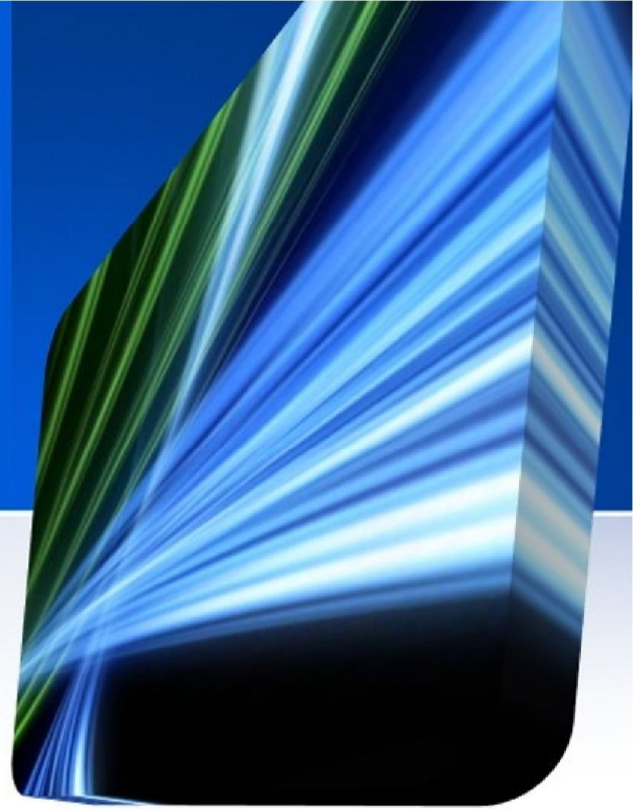


بابا غلام شاہ بادشاہ یونیورسٹی، راجوری، جموں و کشمیر

Baba Ghulam Shah Badshah University
Rajouri - Jammu & Kashmir



Annual Report

2017-18



Our Vision

“Steady onward march for human development through science and technology on one hand and our national ethos on the other”

Our 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”

INTRODUCTION OF UNIVERSITY

Baba Ghulam Shah Badshah University was established by the Government of Jammu & Kashmir through J&K Legislative Assembly Act No. XVI of 2002 and the same is recognised by the AICTE and UGC, New Delhi, under sections 2F & 12 B.

The University is mandated to impart quality education in science & technology and undertake research in basic and job oriented applied courses.

The university campus is located at the foothills of the great Himalayan Pir Panjal range in Rajouri district at about 154 Km from Jammu - the winter capital of J&K state. 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. The University has special features as follows ;

- 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.
- Fully 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 5000/- 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

BGSBU launched its first academic course in on August 29, 2005 with the offerings of only 4 courses and today, in a short span of 13 years, it is offering 37 courses at graduate, post-graduate and diploma level and conducting advance research in basic sciences, social sciences and languages.

Following 37 courses are being run by the University at present

1. M. Sc. Computer Sciences
2. Master of Computer Application.
3. M. Sc. Information Technology
4. M. Sc. Mathematics
5. M. Sc. Mathematics (Spl. App. Math)
6. M.A. Islamic Studies
7. M. A. Urdu
8. M. A. English
9. Master of Education
10. M. Sc. Biotechnology
11. M. Sc. Botany
12. M. Sc. Zoology
13. M. Sc. Microbiology
14. M. Sc. Physics
15. M. A. Arabic
16. Master of Business Administration
17. MBA (Hospitality & Tourism
18. Master of Economics

Under Graduate Courses

1. Civil Engineering
2. Computer Engineering
3. Electronics & Communications Engineering
4. Information Technology Engineering
5. Electrical and Renewable energy
6. B. E. Civil Engineering
7. B. E. Electrical Engineering
8. Bachelor of Business Administration
9. Bachelor of Education.
10. B. A. Arabic (Hons.)
11. BSc Nursing

Diploma Courses

1. Diploma in Civil Engineering
2. Diploma in Electrical Engineering
3. Diploma in Mechanical Engineering
4. Diploma in Electronics & Communications

5. Diploma in Front Office
6. Diploma in House Keeping
7. Diploma in Food & Beverage Services

HIGHLIGHTS 2017-18

General

- ❖ The University at present has 9 Schools, 20 Departments, 4 Colleges, 1 Polytechnic and two Centres.
- ❖ The University has a total of 37 courses viz 18 Post Graduate courses, 11 Under Graduate Courses and 7 Diploma courses.
- ❖ One School namely School of Material Sciences & Nano technology was started this year two new courses viz M.Sc Physics and M.Sc Microbiology were also started.
- ❖ The University has 188 teaching faculty, 19 Officers and 336 supporting staff.

Student Detail

- ❖ Total of 2258 students are presently enrolled in various courses in the University
- ❖ Total 39 scholars were enrolled in M.Phil programme in 2017-18
- ❖ Total 74 scholars were enrolled in M.Phil programme for the last three years.
- ❖ Total 13 scholars were enrolled in Ph.D programme in 2017-18
- ❖ Total 20 scholars were enrolled in Ph.D programme for the last three years.
- ❖ 39 students of University qualified NET / SET/ JRF/ CISR.

Placement & Training

- ❖ Our MCA passout has been selected by UBS – United States of America as Associate Director.
- ❖ 80 Student Placements in 2017 – 18
- ❖ 19 Placement drives / training were conducted in University in 2017-18
- ❖ 10 National / Multinal Companies visited University for pklacement drive.
- ❖ One MBA passout has been selected as General Manager of Kashmir Media Group.

Academic achievements

- ❖ 279 Research papers were published in International / National journals.

- ❖ Faculty of Department of management Studies published most of Research publications (30) followed by Department of Botany (23)
- ❖ Faculty of the University attended 472 Conferences, Seminars and Workshops.
- ❖ Faculty of Department of Electrical & Renewable Energy, SoET attended most (67) Conferences, Seminars and Workshops followed by University Polytechnic (55).
- ❖ A total of 43 Eminent scholars / Scientists / experts of International / National repute visited various Department to deliver expert talks / lectures.
- ❖ Most 9 eminent scholars / Scientists / experts of International / National repute visited Department of Electrical & Renewable Energy, SoET to deliver expert talks / lectures.
- ❖ A total of 73 Awards/ Appreciation received by the representatives of various Departments for their outstanding contribution.
- ❖ Most of the awards (24) were received by the representatives of Electrical & Renewable Energy, SoET for their outstanding contribution.
- ❖ 34 Lectures were delivered by faculty members of various Departments of University outside the University in reputed institutions.

Central facilities

- ❖ University purchased 13849 books in 2017-18 whereas total 39863 books were purchased for the last 13 years.
- ❖ 318 digital documents were added this year whereas the Library has total 2425 digital documents.
- ❖ 940 books received as Gifts whereas the Library has 2767 books gifted by many author.
- ❖ In 2017-18, Library received 274 Project Reports/Dissertations whereas there are a total of 1847 Project Reports/Dissertations available in Library.
- ❖ Library received 25 thesis of M.Phil / Ph.D in 2017-18 whereas Library has a total of 85 thesis of M.Phil / Ph.D.
- ❖ The Library has 6000 online journals available.

Hostel accommodation

- ❖ 458 male students were accommodated in different Hostels in 2017-18.
- ❖ 334 female students were accommodated in different Hostels in 2017-18.

Other notable achievements

- ❖ University initiated Rs 15 crore worth TEQIP-III project.
- ❖ Purchased books worth Rs 60 lakh in just 2 months under TEQIP-III adding approximately 12000 books in Library.
- ❖ Created Computerized Universal Testing Machine (Servo-Controlled) which will perform tests for a wide variety of materials and components viz Tensile, Compression, Shear, Flexural and Low Cyclic Test under TEQIP-III. This is first time in the state that such machine will operate which will test high quality concrete used in building / construction material.
- ❖ Two faculty members namely Dr Asghar Ali Shah, Department of Zoology and Dr Shamas Kamal Anjum, Department of Arabic received Best Research Award for 2017-18.

DEPARTMENT-WISE

Research papers published / Conferences / Workshops attended by faculty in 2017-18.

Name of Department	Research Papers Published	Conferences / Workshops attended
Department of Computer Science	05	16
Department of Information Technology	01	07
Department of Mathematical Sciences	09	11
Department of Physics	Nil	02
Department of Applied Mathematics	Nil	04
University Polytechnic	08	55
Department of Civil Engineering	13	28
Department of Computer Science and Engineering	14	46
Department of Electronics and Communication Engineering	28	56
Department of Electrical & Renewable Energy Engineering	22	67
Department of Information Technology and Engineering	12	37
Department of Management Studies	30	45
Department of Economics	05	14
Department of Arabic	20	21
Department of Islamic Studies	03	09
Department of Urdu	17	17
Department of English	20	15
Department of School of Education	04	01
Department of Biotechnology	08	07
Department of Botany	23	09
Department of Zoology	08	05
School of Nursing & Biomedical Sciences	12	Nil
Library	17	Nil
Total	279	472

DEPARTMENT WISE

Eminent Visitors/ Awards/ Appreciation received / Lectures by faculty members outside University in 2017-18.

Name of Department	Awards / Appreciations	Lectures by faculty members outside University
Department of Computer Science	01	02
Department of Information Technology	Nil	Nil
Department of Mathematical Sciences	Nil	03
Department of Physics	Nil	01
Applied Mathematics	Nil	01
University Polytechnic	10	02
Department of Civil Engineering	01	02
Department of Computer Science and Engineering	4	Nil
Department of Electronics and Communication Engineering	Nil	Nil
Department of Electrical & Renewable Energy Engineering	24	04
Department of Information Technology and Engineering	04	Nil
Department of Management Studies	Nil	02
Department of Economics	02	Nil
Department of Arabic	01	02
Department of Islamic Studies	01	Nil
Department of Urdu	02	02
Department of English	04	Nil
Department of Education	Nil	Nil
Department of Biotechnology	02	01
Department of Botany	01	07
Department of Zoology	02	01
School of Nursing & Biomedical Sciences	14	04
Total	73	34

STUDENTS ENROLLED - COURSE WISE

Name of Course	Total
Ph.D	39
M.Phill	13
MCA	84
M.Sc. CS	12
M.Sc. Information Technology	42
M.Sc. Mathematics	137
Diploma Courses	158
Civil Engineering	292
Computer Science Engineering	184
Electronic & Communication Engineering	196
Electrical & Renewable Energy Engineering	244
Information Technology & Engineering	100
MBA	65
BBA	28
MBA (Hospitality & Tourism)	15
M.A. Economics	36
M.A. Arabic	51
B.A. Arabic	31
M.A. Islamic Studies	20
M.A. Urdu	20
M.A. English	60
M.Ed	40
M.Sc. Biotechnology	22
M.Sc. Botany	57
M.Sc. Zoology	70
B.Sc. Nursing	259
Total	2274

ACADEMIC CALENDAR

Commencement of Admission Process:	June, 1st Week
Finalization of Admission	July, 1st Week
Commencement of Odd Semester Classwork:	July, 16th
End of Odd Semester Class Work:	Nov, 14th
Preparatory Holidays:	Nov, 15-24
Odd Semester Examinations :	Nov, 25- Dec, 20
Winter Break:	Dec 21-Jan, 01
Commencement of Even Semester Class Work:	Jan, 02
End of Even Semester Class work:	April, 30th
Preparatory Holidays:	May,1-10th
Even Semester Examinations:	May 11-June 4
Summer Vacation:	June, 5 to July 15
Festival Vacations -I*:	One Week

Assessment Test/ Assignment: The Dean of School of Studies fixes these dates in consultation with the concerned heads of the department

UNIVERSITY BODIES

EXECUTIVE COUNCIL

(Awaited)

ACADEMIC COUNCIL

Need to be amended

1. Vice-Chancellor, BGSBU-Chairman
Prof. Javed Musarrat
2. Deans of Schools.
 - Dean, School of Mathematical and Computer Sciences.
 - Dean, School of Biosciences and Biotechnology.
 - Dean, School of Engineering and Technology.
 - Dean, School of Management Studies.
3. Dean of Students/Chief Proctor
 - Prof. G.M.Malik
4. Librarian.

Vacant

5. Nominees of the Executive Council:-
 - Prof. Musthtaq A. Siddiqui, Vice-Chancellor, Islamic University of Science and Technology, Awantipora, Pulwama, J&K.
 - Prof. Akhter Haseeb, Vice Chancellor, N.D. University of Sciences and Technology, Faizabad, Uttar Pradesh.
 - Prof. Ashok Aima, Vice Chancellor, Central University, Jammu.
 - Prof. Yahya Khan, Dean, Faculty of Biological Sciences, B.R. Ambedkar Central University, Lucknow, UP.
 - Prof. Rajat Gupta, Director, NIT, Srinagar.
 - Prof. M.Z. Abdin, Head, Department of Biotechnology, Jamia Hamdard, New Delhi.
 - Prof Akbar Masood, Dean, Faculty of Biological Sciences, University of Kahsmir, Srinagar
 - Prof. N.A.K. Durrani, Dean , Faculty of Social Sciences, AMU, Aligarh.
 - Prof. Qayyum Ansari, Jamia Millia Islamia, New Delhi.
 - Prof. Alok Dhawan Director, IITR, Lucknow.
 - Prof. Iqbal Perwez, Dean Academic Affairs, BGSBU.
 - Prof. Jawaid A.Khan, Ex-Head, Department of Biosciences, JMI, New Delhi.
 - Prof.Valeed A. Ansari, Dean, Faculty of Management Studies & Research, AMU,Aligarh.

BOARD OF RESEARCH STUDIES

**School of Mathematical & Computer Sciences
and School of Islamic Studies & Languages**

Meeting held on March 08, 2018

Attendance

Prof. Javed Musarrat (HVC) as Chairman
Prof. Iqbal Parwez (Dean, Academic Affairs/ Registrar)
Prof. Mohammad Asger (Dean, School of Mathematical & Computer Sciences)
Prof. Naseem Ahmed (Dean, School of Management Studies)
Dr. Shams Kamal Anjum (Head, Deptt. of Arabic)
Prof. Satnam Kaur Raina (English, Expert)
Prof. S.A.M. Rizvi (Computer Science, Expert)
Mr. Qamar Rayees Khan (Head, Deptt. of Computer Science)
Ms. Romina Rashid (Head, Deptt. of English)

BOARD OF RESEARCH STUDIES

**School of Mathematical & Computer Sciences
& School of Islamic Studies & Languages**

Meeting held on April 07, 2018

Attendance

Prof. Javed Musarrat (HVC) as Chairman
Prof. Iqbal Parwez (Dean, Academic Affairs/ Registrar)
Prof. Mohammad Asger (Dean, School of Mathematical & Computer Sciences)
Prof. Naseem Ahmed (Dean, School of Management Studies)
Prof. Iqbal Parwez , Dean, School of Biosciences & Biotechnology
Prof. G.M. Malik, Dean, School of Education
Prof. Mohammad Nauman Khan
Prof. S.D. Sharma
Dr. Shams Kamal Anjum (Head, Deptt. of Arabic)
Dr. Zaheer Abass, Head, Deptt. of Mathematical Sciences

BOARD OF STUDIES ARABIC

Meeting held on December 27, 2017

Attendance

Dr. G.M. Malik
Dr. Shams Kamal Anjum
Prof. Naseem Ahmad Shah
Dr. Naseem Gul Dar
Dr. Md. Rafique Anjum
Mr. Sajjad Ahmed Kumar
Mr. Gulzar Ahmad Bhat

BOARD OF STUDIES B. Ed.

Meeting held on April 26, 2018

Attendance

Prof. G.M. Malik (Dean/ Head)
Prof. Lokesh Verma (Subject Expert)
Dr. Nayyar Jabeen
Dr. Nasreen Quasar
Dr. Azad Ahmad Andrabi

TEACHING DEPARTMENTS

SCHOOL OF MATHEMATICAL & COMPUTER SCIENCE

DEPARTMENT OF COMPUTER SCIENCES

INTRODUCTION OF THE DEPARTMENT

The Department of Computer Science imparts quality education in Computer Science and Computer Applications. It also conducts research. The Department has produced 10 batches of MCA so far. Many pass outs 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 obtained liberal grants from AICTE. The Department has also introduced Choice Based Credit System (CBCS) in which the students have a choice to choose from the prescribed courses. The basic idea is to look into the needs of the students so as to keep up to date with development of higher education in India and abroad. CBCS aims to redefine the curriculum keeping pace with the liberalization and globalization of Education.

The Department also offers Master programme in Computer Science (M. Sc. Computer Science), a two year degree programme which has the advantage of preparing students for teaching and research. The students enrolled in this programme have the option to switch from M. Sc. Computer Science to Masters in Computer Application (MCA) after appearing in Semester-IV of M. Sc. Computer Science and shall be awarded Masters in Computer Applications (MCA) degree instead of M. Sc. Computer Science after successful completion of all the semesters. 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, Computer Networking, Dot Net Technologies and Java Programming. The Department has an efficient Computer Maintenance Wing (CMW) that provides technical assistance to all the Departments / Sections of the University.

The Department has latest state-of- the art laboratories with high end blade servers & workstations and a 24 hours dedicated high speed optical fiber internet connectivity of 1Gbps bandwidth. 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 an 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 pass outs, 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 organized in this and other Universities of the Country.

FACULTY

S.NO	NAME	QUALIFICATION	DESIGNATION	SPECIALIZATION
01	Prof. Mohammad Asger	M.Sc., M. Tech. Ph.D	Professor	Theory of Computation, Data Mining, Neural networks
02	Dr. QamarRayees Khan	M.C.A , Ph.D	(Head) Senior Assistant Professor	Information System, Database Management System, OOPs (C++, Java), Software Engineering, Artificial Intelligence
03	Dr. Majid Bashir Malik	M.C.A , Ph.D	Senior Assistant Professor	Data Warehousing, Data Mining, Soft Computing
04	Dr. Sanjay Jamwal	MCA, M. Phil, Ph.D	Senior Assistant Professor	Network Security and Soft Computing
05	Dr. GulfamAhamad	M.C.A , Ph.D, GATE, UGC-MANF-JRF	Assistant Professor	Soft Computing, Intelligent System (Modeling & Design), Data Sciences

06	Dr. Aadil Ahmad Lawaye	M.C.A , Ph.D	Assistant Professor	Natural Language Processing, Machine Learning, Cross Lingual Information Retrieval and Information Extraction.
07.	Mrs. ParveenRana	M.C.A , UGC-NET	Assistant Professor	Web Designing, Database Management.
08.	Dr. Mohd. Naseem	M.C.A , Ph.D, GATE, ISM-JRF	Assistant Professor	Computer Networks, Mobile Ad-Hoc Networks, Wireless Sensor Networks, Underwater Sensor Networks, VANET, Load Balancing, Routing, QoS.

ENROLLMENT

Course	SEM 1	SEM 2	SEM 3	SEM 4	SEM 5	SEM 6
MCA	16	16	09	09	17	17
M.Sc. (C.S)	01	01	05	05	NA	NA

M.Phil / Ph. D DETAILS

	M.Phil	Ph. D
Registered	01	13
Awarded	07	05

CURRICULAM

SEMESTER I

Mathematical Foundation of Computer Science

Digital Electronics

Operating Systems

Principles of Programming & Problem Solving using C

Lab 1: PC Software

Lab 2: C Programming

SEMESTER II

Software Engineering

Computer System Architecture

Data and File Structures using C++

Choice Based Open Elective

Lab 3: C++

Lab 4: Data and File Structures using C++

SEMESTER III

Analysis & Design of Algorithm

Data Communication & Computer Networks

Relational Database Management System

Java Programming

Lab 5: Relational Database Management System

Lab 6: Java Programming

SEMESTER IV

Theory of Computation

Dot Net Technologies using C#

Minor Project

Management Information System

Operations Research

Wireless & Mobile Communication

Simulation and Modeling

Data Storage and Management

Object Oriented Analysis & Design

Computer Graphics

Software Testing

Lab 7: Dot Net Technologies using C#

SEMESTER V

Cryptography & Network Security
 Artificial Intelligence
 Web Technologies
 Data Warehousing and Data Mining
 Parallel and Distributed Computing
 Web Mining
 Compiler Design
 Systems Software
 Pervasive Computing
 Bio Informatics
 Cloud Computing
 Big Data Analytics
 Lab 8: Web Technology
 Lab 9: Linux/Unix

SEMESTER VI

Dissertation
 Seminar and Progress Report
 Comprehensive Viva voce

INTAKE

Course	Intake	Admitted Male	Admitted Female	Total
MCA- M.Sc. (CS)	25	11	07	17

NUMBER OF CANDIDATES WHO QUALIFIED NET/SET/JRF

2015	2016	2017
2	2	2

CONFERENCES/SEMINARS/WORKSHOPS ATTENDED /PAPER PRESENTED BY FACULTY MEMBERS:

- Prof. Mohammad Asger Ghazi participated in 15th National Conference on “**Preparing Engineers/Technologies for Role in industry**” organized by Engineering Council of India (ECI) & All India Council for Technical Education (AICTE), New Delhi on November 10, 2017.
- Paper Presented: Aadil M., Asger M, Goyal V. (2017), “**Named Entity Recognition System for Kashmiri Language: Establishing a Baseline**”, in National Conference on Information Technology and Business Analytics (NCITBA-2017), organized by Department of Computer Science and Engineering, SMVDU, Katra, J&K.
- Paper Presented: Aadil M., Asger M.,(2017), “**Evaluation of Machine Translation Models for SMT of English to Kashmiri**”, in National Conference on Innovative Trends in Computer Science Research (ITCSR-2017), organized by Department of Computer Science and Engineering, BGSB University, Rajouri, J&K.
- Paper Presented: Aadil M., Asger M., (2017), “**Comparison of English-Kashmiri Language in Context to Machine Translation**”, in Two Days Conference on Emerging Trends and Innovations in Electronics and Communication Engineering, SOET, BGSB University, Rajouri, J&K.
- Dr. Sanjay Jamwal attended Workshop on the **role of Local Chapters**, organized by IIT Kanpur at Bhargava College of Engg& Technology, Samba on 23rd September, 2017.
- Dr. Sanjay Jamwal, Chaired a session technical **session “Wireless Sensor Networks and Network Security”** in National Conference on Emerging Trends and Innovations in Electronics and Communication engineering (ETIECE2017) held on 26-27 August, 2017, BGSB University, Rajouri.
- Dr. Gulfam Ahamad, Participated in the “**Two Days Workshop on Research Trends in Natural Language and speech Processing**” organized by Ambedkar Institute of Advanced Communication Technologies and Research (AIACTR), Government of the National Capital Territory of Delhi on 11th December 2017 to 12th December 2017.

- Dr. Gulfam Ahamad participated in AICTE recognized Short Term Course on **'MATLAB and LABVIEW with its Hardware Interface'** through ICT organized by National Institute of Technical Teachers Training and Research, Chandigarh and conducted by Electrical Engineering Department, Baba Ghulam Shah Badshah University, Rajouri, J&K from January 29th, 2018 to February 2nd, 2018.
- Dr. Gulfam Ahamad attended the **"One Month Induction Training Program for Faculty"** organized School of Education in collaboration with UGC-Human Resource Development Center (UGC-HRDC), JamiaMillialIslamia, New Delhi from February 20, 2018 to March 28, 2018.
- Dr. Aadil Ahmad Lawaye presented research paper entitled **"Font issues in Kashmiri and their Resolution using Unicode Standard 10.0"**at 13th J&K Science Congress organized by University of Kashmir from April 2nd to 4th April, 2018.
- Dr. Aadil Ahmad Lawaye participated in AICTE recognized Short Term Course on **'MATLAB and LABVIEW with its Hardware Interface'** through ICT organized by National Institute of Technical Teachers Training and Research, Chandigarh and conducted by Electrical Engineering Department, Baba Ghulam Shah Badshah University, Rajouri, J&K from January 29th, 2018 to February 2nd, 2018.
- Dr. Aadil Ahmad Lawaye participated in the **'Two Day Workshop on Outcome Based Education (OBE)'** organized by School of Engineering and Technology, Baba Ghulam Shah Badshah University, Rajouri, J&K from March 19th – 20th, 2018.
- Mrs. ParveenRana, Attended National Conference on **"Recent Advances in Computer Science and IT"** (NCRACIT-2018) on 24th & 25th April 2018 organized by Department of Information Technology and Engineering, BGSBU Rajouri.
- Mrs. ParveenRana, Paper presented on **"Green Computing for living in a technologically healthy Environment"** in National Level Seminar on Science and Technology for the Unreached: Notion, Values and Applicability organized by GDC Samba under the aegis of Indian Science Congress Association (ISCA) Jammu Chapter.

- Dr. MohdNaseem participated in AICTE recognized Short Term Course on '**MATLAB and LABVIEW with its Hardware Interface**' through ICT organized by National Institute of Technical Teachers Training and Research, Chandigarh and conducted by Electrical Engineering Department, Baba Ghulam Shah Badshah University, Rajouri, J&K from January 29th, 2018 to February 2nd, 2018.
- Dr. MohdNaseem participated in the '**Two Day Workshop on Outcome Based Education (OBE)**' organized by School of Engineering and Technology, Baba Ghulam Shah Badshah University, Rajouri, J&K from March 19th – 20th, 2018.

RESEARCH PUBLICATIONS OF FACULTY MEMBERS:

- Nasti S., Asger M., Butt Muheet (2017), "**Analysis of Customer Behavior Using Modern Data Mining Techniques**", International Journal of Computer Science and Engineering, Vol. 5, Issue 12E-ISSN: 2347- 2693 pp 60-62.
- Tasleem Arif, Rashid Ali and M. Asger (2017), "**Understanding Research Collaborations using Social Network Analysis**", International Journal of Data Science and Analytics, Springer, ISSN: 2364 – 4168.
- Aadil M., Asger M. (2017), "**English to Kashmiri Transliteration system- A Hybrid Approach**", International Journal of Computer Applications (IJCA), Vol. 162, 12, March-2017.
- Aadil M., Asger M. (2017), "**An Overview of Statistical Machine Translation Tools**", International Journal of Advanced Research in Computer Science and Software Engineering (IJARCSSE), Vol. 7, Issue-6, June-2017.
- Firasat Nabi, Sanjay Jamwal, "**Wireless Sensor Networks and Monitoring of Environmental Parameters in Precision Agriculture**", in the "International Journal of Advance Research on Computer Science and Software Engineering (IJARCSSE)", May- 2017, pp. 432-437, ISSN:2277 128-X.

EMINENT VISITORS

1. **Dr. Kumar Padma, Associate Professor, LMN-IIT, Jaipur**, Rajasthan visited the Department on May 10, 2017 and delivered Guest Lecture on “Wireless Sensor Network and Allied Topics”.
2. **Prof. S.A.M. Rizvi, Head Department of Computer Science, Jamia Millia Islamia** New Delhi, visited the Department and delivered the talk on the topic title “Current Challenges in Computer Science Research” on March 8, 2018

OTHER ACTIVITIES/ SPORTS/ CULTURE ETC.

1. Students of the department participated in **quiz competition** organized by the department of Arabic, BGSB University Rajouri where the department got second rank.
2. Students have participated in various inter **departmental sports completions** organized by BGSB University.

AWARDS/ APPRECIATION/ HONOURS TO FACULTY/ STUDENTS IN ACADEMICS/ RESEARCH ETC.

- Dr. Qamar Rayees Khan, Received **Certificate of Appreciation** and a memento from Honorable Governor, J&K State to lead the team for developing and designing the new official website of BGSB university, Rajouri.

LECTURES/ TALKS / PRESENTATIONS DELIVERED BY FACULTY MEMBERS OUTSIDE UNIVERSITY:

1. Dr. Qamar Rayees Khan was Invited as Resource person in Workshop on the Theme “**ICT Based Learning and Professional Development**”, Organized by School of Education, Central University of Jammu on 14 December, 2017.

2. Dr. Sanjay Jamwal was Invited as a speaker in **“Two days 4th National Conference in Mathematics”** on “Mathematical Sciences and its Applications”, 19-20 February, 2018. at G.G.M. Science College, Jammu.

MEMBERSHIP OF BOARDS/ COMMITTEES OUTSIDE UNIVERSITY:

- Dr. Qamar Rayees Khan, Member of Industrial Training Institute (ITI) Mendher, Poonch (J&K)
- Dr. Qamar Rayees Khan, Member of Industrial Training Institute (ITI) Surankote, Poonch (J&K)
- Dr. Majid Bashir Malik, Department of Computer Science and Information Technology, Bhaderwah Campus, University of Jammu.

MEMBERS OF BOARD OF RESEARCH STUDIES:

1. Prof. Mohammad Asger Ghazi, Dean, School of Mathematical and Computer Sciences, BGSB University, Rajouri, J&K
2. Prof. S.A.M. Rizvi, Head, Dept. of Computer Sciences, JamiaMillialIslamia, New Delhi
3. Dr. Qamar Rayees Khan, Head, Department of Computer Sciences, BGSB University, Rajouri.

MEMBERS OF BOARD OF STUDIES:

- Prof. Mohammad Asger Ghazi, Dean, School of Mathematical and Computer Sciences, BGSB University, Rajouri, J&K.
- Dr. Qamar Rayees Khan, Head, Department of Computer Sciences, BGSB University, Rajouri.

- Dr. MajidBasheer Malik, Assistant Professor, Department of Computer Sciences, BGSB University, Rajouri.
- Dr. Sanjay Jamwal, Assistant Professor, Department of Computer Sciences, BGSB University, Rajouri.

DEPARTMENT OF INFORMATION TECHNOLOGY

INTRODUCTION OF THE DEPARTMENT

The Department of Information Technology is one of three departments under the School of Mathematical & Computer Sciences. Having an up-to-date curriculum, well-trained faculty and an excellent infrastructure, the Department is committed to develop highly skilled Information Technology (IT) professionals, capable of meeting the ever-changing and increasing needs of the IT industry. The long term objective of the department is to march ahead by enabling its capacities and become a center of excellence in both teaching and research in Information Technology. The Department of Information Technology is presently offering two years, four semesters, Post Graduate Programme leading to the degree of Master's degree in Information Technology (M.Sc. IT). It prepares skilled human resource in such prime areas as Systems Administration; Web based Technology, Software development, E-Business etc.

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 to 1Gbps NKN Internet link provided under NMEICT Project of MHRD, Govt. of India. Computing facility & Internet service are available round the clock. The Department maintains well equipped laboratories with high end workstations & server for separate computing platforms enabling students to work with latest technologies. The research lab of the department has high end system including hp Z640 workstations and server systems. The research scholars continually participate in conferences, seminars and other training programmes organized by various reputed institutions throughout the country. Striving hard of excellence, the Department plans to diversify and expand its activities in the years to come. The Department has achieved milestones such as

- The faculty published research papers in various refereed journals and participated in conferences / seminars / workshops / refresher courses organized by this University and other universities across the country.

- Research Programmes leading to M.Phil & Ph.D in Information Technology which are the first ever research programmes in Information Technology was started by any University in the J&K state was started by the department.
- **Organized National Seminar** on Data Sciences & Artificial Intelligence (DS&AI'2016) on March 26, 2016.
- Pass-outs of the department have found placements in IT companies/Government sector across the country.

FACULTY

S. No	Name	Qualification	Designation	Specialization
02	Dr. Majid Bashir Malik	Ph.D Computer Science,, MCA	Sr. AP	Data Analytics, Soft Computing and Information Security, Software Engineering, Operating System.
01	Dr. Tasleem Arif	Ph.D Computer Science, NET, MCA	Sr. AP	Social Network Analysis, Web Mining, Information Security, Data Structures, Design & Analysis of Algorithms, Programming & Problem Solving
03	Miss Salma Farooq	B.E.(Computers) , M Sc IT, SET	Assistant Professor	Soft Computing, Information Security, Software Engineering, Programming and Problem solving, DBMS.
04	Mr Satish Kumar	M Phil, MCA, NET, SET	Assistant Professor	Automated Neural Network, Neural Machine Translation, Natural Language Processing.
05	Mr Ed Gowher Hafiz Wani	MCA	Sr.Lecturer	Data Communication, Computer Networks, Data Structure, Digital Electronics, Theory of Automata.
06	Mr Mudasser Nazar	M.Tech (IT), B.Tech (ITE)	Assistant Professor	Problem Solving, Artificial Intelligence, DBMS.

