not identified, the Institution shall resort to collective punishment.

Documents Required

Photostat copies of following documents / certificates, attested by Gazetted officer should be attached with the Admission Application form.

For Post Graduate Programmes

1. Date of Birth certificate (Matriculation certificate).

2. Marks Cards of the qualifying examinations.

3. Certificate of Permanent residence.

4. Category certificate (if any).

5. Provisional certificate

6. Character certificate issued by Head of the Institution last attended or a Gazetted officer.

For Diploma / B. Tech. / B. Tech. Lateral Entry & Other Undergraduate Programmes

1. Date of Birth certificate (Matriculation certificate).

2. Qualifying examination certificates.

3. Certificate of Permanent residence.

4. Category certificate (if any).

5. Provisional certificate

6. Character certificate issued by Head of the Institution last attended or a Gazetted officer.

Note:

Migration Certificate, Gap period certificate /Affidavit, and other such documents including all original certificates for purposes of verification & registration are to be produced and submitted by the candidate at the time of admission.

July 2nd week	Commencement of class work of I, III, V & VII Semesters. Sessional Assessment Spread over the entire Semester.
November - December	Examinations of I, III, V & VII Semesters.
January 1st week	Commencement of class work of II, IV, VI & VIII Semesters. Sessional Assessment Spread over the entire Semester.
May 1st week	Examinations of II, IV, VI & VIII Semesters.

Dean Academic Affairs	01962-241003	
Registrar	01962-241002	
Dean, School of Eng. & Tech.	9419103562	01962-241016
Dean, School of Bios. & Biotechnology	596190336	9419421096
Dean, School of Management Studies	9107511610	
Principal, University Polytechnic	9419235656	
Director, Centre for H&T	9419256734	
Head Department of Arabic	9419103564	9086180380
Head Department of English	9086393909	7006512507
Head Department of Education	8492826258	
Head Department of Mathematical Sciences	9419277404	8493804818
Head Department of Computer Sciences	9419474455	9086839984
Head Department of Information Technology	9419174250	
Head Department of Economics	9419170928	
Deputy Registrar (Academic Affairs)	01962-241009	
University Office, Rajouri	01962-241001	
University Camp Office, Jammu	9419103565	0191-2464402
University Regional Office, Srinagar	9419011449	0194-2441231
Branch Office, Kishtwar	9469251944	

Hostel Manual will be available from the office of Dean of Students
Phone No : 9419601253

Availability of Admission Prospectus & Application Form

Admission Prospectus & Application Form can be had from any of the following offices on payment of Rs. 1000/, by Demand Draft, drawn in favour of Registrar, BGSB University, Rajouri, payable at J&K Bank, BGSB University Campus, Rajouri.

- The office of Deputy Registrar (Academic Affairs), University Campus, Rajouri - 185234.
- Camp Office, Channi Himmat, Bye Pass Road, Jammu (Tawi), J&K- 180015.
- Regional Office Srinagar : House No. 1-Sanat Nagar Chowk, Rawalpora, Srinagar 190005.
- Islamia Faridia Institute of Education & Research, Kishtwar.

Admission Prospectus containing the **Application Form is available** on University **Website:**

www.bgsbuniversity.org, from where from it can be downloaded. The Application form with all documents and Demand Draft for Rs. 1000/, drawn in favour of Registrar, BGSB University Rajouri, payable at J&K Bank, BGSB University Campus, Rajouri can be deposited at any of the four offices of the University.

The cut off dates for submission of duly filled Admission Application Form, and dates for Entrance Tests for Under and Post Graduate programmes will be notified through print and electronic media from time to time.