07	Mr Mutassif Ishfaq	M.Tech (CS), B.Tech (ITE)	Assistant Professor	Java Programming, Data Communication, Computer Networks, Data Structures.
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ENROLLMENT

SEM 1	SEM 2	SEM 3	SEM 4
	18		24

M.Phil / Ph. D

	M.Phil	Ph.D
Registered	01	02
Awarded	NIL	NIL

CURRICULAM

SEMESTER I

Data Structures Using C
 Internet and Web Technologies
 Operating System
 Digital Electronics
 Lab -1: Data Structure
 Lab -2: Web Technologies

SEMESTER II

Java Programming
 Database Management System
 Data Communication and Computer Networks
 Choice Based Open Electives
 (Students are required to opt any one of the following courses)
 Mathematical Tools in Real World Problems
 Computer Applications & Operations
 Fundamentals of Biotechnology
 Mysteries of Green Plants
 Botany in Rural Developments
 Nutrition, Health & Hygiene
 Fundamentals of Arabic Language
 Applied English

Higher Education
 Principles of Banking
 Basics of Tourism and Travel Agencies
 Tourism Resources of J&K
 Business Communication soft Skills
 Instructional Technology

Lab Course
 Lab -3: Java Programming
 Lab-4: PI/SQL

SEMESTER III

Dot Net Technologies using C#
 Wireless and Mobile Communication
 Design and Analysis of Algorithms
 Choice based Complimentary Elective Courses
 (Students are required to opt any one of the following courses)
 Information Security
 Bioinformatics
 Cloud Computing
 Distributed Database Management.
 Web Mining
 Distributed Computing
 Lab Course
 Lab-5: C#
 Lab-6: Algorithm Design Techniques

SEMESTER IV

Project

INTAKE:

Intake	Admitted Male	Admitted Female	Total
30	13	06	19

NUMBER OF CANDIDATES WHO QUALIFIED NET/SET/JRF

2017 - 01 (UGC-NET)

CONFERENCES / SEMINARS / WORKSHOPS ATTENDED / PAPER PRESENTED BY FACULTY MEMBERS

- Miss Salma Farooq attended UGC-sponsored **National Seminar on Electronic Devices, Systems and Information security** held at University of Kashmir, Srinagar from March 24-25,2017 and presented a paper entitled "Outlier Detection: A review" .
- Miss Salma Farooq attended AICTE recognized **Short Term Course on "MATLAB and LABVIEW with its Hardware Interface through ICT"** at BGSBU, Rajouri from January 29, 2018 to Feb 02, 2018.
- Mr Satish Kumar attended Three Day **International Workshop on Research Methodology** held at Govt. College for Women from 30th Jan.-1st Feb, 2018.
- Mr Satish Kumar attended **1st International Conference on Recent Innovation in Computing** ICRIC held at Central University of Jammu from March 05-06, 2018 and presented a paper entitled "Recent Approaches of Neural Machine Translation : A Report" .
- Mr Satish Kumar attended **National Conference on Emerging Trends in Advanced Computing and Information Technology** held at Kathua Campus, University of Jammu from 24th – 25th February, 2018 and presented a paper entitled "Neural Machine Translation: An Overview".
- Mr Satish Kumar attended **International Conference on Recent Developments in Science, Humanities & Management-2018, (ICRDSHM-18)** held at Amar Singh College, Cluster University from on 17th-18st April 2018 and presented a paper entitled "Phrase based Statistical Machine Translation for Indian Languages: A Survey"
- Mr Satish Kumar attended **National Seminar On "Science and Technology for the Unreached: Notions, Values and Applicability"** held at GDC Samba on 20th and 21st April, 2018 and presented a paper entitled "Recent Trends in Natural Language Processing using Deep Learning".

RESEARCH PUBLICATIONS OF FACULTY MEMBERS

Mr Satish Kumar March 2018 "**Phrase based Statistical Machine Translation for Indian Languages: A Survey.**" International Journal of Advance Research in Science and Engineering (IJARSE) Volume No.07, Special Issue No. (04).

OTHER ACTIVITIES/SPORTS/CULTURE, ETC

Dr Majid Bashir Malik accompanied as Manager for Men's Contingent in **First State University, Championship** held at University of Jammu, Jammu - 2017

MEMBERSHIP OF BOARDS / COMMITTEES OUTSIDE UNIVERSITY

- Dr. Tasleem Arif has the membership of Computer Science Teachers Association (CSTA), ACM, New York, USA.
- Dr. Tasleem Arif is a member of International Association of Computer Science & Information Technology (IACSIT), Singapore.
- Dr. Tasleem Arif is a member, Board of Studies of Information Technology, Faculty of Mathematical Sciences, University of Jammu, Jammu & Kashmir, India.
- Dr Majid Bashir Malik is a member of Board of Studies of Information Technology, Faculty of Mathematical Sciences, University of Jammu, Jammu & Kashmir, India.

MEMBERS OF BOARD OF RESEARCH STUDIES:

- Prof.(Dr.) Mohammad Asger.
- Dr. Tasleem Arif
- Dr. Majid Bashir Malik

MEMBERS OF BOARD OF STUDIES:

- Prof.(Dr.) Mohammad Asger.
- Dr. Tasleem Arif
- Dr. Majid Bashir Malik

DEPARTMENT OF MATHEMATICAL SCIENCES

INTRODUCTION

The Department offers three Masters programmes: (i) M.Sc. Mathematics (Specialization: Applied Mathematics); (ii) M.Sc. Mathematics (Morning) and (iii) M.Sc. Mathematics (Evening). All these programmes are of two years duration and comprise 4 semesters each. The department initiated postgraduate programme in Mathematics largely to prepare manpower for teaching and research. The postgraduate programme in M.Sc. Mathematics (Specialization: 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.

The first two semesters of all the 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.

Furthermore each student has to compulsorily pass one non-creditable massive open online course (MOOCs), under SWAYAM platform during two year programme.

The Department maintains a rich library, which is being developed by the liberal funding provided by the National Board of Higher Mathematics, and has a well equipped computer lab.

FACULTY

Name	Qualification	Designation	Specialization
Dr. Zaheer Abbass	M. Phil, Ph. D (NET + JRF)	Assistant Professor (HEAD)	Functional Analysis and Operator Theory; Data Mining
Dr. Javid Iqbal	M. Phil , Ph. D	Assistant Professor	Wavelets; Variational Inequalities; Queuing Theory
Dr. Mudassir Rashid Lone	M. Phil , Ph. D	Assistant Professor	Data mining; Complex Analysis
Mrs. Sharuti Gupta	M. Sc	Lecturer	NA

Dr. Rustum Abass	Ph. D	Assistant Professor	Wavelets
Miss. Rubeena Khaliq	M. Sc.	Lecturer	NA
Miss. Mehvish Bhat	M. Sc.	Lecturer	NA
Mrs. Himanshi Bhagat	B. E.; M. Tech.	Assistant Professor	NA

ENROLLMENT

Semester-II	Semester-IV	Total
68	69	137

M. Phil / Ph. D

	M. Phil	Ph.D
Registered / Admitted	Nil	03
Awarded/ Submitted	01	02

PROGRAMMES OFFERED

- M. Sc Mathematics (Regular)
- M. Sc Mathematics (Evening)
- M. Sc Mathematics (Specialization: Applied Mathematics)

Research

- M. Phil / Ph. D in Mathematics
- M. Phil / Ph. D in Applied Mathematics

CURRICULUM

Masters in Mathematics

Semester-I

- Topology and its Applications
- Techniques in Differential Equations
- Real Analysis
- Applied Numerical Analysis
- Computer Fundamentals and C-Programming
- Lab Course on MS-104 and MS-105

Semester-II

Numerical Linear Algebra
 Functional Analysis with Applications
 Abstract Algebra with Applications
 Complex Analysis with Applications
 MatLab

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

Soft Skill in information Technology
 Computer Applications and Operators
 Fundamentals of Biotechnology
 Mysteries of Green Plants
 Botany in Rural Developments
 Nutrition, Health & Hygiene
 Fundamental of Arabic Language
 Applied English
 Higher Education
 Principles of Banking
 Basis of Tourism and Travel Agency
 Tourism Resources of J&K
 Business Communication & Soft Skills
 Instructional Technology

Semester-III

Advance Topics in Topology
 Theory Operators
 Calculus in \mathbb{R}^n
 Set Theory
 Lab Course on LATEX

Choice Based Complementary Electives
 (Students are required to choose any two of the following courses)
 Differential Geometry
 Number Theory
 Module Theory
 Commutative Algebra
 Advance Complex Analysis
 Abstract Measure Theory and Integration

Semester-IV

Dissertation/ Major Project
 Technical Communication
 Lab Course on SPSS

Choice Based Complementary Electives
 (Students are required to choose any Three of the following courses)
 Complex Dynamics
 Banach Algebras

Advanced Functional Analysis
 Tensor Analysis and Riemannian Geometry
 Algebraic Topology
 Theory of Fields
 Spaces of Analytic Functions
 Algebraic Geometry
 Theory of Relativity

Masters in M.Sc. Mathematics (Specialization: Applied Mathematics)

Semester-I

Topology and its Applications
 Techniques in Differential Equations
 Real Analysis
 Applied Numerical Analysis
 Computer Fundamentals and C-Programming
 Lab Course on MS-104 and MS-105

Semester-II

Numerical Linear Algebra
 Functional Analysis with Applications
 Abstract Algebra with Applications
 Complex Analysis with Applications
 MatLab

Choice Based Open Elective Course
 (Students are required to opt any one of the following courses)
 Soft Skill in information Technology
 Computer Applications and Operators
 Fundamentals of Biotechnology
 Mysteries of Green Plants
 Botany in Rural Developments
 Nutrition, Health & Hygiene
 Fundamental of Arabic Language
 Applied English
 Higher Education
 Principles of Banking
 Basis of Tourism and Travel Agency
 Tourism Resources of J&K
 Business Communication & Soft Skills
 Instructional Technology

Semester-III

Computational methods of ODE and PDE
 Applied Multivariable Calculus
 Applied Harmonic Analysis
 LATEX and Lab Course on MS-316

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

Mathematical Finance
 Graph and Network Theory
 Modeling and Simulation
 Applied Probability and Random Processes
 Mathematical Programming
 Modeling of Real World Problems by Variational Inequalities

Semester-IV

Dissertation/ Major Project
 Technical Communication
 Lab course on SPSS

Choice Based Complementary Electives
 (Students are required to choose any Three of the following courses)

Wavelets and Applications
 Mathematics of Insurance
 Fluid Dynamics
 Algorithmic optimization
 Integral Equations and Applications
 Bio Mathematics
 Finite Fields and Coding Theory
 Applied Functional Analysis – II
 Dynamical Systems

INTAKE:

Programme		Intake Capacity	Admitted Male	Admitted Female	Total
M.Sc. Mathematics (Morning)	General	30	21	09	30
	Self Financing	10	02	02	04
M.Sc. Mathematics (Evening)		30	22	08	30
M. Sc. Mathematics (Specialization: Applied Mathematics)	General	25	02	02	04
	Self Financing	00	00	00	00

CONFERENCES/SEMINARS / WORKSHOPS ATTENDED / PAPER PRESENTED BY FACULTY MEMBERS:

- Dr. Zaheer Abbas presented a paper in **12th JK Science Congress**, March 2- 4, 2017, Organised by University of Jammu, Jammu.

- Dr. Zaheer Abbas, delivered an invited talk in ***National seminar on Recent Advances in Complex Analysis and Operator theory*** and 27th Annual conference of Jammu Mathematical Society, February 15- 17, 2018, Organised by Department of Mathematics, University of Jammu, Jammu.
- Dr. Zaheer Abbas, delivered an invited talk in ***Two Day National Science Congress***, March 19-20, organized by Govt. Degree College Thanamandi, Thannamandi, Rajouri, J and K, India.
- Dr. Zaheer Abbas, attended ***Instructional Schools for teachers***, 23rd of October to 4th of November, 2017, in Bhaskaracharya Pratishthana, Pune, India.
- Dr. Javid Iqbal, attended in the ***National Conference on “Topology, Analysis, Algebra and their Applications***, organized by Department of Mathematics, SMVDUniversity, Katra, J&K, India w.e.f. March 7-8, 2017 and presented a research paper entitled “Monotone Mapping and its Applications for Solving a Set Valued Variational Inclusion Problem”.
- Dr. Javid Iqbal, attended the ***International Conference on “Advances in Computational Mathematics”***, organized by Department of Mathematics, University of Dhaka, Bangladesh w.e.f. May 27-28. 2017 and Presented a research paper entitled “Solution of Singularly Perturbed Problems (SPP) using Haar Wavelet Collocation Method”.
- Dr. Javid Iqbal, attended the ***International Conference on “Analysis and its Applications (ICAA-17)”***, organized by Department of Mathematics, Aligarh Muslim University, Aligarh w.e.f. Nov. 20-22, 2017 and Presented a research paper entitled “Solution of Linear and non linear Singular Boundary Value Problem using Legendre Wavelet Method”.
- Dr. Javid Iqbal, delivered an invited talk in the ***Two Day National Conference Science*** organized by Govt. Degree College Thanamandi w. e. f. March 19-20, 2018 on the topic “Numerical solution using Wavelets Methods”.
- Dr. Rustum Abass presented paper entitled as ***Numerical Solution of Hammerstein-Integral Equation using Chebyshev Wavelet Method*** presented in ***Two Day National***

Conference on Interdisciplinary Science and Humanities organized by Department of Mathematics from March 15 to March 16, 2017 in Govt. P.G. College Rajouri, University of Jammu, (J & K)-India.

- Dr. Rustum Abass presented paper entitled as **Numerical Solution of Fractional Relaxation Equation using wavelet method presented in Mathematical Sciences and Its Application** organized by G.G.M. Science College Jammu, University of Jammu, (J & K)-India.

- Dr. Rustum Abass presented paper entitled as **Numerical Solution of singularly perturbed problems using Haar wavelet collocation method in International conference on New frontiers of engineering, Science, Management and Humanities**, organized by OM institute of Technology and Management, feb, 04, 2018.

PUBLICATIONS

Abbas, Z. (2017), **Elementary Real Analysis**, Real world Publishers, ISBN: 978 -93 - 85491 – 02 -3.

RESEARCH PAPER PUBLICATIONS

- Abbas, Z. (2017), **Product of Multiplication, Composition and differentiation Operators on Weighted Hardy Spaces**, International Journal of Computational and Applied Mathematics, ISSN: 1819-496,6 Volume 12, No. 3 (2017), pp. 769-778 (With Kumar, P. Kumar)
- Abbas, Z. (2017), **Products of Composition, Multiplication, and differentiation between Hardy spaces and weighted growth spaces of the upper half plane** “Global Journal of Pure and Applied Mathematics, ISSN: 0973-1768, Volume 13, No. 9 (2017), pp. 6303-6316 (With Kumar, P. Kumar).

- Shekhar , C, Jain, M , Iqbal , J. and Raina, A. A., (2017). “**Threshold Control Policy for Maintainability of Manufacturing System with Unreliable Workstations**”. Arabian Journal for Science and Engineering, 42:4833-4851(2193567X (P), 21914281(E)).
- Shekhar , C., Jain, M. , Raina, A. A. and Iqbal , J. (2017). “**Optimal (N,F) Policy for Queue-dependent and Time-sharing Machining redundant System**”. International Journal of Quality & Reliability Management, (34)(6):798-816(0265-671X).
- Shekhar , C., Raina, A. A. and Iqbal , J. (2017). “**A Survey on Queuing Machine System: Progress in 2010-2016**”. Yugoslav Journal of Operational Research, (27)(4) :391-412 (0354-0243(P),2334-6043(E)).
- Iqbal, J. and Abass, R. (2017). “**Numerical Solution of Hammerstein Integral Equation Using Chebyshev Wavelet Method**”. J. Math. Comput. Sci.,(7)(1) : 39-58(1927-5307).
- Shekhar , C., Jain, M. , Raina, A. A. and Iqbal , J. (2018). “**Reliability Prediction of Fault Tolerant Machining System with Reboot and Recovery Delay**”. International Journal of System Assurance Engineering and Management,(9)(2):377-400(0975-6809(P),0976-4348(E)).
- R. Abass and F.A. Shah, **Generalized wavelet collocation method for solving fractional relaxation-oscillation equation arising in fluid mechanics**, Int. J. Comput. Mater. Sci. Engg., 6(2), (2017)1-17 (World scientific), Inderscience.
- R. Abass and F.A. Shah, **An Efficient Wavelet-Based Collocation Method for Handling Singularly Perturbed Boundary-Value Problems in Fluid Mechanics**, International Journal of Nonlinear Sciences and Numerical Simulation, 19(1), (2018).1-11.

EMINENT VISITORS

- **Prof. A. H. Siddiqui** visited our department, from March 26 to April 4, 2017 as an adjunct faculty and delivered lectures on various topics connected with wavelets and Data mining.

OTHER ACTIVITIES

- The Department organized 7th **Baba Ghulam Shah Badshah Mathematics Conference** on March 07, 2018. In the conference around 300 students from various schools, colleges and universities of the state participated.
- The Department **won inter departmental volley ball MEN'S tournament.**

INVITED LECTURES / INVITED TALKS DELIVERED BY FACULTY MEMBERS OUTSIDE THE UNIVERSITY:

- Dr. Zaheer Abbas, delivered an invited talk in ***National seminar on Recent Advances in Complex Analysis and Operator theory and 27th Annual conference of Jammu Mathematical Society***, February 15- 17, 2018, Organised by Department of Mathematics, University of Jammu, Jammu.
- Dr. Zaheer Abbas, delivered an invited talk in ***Two Day National Science Congress***, March 19-20, organized by Govt. Degree College Thanamandi, Thannamandi, Rajouri, J and K, India.
- Dr. Javid Iqbal, delivered an invited talk in the ***Two Day National Conference Science*** organized by Govt. Degree College Thanamandi w. e. f. March 19-20, 2018 on the topic “ Numerical solution using Wavelets Methods”.

MEMBERS OF BOARD OF RESEARCH STUDIES

Prof. Mohd Asghar Dean
Dr. Zaheer Abbass Head

MEMBERS OF BOARD OF STUDIES

Prof. Mohd Asghar Dean
Dr. Zaheer Abbass Head
Dr. Javid Iqbal Member
Mrs. Sharuti Gupta M. Sc
Prof. Mohd Mursleen External Expert

APPLIED SCIENCES & HUMANITIES

SCHOOL OF NANOTECHNOLOGY/ M.Sc. PHYSICS

FACULTY

Name	Qualification	Designation	Specialization
Anil Maini	M.Phil (PhD pursuing from NIT Srinagar)	Assistant Professor	Theoretical Physics & Nanotechnology

CONFERENCES / SEMINARS / WORKSHOPS ATTENDED / PAPER PRESENTED BY FACULTY MEMBERS

- Participated in One week Short term course on "**Scilab Programming through ICT**" held from 21st-25th August, 2018 at CSE Department SoET, BGSBU.
- Two days workshop on "**Outcome Based Education (OBE)**" held from March 19-20, 2018 held at SoET, BGSB University under TEQIP-III.

LECTURE / TALKS / PRESENTATIONS DELIVERED BY FACULTY MEMBERS OUTSIDE UNIVERSITY:

- Visited "**Himalayan Education Mission, Higher Secondary School**" on October 7th, 2017 and delivered Guest Lecture on the Topic "Scope of Physics for students after 10+2".

MEMBERS OF BOARD OF STUDIES

Member of the Board of Studies of IHMR, 29th December, 2017

APPLIED MATHEMATICS

FACULTY

Name	Qualification	Designation	Specialization
Ram Singh	Ph.D	Assistant Professor	Applied Mathematics
Naveen Sharma	M.Phil in Mathematics	Lecturer	Applied Mathematics

M.Phil/Ph.D

	M.Phil	Ph.D
Registered	Nil	02
Awarded	02	Nil

CONFERENCES / SEMINARS / WORKSHOPS ATTENDED/PAPER PRESENTED BY FACULTY MEMBERS

- Paper entitled “ ***Mathematical Modeling and Computational Aspect of Epidemics (Co-infection)***” presented in UGC sponsored National Conference on Topology, Analysis, Algebra and Their Applications held at SMVD University, Katra on 7-8 March , 2017.
- Participated in ***One week Short term course on “MATLAB and LABVIEW with its Hardware Interface through ICT”*** held from 29 Jan-02 Feb 2018 at Power Electronics Lab, SoET, BGSBU.
- Participated in ***One week Short term course on “Power Quality monitoring and Analysis through ICT”*** held from 30 Oct-3 Nov 2017 at Power Electronics Lab, SoET, BGSBU.
- Participated in ***One week Short term course on “Scilab Programming through ICT”*** held from 21th-25th August, 2018 at CSE Department SoET, BGSBU.

**LECTURER / TALKS / PRESENTATIONS DELIVERED BY FACULTY MEMBERS
OUTSIDE UNIVERSITY:**

- Delivered an Invited lecture in National Conference "***Mathematical Sciences and Scientific Computing for Industrial Development***" held at Manipal University Jaipur on 24-26 Nov, 2017.

SCHOOL OF ENGINEERING & TECHNOLOGY

UNIVERSITY POLYTECHNIC

INTRODUCTION

University Polytechnic College is a constituent of Baba Ghulam Shah Badshah University established in the year of 2009. University Polytechnic has become one of the premier learning centres in the field of Diploma Engineering. Workshops and Seminars are held throughout the year involving academic and industry experts.

FACULTY

S.No	Name	Qualification	Designation	Specialization
1	Mohd Rafiq	M.Tech	Lecturer	Electrical Engineering
2	Rafia Khatoon	M.Phil	Lecturer	Organic Chemistry
3.	Shivinder Mehta	M Tech	Lecturer	Electrical Engineering
4	Shakoor Ahmed	B. Tech	T.A	Mechanical Engineering
5	Showket Maqbool	M.Tech	Lab. Tech.	Construction Technology & Management
6	Farooq Ahmed	B. Tech	Lab. Tech.	Mechanical Engineering
7	Amit Dugotra	M.Tech (pursuing)	Lab. Tech.	Electronics & Communication Engineering
8	Harpreet Kour	M.Tech	A.P	Electrical Engineering
9	Mohd Mukhtar	M.Tech	A.P	Digital Communication
10	Atif Mehmood	B-Tech	T.A	Structure Engineering
11	Sahil Hamid	M.Tech	A.P	Digital Communication
12	Princess Raina	M. Sc	T.A	Applied Mathematics
13	Ramandeep singh	B.Tech	T.A	Civil Engineering

14	Safeer Ahmed	B.Tech	T.A	Civil Engineering

ENROLLMENT

Sem. I	Sem. II	Sem. III	Sem. IV	Sem. V	Sem. VI	Total
18	18	32	32	27	27	77

M.Phil / Ph.D.

	M. Phill	Ph.D
Registered		02
Awarded	02	

PROGRAMMES OFFERED

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

INTAKE

Intake	Admitted Male	Admitted Female	Total
77	72	5	60

CONFERENCES / SEMINARS / WORKSHOPS ATTENDED / PAPER PRESENTED BY FACULTY MEMBERS**Er. Mohd Rafiq**

- Attended Two days workshop on Technopreneurship held at University Polytechnic BGSBU on 7th & 8th Nov, 2017.
- Attended *two day workshop on Outcome based education (ODE)* held at School of Engineering and Technology, BGSB University, Rajouri J& K on March 19-20, 2018 under TEQUIP-3.

Mrs. Rafia Khatoon

- Attended Two days workshop on Technopreneurship held at University Polytechnic BGSBU from 7th & 8th Nov, 2017.
- Attended two day workshop on Outcome based education (ODE) held at School of Engineering and Technology, BGSB University, Rajouri J& K on March 19-20, 2018 under TEQUIP-3.

Er. Shivinder Mehta

- Attended Two days workshop on Technopreneurship held at University Polytechnic BGSBU from 7th & 8th Nov, 2017.
- Attended two day workshop on Outcome based education (ODE) held at School of Engineering and Technology, BGSB University, Rajouri J& K on March 19-20, 2018 under TEQUIP-3.

Er. Harpreet Kour

- Attended Two days workshop on Technopreneurship held at University Polytechnic BGSBU from 7th & 8th Nov, 2017.
- Attended National Conference on ETIECE held at SoET BGSBU on 26th, August, 2017
- Attended Two days workshop on “Outcome Based Education” held at MCA conference hall BGSBU from 19th & 20th March, 2018.

- Attended one day seminar on moral ethics held at University Polytechnic.
- Participated in the Industrial Interaction on Electrical Systems in Thermal Power Plant in SoET, BGSBU.
- Attended Short term course on “Power quality monitoring & Analysis through ICT” from held at SoET from NITTTR(30-10-2017 to 03-11-2017)

Er. Mohd Mukhtar

- Attended Two days workshop on Technopreneurship held at University Polytechnic BGSBU on 7th & 8th Nov, 2017.
- Attended national conference on ETIECE held at SoET BGSBU from 26th, August, 2017
- Attended Two days workshop on “Outcome Based Education” held at MCA conference hall BGSBU from 19th & 20th March, 2018.
- Attended one day seminar on moral ethics held at University Polytechnic.
- Attended Short term course on “Power quality monitoring & Analysis through ICT” from held at SoET from NITTTR(30-10-2017 to 03-11-2017)

Atif Mehmood

- Attended two days workshop on Technopreneurship held at University Polytechnic BGSBU from 7th & 8th Nov, 2017.
- Attended Two held at MCA conference hall BGSBU from 19th & 20th March, 2018.
- Attended one day seminar on moral ethics held at University Polytechnic.
- Attended two day workshop on Outcome based education (ODE) held at School of Engineering and Technology, BGSB University, Rajouri J& K on March 19-20, 2018 under TEQUIP-3.

Ms. Princess Raina

- Presented paper entitled “A study on exploring air pollution data by wavelet Analysis in national seminar on “Recent Advances in complex analysis and operator theory” and 27th Annual conference of the Jammu Mathematical Society organized by the Department of Mathematics, University of Jammu. (Feb 15-17, 2018)
- Attended two day workshop on “Technopreneurship” organized by University Polytechnic BGSB University Rajouri (7-8, Nov 2017).
- Presented paper entitled “A Comparative study of Image Denoising method based upon Wavelet transform in two day National seminar Science Conference held at Govt. Degree College Thanamandi on (March 19-20, 2018).
- Attended two day workshop on Outcome based education (ODE) held at School of Engineering and Technology, BGSB University, Rajouri J& K on March 19-20, 2018 under TEQUIP-3.
- Participated in AICTE recognized Short term course on “Matlab and Lab view with its Hardware Interface through ICT conducted by electrical Engineering Department from (29 Jan, 2018-2 Feb, 2018) one week at BGSB University.
- Attended one day seminar on moral ethics held at University Polytechnic.

Er.Sahil Hamid

- Attended Two days national conference on V-IMPACT at jaipur Rajasthan from 14-15 October 2017.
- Attended Two days national conference on ETIECE held at SOET from August 26-27 2017.

- Presented paper entitled “Comparative Analysis of Different Techniques of PAPR Reduction in OFDM System” in two days National Conference on IJSRCSEIT, 23-24 April, 2018.
- Attended One day seminar on “Moral Ethics” held at university polytechnic BGSBU.
- Attended Short term course on “Power quality monitoring & Analysis through ICT” from held at SOET from NITTTR (30-10-2017 to 03-11-2017)

Er. Raman Deep Singh

- Attended Two days workshop on Technopreneurship held at University Polytechnic BGSBU from 7th & 8th Nov, 2017
- Attended National conference on ETIECE held at SoET from 26th, August, 2017
- Attended one day seminar on moral ethics held at University Polytechnic.
- Attended two day workshop on Outcome based education (ODE) held at School of Engineering and Technology, BGSB University, Rajouri J& K on March 19-20, 2018 under TEQUIP-3.

Er. Safeer Ahmed

- Attended Two days workshop on Technopreneurship held at University Polytechnic BGSBU from 7th & 8th Nov, 2017
- Attended National conference on ETIECE held at SoET from 26th, August, 2017
- Attended one day seminar on moral ethics held at University Polytechnic.
- Attended two day workshop on Outcome based education (ODE) held at School of Engineering and Technology, BGSB University, Rajouri J& K on March 19-20, 2018 under TEQUIP-3.

Er. Showkat Maqbool

- Attended National conference on ETIECE held at SoET from 26th, August, 2017
- Participated in the Industrial Interaction on Electrical Systems in Thermal Power Plant held at SoET on 11th May, 2017.
- Attended one day seminar on moral ethics held at University Polytechnic.
- Attended two days workshop on Technopreneurship held at University Polytechnic BGSBU from 7th & 8th Nov, 2017.
- Attended “Effect of PET” on behavior of Concrete IJAERD
- Attended two day workshop on Outcome based education (ODE) held at School of Engineering and Technology, BGSB University, Rajouri J& K on March 19-20, 2018 under TEQUIP-3.

Er. Amit Dusgotra

- Attended two days workshop on Technopreneurship held at University Polytechnic BGSBU from 7th & 8th Nov, 2017.
- Attended one day seminar on moral ethics held at University Polytechnic.
- Attended two days workshop on ROBOTICS held at R & D block in SoET BGSBU
- National conference on ETIECE held at SoET from 26th, August, 2017
- Attended two day workshop on Outcome based education (ODE) held at School of Engineering and Technology, BGSB University, Rajouri J& K on March 19-20, 2018 under TEQUIP-3.

Er. Farooq Ahmed

- Attended two days workshop on Technopreneurship held at University Polytechnic BGSBU from 7th & 8th Nov, 2017.
- Attended one day seminar on moral ethics held at University Polytechnic.
- Attended two days workshop on ROBOTICS held at R & D block in SoET BGSBU
- National conference on ETIECE held at SoET from 26th, August, 2017
- Attended two day workshop on Outcome based education (ODE) held at School of Engineering and Technology, BGSB University, Rajouri J& K on March 19-20, 2018 under TEQUIP-3.

RESEARCH PUBLICATIONS

- Abbas.Z, Raina.P on **“Shanon Wavelet Analysis with Applications: A Survey”** published in IOSR Journal of Mathematics vol. 12, Issue5 , ver.8 (Sept_Oct 2016).
- Abbas.Z, Raina.P on **“A study of Denoising methods using Wavelets”** by Global journal of Pure and Applied mathematics.
- Shivinder Mehta, Er. Harpreet Kour, on **“Power system Stabilizer for single Machine Infinite Bus System”**. In International Journal of advanced research in Electrical, Electronics & Instrumentation Engineering ISO 3297: 2007,(ISSN-2320-3765)
- Shivinder Mehta, Er Neetan Sharma, Dr Farhad Ilahi Bakhsh, **“Green Independence”** in IJSRCSEIT, Volime 4, Issue 1, April 2018.
- Kour, Harpreet, Mehta, S.S, May, 2017 **“Power system Stabilizer for single Machine Infinite Bus System”**. International Journal of advanced research in

Electrical, Electronics & Instrumentation Engineering ISO 3297: 2007,(ISSN-2320-3765)

- Sahil Hamid, Malik Mubashir Hassan, April, 2018 **“Comparative Analysis of Different Techniques of PAPR Reduction in OFDM System, Review”** IJSRCSEIT | Volume 4 | Issue 1 | ISSN: 2456-3307.
- Sahil Hamid Mrs. Ruchi Sharma, June, 2017 **“Comparative study between various PAPR Reduction Techniques”** IJERA, Vol 7, Issue 6.
- Sahil Hamid, May 2018 **“PAPR Reduction in OFDM system using hybrid DFT spreading Technique”**

OTHER ACTIVITIES OF FACULTY

Er. Mohd Rafiq

- Branch Incharge of Electrical Engineering Department
- Examination Incharge of University Polytechnic
- Organizing member in Quiz Competition held at University Polytechnic
- Time Table Incharge
- Member of Anti-Ragging Squad

Mrs. Rafia Khatoon

- Coordinator of Applied Sciences
- Time table Incharge
- Member of Anti-Ragging Squad
- Stage Secretary & member of organizing committee of two days workshop on Technopreneurship
- Stage secretary in “Beti Bachao Beti Padhao” programme organized by District Administration at BGSB University auditorium on 20th Nov,2017
- Escorted as Manger for girls Sport team hosted by University of Jammu w.e.f. 22nd to 27th March,2018 in 2nd State Universities Sports Championship 2018.

Er.Harpreet Kour

- Organizing member in Quiz Competition held at University Polytechnic
- Member of Organizing Committee of two days workshop on Technopreneurship
- Member of one day seminar on moral ethics.
- Cordinator of 4th semester Electrical Engineering, University Polytechnic, BGSBU.

Er. Mohd Mukhtar

- Organizing member in Quiz Competition held at University Polytechnic
- Member of Organizing Committee of two days workshop on Technopreneurship
- Member of one day seminar on moral ethics.

Atif Mehmood

- Organizing member in Quiz Competition held at University Polytechnic
- Member of Organizing Committee of two days workshop on Technopreneurship
- Member of one day seminar on moral ethics.

Princess Raina

- Organizing member in Quiz Competition held at University Polytechnic
- Member of Organizing Committee of two day workshop on Technopreneurship
- Member of one day seminar on moral ethics.
- Life time member of Indian society of Industrial and Applied Mathematics.

Er.Raman Deep Singh

- Member of Organizing Committee of two day workshop on Technopreneurship
- Organizing member in Quiz Competition held at University Polytechnic

Er.Safeer Ahmed

- Member of Organizing Committee of two day workshop on Technopreneurship
- Organizing member in Quiz Competition held at University Polytechnic.

Er. Sahil Hamid

- Member of Organising committee of two days national Conference on ETIECE held at SoET from 26th, August, 2017
- Member of organizing committee in Seminar on Moral Ethics organized in University polytechnic BGSBU.

AWARDS / APPRECIATION / HONOURS TO FACULTY / STUDENTS IN ACADEMICS / RESEARCH etc.

Following Faculty members received Certificate of Apperciation (CoA) from Vice Chancellor Baba Ghulam Shah Badshah University for successfully organizing ***Two Days Workshop on Technopreneurship***

- **Er. Mohd Rafiq**
- **Mrs. Rafia Khatoon**
- **Er. Shivinder Mehta**
- **Er Harpreet Kour**
- **Er. Mohd Mukhtar**
- **Er. Atif Mehmood**
- **Ms. Princess Raina**
- **Er. Raman Deep Singh**
- **Er. Safeer Ahmed**
- **Er. Showket Maqbool**

LECTURES / TALKS / PRESENTATION DELIVERED BY FACULTY MEMBERS OUTSIDE UNIVERSITY**Princess Raina**

- Presented paper entitled "A study on exploring air pollution data by wavelet Analysis in a national seminar on "Recent Advances in complex analysis and operator theory" and 27th Annual conference of the Jammu Mathematical Society organized by the Department of Mathematics, University of Jammu. (Feb 15-17, 2018).

- Presented paper entitled "A Comparative study of Image Denoising method based upon Wavelet transform in two day National seminar Science Conference held at Govt. Degree College Thanamandi on (March 19-20, 2018).

B.Tech PROGRAMMES

CIVIL ENGINEERING

INTRODUCTION OF THE DEPARTMENT

The Civil Engineering Department was established in the year 2007. Initially the department was working as a support for other engineering branches and offered courses like Engineering Mechanics and Engineering Graphics for the first-year students and Strength of Materials, etc.

The department started offering B. Tech programme in Civil Engineering in the year 2007. A team of qualified faculty and ample experience is the highlight of the department. Also, Department started B.E Evening programme from 2016.

The objective of the B.Tech/ B.E. graduate program in Civil Engineering is to provide the students good understanding of civil engineering solutions in a global, societal and environmental context, consistent with the principles of sustainable development. The course will make the students capable Identifying, formulating and solving civil engineering problems that meet specified performance, cost, time, safety and other quality needs and objectives with professional and ethical responsibility.

The program emphasis on industry standard and research-based projects, which would enhance their skills to become successful professionals for a holistic development.

VISION

Emerge as a Center of Excellence in Civil Engineering, fostering a generation of globally competent and socially committed civil engineers who will contribute to the nation building process.

FACULTY

Name	Qualification	Designation	Specialization
Mir Aijaz Ahmed	M.Tech	A.P.	Construction technology and management
Vaseem Ahmad Shahnaz	M.Tech	A.P.	Water Resources Engineering
Zishan Aslam	M.Tech	A.P.	Environmental engineering
Pervez alam	M.Tech	A.P.	Environmental Engineering
Nasir Ahmad Rather	M.Tech	A.P.	Water Resources Engineering
Shahid Ul Islam	M.Tech	A.P.	water resources
Ameer Ullah Ganai	M.Tech	A.P.	Geotechnical Engineering
Najim ali	M.Tech	AP (TEQIP-III)	Geotechnical Engineering
Satya Prakash	M.Tech	AP (TEQIP-III)	Water resource engineering
Atul Sardalia	M.Tech	AP (TEQIP-III)	Structural engineering
Km Sharda Gupta	M.Tech	AP (TEQIP-III)	Geotechnical engineering
Pankaj rana	M.Tech	AP (TEQIP-III)	Soil dynamics (Earthquake Engineering)
Rahul Chandan	M.Tech	A.P	Hydraulics Engineering
Sayed Sadulla Ahmed	M.Tech	AP (TEQIP-III)	Water Resources Engineering

ENROLLMENT

Sem II	Sem IV	Sem VI	Sem VIII	Total
64	78	80	82	304

CURRICULAM**Semester - I**

Fundamentals of Mech. Engg.
 Mathematics-I
 Computer Fundamentals
 Basic Electrical Engineering

Engineering Physics
Engg. Chemistry & Env. Sc.

Labs
Computer Fundamentals
Basic Electrical Engineering
Engineering Physics
Engineering Chemistry

Semester - II

Communication Skills
Mathematics-II
C Programming
Basic Electronics
Engineering Mechanics
Engineering Drawing
Labs
Structural Analysis-I
Hydraulics Lab-I
Surveying-I

Semester - III

Mathematics -III
Structural Analysis-I
Hydraulics-I
Surveying-I
Building Material & Const.
Entrepreneurship Dev. Mgmt.

Labs
Structural Analysis-I
Hydraulics Lab-I
Surveying-I

Semester - IV

Mathematics-IV
Structural Analysis-II
Hydraulics-II
Surveying-II
Construction Tech. & Mgn,
Building Drawing
Labs
Structural Analysis-II
Hydraulics Lab-II
Surveying-II

Semester - V

Estimating & Costing
Structural Analysis-III
Design of Structures-I
Geotechnical Engineering-I
Concrete Technology

Environmental Engg. I
 Labs
 Geotechnical Engineering-I
 Concrete Technology
 Environmental Engg- I

Semester - VI

Transportation Engineering-I
 Water Resources Engg.
 Design of Structures-II
 Geotechnical Engineering-II
 Geology & Earthquake Engg
 Environmental Engineering- II
 Labs
 Transportation Engineering -I
 Geotechnical Engineering-II
 Survey Camp

Semester - VII

Transportation Engg-II
 Irrigation & Flood Control
 Design of Structures III
 Major Project-I

Elective – I & Elective - II

Rock Mechanics
 Adv. Geo-Technical Engg.
 Tunnel Engineering
 Rural water Supply & Sanitation
 Environmental Assessment & Modelling
 Applied Hydrology
 Design of Hydraulic Structures
 Remote sensing & GIS
 Disaster Management
 Maintenance Engineering
 Labs
 Industrial Training
 Seminar
 STAAD Pro

Semester-VIII

Major Project
Elective – III & Elective - IV
 Architecture & Town Planning
 Earthquake Resistant Designs
 Bridge Engineering
 Soil Chemistry
 Tall Buildings
 Hydro-Power Engineering
 Ground Water Hydrology
 Optimization in Civil Engineering

Industrial structures
Prefabricated structures

CONFERENCES / SEMINARS / WORKSHOPS ATTENDED / PAPER PRESENTED BY FACULTY MEMBERS

- Vaseem Ahmad Shahnaz attended **Workshop on Outcome Based Education** held at BGSBU,Rajouri from 19th -20th March,2018
- Mir Aijaz Ahmed participated in **One Week Short Term Course** at ERE Department BGSBU from 12th to 16th March 2018 on "**Recent advances in Power and Energy Engineering**".
- Mir Aijaz Ahmed presented paper in **National Conference on 'Emerging trends and innovations in Electronics and communication Engineering'** held at BGSBU Rajouri, on '(a) Hydropower and (b) Civonics"
- Mir Aijaz Ahmed presented paper in **JK Science Congress** held at Kashmir University, "Recycling of demolished concrete".
- Zishan Aslam attended **Workshop on Extreme loading** held at IIT roorkee
- Zishan Aslam attended **Workshop on Outcome Based Education** held at BGSBU,Rajouri from 19th -20th March,2018
- Pervez Alam, Mufed Sarholi and Kafeel Ahmad attended **Seminar on "A Study of Landfill Leachate and its impact on ground water quality of Gazipur area"**, New Delhi, India, RECYCLE-2018, 22-24 Feb, 2018, IIT Guwahati.
- Nasir Ahmad Rather attended **Workshop on Outcome Based Education** held at BGSBU,Rajouri from 19th -20th March,2018
- Shahid Ul Islam presented paper titled "**Rubber dam for enhancing the storage and hydropower generation potential of existing dams**" in **International Dam**

Safety Conference - 2018 23rd & 24th January, 2018 at Thiruvananthapuram, Kerala (India) organized by Ministry of Water Resources, River Development & Ganga Rejuvenation Government of India

- Shahid Ul Islam participated in AICTE recognized **Short Term Course on "Matlab and Lab view with its hardware interface through ICT"** conducted by NITTTR Chandigarh from 29 Jan 2018 to 02 Feb 2018.
- Shahid Ul Islam participated in **Two Day Workshop on " Outcome based education"** held at SoET BGSBU from March 19-20, 2018
- Ameer Ullah Ganai participated in **"5 days training cum workshop on application of computer applications in Civil Engineering"** organised by Department of Civil Engineering NIT Srinagar and IGS Chapter during June 29-July-03 2017.
- Ameer Ullah Ganai participated in AICTE recognized **Short Term Course on MATLAB and Lab Review with its hardware interface through ICT** conducted by Electrical Engg. Dept. NITTTR Chandigarh from 29-01-2018 to 02-02-2018 (One Week) at BGSBU, Rajouri (J&K).
- Ameer Ullah Ganai participated in **One Week Short Term Course** at ERE Dept. BGSBU from 12th to 16th March 2018 on "Recent advances in Power and Energy Engineering".
- Ameer Ullah Ganai participated and Presented a paper on **" A comparative study on dry density and CBR values on soils using jute as reinforcing material" in first international conference on recent developments in science, humanities and management-2018** held on 17th - 18th April 2018 at Amarsingh College, Cluster University Srinagar.
- Atul Sardalia participated in **workshop on Faculty Induction Program** held at IIT Kanpur from 29 Jan to 2 Feb, 2018
- Atul Sardalia participated in **workshop on Outcome Based Education** held at BGSBU, Rajouri from 19th -20th March, 2018

- Satya Prakash participated in **workshop on faculty Induction Program** held at IIT Hyderabad from 30 Jan.to 3 Feb.2018
- Satya Prakash participated in **Workshop on Outcome Based Education** held at BGSBU, Rajouri from 19th -20th March,2018
- Najim Ali participated in **Workshop on faculty Induction Program** held at IIT Hyderabad from 30 Jan.to 3 Feb.2018
- Najim Ali participated in **Workshop on Outcome Based Education** held at BGSBU, Rajouri from 19th -20th March,2018
- KM Sharda Gupta participated in **Workshop on faculty Induction Program** held at IIT Hyderabad from 30 Jan.to 3 Feb.2018
- KM Sharda Gupta participated in **Workshop on Outcome Based Education** held at BGSBU, Rajouri from 19th -20th March,2018
- Pankaj Rana participated in **Workshop on faculty Induction Program** held at IIT Hyderabad from 30 Jan.to 3 Feb.2018
- Pankaj Rana participated in **Workshop on Outcome Based Education** held at BGSBU, Rajouri from 19th -20th March,2018
- Rahul Chandan participated in **Workshop on Outcome Based Education** held at BGSBU, Rajouri from 19th -20th March,2018
- Sayed Sadulla Ahmed participated in **Workshop on faculty Induction** held at IIT Hyderabad from 30 Jan.to 3 Feb.2018
- Sayed Sadulla Ahmed participated in **Workshop on Outcome Based Education** held at BGSBU, Rajouri from 19th -20th March,2018

RESEARCH PUBLICATIONS

- Mir Aijaz Ahmed published paper on ***'Hydropower for sustainable engineering development'*** in IJAERD
- Mir Aijaz Ahmed published paper on ***'Application of sensor for prevention of failure in structures'*** in IJAERD,
- Mir Aijaz Ahmed published paper on ***'Recycling of Demolished concrete'*** in JK Science Congress
- Anwar Ali Khan, H. G. Loan and Pervez Alam, ***"Study and Assessment of Road Traffic Noise at Some Selected Locations of New Delhi India"***, IJRST,2017, Vol-3, No,10, pp. 82-91.
- Rather, N. A., Lone M. A. and Dar A. Q. and Mir, B.H. ***"Laboratory Investigations for Development of Design Criteria for Varying Shapes of Protective Filters"***. International Journal of Geotechnical Engineering,
- Rather, N. A., Lone M. A., Dar A. Q., Eslamian, S., Mir, B. H. and Dar, B. A. (2018). ***"Design criteria of protective filters based on particle shape and gradation parameters. International Journal of Hydrology Science and Technology"***
- Rather, N. A., Lone M. A., Dar A. Q. (2017). ***"Design criteria of Round shape filters for cohesion less bases. International Journal of Advanced Structures and Geotechnical Engineering"***, Vol. 6 Page 120-125, DOI: 10.5281/zenodo.1172927.
- Mir, B. H., Lone M. A., Bhat, J. A., Rather, N. A. (2018). ***"Effect of gradation of bed material on local scour depth. Geotechnical and Geological Engineering"***, DOI: 10.1007/s10706-018-0479-x.
- Rather, N. A., Lone M. A. and Dar A. Q. (2017). ***"Design criteria of blade shape filter material for graded cohesion less bases. International Journal of Geotechnical Engineering"***, DOI: 10.1080/19386362.2017.1377366
- Ameer Ullah Ganai published paper on ***"A comparative study on Dry Density and CBR Values on soils using jute as reinforcing material"*** in International Journal of Advance in Science and Engineering, Volume No: 07 special issue No: 04, March 2018, ISSN (O): 2319:8354, ISSN(P): 2319:8346

- Rahul Chandan published paper on ***“Impact of industrial Effluent on physicochemical character of Basanter River”***,IJIRSET , 6(3) page 3316-3323
- Rahul Chandan published paper on ***“Feasibility analysis of irrigation system: A case study of Khor village”***. IJIRSET ,3(2) page 276-281
- Rahul Chandan published paper on ***“Ground water quality Deterioration : A case study of district Samba”***,JK , JETIR, 4(12), Page 226-271

EMINENT VISITORS

- **Er. Nazir Ahmed Yattoo**, Vice President of JK Cements
- **Prof. Kafil Ahmed**, Civil Engineering Department, Jamia Milia Islamia University
- **Prof. Arif Sohail**, Ex-Principal, Zakir Hussain College, AMU

OTHER ACTIVITIES

- Participated in 2nd State Universities Sports Championship 2018 at Jammu University (Cricket-Men and Women, Football-Men, Volleyball-Men and Women, Table Tennis- Men and Women)
- Team participated Cricket Tournament organized by Army Rajouri Premier League

AWARDS / APPRECIATION / HONOURS TO FACULTY / STUDENTS IN ACADEMICS / RESEARCH ETC.

- Mir Aijaz Ahmed, Incharge Head of the Department received **Gold Medal** in M. Tech

LECTURES / TALKS / PRESENTATIONS DELIVERED BY FACULTY MEMBERS OUTSIDE UNIVERSITY.

Pervez Alam

- Presented lecture on “Sustainable development : ‘A key for socio- economic development of Nation” in one day seminar on sustainable development’ organized by Romeo Force, Degree collage Rajouri, J & K, India

Mir Aijaz Ahmad

- Presented lecture on “Passive Noise Control’ at NITTTR, Chandigarh
- Presented lecture on ‘Green Concrete’ at NITTTR, Chandigarh
- Presented lecture on ‘Noise Control Mechanism’ at NITTTR, Chandigarh

MEMBERSHIP OF BOARDS/ COMMITTEES OUTSIDE UNIVERSITY**Mir Aijaz Ahmad-**

- Member of Inspection Committee for Accreditation of MIET Engineering College

Rahul Chandan

- JETIR ISSN: 2349-5162, Member ID: 112078

Nasir Ahmad Rather

- Editorial Board member of international journal
- Editorial Board member of Insight-civil Engineering (International Journal)

MEMBERS OF BOARD OF STUDIES

- Mr. Vaseem Shahnaz- Department of Civil Engineering, BGSB University
- Mr. Mir Aijaz Ahmad- Department of Civil Engineering, BGSB University
- Mr. Pervez Alam- Department of Civil Engineering, BGSB University
- Mr. Zeeshan Aslam Department of Civil Engineering, BGSB University

COMPUTER SCIENCE AND ENGINEERING

INTRODUCTION OF THE DEPARTMENT

The Department of Computer Science and Engineering at the College of Engineering and Technology was started in 2007. The aim of the department is to strive for better and best accomplishments, so that students become responsible citizens, competent professionals and leading innovators. The department is contributing to the social needs of the society and ensuring sustainable development of the country as well as the world, on a whole. The faculty strength of the department has grown rapidly in the years from its start.

The B. Tech program is a four year program. During the past eleven years the emphasis is on imparting a solid foundation. The curriculum is designed in such a way that students are well equipped to understand and tackle moderately difficult problems from industry and academia. Most of our students go for internships at various companies during their summer vocations.

During the final year, we offer a large list of elective courses on advanced technologies. In addition, they undergo a year-long project where they work on latest technology of their interest in collaboration with faculty members. Ours is a young department and is growing at a fast pace. Our alumni have achieved tremendous success in all spheres and this bears an eloquent testimony to our efforts.

FACULTY

Name	Qualification	Designation	Specialization
Mr. Khalil Ahmed	M.Tech	AP	Image Processing Design & Analysis of Algorithms Computer Programming Cloud Computing
Mr. Amit Dogra	M.Tech	AP	Computer Network Management Information System Computer Fundamentals
Ms. Rukhsana Thaker	M.Tech	Lecturer	Visual Programming, Data Structures Operating Systems Computer programming

			Natural language processing Artificial Intelligence
Ms. Yusera Farooq Khan	M. Tech	AP	Visual Programming OOPS Computer graphics C programming Computer fundamentals
Mr. Taseem Nazir	M. Tech	AP	Internet & Web Design, Compiler Design. Database Management System, Computer Programming.
Mr. Mohd Saleem	M.Tech	AP	Cloud Computing Network Security Computer Programming
Mr. Sparsh Sharma	M.Tech, Ph.D (Pursuing)	AP (TEQIP)	Cyber Security Digital Forensics VANETs IOT
Mr Rafeeq Ahmed	M.Tech, Ph.D (Pursuing)	AP (TEQIP)	Text Mining /Data Mining, Big Data, IOT
Mr. Aditya Gupta	M.Tech	AP (TEQIP)	Operating Systems DBMS Data Structures Compiler Design
Mr. Prabal Verma	M.Tech	AP (TEQIP)	Theory of Computation DAA Operating System IoT, yFog-cloud computing
Mr. Mrityunjay Singh	M.Tech Ph.D (Pursuing)	AP (TEQIP)	Database Systems, Distributed Databases, Distributed OS, Data Mining & Big Data, Theory of Computation, C/C++, Java and Python Programming.

ENROLLMENT

1 st Year	2 nd Year	3 rd Year	4 th Year	Total
45	46	41	52	184

CURRICULAM**Semester I**

Communication Skills
Mathematics-I
Computer Fundamentals
Basic Electronics
Engineering Mechanics
Engineering Drawing
Computer Fundamentals Lab
Basic Electronics Lab
Engineering Mechanics Lab
Workshop Practice

Semester II

Fundamentals Of Mech. Engg.
Mathematics-II
C Programming
Basic Electrical
Engineering Physics
Eng. Chemistry & Env. Sciences
C Programming Lab
Basic Electrical Lab
Engineering Physics Lab
Eng. Chemistry & Env. Sciences Lab

Semester III

Mathematics-III
Data Structure
Database Management System
Signal & System
Digital Electronics
Object Oriented Programming
Data Structure Using C Lab
Digital Electronics Lab
Database Management System Lab

Semester IV

Mathematics – IV
Microprocessor & Interfacing
Software Engineering
Operating System
Data Command Computer Networks
Computer Graphics
Microprocessor & Interfacing Lab
Computer Graphics Lab
Object Oriented Programming Lab

Semester V

Discrete Mathematics
Visual Programming
Principles of Prog. Language
Communication System
Unix/Linux & Shell Programming
Computer Organisation & Architecture
Visual Programming Lab
Communication System Lab
Unix/Linux & Shell Programming Lab

Semester VI

Theory of Automata
Cryptography and Network Security
Java Programming
Design & Analysis of Algorithms
Management Information System
Internet and Web Technology
Java Programming Lab
Internet and Web Technology Lab
Mini Project

Semester VII

Fundamentals Of Digital Image Processing
Entrepreneurship Development Management
Computer Based Numerical Techniques
Major Project-Phase I
Fundamentals of Digital Image Processing Lab
Computer Based Numerical Technique Lab
Industrial Training
Elective-1 & 2
Distributed Computing
Grid Computing
Advanced Computer Architecture
Compiler Design
Pattern Recognition
Advanced Java
Expert Systems
Distributed Database System
Neural Networks
Display System Engineering
Optical Communication
.Net Technologies

Semester VIII

Major Project Phase II
Elective -1 & 2
Embedded Systems
Artificial Intelligence
Advanced Microprocessors & Microcontrollers
Bio-Informatics

Data Mining and Data Warehousing
 Cloud Computing
 Multimedia
 Wireless Networks
 Disaster Management
 Real Time Operating Systems
 Principles of Marketing & Management
 System Software

INTAKE

Intake	Admitted Male	Admitted Female	Total
60	39	06	45

CONFERENCES / SEMINARS / WORKSHOPS ATTENDED / PAPER PRESENTED BY FACULTY MEMBERS

- Mr. Khalil Ahmed participated in ***the AICTE recognized one week STC on "Linux Administration Using CentOS"*** conducted by CSE Department at NITTTR Chandigarh from 15-19 May 2017.
- Mr. Khalil Ahmed participated in National Conference on ***"Emerging Trends and Innovations in Electronics and Communication Engineering - ETIECE-2017"***, organized by department of ECE , BGSB university from 26 -27, Aug. 2017.
- Mr. Khalil Ahmed participated in the ***AICTE recognized one week STC on "Scilab Programming"*** through ICT conducted by CSE Department at BGSB University Rajouri JK from 21-25 August 2017.
- Khalil Ahmed, Amit Doegar, Presented a paper entitled ***"A Review on Human Identity and Gender Recognition from Gait Sequences"***, in International Conference IRSD-2017, NITTTR Chandigarh from 6-7 October, 2017.
- Mr. Khalil Ahmed presented a research paper entitled ***"A Novel Approach for Data Hiding with Random LSB Steganography"*** in an International Conference on Advanced Computing and Intelligent Engineering (ICACIE-2017) published by

Springer Series, held at Central University of Rajasthan, from 23-25th November, 2017.

- Mr. Khalil Ahmed participated in the ***AICTE recognized one week STC on “Power Electronics and its Applications”*** through ICT conducted by ERE Department at BGSB University Rajouri JK from 27-11-2017 to 01-12-2017.
- Mr. Khalil Ahmed participated in the ***AICTE recognized one week STC on “Matlab and Labview with its Hardware Interface”*** through ICT conducted by ERE Department at BGSB University Rajouri JK from 29-01-2018 to 02-02-2018.
- Mr. Khalil Ahmed participated in the ***Professional Development Training under Technical Education Quality Improvement Programme (TEQIP)*** organized by IIM Udaipur from February 12 to 17, 2018 at Udaipur.
- Mr. Khalil Ahmed attended ***Two Day Workshop on Outcome Based Education*** held at Baba Ghulam Shah Badshah University, Rajouri from 19-20 March 2018.
- Mr. Amit Dogra participated in the ***AICTE recognized one week STC on “Scilab Programming”*** through ICT conducted by CSE Department at BGSB University Rajouri JK from 21-25 August 2017.
- Mr. Amit Dogra participated in the ***one week workshop on “Deep Learning” conducted by CSE Department at AMU*** from 05-02-2018 to 09-02-2018.
- Mr. Amit Dogra participated in ***one month training program on HARDWARE and NETWORKING*** organized by Indian Army in collaboration with Jetkings and Vinowation academy from 13 Sept. to 13 Oct. 2017.
- Mr. Amit Dogra participated in the ***AICTE recognized one week STC on “Power Quality monitoring and Analysis through ICT*** conducted by ERE Department at BGSB University Rajouri JK from 30-10-2017 to 03-11-2017.

- Mr. Amit Dogra participated in the **AICTE recognized one week STC on "Matlab and Labview with its Hardware Interface"** through ICT conducted by ERE Department at BGSB University Rajouri JK from 29-01-2018 to 02-02-2018.
- Mr. Amit Dogra attended **Two Day Workshop on Outcome Based Education** held at Baba Ghulam Shah Badshah University, Rajouri from 19-20 March 2018.
- Mrs. Rukhsana Thaker participated in the **AICTE recognized one week STC on "Scilab Programming"** through ICT conducted by CSE Department at BGSB University Rajouri JK from 21-25 August 2017.
- Mrs. Rukhsana Thaker participated in the one week workshop on **"Application of statistical techniques using various software"** conducted by Department of mathematics , NIT Hamirpur (HP) from 20th – 26th November 2017.
- Mrs. Rukhsana Thaker participated in the **AICTE recognized one week STC on "Matlab and Lab view with its Hardware Interface"** through ICT conducted by ERE Department at BGSB University Rajouri JK from 29-01-2018 to 02-02-2018.
- Mrs. Rukhsana Thaker attended **Two Day Workshop on Outcome Based Education** held at Baba Ghulam Shah Badshah University, Rajouri from 19-20 March 2018.
- Ms. Yusera Farooq Khan participated in **National Conference on " Emerging Trends and Innovations in Electronics and Communication Engineering - ETIECE-2017"**, organized by department of ECE , BGSB university from 26 -27 Aug. 2017.
- Ms. Yusera Farooq Khan participated and coordinated in the **AICTE recognized one week STC on "Scilab Programming"** through ICT conducted by CSE Department at BGSB University Rajouri JK from 21-25 August 2017.
- Ms. Yusera Farooq Khan attended **Two Day Workshop on Outcome Based Education** held at Baba Ghulam Shah Badshah University, Rajouri from 19-20 March 2018.

- Ms. Yusera Farooq Khan participated in the Industrial Interaction on **“Electrical systems in Thermal Power Plant”** organized by Department of EREE, SOET at BGSB University Rajouri JK from 21-25 August 2017.
- Ms. Yusera Farooq Khan participated in the **AICTE recognized one week STC on “Matlab and Labview with its Hardware Interface”** through ICT conducted by ERE Department at BGSB University Rajouri JK from 29-01-2018 to 02-02-2018.
- Mr. Taseem Nazir participated in **National Conference on “Emerging Trends and Innovations in Electronics and Communication Engineering - ETIECE-2017”**, organized by department of ECE , BGSB university from 26 -27, Aug. 2017
- Mr. Taseem Nazir participated and Coordinated in the AICTE recognized **one week STC on “Scilab Programming”** through ICT conducted by CSE Department at BGSB University Rajouri JK from 21-25 August 2017.
- Mr. Mohd Saleem attended **Two Day Workshop on Outcome Based Education** held at Baba Ghulam Shah Badshah University, Rajouri from 19-20 March 2018.
- Mr. Mohd Saleem participated in the AICTE recognized one week STC on **“Scilab Programming”** through ICT conducted by CSE Department at BGSB University Rajouri JK on 11th May 2017.
- Mr. Mohd Saleem participated in the Industrial Interaction on **“Electrical systems in Thermal Power Plant”** organized by Department of EREE, SOET at BGSB University Rajouri JK from 21-25 August 2017.
- Mr. Mohd Saleem presented a paper Titled **“Indirect Mutual Trust for Third party proving Data stored in Distributed-Cloud storage”** in **IEE International Conference on computing communication and Automation** Organized by school of computing science and engineering Galgotias University during 5th-6th may 2017.
- Mr. Mohd Saleem participated in the **NPTEL workshop conducted on 12 Oct. 2017 by IIT Madras** at LPU, Punjab.

- Mr. Mohd Saleem participated in the **workshop on the role of Local chapters conducted on 23 Sep. 2017 by IIT Kanpur** at Bhargava college of engineering and technology samba, Jammu.
- Mr. Sparsh Sharma attended Faculty **Induction Program at IIT Kanpur** from 28th Jan – 2 Feb 2018.
- Mr. Sparsh Sharma attended **One Week Short Term Course on Recent Advances in Power & Energy Engineering** held at Baba Ghulam Shah Badshah University, Rajouri from 12-16 March 2018.
- Mr. Sparsh Sharma attended **Two Day Workshop on Outcome Based Education** held at Baba Ghulam Shah Badshah University, Rajouri from 19-20 March 2018.
- Mr. Rafeeq Ahmed attended **Faculty Induction Program at IIT Kanpur** from 28th Jan – 2 Feb 2018.
- Mr. Rafeeq Ahmed attended **One Week Short Term Course on Recent Advances in Power & Energy Engineering** held at Baba Ghulam Shah Badshah University, Rajouri from 12-16 March 2018.
- Mr. Rafeeq Ahmed attended **Two Day Workshop on Outcome Based Education** held at Baba Ghulam Shah Badshah University, Rajouri from 19-20 March 2018.
- Mr Rafeeq Ahmed presented a paper in **SIGMA-2018 held at NSIT, New Delhi** from 23rd Feb to 25th Feb, 2018.
- Mr. Aditya Gupta attended **Faculty Induction Program at IIT Kanpur** from 28th Jan – 2 Feb 2018.
- Mr. Aditya Gupta attended **Two Day Workshop on Outcome Based Education** held at Baba Ghulam Shah Badshah University, Rajouri from 19-20 March 2018.

- Mr. Prabal Verma attended **Faculty Induction Program at IIT Kanpur** from 28th Jan – 2 Feb 2018.
- Mr. Prabal Verma attended **Two Day Workshop on Outcome Based Education** held at Baba Ghulam Shah Badshah University, Rajouri from 19-20 March 2018.
- Mr. Mrityunjay Singh attended **one week workshop on “Machine learning and big data” held at AMU** from 4-10th March 2018.
- Mr. Mrityunjay Singh attended **Faculty Induction Program at IIT Kanpur** from 28th Jan – 2 Feb 2018.
- Mr. Mrityunjay Singh attended **Two Day Workshop on Outcome Based Education** held at Baba Ghulam Shah Badshah University, Rajouri from 19-20 March 2018.

RESEARCH PUBLICATIONS

- Khalil Ahmed, Amit Doegar, **“A Review on Human Identity and Gender Recognition from Gait Sequences”**, International Journal of Research in Electronics and Computer Engineering, Vol. 5, no. 4, pp. 85-91, October 2017.
- Taseem Nazir , Khalil Ahmed, Aaqib Hassan Bulla , Junaid Farooq War , Haider Mehraj, **“Distributed Big Table for Relational Database”**, International Journal of Advance Engineering and Research Development, Emerging Trends and Innovations in Electronics and Communication Engineering - ETIECE-2017, Volume 5, Special Issue 01, Jan.-2018 (UGC Approved, Impact Factor: 4.72)
- Mr Abdul quyoom, Mr. Mohd Saleem, Mr Mudassir Nazar, Ms Yusera Farooq Khan published a paper entitled **“VANETs Applications, challenges and possible attacks: A survey”** in IJARCE volume 6, issue 7, on July 2017.

- Mr Mudassir Nazar, Ms Yusera Farooq Khan, Mohd Saleem Presented a paper entitled **“A survey of collaborative filtering Based Recommender systems”** in SAJMS volume 4, Issue 5 on July 2017.
- Taseem Nazir , Khalil Ahmed, Aaqib Hassan Bulla , Junaid Farooq War , Haider Mehraj, **“Distributed Big Table for Relational Database”**, International Journal of Advance Engineering and Research Development, Emerging Trends and Innovations in Electronics and Communication Engineering - ETIECE-2017, Volume 5, Special Issue 01, Jan.-2018 (UGC Approved, Impact Factor: 4.72)
- Mr. Mohd Saleem, Mr. Nageeb Mubashir, Mr Abdul quyoom, Mr Mudassir Nazar presented a paper Titled **“Indirect Mutual Trust for Third party proving Data stored in Distributed-Cloud storage”** in IEE International Conference on computing communication and Automation Organised by school of computing science and engineering Galgotias University during 5th-6th may 2017.
- Mr. Mohd Saleem published a research paper entitled **“Load Balancing and Machine Imaging in cloud computing”** in IARJSET, volume 4, Issue 7, June 2017.
- Mr. Mohd Saleem published a research paper entitled **“Cloud Computing and its Technologies: A Survey”** in IJARCCCE, volume 6, Issue 6, July 2017.
- Mr. Mohd Saleem published a research paper entitled **“A brief survey on Big Data”** in IARJSET, volume 4, Issue 7, July 2017.
- Mr Abdul quyoom, Mr. Mohd Saleem, Mr Mudassir Nazar, Ms Yusera Farooq Khan published a paper entitled **“VANETs Applications, challenges and possible attacks: A survey”** in IJARCCCE volume 6, issue 7, on July 2017.
- Mr Mudassir Nazar , Ms Yusera Farooq Khan, Mohd Saleem Presented a paper entitled **“A survey of collaborative filtering Based Recommender systems”** in SAJMS volume 4, Issue 5 on July 2017

- Sparsh Sharma, Ajay Kaul, **“Hybrid fuzzy multi-criteria decision making based multi cluster head dolphin swarm optimized IDS for VANET”**, Vehicular Communications (Elsevier), vol. 12, no. 1, pp. 23-38, February 2018. (SCI Indexed, Impact Factor: 5.10)
- Sparsh Sharma, Ajay Kaul, **“A survey on Intrusion Detection Systems and Honey-pot based proactive security mechanisms in VANETs and VANET Cloud,”** Vehicular Communications (Elsevier), vol. 12, no. 1, pp. 138-164, April 2018. (SCI Indexed, Impact Factor: 5.10)
- Prabal Verma, Sandeep K Sood, **“Fog assisted IoT-enabled patient monitoring in smart homes”** IEEE Internet of Things, Accepted February 2018 (SCI Indexed, Impact Factor: 7.596)

EMINENT VISITORS

- **Waseem Jeelani Bakshi**, Assistant Professor, Department of CSE, University of Kashmir.
- **Dr. Jyoti Mahajan**, Associate Professor, GCET, Jammu

OTHER ACTIVITIES

- One week AICTE recognized STC on “Scilab Programming” through ICT from NITTTR, conducted by CSE Department, SoET at BGSB University Rajouri JK from 21-25 August 2017.
- Celebrated Annual Day on 15th December 2017 by performing various activities like Project Displays, Technical Poster Making, Computer Gaming, Short Movie Making etc.
- A group of students along with faculty member was sent to attend one week workshop on machine learning and big data held at AMU from 4-10th March 2018.
- A group of students along with faculty member participated in one month training program on HARDWARE and NETWORKING organized by Indian Army in

collaboration with Jetkings and Vinowation academy from 13 Sept. to 13 Oct. 2017.

AWARDS / APPRECIATION/ HONOURS TO FACULTY / STUDENTS IN ACADEMICS / RESEARCH

- Ms Yusera Farooq Khan get award of appreciation for being a member of organizing committee member in national conference on "Emerging Trends and Innovations in Electronics and Communication Engineering - ETIECE-2017", organized by department of ECE , BGSB university from 26 -27 Aug. 2017.
- Ms Yusera Farooq Khan get award of appreciation for representing BGSBU in 1st state sports tournament held in Jammu University in April 2017.
- Our two students namely Moazam Farhan Banday (03-CSE-2014) and Prince Zahid (10-CSE-2014) secure first and second position respectively in one month training program on HARDWARE and NETWORKING organized by Indian Army in collaboration with Jetkings and Vinowation academy from 13 Sept. to 13 Oct. 2017.
- Mr Rafeeq Ahmed awarded best paper presented in SIGMA-2018 held at NSIT, New Delhi from 23rd Feb to 25th Feb, 2018.

ELECTRONICS AND COMMUNICATION ENGINEERING

INTRODUCTION OF THE DEPARTMENT

The Department of Electronics and Communication Engineering was established in the year 2007 as one of the core departments of the School of engineering and technology. The department currently runs B .Tech programme in Electronics and Communication Engineering. The department is focused to impart practical learning among the students and to make them aware about the latest technological advances in the field of electronics and communication engineering. Electronics and Communication Engineering is concerned with the design, development and application of electronic devices, circuits and systems.

Electronics and Communication Engineering lays greater emphasis on deep understanding of fundamental principles and state of the art knowledge about Electronic Devices and Circuits, Microprocessors and Micro-controllers, Embedded systems, Electromagnetic Field Theory, Analog and Digital Communication, Digital Signal Processing, Microwave engineering etc.

Laboratories

Analog Communication Lab, Digital Communication Lab, Advanced Electronics Lab, Linear Integrated Circuits Lab, Microwave Engineering Lab, Optical Communication Lab, Microprocessor and Interfacing Lab, Advanced Microprocessor Lab, Microcontroller Lab, Digital signal Processing Lab, Signal and System Lab, Printed Circuit Board Lab, Digital Electronics Lab, Basic Electronics Lab, Nano Technology Lab and Biomedical Instrumentation Lab.

The department has a well-established Library.

FACULTY

S. no.	Name	Qualification	Designation	Specialization
1	Vishal Puri	M Tech, Ph.D Pursuing	A.P.	Antennas, Optimization
2	Mehmood-ul- -Hassan	BTech, MTech	A.P.	Microwave Engineering and Nanotechnology

		(Pursuing)		
3	Haider Mehraj	M.Tech, PhD (Pursuing)	A.P.	Image Processing and Biometrics.
4	Arashid Ahmad Bhat	M.Tech	A.P.	Optical Communication
5	Mohammad Abas Malik	M.Tech	A.P.	Wireless Communication
6	Junaid Farooq War	M.Tech	A.P.	Embedded Systems; Data communication; Digital Communication
7	Farkhanda Ana	M.Tech, Ph.D. (Pursuing)	A.P.	Solid-state Electronic Devices: Modeling and Simulation
8	Manik Groach	M-Tech	Lecturer	Electronics and Communication
9	Nisha Gupta	M Tech	Lecturer	Electronics and Communication
10	Shaveta Gupta	M Tech	Lecturer	Wireless Communication Network
11	Suhaib Ahmed Batt	M.Tech, PhD	AP (TEQIP)	VLSI, Bio-electronics
12	Tanmoya Nemai Ghosh	M.Tech	AP (TEQIP)	Applied Electronics and Instrumentation
13	Rahul Ratnakumar	M.E, PhD (Pursuing)	AP (TEQIP)	Microelectronics
14	Praveen Kumar	M.Tech	AP (TEQIP)	Electronics & Instrumentation Engineering

ENROLLMENT

Sem I	Sem II	Sem III	Sem IV	Sem V	Sem VI	Sem VII	Sem VIII	Total Students
46	47	58	59	50	49	40	40	196

CURRICULUM

Semester I

Communication Skills
Mathematics-I
Computer Fundamentals
Basic Electronics
Engineering Mechanics
Engineering Drawing
Labs
Computer Fundamentals
Basic Electronics
Engineering Mechanics
Workshop Practice

Semester II

Fundamentals of Mech. Engg.
Mathematics-II
C Programming
Basic Electrical Engineering
Engineering Physics
Engineering Chemistry & Env. Sc.
Labs
C Programming
Basic Electrical Engineering
Engineering Physics
Engineering Chemistry

Semester III

Mathematics-III
EM Wave Theory
Solid state electronic device
Signals & Systems
Digital Electronics
Advanced Electronic Circuit
Labs
MATLAB Programming
Digital Electronics
Advanced Electronic Circuit

Semester IV

Mathematics-IV
Network Analysis & Synthesis
Analog Communication System
Linear Integrated Circuits

Antenna & Wave Propagation
Elec. Measurements & Instrument.
Labs
EM&I/NWA&S
Analog Comm. Systems
Linear Integrated Circuits

Semester V

Electronic Multimedia Engg.
uProcessor & Interfacing
Pulse & Switching Circuits
Digital Com. Systems
Linear Control Systems
Electrical Machines
Labs
Digital Comm. Systems
uProcessor & Interfacing
Electrical Machines

Semester VI

Power Electronics
Mobile & Wireless Comm.
Digital Signal Processing
Data Comm. & Comp. NWs
Random Processes and Information Theory
Adv. uprocessor and uControllers
Labs
Power Electronics
Digital Signal Processing
Adv. uprocessor and Controllers

Semester VII

Microwave Engineering
Optical Communication
ED Management
Elective-I
Elective-II
Major Project Phase-1
Labs
Microwave/Optical Comm.
PCB and VLSI
Ind. Training

Semester VIII

Major Project Electives-III & IV
Analog Mixed Signal Design
Nano-Technology
Advanced 3G and 4G wireless Mobile communication
Optical Networks

RF IC Design
 Real Time Operating Systems (RTOS)
 Device Modelling for Circuit Simulations
 Satellite Communication
 Advanced Communication Systems
 Digital Image Processing
 Optoelectronic Devices
 PLCs and SCADA

INTAKE

Intake	Admitted Male	Admitted Female	Total
46	42	4	46

CONFERENCES / SEMINARS / WORKSHOPS ATTENDED / PAPER PRESENTED BY FACULTY MEMBERS

- Mr. Suhaib Ahmed Batt attended **Faculty Induction Program** at IIT Hyderabad from 30 Jan – 3 Feb 2018.
- Mr. Suhaib Ahmed Batt attended **One Week Short Term Course on Recent Advances in Power & Energy Engineering** held at Baba Ghulam Shah Badshah University, Rajouri from 12-16 March 2018.
- Mr. Suhaib Ahmed Batt attended **Two Day Workshop on Outcome Based Education** held at at Baba Ghulam Shah Badshah University, Rajouri from 19-20 March 2018.
- Ms. Tanmoya Nema Ghosh attended **Faculty Induction Program** at IIT Kanpur from 29 Jan – 2 Feb 2018.
- Ms. Tanmoya Nema Ghosh attended **Two Day Workshop on Outcome Based Education** held at at Baba Ghulam Shah Badshah University, Rajouri from 19-20 March 2018.
- Mr. Rahul Ratnakumar attended **Faculty Induction Program at IIT Hyderabad** from 30 Jan – 3 Feb 2018.

- Mr.Praveen Kumar attended a Workshop on Faculty Induction Program **“Knowledge Incubation for TEQIP”** from January 29 to February 02, 2018 held at IIT Kanpur.
- Mr.Praveen Kumar attended **Two days workshop on Outcome based Education** from March 19 to March 20, 2018 held at Baba Ghulam Shah Badshah University Rajouri.
- Mr. Manik Groach attended **One Week Short Term Course on Recent Advances in Power & Energy Engineering**, organized by Dept of Electrical & Renewable Energy Engineering, BGSBU, Rajouri
- Mr. Manik Groach attended **One Week Short term Course on Power Quality Monitoring and Analysis** from 30/10/2017 to 3/11/2017 organized by NITTTR Chandigarh.
- Mr. Manik Groach attended **Two Day Workshop on Outcome Based Education** held at at Baba Ghulam Shah Badshah University, Rajouri from 19-20 March 2018.
- Mr. Manik Groach presented paper in **Emerging Trends and Innovations in Electronics and Communication Engineering** conference held on 26th and 27th August 2017 at BGSB University, Rajouri, J&K
- Mr. Manik Groach was an **Organizing member in Emerging Trends and Innovations in Electronics and Communication Engineering** conference held on 26th and 27th August 2017 at BGSB University, Rajouri, J&K
- Ms. Nisha Gupta attended **Two Months Summer faculty Research Fellow Programme** - 2017 at IIT Delhi
- Ms. Nisha Gupta attended **Short Term Course on MATLAB & LABVIEW with its Hardware Interface through ICT**, conducted by NITTTR Chandigarh
- Ms. Nisha Gupta attended **Short Term Course on Power Quality Monitoring & Analysis through ICT**, conducted by NITTTR Chandigarh
- Ms. Nisha Gupta attended **Two Weeks Student and Faculty Refresher Course on Introduction to MATLAB and Research Enhancement Tool under TEQIP – III**, organized by SMVDU, Katra

- Ms. Nisha Gupta attended **One Week Short Term Course on Recent Advances in Power & Energy Engineering**, organized by Dept of Electrical & Renewable Energy Engineering, BGSBU, Rajouri
- Ms. Nisha Gupta presented paper in **Emerging Trends and Innovations in Electronics and Communication Engineering** conference held on 26th and 27th August 2017 at BGSB University, Rajouri, J&K
- Ms. Nisha Gupta was an **Organizing member in Emerging Trends and Innovations in Electronics and Communication Engineering** conference held on 26th and 27th August 2017 at BGSB University, Rajouri, J&K.
- Mr. Mehmood-ul-Hassan attended **Two Day Workshop on Outcome Based Education** at Baba Ghulam Shah Badshah University, Rajouri on 19-20 March 2018.
- Mr. Mehmood-ul-Hassan attended **One-Week Short Term Course on Advanced DSP using MATLAB** organized by Department of Electronics & Communication Engineering, NITTTR Chandigarh from 13-17 February 2018.
- Mr. Mehmood-ul-Hassan attended **Short Term Course on MATLAB and LABVIEW with its Hardware Interface through ICT** conducted by Electrical Engineering Department, BGSBU and NITTTR Chandigarh from 29 Jan – 20 Feb 2018.
- Mr. Mehmood-ul-Hassan attended **One Week Short Term Course on Power Electronics & Its Applications through ICT** conducted by Electrical Engineering Department, BGSBU and NITTTR Chandigarh from 27 Nov – 1 Dec 2017.
- Mr. Mehmood-ul-Hassan attended **National Conference on Emerging Trends and Innovations in Electronics and Communication Engineering** organized by Department of ECE, SoET, BGSBU on 26-27 August 2017 and presented a paper titled “Design of one bit CMOS Comparator.”
- Mr. Mehmood-ul-Hassan attended the **Industrial Interaction on Electrical Systems in Thermal Power Plant** organized by Department of EREE, SoET, BGSBU on 11 May 2017.
- Mr. Mohammad Abas Malik attended and presented paper in **National Conference on Emerging Trends and Innovations in Electronics and Communication Engineering** held on 26th and 27th August 2017 at BGSB University, Rajouri, J&K

- Mr. Mohammad Abas Malik attended STC on **“Digital Signal Processing and Applications”** at IISc Bangalore from 27th Feb to 3rd March 2017.
- Mr. Mohammad Abas Malik attended one-week Short Term Course on **“SCILAB Programming”** through ICT conducted by Computer Science & Engineering Department from 21-08-2017 to 25-08-2017
- Mr. Mohammad Abas Malik attended one-week Short Term Course on **“Power Quality Monitoring and Analysis”** through ICT conducted by Electrical Engineering Department from 30-10-2017 to 03-11-2017
- Mr. Mohammad Abas Malik attended one-week Short Term Course on **“MATLAB and LABVIEW with its Hardware Interface”** through ICT conducted by Electrical Engineering Department from 29-01-2018 to 02-02-2018
- Mr. Mohammad Abas Malik attended two days workshop on **“TECHNOPRENEURSHIP”** organized by University Polytechnic BGSB University Rajouri (J&K) in collaboration with ENOVATION LAB LLP (NITTR CHD START-UP) on November 7-8, 2017.
- Mr. Mohammad Abas Malik attended **GIAN Course on Network Information Theory** at IIT Kanpur from 15th to 24th March 2018.
- Mr. Mohammad Abas Malik participated in the **Professional Development Training under TEQIP-III** organized by IIM Udaipur from February 12 to 17, 2018 at Udaipur.
- Mr. Mohammad Abas Malik presented a paper **“Sidelobe Suppression using AIC technique in OFDM-based Cognitive Radios”** in National Conference on Emerging Trends and Innovations in Electronics and Communication Engineering held on 26th and 27th August 2017 at BGSB University, Rajouri, J&K
- Mr. Junaid Farooq War attended Short Term Course on **“Embedded World through ICT”** from 20-24 March, 2017 at NITTTR Chandigarh.
- Mr. Junaid Farooq War attended Workshop on **“Outcome based Education”** from 19-20 March 2018, at BGSB University
- Mr. Junaid Farooq War attended Short Term Course on **“Power Quality Monitoring and Analysis through ICT”** from 30 Oct 2017 - 03 Nov 2017, at BGSB University

- Mr. Junaid Farooq War attended Short Term Course on **“SCILAB programming through ICT”** from 21- 25 Aug 2017, at BGSB University
- Mr. Junaid Farooq War participated and presented a paper entitled **“FPGA Implementation of Zero forcing precoding for MIMO WiMAX Transceiver”** In Two Day National conference on Emerging Trends and Innovations in Electronics and Communication Engineering (ETIECE-2017).
- Mrs. Farkhanda Ana organized six-week online course on **Soft skills and Workplace Communication** conducted by IIT Bombay under IITBOMBAYX-LAKSHYA programme during 22 January 2018 to 10 March 2018.
- Mrs. Farkhanda Ana presented a paper titled **“Design and Performance Analysis of Organic Thin-Film Transistor’s”**, in National conference on Emerging Trends and Innovations in Electronics and Communication Engineering (ETIECE-2017), 26th-27th August, organized by Deptt. of ECE, BGSBU
- Mrs. Farkhanda Ana participated in an **One week online workshop on SciLab organized by Department of Computer Science Engg.**, BGSBU in collaboration with NITTTR, Chandigarh from 21st-25th August, 2017.
- Mrs. Farkhanda Ana attended **One week workshop on Power Quality Monitoring and Analysis through ICT** conducted by Deptt. of Electrical Engineering, SoET, BGSBU organized by NITTTR, Chandigarh from 30-10-2017 to 03-11-2017.
- Mr. Arashid Ahmed Bhat attended a Refresher Course at BANGLORE UNIVERSITY IN MARCH 2017
- Mr. Arashid Ahmed Bhat presented a Research paper Titled **“Review of Various Voltage Control Methods in AC INVERTERS”** in National conference titled ETIECE-2017 in Aug-2017
- Mr. Arashid Ahmed Bhat presented a Research paper titled **“Performance of WDM Networks ”** in National conference titled ETIECE-2017 in Aug-2017
- Mr. Arashid Ahmed Bhat attended one week Short Term Course organized by Dept. Of ERE BGSBU
- Mr. Arashid Ahmed Bhat attended a two day online workshop by NITTTR Chandigarh

- Mr. Haider Mehraj participated in ***International Conference on Multimedia, Signal Processing and Communication Technologies (IMPACT-2017)*** organized by ZHCET (Aligarh Muslim University), Aligarh held from 24-26 November 2017.
- Mr. Haider Mehraj participated in training workshop for faculty mentors on induction programme for new students, conducted by NPIU, MHRD New Delhi and organized by PEC University of Technology, Chandigarh from 22-24 September 2017.
- Mr. Haider Mehraj participated and presented a paper on ***“Multimodal Biometrics for enhancement of security systems”*** in the National Conference on Emerging Trends and Innovations in Electronics and Communication Engineering (ETIECE-2017)” organized by BGSB University, Rajouri held from 26 to 27 August 2017.
- Mr. Haider Mehraj participated and presented a paper on ***“A proxy based browsing for reducing energy and latency in cellular networks”*** in the National Conference on Emerging Trends and Innovations in Electronics and Communication Engineering (ETIECE-2017)” organized by BGSB University, Rajouri held from 26 to 27 August 2017.
- Mr. Haider Mehraj attended Ten days training program on ***Big Data analytics sponsored by DST*** and organized by Department of Information Technology, NIT Srinagar from 10th March to 20th March 2017.
- Mr. Haider Mehraj was Coordinator/ Convener of ***“National Conference on Emerging Trends and Innovations in Electronics and Communication Engineering (ETIECE-2017)”*** organized by BGSB University, Rajouri held from 26 to 27 August 2017.
- Mr. Haider Mehraj was the ***“Editor of Conference Proceedings of National Conference on Emerging Trends and Innovations in Electronics and Communication Engineering (ETIECE-2017)”*** organized by BGSB University, Rajouri held from 26 to 27 August 2017.
- Mr. Haider Mehraj was a Session Chair of ***“online technical session”*** in National Conference on Emerging Trends and Innovations in Electronics and Communication Engineering (ETIECE-2017)” organized by BGSB University, Rajouri held from 26 to 27 August 2017.

RESEARCH PUBLICATIONS

- Suhaib Ahmed, Vipin Kakkar, **“Modeling and Simulation of an Eight-bit Auto-Configurable Successive Approximation Register Analog-to-Digital Converter for Cardiac and Neural Implants,”** Simulation: Transactions of the Society for Modeling and Simulation International, vol. 94, no. 1, pp.11-29, Jan 2018. (SCI Indexed)
- Sakshi Koul, Suhaib Ahmed, Vipin Kakkar, **“Modelling of Silicon based Electrostatic based Energy Harvester for Cardiac Implants,”** International Journal of Nanoelectronics and Materials, vol. 11, no. 1, pp. 77-86, Jan 2018. (Scopus Indexed)
- Bisma Bilal, Suhaib Ahmed, Vipin Kakkar, **“Quantum Dot Cellular Automata: A New Paradigm for Digital Design,”** International Journal of Nanoelectronics and Materials, vol. 11, no. 1, pp. 87-98, Jan 2018. (Scopus Indexed)
- Bisma Bilal, Suhaib Ahmed, Vipin Kakkar, **“An Insight into Beyond CMOS Next Generation Computing using Quantum-dot Cellular Automata Nanotechnology,”** International Journal of Engineering and Manufacturing, vol. 8, no. 1, pp. 25-37, Jan 2018.
- P. Singh, S. K. Chaulya, VK Singh and Tanmoya Nemai Ghosh, **“Motion Detection and Tracking using Microwave Sensor for eliminating Illegal Mine Activities”**, 3rd International Conference on Microwave and Photonics (ICMAP 2018), Feb 9-11, 2018.
- Mohammad Abas Malik **“Sidelobe Suppression using AIC technique in OFDM-based Cognitive Radios”**, International Journal of Advance Engineering and Research Development.
- Junaid Farooq War, **“FPGA Implementation of Zero forcing precoding for MIMO WiMAX Transceiver”** in International Journal of Advance Engineering and Research Development (IJAERD), e-ISSN: 2348 - 4470, p-ISSN: 2348-6406, January-2018.
- Junaid Farooq War, **“DISTRIBUTED BIG TABLE FOR RELATIONAL DATABASE”** in International Journal of Advance Engineering and Research Development (IJAERD), e-ISSN: 2348 - 4470, p-ISSN: 2348-6406, January-2018.

- Junaid Farooq War, **“REVIEW OF METHODS FOR VOLTAGE CONTROL IN AC INVERTERS”** in International Journal of Advance Engineering and Research Development (IJAERD), e-ISSN: 2348 - 4470, p-ISSN: 2348-6406, January-2018.
- Junaid Farooq War, **“Human Gait Recognition A Review”** in International Journal of Advance Engineering and Research Development (IJAERD), e-ISSN: 2348 - 4470, p-ISSN: 2348-6406, January-2018.
- Farkhanda Ana, **“Face Based Gender Classification using COSFIRE Filter”**, paper published in International Journal of Advance Engineering and Research Development (IJAERD), Special Issue on the proceedings of National Conference ETIECE-2017, Jan. 2018.
- Farkhanda Ana, **“Human Gait Recognition: A review”**, paper published in International Journal of Advance Engineering and Research Development (IJAERD), Special Issue on the proceedings of National Conference ETIECE-2017, Jan. 2018.
- Farkhanda Ana, **“Design and performance investigation of short channel bottom-contact organic thin-film transistors”**, Journal of Computational Electronics, Vol. 17, Springer (2018), SCI indexed. <https://doi.org/10.1007/s10825-018-1170-4>
- Farkhanda Ana, **“Modeling of Gate Resistance and Its Importance in Switching circuits: A review”**, accepted for publication in IJERT, Scopus indexed.
- Arashid Ahmad, Haider mehraj, Aaqib Hassan bullah **“Performance analysis and enhancement of WDM optical networks”**, DOI:10.21090/IJAERD.ETIECE022.
- Arashid Ahmad Bhat, Junaid farooq war, Taseem nazir, **“Review of methods for voltage control in ac inverters”**, DOI:10.21090/IJAERD.ETIECE025.
- Haider Mehraj, MD Hesam, Taseem Nazir, Arashid Ahmed, Junaid War, Farkhanda Ana **“Human Gait Recognition, a Review”**, DOI:10.21090/IJAERD.ETIECE034.
- Junaid Farooq War, Haider Mehraj, Arashid Ahmad Bhat, Taseem Nazir, Aaqib Bullah

“FPGA implementation of zero-forcing pre-coding for MIMO WiMAX transceivers”, DOI: 10.21090 /IJAERD.ETIECE016.

- Rehana salam bhat, Afshan Hameed, Sabia gul, Arashid Ahmad Bhat, ***“Design and performance analysis of FSO (Free Space Optical) network”***, DOI:10.21090/IJAERD.ETIECE012.
- Ashiq Hussain Wagay, Abida Akhter, Sharika Ahad, Somia Raina , Shaista Nazir, Arashid Bhat, ***“Design and performance improvement of Optical Transreceiver System”***, DOI:10.21090/IJAERD.ETIECE013.
- Md Hesam Akhter and Haider Mehraj, ***“A Proxy-Based Browsing for Reducing Energy and Latency in Cellular Networks”***, International Journal of Advance Engineering and Research Development, Volume 5, Special Issue 01, Jan 2018.
- Mohamad Idris Wani, Bareen Farooqi, Nida Wani, Haider Mehraj and Farkhanda Ana, ***“Face Based Gender Classification Using COSFIRE Filter”***, International Journal of Advance Engineering and Research Development, Volume 5 Special Issue 01, Jan 2018.
- Junaid Farooq War, Haider Mehraj, Arshid Ahmad Bhat, Taseem Nazir, Aaqib Bulla, ***“FPGA Implementation of Zero-Forcing Pre-coding for MIMO WiMAX Transceivers”***, Volume 5 Special Issue 01, Jan 2018.
- Arashid Ahmad, Haider Mehraj, Aqib Bulla, ***“Performance Analysis and enhancement of WDM optical networks.”*** International Journal of Advance Engineering and Research Development, Volume 5 Special Issue 01, Jan 2018.
- Taseem Nazir, Khalil Ahmed, Aaqib Hassan Bulla, Junaid Farooq War, Haider Mehraj, ***“Distributed Big Table for Relational Database.”***, International Journal of Advance Engineering and Research Development, Volume 5 Special Issue 01, Jan 2018.
- Haider Mehraj, Md Hesam Akhter, Farkhanda Ana, Taseem Nazir, Arashid Ahmed, Junaid Farooq War, ***“Human Gait Recognition: A Review”***, International Journal of

Advance Engineering and Research Development, Volume 5 Special Issue 01, Jan 2018.

- Mir Yawar Hayat, Haider Mehraj, Mir Aadil, **“Integrating Silicon Photonics”**, International Journal of Advance Engineering and Research Development, Volume 5 Special Issue 01, Jan 2018.
- Mohamad Idris Wani, Bareen Farooqi, Nida Wani, Haider Mehraj, **“Speech Based Gender Classification”**, International Journal of Advance Engineering and Research Development, Volume 5 Special Issue 01, Jan 2018.

MEMBERSHIP OF BOARDS / COMMITTEES OUTSIDE UNIVERSITY

- Mr. Mohammad Abas Malik is member of IETE.
- Mrs.Farkhanda Ana is an Associate Member, The Institution of Electronics and Telecommunication Engineers, India.
- Mrs. Farkhanda Ana is an Associate Member, The Institution of Engineers, India.
- Mrs. Farkhanda Ana is a Life Member, Environmental club “HOPE”, Srinagar.
- Mr.Rahul Ratnakumar is a Member IEEE from Nov-2015 till date.

ELECTRICAL & RENEWABLE ENERGY ENGINEERING

INTRODUCTION OF THE DEPARTMENT

The Department of Electrical & Renewable Energy Engineering (EREE) is constituent Department of College of Engineering and Technology (COET). The COET was established in the year 2007, which has created the infrastructure to impart engineering education in a record time of six months. The Department of EREE has become one of the premier learning Department in the field of Electrical & Renewable Energy Engineering. EREE is currently engaging more than 200 future engineers from different regions of the India. Various Workshops, Seminars, Industrial Interactions, Short Term Courses, etc. are held in the Department throughout the year involving academic and industry experts. Various courses offered by the Department are:

- B.Tech. in Electrical & Renewable Energy Engineering
- B.E. (Evening) in Electrical Engineering
- Ph.D. in Electrical Engineering

FACULTY

Name	Qualification	Designation	Specialization
Mr. Tasaduq Hussain	M.Tech., P.hD. (Pursuing)	A.P.	Power electronics & Drives
Mr. Shafqat Nabi Mughal	M.Tech., P.hD. (Pursuing)	A.P.	Renewable Energy, Power System Deregulation, Artificial Neural Networks.
Mr. Ahmed Riyaz	M.Tech., P.hD. (Pursuing)	A.P.	Power electronics & Drives
Dr. Farhad Ilahi Bakhsh	M.Tech., P.hD.	A.P.	Power Electronics, drives and Power System. Renewable Energy Systems,
Mr. Vinod Puri	M.Tech., P.hD. (Pursuing)	A.P.	Power system and Electrical machine, Artificial Intelligence and optimization
Mr. Qamar UI Islam	M.Tech.	A.P.	Instrumentation & Control
Mr. Muzzafar Hussain	M.Tech.	A.P.	Power System
Ms. Ankita Runani	M.Tech.	A.P.	Power Engg.

Mr. Ch. Mohd Yassar Arfat	M.Tech.	A.P.	Power Electronics & Systems
Mr. Arvind Kumar Singh	M.Tech.	A.P.	Power Electronics
Mr. Ashish Kumar	M.Tech.	A.P.	Control & Protection of Electrical
Mr. Mukesh Kumar	M.Tech.	A.P.	Power System
Mr. Pankaj Kumar	M.Tech., P.hD. (Pursuing)	A.P.	Power System
Mr. Neetan Sharma	M.Tech.P.hD(Pu rsuing)	Lecturer	Electrical Energy

ENROLLMENT

Electrical & Renewable Energy Engineering

Sem I	Sem II	Sem III	Sem IV	Sem V	Sem VI	Sem VII	Sem VIII	Total
62		65		51		51		229

B.E. (Evening) in Electrical Engineering

Sem III	Sem IV	Sem V	Sem VI	Sem VII	Sem VIII	Total
06		09		Nil		15

M.Phil/ Ph. D

	M.Phil	Ph. D
Registered	Nil	02
Awarded	Nil	Nil

CURRICULAM

Semester I

Communication Skills / Fundamentals of Mech. Engg.
 Mathematics-I
 Computer Fundamentals
 Basic Electrical Engineering/ Basic Electronics
 Engineering Physics
 Engineering Chemistry

Labs
Computer Fundamentals
Basic Electrical Engineering/
Basic Electronics
Engineering Physics
Engineering Chemistry & Environmental Science

Semester II

Communication Skills/
Fundamentals of Mech. Engg.
Mathematics-II
C Programming
Basic Electrical Engineering/
Basic Electronics
Engineering Mechanics
Engineering Drawing

Labs
C Programming
Basic Electrical Engineering/
Basic Electronics
Engineering Mechanics
Workshop Practice

Semester III

Mathematics-III
E M Wave Theory
Electrical Machines-I
Signals & Systems
Digital Electronics
Applied Electronics

Labs
Electrical Machines-I
Digital Electronics
Applied Electronics

Semester-IV

Mathematics-IV
Network Analysis & Synthesis
Engineering Material Science
Power System-I
Electrical Machines-II
Electrical Measurements-I

Labs
Network Analysis & Synthesis

Electrical Machines-II
Electrical Measurements

Semester-V

Power System-II
Microprocessor & Interfacing
Control System-I
Communication Systems
Power Engineering
Design of Power Apparatus

Labs
Power System
Microprocessor & Interfacing
Control System-I

Semester-VI

Power Electronics
Electrical Measurement-II
Power System Protection
Energy Audit & Management
Renewable Energy Sources
Control System-II

Labs
Power Electronics
Power System Protection
Renewable Energy Sources

Semester-VII

Power System Stability
Electric Drives
ED Management
Major Project Phase –I

Elective-I & Elective II

Electric Substation Design
High Voltage Engineering
Virtual Instrumentation
Digital Signal Processing
Power System Transients
Display System Engineering
Embedded System
Artificial Intelligence
VLSI Design
Simulation and Modeling
Industrial Electronics

Disaster Management

Labs

MATLAB

Seminar

Industrial Training

Electives-III & IV

Principles of Marketing and Management

EHV AC & DC Transmission

Microcontroller & Interfacing

Process Control System

Restructuring of Power System

Biomedical Instrumentation

Electronic Workshop Technology

Energy Economics and Planning

Solar Passive Architecture

Wireless Network

Random Process and Information Theory

Neural Networks and Fuzzy Systems

INTAKE

B.Tech. in Electrical & Renewable Energy Engineering

Intake	Admitted Male	Admitted Female	Total
60	57	5	62

B.E. (Evening) in Electrical Engineering

Intake	Admitted Male	Admitted Female	Total
25	06	Nil	06

Ph.D. in Electrical Engineering

Intake	Admitted Male	Admitted Female	Total
04	02	Nil	02

CONFERENCES / SEMINARS / WORKSHOPS ATTENDED / PAPER PRESENTED BY FACULTY MEMBERS

- Mr. Shafqat Nabi Mughal attended National Conference on Recent Advances in Computer Science and IT (NCRACIT), April 24-25, 2018, BGSBU, Rajouri, India and presented ***“A review on Solar Photovoltaics and Future Trends”***.

- Mr. Shafqat Nabi Mughal attended National Conference on Emerging Trends and Innovations in Electronics and Communication Engineering (ETIECE2017), August 26-27, 2017 BGSBU, Rajouri, India and presented paper titled **“A Novel Approach for Harmonic Analysis using MATLAB”**.
- Mr. Shafqat Nabi Mughal attended one week Professional Development Training (TEQIP_III) at Indian Institute of Management Tiruchirappalli, February, 19-23, 2018.
- Mr Shafqat Nabi Mughal attended in one week AICTE recognized Short Term Course on **“MATLAB and LABVIEW with its Hardware Interface”** through ICT held from 29 Jan., 2018 to 02 Feb., 2018 at Power Electronics Lab, SOET, BGSBU.
- Mr. Shafqat Nabi Mughal attended and convened one week Short Term Course on **“Recent Advances in Power & Energy Engineering”** from 12-16 March 2018 at EREE, SOET, BGSBU.
- Mr.Shafqat Nabi Mughal attended two-day workshop on **“Outcome based Education (OBE)”** held at School of Engineering and Technology, Baba Ghulam Shah Badshah University, Rajoury J&K on March 19-20, 2018 under TEQIP-III.
- Mr. Shafqat Nabi Mughal attended a one week workshop on **Applications of Statistical Techniques using various softwares (WASTVS-2017)** organized by the department of Mathematics, NIT Hamirpur (H.P) held on 20-26 Nov, 2017.
- Mr. Shafqat Nabi Mughal attended a one week workshop on **Real Time Simulation in Electrical Domain using Typhoon HIL and MATLAB Simulators (RTSED-2017)** held on 03-08, Oct, 2017.
- Mr. Ahmed Riyaz attended International Conference on Signals, Machines and Automation (SIGMA'18), February 23-25, 2018, NSIT Delhi, India and presented Paper entitled **“Performance Evaluation of Fuzzy Controller for Boost Converter with Active PFC”**.
- Mr. Ahmed Riyaz attended one week Short Term Course on **“Recent Advances in Power & Energy Engineering”** from 12-16 March 2018 at EREE, SOET, BGSBU.

- Mr. Ahmed Riyaz attended two-day workshop on “**Outcome based Education (OBE)**” held at School of Engineering and Technology, Baba Ghulam Shah Badshah University, Rajoury J&K on March 19-20, 2018 under TEQIP-III.
- Dr. Farhad Ilahi Bakhsh attended International Conference on Signals, Machines and Automation (SIGMA’18), February 23-25, 2018, NSIT Delhi, India and presented Paper entitled “**A comparative Simulation Study of different Sensorless Permanent Magnet Synchronous Motor Drives**”.
- Dr. Farhad Ilahi Bakhsh attended International Conference on Signals, Machines and Automation (SIGMA’18), February 23-25, 2018, NSIT Delhi, India and presented Paper entitled “**Modeling and Analysis of the Photovoltaic Array feeding a Single Phase SPWM Inverter**”.
- Dr. Farhad Ilahi Bakhsh attended 6th World Conference on Applied Science, Engineering & Technology, Goa, India, January 2-3, 2018 and presented “**Overview of Hybrid Electric Vehicles**”.
- Dr. Farhad Ilahi Bakhsh attended 6th World Conference on Applied Science, Engineering & Technology, Goa, India, January 2-3, 2018 and presented “**Energy Management Strategies in Hybrid Electric Vehicles (HEVs)**”.
- Dr. Farhad Ilahi Bakhsh attended 6th World Conference on Applied Science, Engineering & Technology, Goa, India, January 2-3, 2018 and presented “**A comparative Study of Hybrid Electric Vehicles**”.
- Dr. Farhad Ilahi Bakhsh attended 6th World Conference on Applied Science, Engineering & Technology, Goa, India, January 2-3, 2018 and presented “**Hybrid Electric Vehicles: An Art of Review**”.
- Dr. Farhad Ilahi Bakhsh attended International Conference on Intelligent Sustainable Systems (ICISS 2017), SCAD Institute of Technology at Palladam, Tirupur, India, pp. 375 – 378, 7-8 Dec. 2017 and “**Position Control of Sensor-less vector control of a Permanent Magnet Synchronous Motor,**”

- Dr. Farhad Ilahi Bakhsh attended IEEE 2017 International Conference on Computing Methodologies and Communication (ICCMC), Erode, India, 18-19 July, 2017 and presented ***“Upgrading Cars Running on Indian Roads: Analyzing Its Impact on Environment Using ANN”***.
- Dr. Farhad Ilahi Bakhsh attended National Conference on Recent Advances in Computer Science and IT (NCRACIT), April 24-25, 2018, BGSBU, Rajouri, India and presented ***“MATLAB Simulink Modeling of Hybrid Electric Vehicles”***.
- Dr. Farhad Ilahi Bakhsh attended in one week AICTE recognized Short Term Course on ***“Silab Programming”*** through ICT from 21-08-2017 to 25-08-2017.
- Dr. Farhad Ilahi Bakhsh attended in one week AICTE recognized Short Term Course on ***“Power Electronics and its Applications”*** through ICT from 21-08-2017 to 25-08-2017.
- Dr. Farhad Ilahi Bakhsh attended in one week AICTE recognized Short Term Course on ***“MATLAB and LABVIEW with its Hardware Interface”*** through ICT held from 29 Jan., 2018 to 02 Feb., 2018 at Power Electronics Lab, SOET, BGSBU.
- Dr. Farhad Ilahi Bakhsh attended in one week AICTE recognized Short Term Course on ***“Power Quality monitoring and Analysis”*** through ICT held from 30 Oct., 2017 to 03 Nov., 2017 at Power Electronics Lab, SOET, BGSBU.
- Dr. Farhad Ilahi Bakhsh attended one week Short Term Course on ***“Recent Advances in Power & Energy Engineering”*** from 12-16 March 2018 at EREE, SOET, BGSBU.
- Dr. Farhad Ilahi Bakhsh participated in two day conference on ***“Electronics Makers”*** at Netaji Subhas Institute of technology New Delhi on 1-2 July 2017.
- Dr. Farhad Ilahi Bakhsh attended two-day workshop on ***“Outcome based Education (OBE)”*** held at School of Engineering and Technology, Baba Ghulam Shah Badshah University, Rajoury J&K on March 19-20, 2018 under TEQIP-III.

- Mr. Vinod Puri attended in one week AICTE recognized Short Term Course on “**Silab Programming**” through ICT from 21-08-2017 to 25-08-2017.
- Mr. Vinod Puri attended in one week AICTE recognized Short Term Course on “**Power Quality monitoring and Analysis**” through ICT held from 30 Oct., 2017 to 03 Nov., 2017 at Power Electronics Lab, SOET, BGSBU.
- Mr. Vinod Puri attended in one week AICTE recognized Short Term Course on “**MATLAB and LABVIEW with its Hardware Interface**” through ICT held from 29 Jan., 2018 to 02 Feb., 2018 at Power Electronics Lab, SOET, BGSBU.
- Mr. Vinod Puri attended Short term course on Application of Techniques/ tool in engineering organized by Gautam Buddha University.
- Mr. Vinod Puri attended one week Short Term Course on “**Recent Advances in Power & Energy Engineering**” from 12-16 March 2018 at EREE, SOET, BGSBU.
- Mr. Qamar UI Islam attended in one week AICTE recognized Short Term Course on “**Power Electronics and its Applications**” through ICT from 21-08-2017 to 25-08-2017.
- Mr. Qamar UI Islam attended in one week AICTE recognized Short Term Course on “**MATLAB and LABVIEW with its Hardware Interface**” through ICT held from 29 Jan., 2018 to 02 Feb., 2018 at Power Electronics Lab, SOET, BGSBU.
- Mr. Qamar UI Islam attended in one week AICTE recognized Short Term Course on “**Power Quality monitoring and Analysis**” through ICT held from 30 Oct., 2017 to 03 Nov., 2017 at Power Electronics Lab, SOET, BGSBU.
- Mr. Qamar UI Islam presented a research paper entitled “**Cell Phone Controlled Robotic Vehicle**” at International Conference on Innovative Research in Engineering, Science, Management and Humanities (ICIRESMH-2018) at the Institution of Engineers India, Visvesvaraya Bhavan, Hyderabad, Telangana, India on 18th March 2018.

- Mr. Qamar UI Islam attended one week Short Term Course on **“Recent Advances in Power & Energy Engineering”** from 12-16 March 2018 at EREE, SOET, BGSBU.
- Mr. Qamar UI Islam attended two-day workshop on **“Outcome based Education (OBE)”** held at School of Engineering and Technology, Baba Ghulam Shah Badshah University, Rajoury J&K on March 19-20, 2018 under TEQIP-III.
- Mr. Muzaffar Hussain attended in one week AICTE recognized Short Term Course on **“Silab Programming”** through ICT from 21-08-2017 to 25-08-2017.
- Mr. Muzaffar Hussain attended in one week AICTE recognized Short Term Course on **“MATLAB and LABVIEW with its Hardware Interface”** through ICT held from 29 Jan., 2018 to 02 Feb., 2018 at Power Electronics Lab, SOET, BGSBU.
- Mr. Muzaffar Hussain attended in one week AICTE recognized Short Term Course on **“Power Quality monitoring and Analysis”** through ICT held from 30 Oct., 2017 to 03 Nov., 2017 at Power Electronics Lab, SOET, BGSBU.
- Mr. Muzaffar Hussain attended one week Short Term Course on **“Recent Advances in Power & Energy Engineering”** from 12-16 March 2018 at EREE, SOET, BGSBU.
- Mr. Muzaffar Hussain presented paper on **Preparation & Characterization of alpha Fe₂O₃ Nanoparticles** in two days national science conference at Govt. degree college Thannamandi.
- Mr. Muzaffar Hussain presented paper on **Effect of annealing temperature on synthesis of iron oxide nanoparticles** in two days national science conference at Govt. degree college, Thannamandi.
- Ms. Ankita Runani attended a two week refresher course on **“Introduction to MATLAB and research enhancement tools”**, organized by SMVDU in collaboration with MHRD during 16-25 march 2018

- Ms. Ankita Runani attended Conference on ***Emerging Trends and Innovations On Electronics and Communication*** at Baba Ghulam Shah Badshah University , Rajouri on 26 and 27 August 2017
- Ms. Ankita Runani attended One week Short term course on ***“MATLAB and LABVIEW with its Hardware Interface through ICT”*** held from 29 jan 2018 to 20 feb 2018 at Power Electronics Lab , SOET, BGSBU.
- Ms. Ankita Runani attended One week Short term course on ***“Power Quality monitoring and Analysis through ICT”*** held from 30 oct 2017 to 3 Nov 2017 at Power Electronics Lab, Soet, BGSBU.
- Ms. Ankita Runani attended one week Short Term Course on ***“Recent Advances in Power & Energy Engineering”*** from 12-16 March 2018 at EREE, SOET, BGSBU.
- Mr. Ch Mohd Yassar Arfat participated in two day conference on ***“Electronics Makers”*** at Netaji Subhas Institute of technology New Delhi on 1-2 July 2017.
- Mr. Ch Mohd Yassar Arfat attended Conference on ***Emerging Trends and Innovations on Electronics and Communication*** at Baba Ghulam Shah Badshah University, Rajouri on 26 and 27 August 2017
- Mr. Ch Mohd Yassar Arfat participated in two days workshop on ***“TECHNOPRENEURSHIP”*** organized by university polytechnic BGSBU Rajouri from 7-8 Nov. 2017.
- Mr. Ch Mohd Yassar Arfat participated one week Short term course on ***Scilab programming*** organized by NITTR Chandigarh from 21.08.2017 to 25.08.2017.
- Mr. Ch Mohd Yassar Arfat participated one week short term course on ***“recent advance in power and energy engineering”*** at Baba Ghulam Shah Badshah University, Rajouri from 12th -16th march 2018

- Mr. Ch Mohd Yassar Arfat participated in One week Short term course on **“MATLAB and LAB VIEW with its Hardware Interface through ICT”** held from 29 Jan. 2018 to 02 Feb. 2018 at Power Electronics Lab, SOET, BGSBU.
- Mr. Ch Mohd Yassar Arfat participated in One week Short term course on **“Power Quality monitoring and Analysis through ICT”** held from 30 Oct 2017 to 3 Nov 2017 at Power Electronics Lab, Soet, BGSBU.
- Mr. Arvind Kumar Singh attended one week Faculty Induction Program held at IIT Kanpur, from May 29 to February 02, 2018.
- Mr. Arvind Kumar Singh attended two day workshop on **Outcome Based Education (OBE)** held at School of Engineering and Technology, Baba Ghulam Shah Badshah University, Rajouri, J&K on March 19-20, 2018 under TEQIP-III.
- Mr. Ashish Kumar Mishra attended one week Faculty Induction Program held at IIT Kanpur, from May 29 to February 02, 2018.
- Mr. Ashish Kumar Mishra attended two day workshop on **Outcome Based Education (OBE)** held at School of Engineering and Technology, Baba Ghulam Shah Badshah University, Rajouri, J&K on March 19-20, 2018 under TEQIP-III.
- Mr. Mukesh Kumar Singh attended one-week faculty induction program held at IIT Kanpur from January 29 to February 02, 2018.
- Mr. Mukesh Kumar Singh attended two-day workshop on **“Outcome based Education (OBE)”** held at School of Engineering and Technology, Baba Ghulam Shah Badshah University, Rajoury J&K on March 19-20, 2018 under TEQIP-III.
- Mr. Pankaj Kumar attended Faculty Induction Program at IIT Hyderabad under TEQIP-III.
- Mr. Pankaj Kumar attended two-day workshop on **“Outcome based Education (OBE)”** held at School of Engineering and Technology, Baba Ghulam Shah Badshah University, Rajoury J&K on March 19-20, 2018 under TEQIP-III.

- Mr. Neetan Sharma attended Conference on ***Emerging Trends and Innovations on Electronics and Communication*** at Baba Ghulam Shah Badshah University, Rajouri on 26 and 27 August 2017
- Mr. Neetan Sharma participated in One week Short term course on ***"MATLAB and LABVIEW with its Hardware Interface through ICT"*** held from 29 jan 2018 to 20 feb 2018 at Power Electronics Lab, SOET, BGSBU.
- Mr. Neetan Sharma participated in One week Short term course on ***"Power Quality monitoring and Analysis through ICT"*** held from 30 oct 2017 to 3 Nov 2017 at Power Electronics Lab, Soet, BGSBU.

RESEARCH PUBLICATIONS

- Mr. Shafqat Nabi Mughal, Yog Raj Sood, R.K.Jarial, ***"A review on Solar Photovoltaic technology and future trends"***, International Journal of Scientific Research in Computer Science Engineering and Information technology(IJSRCSEIT-2018), Vol 4, Issue1, ISSN: 2456-3307(UGC APPROVED).
- Mr. Shafqat Nabi Mughal,Rukhsana Thaker, ***"A Novel Approach for Harmonic Analysis using Matlab"*** published in the Proceedings of National Conference on Emerging Trends and Innovations in Electronics and Communication Engineering (ETIECE2017) held on 26-27, August, 2017 at Baba Ghulam Shah Badshah University Rajouri (J & K).
- Mohammed Asim, Ahmed Riyaz, Saurabh Tiwari and Archana Verma; ***"Performance Evaluation of Fuzzy Controller for Boost Converter with Active PFC"***, Journal of Intelligent and Fuzzy Systems, IOS Press; SIGMA-2018 Special Issue.
- M. Tabrez, Farhad Ilahi Bakhsh and Mahboob Hassan, ***"A comparative Simulation Study of different Sensorless Permanent Magnet Synchronous Motor Drives,"*** Journal of Intelligent and Fuzzy Systems, IOS Press, Netherlands, SIGMA-2018 Special Issue (Impact Factor: 1.261).

- Shirazul Islam, Farhad Ilahi Bakhsh and Qamar UI Islam, **“Modeling and Analysis of the Photovoltaic Array feeding a Single Phase SPWM Inverter,”** Advances in Intelligent Systems and Computing, Springer Book Series.
- Mohd Irfan Khan, and Farhad Ilahi Bakhsh, **“Overview of Hybrid Electric Vehicles,”** International Journal of Engineering Research in Electrical and Electronic Engineering (IJEREEE), Vol 4, Issue 1, January 2018.
- Faheem Bashir, and Farhad Ilahi Bakhsh, **“Energy Management Strategies in Hybrid Electric Vehicles (HEVs),”** International Journal of Engineering Research in Electrical and Electronic Engineering (IJEREEE), Vol 4, Issue 1, January 2018.
- Faizah Fayaz, and Farhad Ilahi Bakhsh, **“A comparative Study of Hybrid Electric Vehicles,”** International Journal of Engineering Research in Electrical and Electronic Engineering (IJEREEE), Vol 4, Issue 1, January 2018.
- Saima Yaqub, and Farhad Ilahi Bakhsh, **“Hybrid Electric Vehicles: An Art of Review,”** International Journal of Engineering Research in Electrical and Electronic Engineering (IJEREEE), Vol 4, Issue 1, January 2018.
- M. Tabrez, Farhad Ilahi Bakhsh and Sami. Al-Ghanimi, **“Position Control of Sensorless vector control of a Permanent Magnet Synchronous Motor,”** International Conference on Intelligent Sustainable Systems (ICISS 2017), SCAD Institute of Technology at Palladam, Tirupur, India, pp. 375 – 378, 7-8 Dec. 2017.
- Md. Tabrez, Nidal Rafiuddin, Md. Asif Hasan and Farhad Ilahi Bakhsh, **“Upgrading Cars Running on Indian Roads: Analyzing Its Impact on Environment Using ANN,”** IEEE 2017 International Conference on Computing Methodologies and Communication (ICCMC), Erode, India, pp. 1156-1160, 18-19 July, 2017.
- Faizah Fayaz , Saima Yaqub, Mohd Irfan khan, Faheem Bashir and Farhad Ilahi Bakhsh, **“MATLAB Simulink Modeling of Hybrid Electric Vehicles”**, National Conference on Recent Advances in Computer Science and IT (NCRACIT), April 24-25, 2018, BGSBU, Rajouri, India.

- Neetan Sharma, Farhad Ilahi Bakhsh, Shivinder Mehta, **"Green Independence"** International Journal of Scientific Research in Computer Science, Engineering and Information Technology Volume 4, Issue 1, April 2018.
- Vinod Puri, Yogesh K. Chauhan, and Nidhi Singh. **"A comparative design study and analysis of inner and outer rotor permanent magnet synchronous machine for power generation in vertical axis wind turbine using GSA and GSA-PSO."** Sustainable Energy Technologies and Assessments 23 (2017): 136-148.
- Vinod Puri, Yogesh K. Chauhan, and Nidhi Singh. **"Optimization of design with estimation of performance parameters of inner rotor permanent magnet synchronous machine used in VAWT using GSA and GSA-PSO."** International Journal of Energy and Statistics 5, no. 02 (2017): 1750007.
- Qamar-UI-Islam, Shubam Sagoch, Dikshit Langer, Faiza Tabassum, Ishrat Nabi. **"Cell Phone Controlled Robotic Vehicle."** IJEECS. Volume 7, Issue 3, March 2018, (ISSN 2348-117X).
- Pankaj Kumar, N. Gupta, K. R. Niazi and A. Swarnkar, **"Branch current decomposition method for loss allocation in contemporary distribution systems,"** International Journal of Electrical Power & Energy systems, Elsevier, 2018, vol. 99, pp. 134-145. (ISSN-0142-0615)
- Pankaj Kumar, N. Gupta, K. R. Niazi and A. Swarnkar, **"Exact Cross-Term Decomposition Method for Loss Allocation in Contemporary Distribution Systems,"** Arabian Journal for Science and Engineering, Springer, 2018. (ISSN-2193-567X)
- Pankaj Kumar, N. Gupta, K. R. Niazi and A. Swarnkar, **"Cross-term decomposition method for loss allocation in distribution systems considering load power factor,"** Electric Power Components & Systems Journal, Taylor & Francis, 2018, vol. 46, (2), pp. 218-229. (ISSN- 1532-5008)
- Pankaj Kumar, N. Gupta, K. R. Niazi and A. Swarnkar, **"A Circuit Theory-based Loss Allocation Method for Active Distribution Systems,"** in IEEE Transactions on Smart Grid, 2017, vol. PP, no. 99, pp. 1-1. (ISSN- 1949-3053)

- Pankaj Kumar, N. Gupta, K. R. Niazi and A. Swarnkar, "**Current decomposition method for loss allocation in distribution systems**," IET Generation, Transmission & Distribution, 2017, 11, (18), pp. 4599-4607. (ISSN- 1751-8695)
- Neetan Sharma, Farhad Ilahi Bakhsh, Shivinder Mehta, "**Green Independence**" International Journal of Scientific Research in Computer Science, Engineering and Information Technology Volume 4, Issue 1, April 2018.

EMINENT VISITORS

- **Prof. Mirza Mohd. Sufyan Beg**, Principal, ZHCET, AMU were invited as chief guest of STC on "Recent Advances in Power & Energy Engineering". He also delivered a talk on Outcome Based Education on 12 march 2018 at MCA conference hall, BGSBU.
- **Prof. Imtiyaz Ashraf**, Chairman, Dept. of Electrical Engineering, AMU delivered lecture on "Energy conservation and management" on 13 March 2018.
- **Dr. Adil Sarwar**, Assistant Professor, AMU, delivered a lecture on "Solar Photovoltaic Challenges and Research" on 14 March 2018 at BGSBU, Rajouri.
- **Mr. Mohammad Tariq**, Assistant Professor, AMU, Former Scientist Rolls Royce delivered a lecture on " Application of Power Electronics in Air" on 13 March 2018 at BGSBU, Rajouri.
- **Mr. Mohammad Ayoub**, Associate Professor from AMU delivered a guest lecture on "Introduction to Fuzzy logic" on 14 & 15 March 2018 at BGSBU Rajouri.
- **Dr. Nishat Anwar** from NIT Patna delivered a guest lecture on "PID Controller design for LTI Industrial system" on 15 March 2018 at BGSBU, Rajouri.

- **Dr. Mohammad Asim** from Integral University delivered a lecture on “Design and comparative study of Maximum power point tracking PV Systems operating under changing Atmospheric conditions” on 16 March 2018 at BGSBU, Rajouri.
- **Prof. Salman Hameed**, Department of Electrical Engineering, AMU was cordially invited to conduct External Practical examination of B. Tech. Students on 26 & 27 April 2018 at SOET, BGSBU, Rajouri.
- **Prof. M. Shah Alam**, Dept. of Electronics Engg., AMU was cordially invited to conduct External Practical examination of B. Tech. Students on 26 & 27 April 2018 at SOET, BGSBU, Rajouri.

OTHER ACTIVITIES

- One week Short Term Course on “Power Quality monitoring and Analysis” through ICT held from 30 Oct., 2017 to 03 Nov., 2017 at Power Electronics Lab, SOET, BGSBU.
- One week Short Term Course on “Power Electronics and its Applications” through ICT from 27-11-2017 to 01-12-2017 at Power Electronics Lab, SOET, BGSBU.
- Annual Day Celebration held at Department of EREE in December 2017 which included technical as well as cultural events and various games.
- One week Short Term Course on “MATLAB and LABVIEW with its Hardware Interface” through ICT held from 29 Jan., 2018 to 02 Feb., 2018 at Power Electronics Lab, SOET, BGSBU.
- One week short term course on “Recent Advances in Power & Energy Engineering” from 12-16 March 2018 at EREE, SOET, BGSBU.
- Inter Departmental Sports Tournament held in November 2017 at Rajouri.

- 2nd State level Inter University Sports Championship from 22-28 March, 2018 held at Jammu University.
- Organized Industrial Training for one week at Baghilar for 5th sem ERE, SoET, BGSBU students batch 2015 on dated 23-26 sept. 2017.

AWARDS / APPRECIATION / HONOURS TO FACULTY / STUDENTS IN ACADEMICS / RESEARCH ETC.

- Mr. Shafqat Nabi Mughal has been awarded certificate of appreciation for his outstanding performance and lasting contribution as Convener during Annual Day Celebration, 2017.
- Mr. Ahmed Riyaz awarded with best presentation award in International Conference on Signals, Machines and Automation (SIGMA'18), February 23-25, 2018, NSIT Delhi, India.
- Dr. Farhad Ilahi Bakhsh awarded with best presentation award in International Conference on Signals, Machines and Automation (SIGMA'18), February 23-25, 2018, NSIT Delhi, India.
- Dr. Farhad Ilahi Bakhsh has been awarded certificate of appreciation for his outstanding performance and lasting contribution as Coordinator in Project Model Exhibition event during Annual Day Celebration, 2017.
- Dr. Farhad Ilahi Bakhsh has been awarded certificate of appreciation for organizing Two Day Workshop on "Outcome Based Education (OBE)" at SOET, BGSBU, Rajouri, J & K on March 19-20, 2018 under TEQIP-III.
- Dr. Farhad Ilahi Bakhsh has been awarded certificate of achievement as Eminent Speaker for his expert lecture at IIMT Group of Colleges on Feb. 03, 2018.
- Dr. Farhad Ilahi Bakhsh has been awarded certificate of appreciation for his outstanding in organizing 3rd Inter-State (North Zone) Declamation Contest, 2017.

- Dr. Farhad Ilahi Bakhsh has been awarded certificate of appreciation for Session Chair at the WCASET-18 held at Goa, India.
- Mr. Qamar Ul Islam served as Faculty Coordinator for the Department of Electrical & Renewable Energy Engineering in Spoken Tutorial IIT Bombay under Ministry of Higher Education, India.
- Mr. Qamar Ul Islam has been awarded certificate of appreciation for his outstanding performance and lasting contribution as Coordinator during Annual Day Celebration, 2017.
- Mr. Muzaffar Hussain has been awarded certificate of appreciation for his outstanding performance and lasting contribution as Coordinator in poster making event during Annual Day Celebration, 2017.
- Fayaza Fayaz (33-ERE-2014), Saima Yaqub (06-ERE-2014) and Mohd Mujtaba Khan (28-ERE-2014) have achieved first prize in Project Model Exhibition during Annual Day Celebration, 2017.
- Faiza Tabassum (38-ERE-2014), Shubam Sagoch (38-ERE-2014), Dikshit Langer (20-ERE-2014) and Ishrat Nabi (47-ERE-2014) have achieved second prize in Project Model Exhibition during Annual Day Celebration, 2017.
- Mohammad Nayeem Khan (03-ERE-2015) have been awarded first prize in Quiz Competition on “Electrical Engineering” during Annual Day Celebration, 2017.
- Tanveer Ahmed (40-ERE-2014) have been awarded second prize in Quiz Competition on “Electrical Engineering” during Annual Day Celebration, 2017.
- Sameer Abbas (10-ERE-2015) have achieved first prize in Quiz Competition on “Electrical Engineering” during Annual Day Celebration, 2017.
- Saima Jeelani Khan (21-ERE-2015) have achieved first prize in Essay Competition on “Science and Innovation” during Annual Day Celebration, 2017.

- Mohd. Irfan Khan (24-ERE-2015) have achieved second prize in Essay Competition on “Science and Innovation” during Annual Day Celebration, 2017.
- Istahar Farooq Lone (36-ERE-2015) have achieved third prize in Essay Competition on “Science and Innovation” during Annual Day Celebration, 2017.
- Raghav Mahajan (04-ERE-2017) have achieved first prize in Poster Making on “Recent Trends in Electrical Engineering” during Annual Day Celebration, 2017.
- Saima Jeelani Khan (21-ERE-2015), Sehrish Manzoor (51-ERE-2015), Naila Shah (19-ERE-2015) and Sumaiya Nabi (16-ERE-2015) have achieved second prize in Poster Making on “Recent Trends in Electrical Engineering” during Annual Day Celebration, 2017..
- Bashi Bashir (22-ERE-2017) have achieved third prize in Poster Making on “Recent Trends in Electrical Engineering” during Annual Day Celebration, 2017.
- Mohammad. Asim (02-BE-EE/L-2016) have been awarded a certificate of appreciation in Project Model Exhibition during Annual Day Celebration, 2017.
- Faizah Tabassum (38-ERE-2014) have been awarded a certificate of appreciation in Project Model Exhibition during Annual Day Celebration, 2017.

LECTURES / TALKS / PRESENTATIONS DELIVERED BY FACULTY MEMBERS OUTSIDE UNIVERSITY.

- Mr. Ahmed Riyaz delivered Expert Lectures in STC at NIT Patna on the topic “Computer Aided Machine Design” on 25 & 26 April 2018.
- Dr. Farhad Ilahi Bakhsh delivered Keynote speak in “6th World Conference on Applied Science Engineering and Technology (WCASET - 18)” held at Goa, India on 2-3 January, 2018.

- Dr. Farhad Ilahi Bakhsh delivered Keynote speak in “National Conference on Future Innovations & Research in Science & Technology,” held at IIMT Engineering College, Meerut, India, 22-23 April, 2017 sponsored by IEEE U.P. Section.
- Dr. Farhad Ilahi Bakhsh delivered an expert lecture at IIMT Group of Colleges on Feb. 03, 2018.

MEMBERSHIP OF BOARDS/ COMMITTEES OUTSIDE UNIVERSITY

- Mr. Shafqat Nabi Mughal is Member of Institute of Doctors Engineers and Scientists (IDES Membership No. 5015)
- Mr. Shafqat Nabi Mughal is Member of International Association of Computer Science and Information Technology (IACSIT Membership No.80342328)
- Mr. Shafqat Nabi Mughal is Member of Editorial Board / Regional Editor of AES Journals.
- Mr. Shafqat Nabi Mughal is Member of International Association of Engineers (IAENG Membership No. 169604)
- Dr. Farhad Ilahi Bakhsh is member of IEEE since 2010 (91272267).

MEMBERS OF BOARD OF RESEARCH STUDIES

Dr. Farhad Ilahi Bakhsh is member of the Departmental Research Committee (DRC).

INFORMATION TECHNOLOGY AND ENGINEERING

INTRODUCTION OF THE DEPARTMENT

The Department of Information Technology and Engineering (ITE) was established in 2007 and is one of the pioneer Departments of School of Engineering. Presently the Department offers a B.Tech programme of four years duration. Keeping in view the global scenario of Information and technology, the syllabus is timely updated with reference to the current state of art.

The students are acquainted broadly with the knowledge based on the field of Information Technology including its evolution, current trends and future directions. We believe that there is no saturation of bright and brilliant students in the future and we strive to inculcate the requisite skills in the students and provide the overall knowledge to them, so that the students come up with balanced personality.

FACULTY

Name	Qualification	Designation	Specialization
Malik Mubasher Hassan	M.Tech, PhD(Pursuing)	Sr. Assistant Professor	Optical Communication, Wireless Communication and Computer Networks
Nikhil Gupta	M.Tech	Sr. Assistant Professor	Computer Science
Rakesh Singh Sambyal	M.Tech	Sr. Assistant Professor	Database Management, OOPs and Computer Networks
Manmeet Singh	M.E, PhD(Pursuing)	Sr. Assistant Professor	Network Security and Web Programming
Vishal Sharma	MBA, M.Tech	Lecturer	Computer Networks , Management
Rashed Qayoom Shawl	M.Tech	Lecturer	Computer Networks

Faisal Rasheed Lone	M.Tech	A.P.	Information coding Theory & Internet of Things (IoT)
Sajjad Ahmed	M.Tech, PhD(Pursuing)	A.P.	Computer Security
Dewan Imdadul Islam	M.Tech	A.P.	Image Processing and machine learning
Susobhan Das	M.Tech	A.P.	Information Technology
Sunil Dalal	M.Tech	A.P.	Algorithm Analysis and Theory of computation
Pankaj Choudhary	M.Tech, PhD(Pursuing)	A.P.	Cyber/Information Security and Digital Forensics

ENROLLMENT

Sem II	Sem IV	Sem VI	Sem VIII	Total
13	27	29	31	100

CURRICULAM

Semester I

Communication Skills
 Mathematics-I
 Computer Fundamentals
 Basic Electronics
 Engineering Mechanics
 Engineering Drawing
 Computer Fundamentals Lab
 Basic Electronics Lab
 Engineering Mechanics Lab
 Workshop Practice

Semester II

Fundamentals of Mechanical Engineering
 Mathematics-II

C Programming
 Basic Electrical
 Engineering Physics
 Engineering Chemistry and Environmental Sciences
 C Programming
 Basic Electrical
 Engineering Physics
 Engineering Chemistry and Environmental Sciences

Semester III

Mathematics-III
 Data Structures using C
 OOPs
 Signals and Systems
 Digital Electronics
 Operating Systems
 Data Structures using C Lab
 OOPs Lab
 Digital Electronics Lab

Semester IV

Mathematics – IV
 Microprocessor and Interfacing
 Analog Communication
 Database Management Systems
 DAA
 Principles of Marketing and Mgmt
 Microprocessor and Interfacing Lab
 Analog Communication Lab
 DBMS Lab

Semester V

Theory of Automata
 Visual Programming
 Software Engineering
 Digital Communication System
 Computer Graphics and Multimedia
 Computer Organization and Architecture
 Visual Programming
 Digital Communication System
 Computer Graphics and Multimedia

Semester VI

Cryptography and Network Security
 Mobile and Wireless Communication

Java Programming
 Data Communication and Computer Networks
 Management Information System
 Internet and Web Technology
 Java Programming
 Internet and Web Technology
 Mini Project

Semester VII

UNIX/LINUX and Shell Programming
 Entrepreneurship Dev and Mgmt
 Computer Based Numerical techniques using C
 Major Project-I
 Data Mining and Warehousing
 .Net Technologies
 UNIX/LINUX and Shell Programming Lab
 Computer Based Numerical techniques using C
 Industrial Training

Semester VIII

Major Project Phase II
 Cloud computing
 Wireless networks

INTAKE

Intake	Admitted Male	Admitted Female	Total
240	78	22	100

CONFERENCES / SEMINARS / WORKSHOPS ATTENDED / PAPER PRESENTED BY FACULTY MEMBERS

- Mr. M Mubasher Hassan and G M Rather attended National Conference on Innovative trends in computer Science Research (ITCSR) organized by Dept. of Computer Science, BGSBU Rajouri on February 25-26, 2017 and presented paper entitled **“Hybrid FSO/RF Communication System for the Next Generation Networks”**.
- Mr. M Mubasher Hassan and G M Rather attended National Conference on National Conference on Emerging Trends and Innovations in Electronics and Communication Engineering (ETIECE2017) held at Department of ECE, BGSBU Rajouri, August 26-

27, 2017 and presented paper entitled **“Performance Improvement of FSOC using relay assistance”**.

- Mr. M Mubasher Hassan attended Workshop on **“Outcome-based Education (OBE)”** held at School of Engineering and Technology, BGSBU from March 19-20, 2018.
- Mr. M Mubasher Hassan attended Short Term Course on **“SciLab Programming through ICT”** held at Computer Science and Engineering Department, BGSBU from August 21-25, 2017.
- Mr. M Mubasher Hassan attended a one-month training programme on **“Computer Hardware and Networking”** held at SOET, BGSB University, Rajouri from September 13-October 13, 2017.
- Mr. M Mubasher Hassan attended Short Term Course on **“Power Electronics and its Applications through ICT”** held at Electrical Engineering Department, BGSBU from November 27-December 01, 2017.
- Mr. M Mubasher Hassan attended **Professional Development Training (PDT)** held at IIM Raipur from January 29-February 02, 2018 under TEQIP-III programme.
- Mr. Rakesh Singh Sambyal attended Workshop on **Outcome-based Education(OBE)** held at School of Engineering and Technology, BGSBU from March 19-20, 2018
- Mr. Rakesh Singh Sambyal attended Short Term Course on **“Power quality monitoring and analysis through ICT”** held at Electrical Engineering Department, BGSBU from October 30- November 3,2017
- Mr. Rakesh Singh Sambyal attended Short Term course on **“NS2/3 Network Simulators”** held at NITTTR, Chandigarh from March 12-16, 2018.
- Mr. Manmeet Singh attended Workshop on **“Outcome-based Education (OBE)”** held at School of Engineering and Technology, BGSBU from March 19-20, 2018
- Mr. Manmeet Singh attended Short Term Course on **“Power quality monitoring and analysis through ICT”** held at Electrical Engineering Department, BGSBU from October 30-November 3, 2017.

- Mr. Manmeet Singh attended Intel Sponsored Faculty Development Plan on **“Machine Learning using Python”** held at NITTTR, Chandigarh from July 24-28, 2017.
- Mr. Manmeet Singh attended Short Term Course on **“SciLab Programming through ICT”** held at Computer Science and Engineering Department, BGSBU from August 21-25, 2017.
- Mr. Vishal Sharma attended Short Term Course on **“SciLab Programming through ICT”** held at Computer Science and Engineering Department, BGSBU from August 21-25, 2017.
- Mr. Vishal Sharma attended one month Training programme on **“Computer Hardware and Networking”** held at department of ITE, SOET, BGSB University from September 13- October 13 October, 2017.
- Mr. Vishal Sharma attended 5-day Short Term Course on **“MATLAB & LABVIEW with its hardware interface through ICT”** held at Electrical Engineering Department, BGSB University from January 29- February 2, 2018.
- Mr. Vishal Sharma attended Workshop on **“Outcome-based Education (OBE)”** held at School of Engineering and Technology, BGSBU from March 19-20, 2018.
- Mr. Rashed Qayoom attended Short Term Course on **“SciLab Programming through ICT”** held at Computer Science and Engineering Department, BGSB University from August 21-25, 2017.
- Mr. Rashed Qayoom Shawl attended one month Training programme on **“Computer Hardware and Networking”** held at department of ITE, Soet, BGSB University from September 13- October 13, 2017.
- Mr. Rashed Qayoom Shawl attended 5-day Short Term Course on **“MATLAB & LABVIEW with its hardware interface through ICT”** held at Electrical Engineering Department, BGSB University from January 29- February 2, 2018.
- Mr. Rashed Qayoom Shawl attended Workshop on **“Outcome-based Education (OBE)”** held at School of Engineering and Technology, BGSBU from March 19-20, 2018.

- Mr. Faisal Rasheed Lone participated in **“Faculty Induction Program”** held at IIT Kanpur from February 29-02, 2018.
- Mr. Faisal Rasheed Lone attended Workshop on **“Outcome-based Education (OBE)”** held at School of Engineering and Technology, BGSBU from March 19-20, 2018.
- Mr. Faisal Rasheed Lone attended International conference on Machine Learning and Computational Intelligence organized by Dept. of Computer Science, SMVDU on September 29th, 2017 and presented paper entitled **“Machine Learning: Significance and Suggestions for Smart City Projects in India”**.
- Mr. Sajjad Ahmed participated in **“Faculty Induction Program”** held at IIT Kanpur from February 29-02, 2018.
- Mr. Sajjad Ahmed attended Workshop on **“Outcome-based Education (OBE)”** held at School of Engineering and Technology, BGSBU from March 19-20, 2018.
- Mr. Dewan Imdadul Islam participated in **“Faculty Induction Program”** held at IIT Kanpur from February 29-02, 2018.
- Mr. Dewan Imdadul Islam attended Workshop on **“Outcome-based Education (OBE)”** held at School of Engineering and Technology, BGSBU from March 19-20, 2018.
- Mr. Susobhan Das participated in **“Faculty Induction Program”** held at IIT Kanpur from February 29-02, 2018.
- Mr. Susobhan Das attended Workshop on **“Outcome-based Education (OBE)”** held at School of Engineering and Technology, BGSBU from March 19-20, 2018.
- Mr. Sunil Dalal participated in **“Faculty Induction Program”** held at IIT Kanpur from January 30, 2017-February 03, 2018.
- Mr. Sunil Dalal attended Workshop on **“Outcome-based Education (OBE)”** held at School of Engineering and Technology, BGSBU from March 19-20, 2018.
- Mr. Sunil Dalal attended a workshop on **“Cyber Security Analyst”** held at NASSCOM from December 04-08, 2017.

- Mr. Sunil Dalal attended Workshop on **“Outcome-based Education (OBE)”** held at Galgotias University from 13-16 Dec, 2017.
- Mr. Pankaj Choudhary participated in **“Faculty Induction Program”** held at IIT Kanpur from February 29-02, 2018.
- Mr. Pankaj Choudhary attended Workshop on **“Outcome-based Education (OBE)”** held at School of Engineering and Technology, BGSBU from March 19-20, 2018.

RESEARCH PUBLICATIONS

- M Mubasher Hassan and G M Rather: **“Scope of Potential in FSO Technology as Compared to RF Technology in the Next Generation Networks”**. Journal of Network Communications and Emerging Technologies (JNCET) www.jncet.org Volume 7, Issue 9, September (2017), ISSN: 2395-5317©EverScience Publications.
- M Mubasher Hassan Mirza Waseem Hussain: **“Header Based Spam Filtering Using Machine Learning Approach”** International Journal of Emerging Technologies in Engineering Research (IJETER), Volume-5, Issue-10, October (2017),ISSN: 2454-6410©EverScience Publications Published.
- Dr. Mirza Waseem Hussain, M. Mubasher Hassan: **“Computer Network Routing using Swarm Intelligence”** International Journal of Engineering Research in Computer Science and Engineering (IJERCSE) Vol 5, Issue 3, March 2018, ISSN (Online) 2394-2320.
- Nikhil Gupta and Dr Rakesh Kumar **“An Offline Handwritten Signature Verification Using Low Level Stroke with Feature Extraction and Hybrid Classifiers”**, International Journal of Scientific search in Computer science and IT,Vol 2,Issue 6 (ISSN- 456-3307).
- Faisal Rasheed Lone, Zubair Jan **“Security Issues & their prevention in Cognitive Radio Networks: A Survey”**, Communications in Computer and Information Science (CCIS) Springer, June 2017
- Idris Afzal Shah, Faisal Rasheed Lone, Syed Arshid Ahmad, Faizan Amin Malik, Hamid Hussain Haqani **“HMACSHA256 with RSA for ensuring secure**

communication in IOT based Smart home System", International Journal of Advance Engineering and Research Development., Volume 5, Special Issue 01, Jan.-2018.

- Faisal Rasheed Lone ***"Performance Analysis Of BPSK And QAM Modulation Schemes Using BCH Encoding Over Rayleigh Fading Channel"***, International Journal of Advance Engineering and Research Development, Volume 5, Special Issue 01, Jan.-2018.
- Idris Afzal Shah, Syed Arshid Ahmad Simnani, Hamid Hussain Haqani, Faisal Rasheed Lone, ***"Green Scheduling Algorithm for Cloud Centric Data Centers"***, International Journal of Advance Engineering and Research Development, Volume 5, Special Issue 01, Jan.-2018.
- Dewan Imdadul Islam and Alope Datta. ***"Facial Expression Recognition Using 2DPCA on Segmented Images"***, Advanced Computational and Communication Paradigms, pp 289-297, March, 2017.
- Pankaj Choudhary ***"Facebook Forensics for Windows 10"***, Annual Symposium for Information Assurance, New York, October 2017.
- Pankaj Choudhary ***"Ranking Terrorists of 26/11 Network using SNA and AHP"***, Annual Symposium for Information Assurance, New York, October, 2017.
- Pankaj Choudhary ***"Ranking Terrorists of 9/11 Network using SNA and AHP"***, International Symposium on Analytical Hierarchical Process, London, January, 2018.

OTHER ACTIVITIES

- Malik Mubasher Hassan, Administrator for conducting survey for Quality Improvement under TEQIP-III Project by NPIU, MHRD, Govt of India
- Malik Mubasher Hassan, NBA Coordinator
- Malik Mubasher Hassan, Principal University Polytechnic

- Malik Mubasher Hassan, Member Survey Committee
- Malik Mubasher Hassan, Nodal Officer NKN
- Malik Mubasher Hassan, Member Anti Ragging committee
- Malik Mubasher Hassan, Member of selection committees for contractual appointment of staff.
- Rakesh Singh Sambyal, Co-Nodal Officer Finance, TEQIP-III Project by NPIU, MHRD, Govt. of India
- Rakesh Singh Sambyal, Nodal Officer, All India Survey of Higher Education.
- Member of committee of National Knowledge Network (NKN).
- Manmeet Singh, Co-Nodal Officer Procurement, TEQIP-III Project by NPIU, MHRD, Govt. of India
- Vishal Sharma, Sports coordinator of ITE Dept.
- Vishal Sharma, MOOC's Coordinator of ITE Dept.
- Faisal Rasheed Lone, Curriculum design for ITE Dept.
- Sajjad Ahmed, Coordinator of GATE.
- Sajjad Ahmed, Coordinator admission form and counselling.
- Sajjad Ahmed, Curriculum design for ITE Dept.
- Dewan Imdadul Islam, Website management.
- Susobhan Das, Co- Coordinator of NBA.
- Sunil Dalal, Coordinator of monitoring duty.

AWARDS / APPRECIATION / HONOURS TO FACULTY / STUDENTS IN ACADEMICS / RESEARCH ETC.

- Appreciation certificate for coordinating a one-month training programme on "Computer Hardware and Networking" held at SOET, BGSB University, Rajouri from September 13-October 13, 2017.

- Appreciation certificate for organizing a 2-Day work shop on “Technopreneurship” in consultation with Enovation Lab Chandigarh held at University Polytechnic BGSB University, Rajouri from November 7-8, 2017.
- Award for Software Development for Examination section by Governor, J&K on 22/Nov/2017.
- Appreciation for Successful completion of a One-month training programme on “Computer Hardware and Networking” held at Information Technology and Engineering Department, BGSBU from September 13- October 13, 2017.

SCHOOL OF MANAGEMENT STUDIES

DEPARTMENT OF MANAGEMENT STUDIES

INTRODUCTION OF THE DEPARTMENT

The Department of Management runs Masters Programmes in Business Administration (MBA) and Bachelors in Business Administration (BBA) which 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 department 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 students on rolls. Availability of modern computer laboratories, state-of-the-art teaching aids and internet connectivity helps students to learn, appreciate and analyze the important events shaping the business world. The department endeavors to produce business students capable of handling managerial positions in business organizations in India and abroad.

FACULTY

Name	Qualification	Designation	Specialization
Prof. Naseem Ahmed	PhD	Professor/Dean	Accounting & Finance
Dr. Dil Pazir	PhD	Sr. Assistant Professor	Small Scale Industry Mgmt.
Ms. Mamta Choudhary	MBA, UGC- NET	Assistant Professor	Human Resource
Dr. Parvez Abdulla	PhD, M. Phil, MBA	Sr. Assistant Professor	Management
Dr. Javed Iqbal	M. Com., PhD	Sr. Assistant Professor	Accounting & Finance
Dr. Darakshan Anjum	M. Com, PhD	Sr. Assistant Professor	Human Resource
Dr. Radha Gupta	M, Com, M. Phil, PhD	Assistant Professor	Human Resource
Mr. kafeel Ahmed	MBA, UGC-NET	Sr. Assistant Professor	Finance
Dr. Aasim Mir	PhD, MBA, UGC-NET	Sr. Assistant Professor	Strategic Management & Marketing
Mr. Jatinder kumar	MBA, UGC-NET	Sr. Assistant Professor	Finance
Mr. Danish Iqbal Raina	MBA, UGC-NET	Assistant Professor	Finance & Human Resource
Mr. Vinay Kumar	MBA, UGC-NET JRF, JKSET	Assistant Professor	Finance
Mr. Mirza Rizwan	MBA	Assistant Professor	Entrepreneurship

ENROLLMENT**MBA** 65**BBA** 28**M. Phil/ Ph.D.**

	M. Phil	Ph. D
Registered	NIL	08
Awarded	NIL	04

CURRICULAM**MASTER'S IN BUSINESS ADMINISTRATION (MBA)****Semester I**

Management Process & Organizational Behavior
 Accounting for Managers
 Quantitative Techniques for Managerial decision
 Managerial Economics
 Marketing Management
 Human Resource Management

Semester II

International Business
 Financial Management
 Business Law
 Operations Management
 Research Methodology & Its Applications

Semester III

Strategic Management
 Summer Training Project

**Elective Subjects
(Finance)**

Security Analysis
 International Finance
 Social Banking and Microfinance
 Indian Financial System
 Project Management
 Banking and Insurance Management

(Human Resource)

Strategic Human Resource Management
 Organizational Change and Development
 Industrial Relation and Labour Laws
 Human Resource Development
 Business ethics and Environment

(Marketing)

Advertising and Sales Promotion
 Consumer Behavior & Marketing Strategy
 Service Marketing
 Rural Marketing
 Distribution Management

Semester IV

Entrepreneurship Development
 Management Information System

Electives Subjects**(Finance)**

Portfolio Management
 Financial Derivatives
 Behavioral Finance
 Mergers and Acquisitions

(Human Resource)

Performance Management
 Interpersonal and Group Processes
 Cross Cultural Management
 Participative Management

(Marketing)

Strategic Brand Management
 Retail Marketing
 International Marketing
 Digital Marketing

BACHELOR'S IN BUSINESS ADMINISTRATION (BBA):**Semester I**

Principles of Management
 Business Economics
 Financial Accounting
 Communication Skills

Semester II

Business Law
 Fundamentals of Statistics

Environmental Science
Cost Accounting

Semester III

Organizational Behavior
Human Resource Management
Marketing Management
Financial Management

Semester IV

Corporate Social Responsibility
Security Market Operations
Sales Management
Project Management

Semester V

Management Information System
Customer Relationship Management
Industrial Relations
Indian Financial System
Summer Training Project

Semester VI

Income Tax
International Business
Entrepreneurship Development
Business Policy
Comprehensive Viva – Voice

INTAKE**MBA**

Intake	Admitted Male	Admitted Female	Total
40 Seats in General Category, 10 Seats in Self- Supporting Category	35	05	40

BBA

Intake	Admitted Male	Admitted Female	Total
25 Seats in General	23	05	28

Category, 10 Seats in Self-Supporting Category			
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CONFERENCES / SEMINARS / WORKSHOPS ATTENDED / PAPER PRESENTED BY FACULTY MEMBERS:

- Dr. Dilpazir attended ***Role of zakat in poverty Alleviation and Social Development*** organized by School of management studies BGSB University on 19-20 April 2017.
- Dr. Dilpazir attended ***Tourism motivations to travel: A theoretical perspective into existing literature*** organized by School of Business Studies Central University of Jammu on 4-6 May, 2017.
- Mr. Jatinder Kumar attended international conference on Islamic banking and finance held at BGSBU April 21, 22, 2017 and Presented paper on ***“Comparative analysis of commercial banking with Islamic banking”***.
- Mr. Jatinder Kumar attended two days National conference at Bhaderwah Campus University of Jammu held on 08-09 September 2017 and Presented paper entitled ***“Social impact of Rural to Urban Migration”***.
- Dr. Aasim Mir presented research paper titled ***“Emotional Intelligence: An Indispensible Tool for Examining Job Emotional Requirements”*** in two days National Conference on Innovative Trends in Computer Science Research held at department of Computer Science, BGSB University, Rajouri on 25-26, February, 2017.
- Dr. Aasim Mir presented research paper titled ***“Islamic Finance in India: An Introductory Framework”*** in International Conference on Islamic Banking and Finance: Way forward for inclusive and Sustainable Development organized by School of Management Studies, BGSB University, Rajouri on 19-20, April, 2017.

- Dr. Aasim Mir presented research paper titled ***“Exploration of Tourism Industry in Indian Context”*** in the National Seminar on Tourism and Sustainable Development organized by School of Management Studies, BGSB University, Rajouri on 30, March, 2017.
- Dr. Aasim Mir presented research paper titled ***“Enactment of E-Tourism Edifice for Triumphant Economical Advantage”*** in the National Seminar on Tourism and Sustainable Development organized by School of Management Studies, BGSB University, Rajouri on 30, March, 2017.
- Dr. Aasim Mir presented research paper titled ***“Customer Sensitivity Issues Concerning E-Tourism Development”*** in the National Seminar on Tourism and Sustainable Development organized by School of Management Studies, BGSB University, Rajouri on 30, March, 2017.
- Dr. Aasim Mir presented research paper titled ***“Enhancement of Service Quality Through Emotional Intelligence Dimensions in Telecom Sector”*** in two days National Conference on Emerging dynamics of entrepreneurship, skill development and rural livelihoods in new economic era organized by The Business School, Bhaderwah Campus, University of Jammu on 08-09 September, 2017.
- Dr. Aasim Mir presented research paper titled ***“Upgradation of Job Emotional Requirement at Workplace”*** in one day National Conference on Interdisciplinary Sciences and Humanities organized by Govt. Post Graduate College, Rajouri on 22 March, 2018.
- Dr. Aasim Mir presented research paper titled ***“Live-in Relationships and Literature: A Critical Study of Jude the Obscure”*** in one day National Conference on Interdisciplinary Sciences and Humanities organized by Govt. Post Graduate College, Rajouri on 22 March, 2018.
- Dr. Aasim Mir presented research paper titled ***“An Analysis of Post-GST Impact: Benefits and Challenges”*** in one day National Seminar on Policy

Reforms and Economic Diversification in India organized by School of Management Studies, BGSB University, Rajouri on 27 April, 2018.

- Mr. Vinay Kumar presented paper on ***“Perception of Individuals towards Islamic Banking: A case study of Rajouri (J&K)”***, in international conference on Islamic Banking & Finance: Way forward for Inclusive & Sustainable Development organized by School of Management Studies & Social Sciences held during 19th & 20th of April, 2017.
- Mr. Vinay Kumar presented paper on ***“Performance of SHGs-Bank Linkage & MFI-Bank Linkage in India: A Comparative Analysis”*** in national conference on Emerging Dynamics of Entrepreneurship, Skill Development and Rural Livelihoods in New Economic Era organized by The Business School, Bhaderwah Campus, University of Jammu, held during September 08-09, 2017.
- Mr. Vinay Kumar presented paper on ***“An Analysis of role of ICT in Higher Education in Quality Improvement in Higher Education: Challenges & Remedies”*** in national seminar organized by Government Degree college Pihani, Hardoi (UP) on 27th of Jan, 2018.
- Mr. Vinay Kumar presented paper on ***“Constructivism: A New Approach towards Teaching Learning method in national conference on Interdisciplinary Sciences & Humanities”*** organized by Government PG Degree College, Rajouri(J&K) on 22nd of March, 2018.

WORKSHOP

Mr. Vinay Kumar attended 21 Days UGC Sponsored Refresher Course in UGC, HRDC, University of Lucknow from 15th of June to 5th of July, 2017.

- Ms. Mamta Choudhary presented paper entitled ***“Skill Development: Initiatives and Challenges”*** in National Seminar on Policy Reforms and Economic Diversification in India organized by School of Management Studies and Economics on 27th April, 2018.

- Ms. Mamta Choudhary presented paper entitled ***“Impact of Skill Development on Economic Growth: An overview”*** in national Seminar on Policy Reforms and Economic Diversification in India organized by School of Management Studies and Economics on 27th April, 2018.
- Ms. Mamta Choudhary attended two day workshop on ***“Outcome Based Education”*** held at School of Engineering and Technology, BGSBU on March 19-20, 2018 under TEQIP.
- Ms. Mamta Choudhary presented paper entitled ***“Comparative Analysis of Islamic Banking and Conventional Banking System in the Indian Context”*** in International Conference organized by School of Management Studies, BGSB University held on 19-20 April 2017.
- Ms. Mamta Choudhary presented paper entitled ***“Impact of Discounted Airlines on Tourism Development: An overview”*** in National Seminar organized by School of Management Studies, BGSB University held on March 30, 2017.
- Dr. Radha Gupta presented paper entitled ***“Skill Development: Initiatives and Challenges”*** in National Seminar on Policy Reforms and Economic Diversification in India organized by School of Management Studies and Economics on 27th April, 2018.
- Dr. Radha Gupta presented paper entitled ***“Impact of Skill Development on Economic Growth: An overview”*** in national Seminar on Policy Reforms and Economic Diversification in India organized by School of Management Studies and Economics on 27th April, 2018.
- Dr. Radha Gupta attended two day workshop on ***“Outcome Based Education”*** held at School of Engineering and Technology, BGSBU on March 19-20, 2018 under TEQIP.
- Dr. Radha Gupta presented paper entitled ***“Comparative Analysis of Islamic Banking and Conventional Banking System in the Indian Context”*** in

International Conference organized by School of Management Studies, BGSB University held on 19-20 April 2017.

- Dr. Radha Gupta presented paper entitled ***“Impact of Discounted Airlines on Tourism Development: An overview”*** in National Seminar organized by School of Management Studies, BGSB University held on March 30, 2017.
- Dr. Radha Gupta presented Paper entitled ***“Demonetization: A SWOT Analysis”*** in National seminar organized by School of Business, SMVDU, Katra held on January 3, 2017.
- Mr. Kafeel Ahmed presented paper in National Conference on title ***“To study the investor investment objectives for investing in volatile market”*** organized by University of Jammu (Bhaderwah Campus), Bhaderwah in September, 2017.
- Mr. Kafeel Ahmed presented paper in International Conference on title ***“Impact assessment of demographic variables on investor decision making”*** organized by Jamia Millia Islamia in Oct. 2017.
- Mr. Kafeel Ahmed presented paper in National Conference on title ***“impact of demonetization on tourism industry in J&K”*** organized by School of Management Studies, BGSBU in March 2017.
- Mr. Kafeel Ahmed presented paper in International conference on title ***“Islamic finance, demonetization and Indian stock market”*** organized by School of Management Studies, BGSBU in April 2017.
- Mr. Kafeel Ahmed presented paper in International conference on title ***“To study investors attitude and preference towards investment”*** organized by Jamia Millia Islamia in Feb. 2018.
- Dr. Javed Iqbal presented paper titled ***“Pradhan Mantri Jan Dhan Yojana: A Big Step Towards Financial Inclusion in District Rajouri of J&K”***, in International Management Conference on Inclusive Growth, Good

Governance, Globalization and Green Future organized by Fortune Institute of International Business.

- Dr. Javed Iqbal presented paper titled "**Investment Appraisal Techniques and Performance of MSMEs in Rajouri**" in National Conference on Interdisciplinary Sciences and Humanities organized by Government P G College Rajouri.
- Dr. Javed Iqbal presented paper titled "**Entrepreneurship Development in Jammu and Kashmir: An Overview**" in Two Day National Level Conference on Paradigm Shift in Business Education organized by The Islamia College of Science and Commerce, Srinagar
- Dr. Javed Iqbal presented paper titled "**Challenges and Opportunities in Tourism Industry: A Study of Jammu and Kashmir**" in 1st International Conference on Recent Developments in Science, Humanities & Management organized by Amar Singh College, Cluster University Srinagar
- Dr. Javed Iqbal presented paper titled "**Solvency Analysis of a Public Sector Undertaking: A Study of Oil and Natural Gas Ltd.(ONGC)**" in 1st International Conference on Recent Developments in Science, Humanities & Management organized by Amar Singh College, Cluster University Srinagar.
- Dr. Javed Iqbal presented paper titled "**Role of Data Mining in Managerial Decisions**" in National Conference on Recent Advances in Computer Science and IT organized by Department of IT Engineering, SOET, BGSBU Rajouri.
- Dr. Javed Iqbal presented paper titled "**Impact of GST on FMCG Sector in India**" in National Seminar on Policy Reform and Economic Diversification in India organized by Department of Economics, School of Management Studies, BGSBU, Rajouri.
- Dr. Javed Iqbal presented paper titled "**GST and its Impact on the Fiscal Autonomy and Economy Development of the State of J&K**" in National Seminar on Policy Reform and Economic Diversification in India organized by

Department of Economics, School of Management Studies, BGSBU, Rajouri.

- Dr. Javed Iqbal presented paper titled ***"Impact of Goods and Service Tax on Indian Economy"*** in National Seminar on Policy Reform and Economic Diversification in India organized by Department of Economics, School of Management Studies, BGSBU, Rajouri.
- Dr. Javed Iqbal presented paper titled ***"A Study of the Role of FIIS in the 2015 Stock Market Crush"*** in National Seminar on Policy Reform and Economic Diversification in India organized by Department of Economics, School of Management Studies, BGSBU, Rajouri.
- Dr. Javed Iqbal presented paper titled ***"Impact of Capital Budgeting Decisions on the Handicraft Industry of Jammu and Kashmir"*** in National Seminar on Policy Reform and Economic Diversification in India organized by Department of Economics, School of Management Studies, BGSBU, Rajouri.

RESEARCH PUBLICATIONS

- Kumar, J., Gupta, Radha. 2017. ***"Social Consequences of Rural to Urban Migration: A Case of District Udhampur"*** Asian Journal of Research in Social Sciences and Humanities Vol. 7, No. 7, pp. 198-213. (ISSN 2249-7315).
- Kumar, J., Gupta, Radha. 2017. ***"Emerging trends of migration and Economic Consequences"*** International Journal of Research. (ISSN 2348-2848).
- A book chapter titled ***"A comparative analysis of pull and push factors associated with migration: A case of District Udhampur"*** (2017), published in the Book ***"Entrepreneur skills and rural development"***. Bharti Publication ISBN : 978-93-86608-12-3

- A book chapter titled ***“Evaluation of impact of education facilities on social status of migrant families”*** published in the Book ***“Entrepreneurship skill development and Rural Livelihoods”***.
- Mir Aasim & Sehgal G. (2017), ***“Emotional Intelligence: A Valuable Contrivance for Analyzing Emotional Facet”***, Journal of Arts, Science and Commerce, Vol. 8, Issue 2(1) pp 08-17.
- Mir Aasim & Sehgal G. (2017), ***“Emotional Intelligence Aptitude: An Essential Pillar for Health Service Providers”***, Indian Journal of Commerce and Management Studies, Vol. 8, Issue 2, pp 109-114.
- Sehgal G. & Mir Aasim (2017), ***“Effect of Emotional Intelligence Dimensions on Job Satisfaction”***, International Journal of Current Advanced Research, Vol. 6, Issue 8, pp 5686-5688.
- Mir Aasim (2017), ***“Job Performance through Emotional Intelligence Demeanor”***, Journal of Arts, Science and Commerce, Vol. VIII, Issue-04(4), pp 78-83
- Aslam M. & Mir Aasim (2017), ***“Ode to Varsity”*** International Journal of English Language, Literature in Humanities, Vol. V, Issue X, pp 03-04.
- Mir Aasim (2017), ***“Sustaining Job Emotional Requirement Using Emotional Intelligence”***, International Journal of Current Advanced Research, Vol. 06, Issue 11, pp 7558-7561.
- Mir Aasim (2018), ***“Emotional Intelligence and Turnover Intention: An Investigative Study”*** International Journal of Management Studies, Vol. V, Issue – 1 (4), pp 136-140.
- Mir Aasim (2018), ***“Job Emotional Requirement Illumination using Emotional Intelligence Dimensions”*** International Journal of Current Advanced Research, Vol. 07, Issue 02(B), pp 9724-9728.

- K. Vinay, (2017) ***“An Analysis of Growth of MSMEs in India and Their contribution in Employment and GDP of the Country”***, International Journal of Interdisciplinary and Multidisciplinary Studies (IJIMS), Impact factor: 4.335
- K. Vinay, (2017) ***“An Analysis of current Status & Performance of Micro financing Institutions in India”***, RESEARCH REVIEW International Journal of Multidisciplinary. Impact factor: 4.184.
- K. Vinay, (2017) ***“Does Microfinance have Equal distribution across the different regions of the Country?”*** P.No. 15-25. ***“Dynamics of Socio-Economic Development”*** Bharti Publications New Delhi.
- Article published on March 2, 2017 in Daily Excelsior on ***“Cleanliness with a Difference.”***
- Article published on March 18, 2018 in Daily Excelsior on ***“Modern Life Style: A Contemporary Issue.”***
- Article published on March 18, 2018 in Daily Excelsior on ***“Modern Life Style: A Contemporary Issue.”***
- Article published on March 2, 2017 in Daily Excelsior on ***“Cleanliness with a Difference.”***
- Kafeel (2017) ***“To study the impact assessment of Demographic variables (Gender) on investor decision making in stock market”*** Asian journal of management, ISBN NO. 0976-495X, Online 2321-5763.
- A. Kafeel (2017) ***“A study on investor investment objectives for investing in volatile market”*** Asian journal of research in social sciences and humanities, ISBN NO. 2249-7315.
- Kafeel (2017) ***“To study the demographic profile of investors, their attitude and preferences towards various investment avenues in stock***

market”, Asian journal of research in banking and finance, ISBN NO. 2249-7323.

- A. Kafeel (2017) **“To study the awareness and preference of retail investor with regard to instrument and industries/sectors”** International journal of research, ISBN NO. 2348-6848.
- A. Kafeel (2017) **“To study the impact assessment of demographic variables on investors decision making in stock market”** International journal of research, ISBN NO. 2348-6848.
- Iqbal J. (2017), **“Challenges and Opportunities in Indian Banking Sector”** International Journal of Business and Management
- Iqbal J. (2017), **“Challenges and Prospects of E-Commerce in India”** International Journal of Engineering Research and Applications
- Iqbal J. (2018), **“Demonetization and its Impact on Financial Inclusion: A Case Study of District Rajouri.”** International Journal of Creative Research Thoughts.
- Iqbal J. (2018), **“Challenges & Opportunities in Tourism Industry: A Study of Jammu and Kashmir”** International Journal of Enhanced Research in Management & Computer Applications
- Iqbal J. (2018), **“Solvency Analysis of a Public Sector Undertaking: A study of Oil and Natural Gas Corporation Ltd.”** International Journal of Enhanced Research in Management & Computer Applications
- Iqbal J. (2018), **“Role of Data Mining in Managerial Decisions”** International Journal of Scientific Research in Computer Science, Engineering and Information Technology.

EMINENT VISITORS

- ❖ **Prof. Nawab Ali Khan**, Aligarh Muslim University, Aligarh (Dec. 2017)

❖ Prof. Mohammad Israr Ul Haq, Aligarh Muslim University, Aligarh (March, 2017)

FINANCIAL ASSISTANCE PROVIDED FROM NATIONAL / INTERNATIONAL AGENCIES

Title of Ongoing Project	Funding Agency	Amount Sanctioned
Management & Performance of Micro & Small enterprises in Rajouri & Poonch Districts of J&K	ICSSR	7 Lac
Impact Analysis of Microfinance Programmes and their Contribution to Rural Development in J&K.	ICSSR.	5.975 Lac
Research & Documentation of Gujjars & Bakerwals (ST's) of J&K.	Directorate of Tribal Affairs, J&K.	5 Lac

OTHER ACTIVITIES

Management Fest	"SPARK-2017" on 10th of October, 2017
Leadership Conclave	Leadership Conclave-2017 on 11th of November, 2017
Symposium & Drawing Competition	Inter-Departmental Symposium & Drawing Competition on 27 th of April, 2017.
International Conference	Two Days International Conference on Islamic Banking & Finance on 19 th & 20 th of April, 2017.
National Seminar	A one Day National Seminar on Sustainable Tourism Development on 27 th of March, 2017.
National Seminar	A One Day National Seminar on "Innovations in Banking Sector: Opportunities & Challenges" sponsored By Jammu & Kashmir Bank Ltd. on 10 th of December, 2017.
Workshop	A four days' Workshop on Emerging Trends in Business & Economics from 9 th to 12 th of March, 2017.

INVITED LECTURES / TALKS / PRESENTATIONS DELIVERED BY FACULTY MEMBERS OUTSIDE UNIVERSITY.

- Dr. Aasim Mir delivered a lecture as Resource Person to newly recruited teachers on topic “Leadership Skills” in 12 days Induction Training Programme for cutting edge level govt. functionaries sponsored by DOPT, Govt. of India in collaboration with J&K Institute of Management and Public Administration (JK-IMPA) w.e.f. 17-03-2017 to 07-04-2017.
- Dr. Aasim Mir delivered a lecture as Resource Person to newly recruited Para-Medical Employees on topic “Career Advancement and Motivation” in 12 days Induction Training Programme for cutting edge level govt. functionaries sponsored by DOPT, Govt. of India in collaboration with J&K Institute of Management and Public Administration (JK-IMPA) in February-March, 2017.

MEMBERS OF BOARD OF RESEARCH STUDIES.

PhD.

Prof. Naseem Ahmed (Convener)
 Dr. Dilpazir
 Dr. Parvez Abdulla
 Dr. Javed Iqbal

M. Phil

Prof. Naseem Ahmed (Convener)
 Dr. Dilpazir
 Dr. Parvez Abdulla
 Dr. Daraksha Anjum

MEMBERS OF BOARD OF STUDIES

Prof. Naseem Ahmed (Dean)
 Prof. Mohammad Israr UI Haq (External Expert)
 Dr. Dil Pazir

Dr. Parvez Abdulla
Dr. Javed Iqbal
Dr. Darakshan Anjum
Dr. Radha Gupta
Mr. Kafeel Ahmed
Dr. Aasim Mir
Mr. Jatinder kumar
Mr. Danish Iqbal
Mr. Vinay Kumar
Mr. Mirza Rizwan

MASTERS IN HOSPITALITY AND TOURISM MANAGEMENT

INTRODUCTION

Centre for Hospitality and Tourism was established in 2016. The MBA (Hospitality & Tourism) programme is initiated keeping in view the growing importance of Tourism Industry globally and its prominence in the state of J&K as well.

The programme aspires to embed and inculcate in students an entrepreneurial spirit, Knowledge, Sustainability principles as well as moral, ethical and multicultural values. The Centre for Hospitality & Tourism believes in turning and transforming the education and making it a hub of excellence. we believe in grooming the students in a way thus bringing best out of them.

Besides Post Graduate Programme the Centre for Hospitality and Tourism also offers One year Diploma Programmes in Front Office, House Keeping & Food and Beverage Services for (10+2) Under Graduate Students to become industry Professionals with exciting careers in the Hotel, Restaurants and other service sector.

We believe in very professional approach and personalized approach to education. Centre for Hospitality and Tourism acts as a bridge to connect students to industry, with an education in hospitality and tourism you will have a wide range of opportunities ahead of you. We intend to offer field education placements in our programmes to ensure that our students get real world experience so as to make them available to global market.

The relationship we established with leading Hotel chains and industry partners provide students with local, National and International career opportunities in the field Hospitality & allied Industry.

FACULTY

Name	Qualification	Designation	Specialization
Asrar Ghaus	MTM, MBA, DHMCT	Director	Hospitality and Tourism
Mr. Ishtiyaq Ahmed Ahwan	MBA-HT, NET, SET	Contractual A.P.	Hospitality and Tourism
Dr. Insha Amin	MBA-HT, Ph. D	Contractual A.P.	Hospitality and Tourism
Mr. Amir Malik	MBA-HTM	Contractual A.P.	Hospitality and Tourism

ENROLLMENT

MBA (Hospitality & Tourism) 15

DIPLOMA IN FRONT OFFICE 04

COURSES OFFERED

Two Years Masters Degree (MBA (Hospitality & Tourism))

One Year Diploma In:

- a) Diploma in Front Office (DFO)
- b) Diploma in House Keeping (DHK)
- c) Diploma in Food and Beverage Services (DFB)

CURRICULAM -MBA**Semester-I**

Management Perspectives & Organizational Behaviour
 Managerial Economics
 Statistical Methods
 Basics of Hospitality Management
 Computer Applications in Hospitality & Tourism Industry.
 Communication Skills.

Semester II

Basics of Tourism.
 Marketing for Hospitality and Tourism.
 Financial Management and Accounting.
 Human Resource Management.
 Research Methodology and Paper Presentation Skills.

Choice Based Open Elective Course (one of the following)

Mathematical Tools for Real World Problems.
 Soft Skills in Information Technology.
 Computer Applications & Operations.
 Fundamentals of Biotechnology.
 Mysteries of Green Plants.
 Botany in Rural Development.
 Nutrition, Health & Hygiene.
 Fundamentals of Arabic Language.
 Applied English.
 Higher Education.
 Principles of Banking.
 Business Communication and Soft Skills.
 Instructional Technology.

Semester III

Strategic Management.
 Summer Training Report & Presentation.
 Tourism Resources of J & K.
 Front Office.

Elective Courses

Basics of Event Management.
 Tour Guiding & Escorting Skills.
 Geography of Tourism and Destination Development.
 Adventure, Wildlife & Cultural Tourism.
 Viva Voce.

Semester IV

Tourism Resources & Geography of India.
 Travel Agency & Tour Operations.
 Tour Policy, Planning and Development.
 Tourism Management in India.

Elective Courses

Entrepreneurship Development in Hospitality & Tourism.
 Food & Beverage Management.
 Accommodation Management.

Dimensions of International Tourism.
Viva-Voce

DIPLOMA IN FRONT OFFICE.

Semester I

Front Office Operations.
Principles of Accounting.
Communication Skills & Office Organization.
Basics of Computers.
Front Office Practical based on Theory.
Practical on Computer Applications.
Practical on Communication Skills & Office Organization.

Semester II

Students will undergo industrial training for 17 weeks in different Hospitality & Tourism Units and after successful completion of training, students will submit training report followed by presentation. The total marks will be 500 out of which 350 marks would be for Training Report and 150 marks for Presentation in the ratio of 70: 30.

DIPLOMA IN HOUSE KEEPING.

Semester I

Housekeeping Operations
Principles of Accounting.
Communication Skills & Office Organization.
Basics of Computers.
Practical on Housekeeping Operations.
Practical on Computer Applications.
Practical on Communication Skills & Office Organization.

Semester II

Students will undergo industrial training for 17 weeks in different Hospitality & Tourism Units and after successful completion of training, students will submit training report followed by presentation. The total marks will be 500 out of which 350 marks would be for Training Report and 150 marks for Presentation in the ratio of 70: 30.

DIPLOMA IN FOOD AND BEVERAGE SERVICES.

Semester I

Introduction to Food and Beverage Services.
 Principles of Accounting.
 Communication Skills & Office Organization.
 Basics of Computers.
 Practical based on Food and Beverage Services.
 Practical on Computer Applications.
 Practical on Communication Skill & Office Organization.

Semester II

Students will undergo industrial training for 17 weeks in different Hospitality & Tourism Units and after successful completion of training, students will submit training report followed by presentation. The total marks will be 500 out of which 350 marks would be for Training Report and 150 marks for Presentation in the ratio of 70: 30.

OTHER ACTIVITIES

- Celebration of World Tourism Day (27th September , 2017)
- Celebration of Annual Day (15th December, 2017) and other activities with Department of Management Studies BGSBU, Rajouri.

MEMBERS OF BOARD OF STUDIES.

- Prof. Naseem Ahmed (Convener)
- Mr. Nishteeth Srivastva (Subject Expert)
- Mr. Asrar Ghaus (Member)
- Mr. Kafeel Ahmed (Member)

SCHOOL OF SOCIAL SCIENCES

DEPARTMENT OF ECONOMICS

INTRODUCTION

The Department of economics came in to existence in the year 2014 with intake capacity of forty (40). Currently the Department of Economics is running Three Programs viz M.A, M. Phil and Ph.D. The M.A. in Economics is a two-year full-time programme, with each year comprising the summer and winter semesters. The selection criteria for Ph.D is on the basis of Entrance held in the month of January every year, the Department have Five Full time resident permanent Assistant professors.

FACULTY

Name	Qualification	Designation	Specialization
Dr. Dil Pazir	Ph.D	A.P.	Planning and Dvelopment Agricultural economics, Consumer behavior,
Dr. Irfan Ahmad Sofi	Ph.D ,NET	A.P.	Industrial Economics and Econometrics
Dr. Showket Ahmad Mir	Ph.D	A.P.	Macro economics, Developmental economics, Public Finance
Dr. Sajad Ahmad Rather	Ph.D. NET	A.P.	International Economics.
Ms. Tazeem Akhtar	M.A ., JRF	A.P.	Micro Economics and Labor economics.

M. Phil / Ph.D.

	P. Phil	Ph. D
Registered	1	3
Awarded	Nil	Nil

INTAKE

Intake	Admitted Male	Admitted Female	Total
40	24	12	36

NUMBER OF STUDENTS WHO QUALIFIED NET / SET / JRF

- 03 Students

CONFERENCES / SEMINARS / WORKSHOPS ATTENDED / PAPER PRESENTED BY FACULTY MEMBERS

- Dr. Dil Pazir attended ***Role of zakat in poverty Alleviation and Social Development*** organized by School Management Studies BGSB University on 19-20 April 2017.
- Dr. Dil Pazir attended ***Tourism motivations to travel: A theoretical perspective into existing literature*** organized by School of Business Studies Central University of Jammu on 4-6 May, 2017.
- Dr. Dil Pazir attended ***Customer relation management practice in telecom sector Comparative studies of public and private companies***, International journal of management studies ISSN 2249-0302 dated Vol ...2017.
- Dr. Dil Pazir attended ***Impact of Customer relationship management on customer satisfaction in loyalty A Study of telecom companies in J&K***, Researchers Worlds Arts Science and commerce ISSN 2231-4172 dated 2017.
- Dr. Irfan Ahmad Sofi attended ***Impact of pro-employer EPL reforms on wages: Empirical evidence from Indian manufacturing sector***, presented at the National Seminar on Policy reforms and economic diversification held on 27th April, 2018 at Department of Economics, BGSBU.

- Dr. Irfan Ahmad Sofi attended ***Comparison of labour market indicators between J&K and All India***, presented at the National Seminar on Policy reforms and economic diversification held on 27th April, 2018 at Department of Economics, BGSBU.
- Ms. Tazeem Akhter presented paper on ***“Potential Strategy for Diversification: Tourism in Jammu Region of Jammu and Kashmir”*** in National Seminar on Policy Reforms and Economic Diversification in India, organised by Department of Economics, BGSBU Rajouri (April 27,2018).
- Ms. Tazeem Akhter presented paper on ***“Economic Analysis of Climate Change on Agriculture: A Study of Poonch District”*** in Two-days National Science Conference on ‘Science, Society and Sustainable Development’ organised by Poonch Campus, University of Jammu (November 25-26, 2017)
- Ms. Tazeem Akhter presented paper on ***“International Labour Migration and Changing Rural Livelihoods: A Case Study of Kolian Village”*** in National Conference on Emerging Dynamics of Entrepreneurship, Skill Development and Rural Livelihoods in New Economic Era organised by Bhaderwah Campus, University of Jammu (08-09 September,2017)
- Ms. Tazeem Akhter presented paper on ***“Rural Poverty in Pathantir: A Multidimensional Approach District in National Conference on Roadmap for Doubling the Farmers Incomes by 2022”*** organised by Department of Economics , University of Jammu (March 29-30,2017)
- Ms. Tazeem Akhter presented paper on ***“Economic Impact of Water Harvesting on the farmers of Poonch District”*** in National Conference on Roadmap for Doubling the Farmers’ Incomes by 2022 organised by Department of Economics , University of Jammu (March 29-30,2017)
- Ms. Tazeem Akhter presented paper on ***“Milk Products: A Booster of Tribal Economy in Poonch District”*** in State level Interdisciplinary Conference on Innovative Research in Science & Technology for Sustainable Development organised by Government Degree College Poonch (March 20, 2017)

- Ms. Tazeem Akhter attended ICSSR Sponsored Capacity Building Programme on **Research Methodology for Young Faculty in Social Sciences** organised by School of Social Sciences, Sikkim University from 11th-26th March, 2018.
- Ms. Tazeem Akhter attended “**Course on Research Methods in Labour Studies**” in V.V.Giri National Labour Institute, NOIDA (UP) from May 29-June 09, 2017.

RESEARCH PUBLICATIONS

- Pazir. D. (2017). **Customer relationship management practices in telecom sector: Comparative study of public and private Companies**, *International Journal of Management Studies*, Researchers World ISSN (Print) 2249-0302 ISSN (online)2231-2528.
- Pazir. D. (2017) **Impact of customer relationship management on customer satisfaction and loyalty: A study of Telecom Companies in J&K**, *Researchers World Journal of Arts, Science & Commerce*, E-ISSN 2229-4686, ISSN 2231-4172.
- Sofi, I.A. & Kunroo, M.H. (2017). **Demand shocks and employment adjustments: does employment protection legislation create rigidity?** *International Labour Review*, Vol. 156 (3), 1-23 (in Press). Publisher: Wiley-Blackwell. (ISSN No: 00207780).
- Imran, A., Kunroo, M.H., & Sofi, IA. (2018). **An RCA Analysis of India-China Trade Integration: Present, potential and prospects**. *Foreign Trade Review*, Vol. 53 (1), 1- 10. Publisher: Sage (ISSN No: 09717625).
- Kunroo, M.H., Sofi, I.A., Khurana, M., & Mogha, S.K. (2017). **Re-visiting the impact of the Euro on trade flows: new evidence using gravity equation with poisson count-data technique**. *Advances in Intelligent*

Systems and Computing, Vol. 547, 229-239. Publisher: Springer. (ISSN No. 21945357).

EMINENT VISITORS

- **Prof. Santosh Mehrotra**, Phd.D from Cambridge university professor and chairperson centre for informal and labor studies JNU New Delhi visited the department on seminar conducted bu the department on 27th of April 2018 as Key note speaker on the title “Policy reforms and economic diversification in India)
- **Prof. Masroor Ahmad** Professor at Delhi University attended the seminar acted as chairperson for technical session in seminar conducted by the department of economics on 27th of April 2018.

OTHER ACTIVITIES

- Management fest organized by School of Management Studies and Economics on 10th October 2017.
- Leadership Conclave held by department of management studied and economics on 11th November 2017
- Organized a One day national seminar on “Policy reforms and economic diversification in India” on 27th of April 2018.
- International conference on “Islamic banking and finance way forward for inclusive and sustainable development” organized by school of management studies and economics. BGSBU on 19-20 April 2018
- “Induction Programme” for newly admitted students Organised by school of management studies and economics BGSBU.
- “Peace Progress and prosperity Campaign (P₂P)” programme launched by School of management studies and economics on July 2017

AWARDS / APPRECIATION / HONOURS TO FACULTY / STUDENTS IN ACADEMICS / RESEARCH ETC.

2nd Place in P₂P : Challenging Extremism Near East South Competition Fall 2017 (NESA Competition).

MEMBERS OF BOARD OF RESEARCH STUDIES.

- Prof. Naseem Ahmad (Dean School of management Studies and Economics BGSBU)
- Dr. Dil Pazir (Head, Department of Economics BGSBU)
- Dr. Parvez Abdullah (Sr. Assistant Professor department of Management Studies BGSBU)
- Dr. Javed Iqbal (Sr. Assistant Professor Department of Management studies BGSBU)

SCHOOL OF ISLAMIC STUDIES & LANGUAGES

DEPARTMENT OF ARABIC

INTRODUCTION

Arabic is a living language of the world. Its literary heritage is rich. From time immemorial of its history it has never failed in fulfilling the demands of changing world. There are several Arab literary figures whose works are counted as world classics. In 1988, it was a feat for Arabic language and literature when Nageeb Mahfuz was awarded Nobel Prize for his contribution to the field of Arabic novel. Besides, Arabic is the official language of 18 Arab countries, fourth language of the world and sixth language of UNO. The oil boom in 1920 converted the Arabian Desert into a golden hen. It became a haven for people from all over the world looking for earning quick buck. People from all over the world including India turned to Arab countries for employment that was facilitated by their knowledge of Arabic language. Keeping in view this huge potential of the language, the University started the Department of Arabic when it came into existence in 2005.

The Department of Arabic since its establishment has made several strides. The department which started with only M. A. Program and three faculty members and seventeen students is now offering all courses from B. A.(Hons) to PhD and there are nearly ninety five students, including nineteen research scholars in M.Phil and Ph.D under the guidance and teaching of young and dynamic faculty members.

FACULTY

Name of Faculty	Qualification	Designation	Specialization
Dr. Shams Kamal Anjum	Ph.D	Associate Professor/ HoD	Arabic
Dr. MD Affan	Ph.D	Assistant Professor	Arabic
Dr. Mohd Azam	Ph.D	Assistant Professor	Arabic
Dr. Manzar Alam	Ph.D	Assistant Professor	Arabic
Dr Aqeela	Ph. D	Assistant Professor (contractual)	Arabic
Mr Naseeruddin sofi	M A English	Teaching Assistant (contractual)	English

ENROLLMENT**B.A (Hons.) Arabic (2017-2018)**

S. No	Semester-I	Semester-III	Semester-V	Total
01	08	04	04	16

M.A Arabic (2017-2018)

S. No	Semester-I	Semester-III	Total
01	24	27	51

M. Phil/ Ph. D

	M.Phil	Ph.D
Registered	03	05
Awarded	03	06

CURRICULAM

- **B.A (Hons.) Arabic:**

Semester I

Arabic Text - I
 Arabic Grammar (Syntax & Morphology) - I
 Urdu - I (Ghazal & Nazm)
 Islamic Studies - I (Islam: Early Phase)
 General English - I

Semester II

Arabic Text - II
 Arabic Grammar (Syntax & Morphology) - II
 Urdu - II (Qasida, Mrsiah, Masnavi & Rubayee)
 Islamic Studies - II (Islam: a way of life)
 General English - II

Semester III

Arabic Text - III
 Arabic Grammar (Syntax & Morphology) - III
 Urdu - III (Mazmoon Nigari and Khaka)
 Islamic Studies - III (Islamic Civilization under the Abbasid and Muslim Spain)
 General English - III

Environmental Science

Semester IV

Arabic Text - IV
 Arabic Grammar (Syntax & Morphology) - IV
 Urdu - IV (Novel & Afsana)
 Islamic Studies - IV (Islamic Sciences)
 General English - IV

Semester V

Arabic Prose
 Translation (Arabic - English & Vice Versa)
 Introduction to the Arab World
 Urdu - V (Drama & Tazoo Mazah)
 Islamic Studies - V (Islam in Modern World)
 General English - V

Semester VI

Arabic Prose & Poetry
 Oral Expression in Arabic
 History of Arabic Literature
 Urdu - VI (Adabi Tanqeed)
 Islamic Studies - VI (Islamic Tenets and Institutions)
 General English - VI

M.A Arabic:

Semester I

Classical Arabic Prose - I
 Classical Arabic Poetry - I
 History of Arabic Literature - I
 Applied Arabic Grammar and Morphology

Semester II

Classical Arabic Prose - II
 Classical Arabic Poetry - II
 History of Arabic Literature - II

Elective Courses

Mathematical Tools for Real World Problems
 Soft Skills in Information Tech.
 Computer Applications & Operations
 Fundamentals of Biotechnology
 Mysteries of Green Plants
 Botany in Rural Development
 Nutrition, Health & Hygiene
 Applied English
 Higher Education
 Principles of Banking

Basics of Tourism and

Semester III

Modern Arabic Prose - I
 Modern Arabic Poetry - I
 Translation & Composition -I
 Fundamentals of Rhetoric

Elective Courses

Fundamentals of Literary Criticism
 Arabic Literature in India
 Mahjar Literature
 History of Arabic Literature in Spain
 Arabic Prose and Poetry in Spain
 Modern Trends in Arabic Literature

Semester IV

Modern Arabic Prose - II
 Modern Arabic Poetry - II
 Translation and Composition - II
 Arabic Linguistics
 Research Methodology
 Project - Viva Voce

INTAKE

B.A (Hons.) Arabic

Intake	Admitted Male	Admitted Female	Total
30	04	04	08

M.A Arabic

Intake	Admitted Male	Admitted Female	Total
30	11	13	24

NUMBER OF STUDENTS QUALIFIED NET/SET/JRF

2013	2014	2015	2016	2017
06	04	02	06	--

CONFERENCES / SEMINARS / WORKSHOPS ATTENDED / PAPER PRESENTED BY FACULTY MEMBERS:

- Dr Anjum SK; One Day State level Seminar on **“Arabic and Urdu Short Story; Art and Technique”** organized by Department of Arabic BGSBU on 25 March 2018 and presented a paper entitled **“Origin and development of Arabic short story”**
- Dr Anjum SK; Two day International Seminar on Arabic Language in India; Past present and Future organized by Department of Arabic, JMI, King Abdullah b Abdul Aziz Centre Ryadh, AIAATS from 16-17 April 2017 and presented a paper entitled **“Contribution of BGSB University in promotion of Arabic in Pir Panchal Region”**
- Dr Anjum SK; Two Days International Seminar on **“Adabul Mahjar; Jawanib Ijtemaiyyah wa thaqafiyyah wa tarikhiyyah”** organized by Department of Arabic University of Delhi from 17-18 March 2018 and presented a paper entitled **“Al Haneen fi al- Sher al- Arabi”**
- Dr Anjum SK; Two Days National Seminar on **“Khud Nawisht; Fan aur Rewayet”** organized by MANUU Lucknow Campus from 13-14 March 2018 and presented a paper entitled **“Umar Farrookh ki Khud Nawisht “Gubarus Sineen” Ka Tanqeedi Jayeza”**
- Dr Anjum SK; Two Days National Seminar on **“Relation between Noble Qur’an and Arabic Language: Revelation, Recitation and Translatability”** organized by Department of Arabic Govt. Degree College Pulwama Kashmir from 30-31 October 2017 and presented a paper entitled **“Quran E Karim ki Jamaliyat ke Asrar o Romooz**
- Dr Anjum SK; One Day state level Seminar on **“Impact of Arabic on regional languages of Pir Pnjal”** organized by Department of Arabic BGSB University Rajouri on 11 April 2017 and presented a paper entitled **“Impact of English on Arabic Language”**.
- Dr Anjum SK; Two Days National Seminar on Translation of Arabic Sources into Indian Languages and Vice Versa organized by Department of Arabic University of

Delhi from 8-9 March 2017 and presented a paper entitled **“Techniques of Translations from Arabic to Urdu”**.

- Dr Md Affan; One Day State level Seminar on **“Arabic and Urdu Short Story; Art and Technique”** organized by Department of Arabic BGSBU on 25 March 2018 and presented a paper entitled **“Yousuf Idris and Short Story”**
- Dr Affan Md; Two day International Seminar on Arabic Language in India; Past present and Future organized by Department of Arabic, JMI, King Abdullah b Abdul Aziz Centre Riyadh, AIAATS from 16-17 April 2017 and presented a paper **“Al-Lugha al Arabia fil Hind Bayn al-Waqe wa-al Mamul”**
- Two Days International Seminar on **“Adabul Mahjar; Jawanib Ijtemaiyyah wa thaqafiyah wa tarikhiyyah”** organized by Department of Arabic University of Delhi from 17-18 March 2018 and presented a paper entitled **“Aqidato Tanasukhil Arwah baine Jubran wa Zumalaehi”**
- Dr Azam Mohd; Two day International Urdu conference on **“Traqqi Pasand Urdu Afsane ka Irtiqa”** organized by Department of Arabic, P.G College Rajouri and presented a paper.
- Dr Azam Mohd; Two Days National Conference on **“Interdisciplinary Sciences and Humanities”** organized by Government Degree College, Rajouri, J&K from 15 & 16 March 2017 and presented a paper on **“Life and works of Dr. Sabir Mirza”**
- Dr Azam Mohd; Seven days Workshop **“Arabic Teachers Training Course”** organized by The King Abdullah bin Abdul Aziz International Centre for Arabic Language, DU, N. Delhi, from 1-7th April 2017
- Dr. Alam Manzar; Two day International Seminar on Arabic Language in India; Past present and Future organized by Department of Arabic, JMI, King Abdullah b Abdul Aziz Centre Riyadh, AIAATS from 16-17 April 2017 and presented a paper **“Waqi ul lughatil Arabbiyah fi wilayati Jammu wa Kashmir”**

- Dr. Alam Manzar; National Seminar on ***”Relation Between Noble Quran and Arabic Language”*** organized by Government Degree College , Pulwama, Kashmir and presented a paper entitled ***“Ahmiyatun Nahwil Arabi fi Fahmil Quran al Karim”***
- One Day state level Seminar on Impact of Arabic on regional languages of Pir Pnajal organized by Department of Arabic BGSB University Rajouri on 11 April 2017 and presented a paper entitled ***“Origin and Development of Arabic Language”***.
- Dr. Aqeela: One day state level Seminar on: ***“Impact of Arabic on Regional Languages of Pir Panchal Region”*** on 11 March 2017 organized by the Department of Arabic BGSBU and presented a paper entitled; ***”Impact of Arabic on Urdu Language”***
- One Day State level Seminar on ***“Arabic and Urdu Short Story; Art and Technique”*** organized by Department of Arabic BGSBU on 25 March 2018 and presented a short story entitled ***“Qatil”***
- Three days national workshop on Research Methodology from 10th -12th October 2017 organized by the Department of Humanities, Islamic university of science and Technology Awantipora Pulwama Kashmir.
- Three days workshop on Research Methodology from 15 -17 November 2017 organized by the Department of English Language literature and Society Jaipur National University Jaipur Rajasthan.
- Three days workshop on Research Methodology 21- 24 -March 2018 organized by the Department of English Language literature and Society Jaipur National University Jaipur Rajasthan.

RESEARCH PUBLICATIONS

- Anjum S K; ***Balaghat E Quran E Kareem***, (Urdu Translation from Arabic) *Educational Publishing House, Lal Kuwan Delhi 6, 2018*
- Anjum S K; ***Tareekh E Adab E Arabi***, Urdu Translation from Arabic, No of Pages 321 ISBN No 978-93-87539-59-4 *Educational Publishing House, Lal Kuwan Delhi 6, 2017*
- *Anjum S K; Nash'at o Ilmil Balagha wa Tatauwuruhu Abral Usoor*, Al Tilmeez, Govt. of Jammu and Kashmir Higher Education Department, Srinagar (Vol 1 Issue 04) April 2018, Page No 23-38 ISSN No 2394-6628
- *Anjum S K; Umar Farookh Ki Khud Nawisht Ghubarus Sineen; Tajrebato Moshahidaat ke be missal motiyon ka lazawal samundar , Majalla Afkar E Aliya, Mau Nath Bahnjan*, April-June 2018 (vol;15 (02), Page No 21-27, ISSN No 2394-1820
- Anjum S K; ***Allama Abdul Aziz al Maimani, Hindustan mein Arabi Adabiyat ka be misaal mohaqqiq o Insha Pardaz***, *Majalla Afkar E Aliya, Mau Nath Bahnjan*, January March 2018 (vol;15 (01), Page No 22-36, ISSN No 2394-1820
- Anjum S K; ***Tufaili, Maan na Maan Main Tera Mehmaan***, Monthly al-Ittehad, Mumbai , January 2018 Page No 14-18
- Anjum S K; Maulana Abul Kalam Azad, ***Tareekh E Paidaish ka Ilmi Muhaakma, Majalla Tahreek E Adab***, October-December 2017, Vol;33 P No 22-27 ISSN 2322-0341, UBGC Approved Journal No 41078
- Anjum S K; ***Imraul Qais ki Jamaliyat E She'r***, *Majalla Tahreek E Adab*, October-December 2017, P No13-21 Vol;33 ISSN 2322-0341, UBGC Approved Journal No 41078
- Anjum S K; ***Ghalib aur Ghibal***, Urdu Duniya NCPUL, MHRD New Delhi, July-2017 (19/07) ISSN 2249-0630, *Majalla Tahreek E Adab*, October-December 2017, P No 28-31 Vol;33 ISSN 2322-0341, UBGC Approved Journal No 41078

- Anjum S K; ***Qurán E Karim mein warid In Mukhaffafa Ke Tarjme Mein Kotahiyán,*** Majalla Ihtesab, Jamia Islamia Daryabad, UP (October- November 2016-Jan-March 2017
- Affan Md; ***Madkhal ila al- Rewayá al Inglizia,*** Roseword Books, 2017, ISBN 97893-85294-26-6.
- Affan Md; ***Mazahirul Hayat aldiniyya fi Kalila wa Dimna,*** Al-Mazahir Saharanpur, Vol-1, Issue:4 2017
- Affan Md; ***Al-Riwaya al-Arabia mi al-Shur bi Murakkabinnáqs ila al-Etezaz binnáfs,*** Al-Asima Kerala, Vol-9
- Affan Md; ***Amina wa Gauri wa Akhawatumuma,*** Dirasat Arabia, JNU, Vol-4, 2017
- Alam Manzar; ***Al-Shaikh Muhammad Abdhu; Islahatohoo al Adabiah wa al-Diniah wa al- Taleemiha,*** Roseword Books 2017 ISBN 978-93-85294-34-1
- Aqeela; ***Ahmad Amin Hayatohu wa Moshahimaatohu Fil Adab al Arabi,*** Al Tilmeez, Govt. of Jammu and Kashmir Higher Education Department, Srinagar (Vol 1 Issue 04) March 2018, ISSN No 2394-6628
- Sofi, Naseer, Lailat ul Qadr. ***"The Role of Indian Writers and their Contribution to Depict Personal and National Destinies in Contemporary Indian English Novels"***, North Asian International Research Journal Of Social Science & Humanities. ISSN: 24549827, Impact Factor: 3.015. March 2018
- Sofi, Naseer, ***"Women in the Contemporary Literature & Cinema"*** in One Day national Seminar on Literature and Society, organized by the department of English SSNC DR. B.R Ambedkar Hubli Karnataka on 20 January 2018
- Sofi, Naseer, ***"Cultural Alienation and Loss of Identity in Jumpa Lahiri's The Namesake"*** Naseer ud-din Sofi Indian Women Novelists in English: Art and Vision Edited by Deepak Giri and Dr. S.S kanade. March 2018

- Sofi, Naseer, ***“Women in the Contemporary Literature & Cinema”*** in One Day National Seminar on Literature and Society organized by the department of English SSNC DR. B.R Ambedkar Hubli Karnataka on 20 Jan 2018 under ISBN 978-93-5291-910-9. January 2018

EMINENT VISITORS:

- **Prof. Mohsin Usmani Nadvi**, Former Head, Department of Arabic EFL Hyderabad, 09 September 2017
- **Prof. Mohd. Ayoub Tajuddin Nadvi**, Head, Department of Arabic Jamia Millia Islamia, 21 March 2017
- **Prof. Zubair Ahmed Farooqi**, Former Head, Department of Arabic Jamia Millia Islamia, 29 March 2016
- **Prof. MN Khan**, Former Head Department of Arabic DU, 29 March 2016

OTHER ACTIVITIES

- All India Urdu Mushaira (Poetic Symposium) 14 December 2017.
- One Day State level Seminar on “Impact of Arabic on the regional languages of Pir Panjal región” 11 March 2017

AWARDS / APPRECIATION / HONOURS TO FACULTY / STUDENTS IN ACADEMICS / RESEARCH ETC

- Dr. Anjum SK: ***“Outstanding Researcher of the Year Award”*** (in Arts/ Management/ Social Sciences) Baba Ghulam Shah Badshah University Rajouri, 15 December 2017

LECTURES / TALKS / PRESENTATION DELIVERED BY FACULTY MEMBERS OUTSIDE UNIVERSITY:

- Dr. Anjum SK: Delivered extension lecture in the *National workshop organized by Unity Public School, Chennai Tamil Nadu on 18/11/2017 on the topic "Teaching Arabic Language using direct/ indirect methods (Pros and Cos)"*
- Dr. Anjum SK: Delivered extension lecture in the *Department of Islamic Studies, University of Kashmir on 13 June 2017 on the topic Early Development of Islamic religious sciences and Ajazul Quran*

MEMBERSHIP OF BOARD / COMMITTEES OUTSIDE UNIVERSITY:

- Dr. Anjum SK; Member Advisory Board of the Monthly al- Tilmeez, (A peer reviewed Urdu journal of J&K govt. Higher Education Department, approved by UGC) From 2010 till date
- Dr. Anjum SK; Member Advisory Board of the Majalla Tahreek e Adab, Banaras (A peer reviewed Urdu journal approved by UGC)

MEMBER BOARD OF RESEARCH STUDIES:

- Dr. Anjum SK; Member Board of Research Studies: (BORS) Department of Arabic, Baba Ghulam Shah Badshah University, (2017-18)

MEMBER BOARD OF STUDIES:

- Dr. Anjum SK; Member/ convener Board of Studies (BORS) Department of Arabic, Baba Ghulam Shah Badshah University, (2017-18)

- Dr. Anjum SK; Member/ convener Board of Studies (BORS) Department of Urdu, Baba Ghulam Shah Badshah University, (2017-18)
- Dr. Anjum SK; Member/ convener Board of Studies (BORS) Department of Arabic, Baba Ghulam Shah Badshah University, (2017-18)
- Dr. Md Affan Member (BOS) Department of Urdu, Baba Ghulam Shah Badshah University, (2017-18)
- Dr. Mohd. Azam (BOS) Department of Urdu, Baba Ghulam Shah Badshah University, (2017-18)
- Dr. Manzar Alam Member (BOS) Department of Urdu, Baba Ghulam Shah Badshah University, (2017-18)

DEPARTMENT OF ISLAMIC STUDIES

INTRODUCTION

Islamic Studies' is an integrated academic discipline, aims at the study of revealed sources of knowledge (the Quran & the Sunnah), rich heritage of Islamic civilization and culture (spiritual, intellectual, scientific and social), contemporary Muslim world, comparative religion and Islamic jurisprudence based on the principles of social justice, human rights and universal brotherhood.

The thrust areas of the Department of Islamic Studies include Islamic History, Islamic Religious Sciences (Quran, Hadith & Fiqh), and Spirituality in Islam, Study of World's Major Religions, Muslim Philosophy and Islam in the Modern world (Thinkers and Movements). The courses on offer help learners to explore Islam as Religion, understanding 'Islamic Culture and Civilization' besides imparting knowledge about social, political, economic and cultural trends in Muslim world as well as interfaith dialogue and understanding.

The course is based on 'Choice Based Credit System (CBCS)' and the medium of instruction is English. The Department also focuses on the extra-curricular activities which include Seminars, Conferences, Workshops, Symposia, Quiz, and Debates etc. to groom the students and provide the platform to the scholars of the field.

FACULTY DETAILS

Name of Faculty	Qualification	Designation	Specialization
Dr. Shams Kamal Anjum	Ph. D	HoD	Arabic Literature
Dr. Naseem Gul	Ph. D	A.P.	Islamic Studies
Dr. Rafiq Anjum	Ph. D	A.P.	Islamic Studies
Mr. Sajad Ahmad Kumar	M.A/NET	A.P. (Contractual)	Islamic Studies
Mr. Gulzar Ahmad Bhat	M.A/NET/SET	A.P. (Contractual)	Islamic Studies

ENROLLMENT**M.A Islamic Studies**

S.No	Semester-I	Semester-III	Total
01	20	NIL	20

M.Phil/ Ph. D Details

	M.Phil	Ph.D
Registered	Nil	02
Awarded	Nil	Nil

CURRICULAM**M.A Islamic Studies****Semester I**

Introduction to Islamic Studies
 MIS 102 History of Islamic Civilization: Origin
 & Development (upto Khulafa-i-
 Rashidin)
 Islamic Religious Sciences - I (Study of Quran)
 Islamic Religious Sciences - II (Study of Hadith)
 Proficiency in Arabic - I

Semester II

History of Islamic Civilization (Umayyads and Abbasids)
 Islamic Religious Sciences-III (Fiqh)
 Ilm-al-Kalam and Muslim Philosophy
 Proficiency in Arabic - II

Elective Courses

Mathematical Tools for Real World Problems
 Soft Skills in Information Tech.
 Computer Applications & Operations
 Fundamentals of Biotechnology
 Mysteries of Green Plants
 Botany in Rural Development
 Nutrition, Health & Hygiene
 Fundamentals of Arabic Language
 Applied English
 Higher Education
 Principles of Banking
 Basics of Tourism and Travel Agencies
 Tourism Resources of J&K
 Business Communication & Soft Skills

Instructional Technology

Semester III

History of Islamic Civilization in West Asia and Africa
 Islam in Modern World -West Asia & Africa (Thinkers, Movements & Trends)
 Tasawwuf
 Proficiency in Arabic - III

Electives

Islamic Dawah
 Economics & Finance
 Islam & Science
 Islam and Gender Studies

Semester IV

Islamic Civilization in Indian Sub Continent
 Islam in Modern World: South Asia (Thinkers, Trends & Movements)
 Human Rights in Islam
 Major World Religions
 Proficiency in Arabic - IV

INTAKE

Intake	Admitted Male	Admitted Female	Total
30	06	14	20

CONFERENCES / SEMINARS / WORKSHOPS ATTENDED / PAPER PRESENTED BY FACULTY MEMBERS:

- Dr Rafique Anjum attended National Interdisciplinary Conf. at GDC Rajouri on Mar. 2017
- Dr Rafique Anjum attended National Science Conference held at GDC Poonch in Mar. 2017
- Dr Rafique Anjum attended National Seminar at BGSBU, Rajouri on April 9, 2017
- Dr Rafique Anjum attended Int. Conference on Environmental and Religion held at CU Kashmir on July 5-6,2017

- Dr Rafique Anjum attended one day National Seminar “Annual Festival of Letters” organized by Sahitya Academy, New Delhi on Feb. 13-14.
- Dr Rafique Anjum attended two day National Seminar on Quranic Perspective on Knowledge, Education and Development, held at Kashmir University on 14-15 March, 2018 and presented paper entitled “Contextualizing Pluralism in Quranic Perspective”.
- Mr Gulzar Ahmad Bhat attended Two days National Sirah Seminar titled ‘Prophet Muhammad and Social Justice’ held at Kashmir University on 16-17 Dec, 2107 and presented a research paper entitled “Rasul-i- Akram aur Masawaat”
- Mr Gulzar Ahmad Bhat attended Int. Conference on Environmental and Religion held at CU Kashmir on July 5-6,2017
- Mr Gulzar Ahmad Bhat participated in the two days Seminar on Quranic Perspective on Knowledge, Education and Development, held at Kashmir University on 14-15 March, 2018

RESEARCH PUBLICATIONS

- Anjum. R. (2017) “**Concept of Peace in world’s Major Religions**” published in International Journal of Scientific and Research Publication Vol. 7 Issue 4 (April 2017) ISSN: 2250-3153{UGC Recognized and IF 3.27}
- Anjum. R. (2017) “**Concept of Peace in Islam and Contribution of Maulana Wahiduddin Khan to Peaceful Coexistence**”; International Journal of Scientific and Research Publication Vol 7 Issue 6 (June 2017) ISSN: 2250-3153 {UGC Recognised and IF 3.27}
- Anjum. R. (2017) “**Human Rights and Peaceful Co-Existence**” Accepted for publication in Global Journal of Multi Disciplinary Studies for June 2017 Issue. {UGC Recognized and IF 3.98}

EMINENT VISITORS

- Prof. Naseem Ahmad Shah, Former Dean School of Social Sciences, University of Kashmir, Srinagar

OTHER ACTIVITIES

- The department has held a inter Department/College Quiz Competition on theme Sirah of Prophet Muhammad (PBUH) 22nd Feb, 2018

AWARDS / APPRECIATION / HONORS TO FACULTY / STUDENTS IN ACADEMICS / RESEARCH ETC:

- Dr. Rafiq Anjum, Gujjar Ghandhi Award for Excellence in Literature Poonch 2017

MEMBERS OF BOARD OF STUDIES:

- Dr. Shams Kamal Anjum (Convener)
- Dr. Naseem Gul
- Dr. Rafiq Anjum

DEPARTMENT OF URDU

INTRODUCTION

The Department of 'Urdu' was established in 2017 under the school of Islamic Studies and Languages. The Department offers post-graduate, M. Phil., & Ph. D. Programmes of studies.

'Urdu' is an integrated academic discipline aims and focuses on activities with regard to the development of Urdu Language- the official language of the J&K State. The thrust areas of the Department of Urdu include *Daastan, Novel, Afsanah, Drama, Tanz-o-Mizah, Tahqeeq-o-Tanqeed, Maktoob Nigari* and *Nazam, Ghazal, Qaseeda, Marseyah, Rubaye, Masnavi* and *Qat'a*.

The course is based on 'Choice Based Credit System (CBCS)' and the medium of instruction is Urdu. The Department also focuses on the extra-curricular activities which include Seminars, Conferences, Workshops, Symposia, and Debates etc. to groom the students and provide the platform to the scholars of the field.

FACULTY DETAILS

Name of Faculty	Qualification	Designation	Specialization
Dr. Shams Kamal Anjum	Ph. D	HoD	Arabic
Dr Mushtaq Ahmed Wani	Ph.D	A.P.	Urdu
Dr.Liaqat Nayyar	Ph.D	A.P.	Urdu
Dr Asaf Malik	Ph.D	A.P.	Urdu
Ms. Rizwana Shamsi	M.Phil	A.P.	Urdu
Dr Mohd. Ayoub	Ph. D	A.P. (Contractual)	Urdu

ENROLLMENT

S. No	Semester-I	Semester-III	Total
01	20	--	20

M.Phil/Ph.D

	M.Phil	Ph.D
Registered	Nil	03
Awarded	Nil	Nil

CURRICULAM**Semester I**

Classical Urdu Ghazal
Urdu Masnavi
Urdu Qasida
Urdu Marsiya

Semester II

Jadeed Urdu Ghazal
Jadeed Urdu Nazm
Urdu Novel
Urdu Afsana

Elective Courses

Mathematical Tools for RealWorld Problems
Soft Skills in Information Tech.
Computer Applications & Operations
Fundamentals of Biotechnology
Mysteries of Green Plants
Botany in Rural Development
Nutrition, Health & Hygiene
Fundamentals of Arabic Lang.
Applied English
Higher Education
Principles of Banking
Basics of Tourism and Travel Agencies
Tourism Resources of J&K
Business Communication & Soft Skills
Instructional Technology

Semester III

Urdu Nasr ki Tareekh
 Urdu Adab ki Tareekh
 Urdu Drama
 Urdu mein Adabi Tehreekat-o-Rujhanat

Electives

Special Study of Mir Taqi Mir
 Special Study of Allama Iqbal
 Special Study of Prem Chand
 Special Study of Sir Sayyed Tehreek
 Translation Urdu to English and Vice Versa

Semester IV

Ghair Afsanavi Nas'r
 Urdu mein Tehqeed-o-Tanqeed
 Urdu mein Taneesi Adab
 Zaraye Tarseel-o-Iblagh
 Project Report

INTAKE:

Intake	Admitted Male	Admitted Female	Total
20+10	09	11	20

CONFERENCES / SEMINARS / WORKSHOPS ATTENDED / PAPER PRESENTED BY FACULTY MEMBERS:

- Dr Anjum SK; One Day State level Seminar on **“Arabic and Urdu Short Story; Art and Technique”** organized by Department of Arabic BGSBU on 25 March 2018 and presented a paper entitled **“Origin and development of Arabic short story”**
- Dr Anjum SK; Two day International Seminar on Arabic Language in India; Past present and Future organized by Department of Arabic, JMI, King Abdullah b Abdul Aziz Centre Riyadh, AIAATS from 16-17 April 2017 and presented a paper entitled **“Contribution of BGSB University in promotion of Arabic in Pir Panjal Region”**
- Dr Anjum SK; Two Days International Seminar on **“Adabul Mahjar; Jawanib Ijtemaiyyah wa thaqafiyyah wa tarikhiyyah”** organized by Department of Arabic

University of Delhi from 17-18 March 2018 and presented a paper entitled **“Al Haneen fi al- Sher al- Arabi”**

- Dr Anjum SK; Two Days National Seminar on **“Khud Nawisht; Fan aur Rewayet”** organized by MANUU Lucknow Campus from 13-14 March 2018 and presented a paper entitled **“Umar Farrookh ki Khud Nawisht “Gubarus Sineen” Ka Tanqeedi Jayeza”**
- Dr Anjum SK; Two Days National Seminar on Relation between Noble Qur’an and Arabic Language: Revelation, Recitation and Translatability organized by Department of Arabic Govt. Degree College Pulwama Kashmir from 30-31 October 2017 and presented a paper entitled **“Quran E Karim ki Jamaliyat ke Asrar o Romooz”**
- Dr Anjum SK; One Day state level Seminar on Impact of Arabic on regional languages of Pir Pnajal organized by Department of Arabic BGSB University Rajouri on 11 April 2017 and presented a paper entitled Impact of English on Arabic Language.
- Dr Anjum SK; Two Days National Seminar on Translation of Arabic Sources into Indian Languages and Vice Versa organized by Department of Arabic University of Delhi from 8-9 March 2017 and presented a paper entitled Techniques of Translations from Arabic to Urdu
- Dr. Mani Mushtaq; Attended one day national seminar organized by P G College Mendhar (poonch) on 17 October 2017 presented a paper entitled **“Sarsayed Ahmed Khan Ki Fikri Nashonama”**
- Dr. Mani Mushtaq; Attended one day state level seminar on **“Arabic and Urdu Short Story; Art and Technique”** organized by the Department of Arabic and Urdu on 25 April 2018 and presented a paper entitled **“Urdu Afsane Ka Manzarnama”**
- Dr. Mani Mushtaq; Attended one day state level seminar on **“Arabic and Urdu Short Story; Art and Technique”** organized by the Department of Arabic and Urdu on 25 April 2018 and presented a short story entitled **“Sab ki maa”**

- Dr. Malik Asaf; Two Days International Urdu Conference organized by Department of Urdu Govt.P.G College Rajouri in collaboration with NCPUL held on 09th and 10th September 2017 and presented my paper on the topic **“Traqui Pasand Afsana Ki Asaas”**
- Dr. Malik Asaf; **“The Basic level workshop on Manuscript logy and Paleography”**. From 01-03-2012 to 22-03-2017 (Three weeks) Organized by:- the NATIONAL Mission for Manuscripts, New Delhi in Collaboration with P.G Department of Urdu University of Jammu , Jammu.
- Dr. Malik Asaf; Presented a Research paper on the Topic **“Khatoot Nigari Ki Khatam Hoti riwayat ke asbaab o awamil”** two days inter-national conference organized by the Department of Urdu university of jammu,jammu on 26-27 October 2017
- Dr. Nayyar Layaqat; Presented paper one day National Urdu Seminar on the topic **“Asare hazar main Afkar sir Sayyed ki mmanveyet”** at Govt Degree College Mendhar dated: 24 Oct 2017.
- Dr. Nayyar Layaqat; Attended one day state level seminar on **“Arabic and Urdu Short Story; Art and Technique”** organized by the Department of Arabic and Urdu on 25 April 2018 and presented a short story entitled **“Murda zinda hogya”**
- Shamsi Rizwana; Presented paper in one day interNational seminar entitled **“Rajouri main Islam ki Aamad Sufya Ikram ke Hawale Se”** held by Music Dept University of Allahabad on 8th February 2018
- Shamsi Rizwana; Attended one day state level seminar on **“Arabic and Urdu Short Story; Art and Technique”** organized by the Department of Arabic and Urdu on 25 April 2018 and presented a short story entitled **“Baghi Aurat”**

RESEARCH PUBLICATIONS

- Anjum S K; **Balaghat E Quran E Kareem**, (Urdu Translation from Arabic) Educational Publishing House, Lal Kuwan Delhi 6, 2018

- Anjum S K; **Tarekh E Adab E Arabi**, Urdu Translation from Arabic, No of Pages 321 ISBN No 978-93-87539-59-4 Educational Publishing House, Lal Kuwan Delhi 6, 2017
- Anjum S K; **Nash'at o Ilmil Balagha wa Tatauwuruhu Abral Usoor**, Al Tilmeez, Govt. of Jammu and Kashmir Higher Education Department, Srinagar (Vol 1 Issue 04) April 2018, Page No 23-38 ISSN No 2394-6628
- Anjum S K; **Umar Farookh Ki Khud Nawisht Ghubarus Sineen; Tajrebato Moshahidaat ke be missal motiyon ka lazawal samundar**, Majalla Afkar E Aliya, Mau Nath Bahnjan, April-June 2018 (vol;15 (02), Page No 21-27, ISSN No 2394-1820
- Anjum S K; Allama Abdul Aziz al Maimani, **Hindustan mein Arabi Adabiyyat ka be misaal mohaqqiq o Insha Pardaz**, Majalla Afkar E Aliya, Mau Nath Bahnjan, January March 2018 (vol;15 (01), Page No 22-36, ISSN No 2394-1820
- Anjum S K; **Tufaili, Maan na Maan Main Tera Mehmaan**, Monthly al-Ittehad, Mumbai , January 2018 Page No 14-18
- Anjum S K; Maulana Abul Kalam Azad, **Tareekh E Paidaish ka Ilmi Muhaakma, Majalla Tahreek E Adab**, October-December 2017, Vol;33 P No 22-27 ISSN 2322-0341, UBGC Approved Journal No 41078
- Anjum S K; **Imraul Qais ki Jamaliyat E She'r**, Majalla Tahreek E Adab, October-December 2017, P No13-21 Vol;33 ISSN 2322-0341, UBGC Approved Journal No 41078
- Anjum S K; **Ghalib aur Ghibal**, Urdu Duniya NCPUL, MHRD New Delhi, July-2017 (19/07) ISSN 2249-0630, Majalla Tahreek E Adab, October-December 2017, P No 28-31 Vol;33 ISSN 2322-0341, UBGC Approved Journal No 41078
- Anjum S K; **Qurán E Karim mein warid In Mukhaffafa Ke Tarjme Mein Kotahiyan, Majalla Ihtesab**, Jamia Islamia Daryabad, UP (October- November 2016-Jan-March 2017

- Impact of Arabic on Regional Language of Pir Panchal Region. **“Origin and Development of Urdu Language”** on 11-04-2017. Organised by Department of Arabic BGSB University Rajouri.
- Nayyar Layaqat Husain, **“Professor Shohab Inayat Malik Ka Tanqeedi Shaur”** Tehreek-eAdab Oct -2017 -ISSN- 2322-0341
- Nayyar Layaqat Husain, **“Krishan Chander Sawane ke chand pahloo”** Alami Intasab ,• Oct- Dec 2017-ISSN-2348-5035
- **“Tasawwuf aur Ghalib”** Urdu Quarterly Tahreek-e-Adab issue (31) April to June 2017-05-30, Vol: 8, ISSN -2322-0341; Urdu Ashiana 167, Afaq Khan ka Ahata, Manduadeeh Bazar Varanasi-221103 (UP) India.
- **“Faiz ki Shery jamaaliyat”** Tahreek –e Adab urdu Quartely-issue 32-volume 8,july – sept.2017(page No- 124-140) ISSN 2322-0341.
- **“Mazloom urdu Zaban”** Tahreek-e- Adab, Urdu Quartely-issue ----volume-08 – Nov – 2017 ISSN- 2322-0341
- **“Urdu Main Hamdia Shairey: Reyasat ke Tanaazur Main”** Volume 55 No – 6-7 June – July -2017 ISSN: 2277 – 9833 Published by Jammu & Kashmir Academy of Art, Culture and Languages Srinagar

AWARDS / APPRECIATION / HONORS TO FACULTY / STUDENTS IN ACADEMICS / RESEARCH ETC:

- Dr. Anjum SK: “Outstanding Researcher of the Year Award” (in Arts/ Management/ Social Sciences) Baba Ghulam Shah Badshah University Rajouri, 15 December 2017
- Dr Mushtaq Ahmad Wani received “Krishan chander Award” from ALMIGHTY International society (Regd.) Malerkotla (Punjab) on 03-04 Feb. 2018

LECTURES / TALKS / PRESENTATIONS DELIVERED BY FACULTY MEMBERS OUTSIDE UNIVERSITY:

- Dr. Anjum SK: Delivered extension lecture in the *National workshop organized by Unity Public School, Chennai Tamil Nadu on 18/11/2017 on the topic "Teaching Arabic Language using direct/ indirect methods (Pros and Cos)"*
- Dr. Anjum SK: Delivered extension lecture in the *Department of Islamic Studies, University of Kashmir on 13 June 2017 on the topic Early Development of Islamic religious sciences and Ajazul Quran*

MEMBERSHIP OF BOARDS / COMMITTEES OUTSIDE UNIVERSITY:

- Dr. Anjum SK; Member Advisory Board of the Monthly al- Tilmeez, (A peer reviewed Urdu journal of J&K govt. Higher Education Department, approved by UGC) From 2010 till date
- Dr. Anjum SK; Member Advisory Board of the Majalla Tahreek e Adab, Banaras (A peer reviewed Urdu journal approved by UGC)

MEMBERS OF BOARD OF RESEARCH STUDIES:

- Dr. Anjum SK; Member Board of Research Studies: (BORS) Department of Arabic, Baba Ghulam Shah Badshah University, (2017-18)

MEMBERS OF BOARD OF STUDIES

- Dr. Anjum SK; Member/ convener Board of Studies (BORS) Department of Arabic, Baba Ghulam Shah Badshah University, (2017-18)
- Dr. Anjum SK; Member/ convener Board of Studies (BORS) Department of Urdu, Baba Ghulam Shah Badshah University, (2017-18)

- Dr. Anjum SK; Member/ convener Board of Studies (BORS) Department of Arabic, Baba Ghulam Shah Badshah University, (2017-18)
- Dr. Mushtaq Wani, Department of Urdu (2017-18)
- Dr. Layaqat, Department of Urdu(2017-18)

DEPARTMENT OF ENGLISH

INTRODUCTION

Since the inception of the department in 2014, the Department of English has been engaged in imparting quality education, in keeping with the vision to bring enlightenment among the learners towards the peace, progress and prosperity. The major role in organizing English Studies in the University is to facilitate the learners of the region with the basic language skills besides acquainting them with the enlightenment of Literature. The Department has five Assistant Professors one Teaching Assistant and two Non Teaching members on its staff.

In view of the wide scope and importance of the English language and literature, particularly the aid it provides in gaining opportunities of employability, the Department has initiated a full time post-graduate programme in English extending over two years in four semesters. Research degree programme has also been commenced from June 2016.

The Department is keen to start some professional Certificate/Diploma courses including online Spoken English and phonetic transcription course in future.

FACULTY

Name of Faculty	Qualification	Designation	Specialization
Dr. Romina Rashid (Head)	M.A, SLET, Ph. D.	A.P.	Postcolonial Studies and British Literature
Ms. Mariya Aslam	M.A, SET, B. Ed	A.P.	Postcolonial Studies and Travel Literature
Dr. Shachi Sood	M.A, Ph. D	A.P.	Gender Studies, Indian Literature, Dalit Literature
Tanvir Ahmed	M.A, M. Phil, SET	A.P.	Poetry, Comparative Literature, Literary Theory & Criticism

Dr. Shah Sajad Hyder	M.A, B. Ed, Ph. D	A.P.	Spoken English, ELT, Phonetics, Translations, Poetry and Literary Criticism
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ENROLLMENT

Sem-I	Sem-II	Sem-III	Sem-IV	Total
31	---	29	---	60

M. Phil/ Ph. D

	M. Phil	Ph. D
Registered	----	04
Awarded	----	----

CURRICULAM

Semester – I

British Non-Fictional Prose
British Drama –I
British Poetry –I
British Novel-I

Semester – II

Literary Theory and Criticism-I
British Drama-II
British Poetry- II
(Open Elective/Common Course)
Applied English

Semester – III

Literary Theory and Criticism-II
Indian English Literature
Modern Poetry
British Novel-II

Semester – IV

Literary Theory and Criticism-III

American Literature
World Literature

Elective Courses

Literature in Translation
Literature and Gender

INTAKE

Intake	Admitted Male	Admitted Female	Total
25+15= 40	09	22	31

CONFERENCES / SEMINARS / WORKSHOPS ATTENDED / PAPER PRESENTED BY FACULTY MEMBERS

- Paper presented: Rashid, Romina. and Shah Sajad Hyder. ***“Impact of Vernaculars in Indian English Literature with special reference to Khushwant Singh’s Train to Pakistan”*** during National Conference on Interdisciplinary Sciences and Humanities on 22nd March 2018 at Govt. P G College Rajouri, J&K.
- Paper presented: Rashid, Romina. and Asma Zahoor. ***“Religion as a Neo Colonial Weapon of Oppression in Chimamanda Ngozi Adichi’s Purple Hibiscus”*** during Two Day International Conference on Religion, Literature and Culture on 15-16 September 2017 organised by Higher Education and Research Society Mumbai
- Paper presented: Rashid, Romina. ***“A Saga of the Suffering of Dalits in The God of Small Things”*** during Two Day national Seminar on Routing the Rootless; Exploring the Literatures of the Indigenous Cultures on 1st and 2nd Dec 2017 held at Govt. Degree College Udhampur.
- Presented a paper: Aslam, Mariya. ***“Live in Relationships and Literature: A Critical Study of Jude the Obscure”*** during One Day National Conference on Inter disciplinary sciences and humanities on 22nd March 2018 at Govt. P G College Rajouri, J&K.
- Paper presented: Aslam, Mariya. Tanvir Ahmed. on ***Stereotyping of Kashmiri’s in Character Building in Kashmir, during Two Day National Conference on Routing the***

Rootless; Exploring the Literatures of the Indigenous Cultures on 1st & 2nd Dec. 2017 held at Govt. Degree College Udhampur, J&K.

- Paper presented: Ahmed. Tanvir, Mariya Aslam on ***Revisiting Subaltern: A Study of Contemporary Feminist Discourse*** in one day National Seminar held at Department of English University of Jammu on 27th of July, 2017.
- Delivered Lecture: Ahmed. Tanvir on ***“Women and Challenges Ahead”*** on One Day Seminar on Emancipation of Women: Issues and Challenges on 8th of March 2018 at Govt Degree College Nwshera, Rajouri, J&K.
- Paper presented: Ahmed. Tanvir on “Eco-Critical Study of ***“The World is Too Much with Us.”*** During a One Day National Conference on National Conference on Inter disciplinary sciences and humanities on 22nd March 2018 held at PGSC Rajouri J&K.
- Presented a paper: Jaan, Yasmeena. and Shachi Sood. on ***“Role of Vernacular languages in Indian literature”*** in National conference on Interdisciplinary Sciences and Humanities on 22nd of March,2018.
- Presented a paper: Sood, Shachi. on ***“Voices of The Voiceless; A Comparative Study of African-American and Dalit Women Novelist’s with Special Reference to The Bluest Eye and The Prison We Broke”*** in International conference on Recent Advances in Languages, Literature and Social Sciences to be held on 17 February, 2018 at Maulana Abul Kalam Azad Research Centre, Aurangabad.
- Presented a paper: Sood, Shachi. on ***“Mapping Multiple Marginalities and Exploring Women’s World: A Feminist Study of P. Sivakam’s The Taming of Women”*** in 2 day National Conference on ***“Routing the Rootless: Exploring the Literatures of the Indigenous Cultures”*** organized by Department of English, Govt. Degree College, Udhampur on 1st and 2nd of December 2017
- Presented a paper: Sood, Shachi. Yasmeena Jaan and Samikhsha Sharma. on ***“A Journey from Religious Patriarchy to Religious Freedom”*** in Alice Walker’s ***“The Color purple”*** at International Conference held at Pune on September 2017

- Presented a paper: Sood, Shachi. on **“Dalit Woman talk Differently: A study of Baby Kamble’s autobiography The Prisons We broke”** in 2 day National Conference on Interdisciplinary Sciences and Humanities organised by Govt. PG college, Rajouri, J&K on 15th and 16th of March 2017.
- As a Resource Person conducted a Two Day ELT Workshop, **“Developing Pronunciation Skills”** in International conference on Recent Advances in Language, held on 12th to 14th of June 2017 at Islamia Faridiya College of Education, Kishtwar J&K.
- Paper presented: Shah Sajad Hyder on **“An Emerging Need to Develop artistic excellence through Translations”** in Two Day National conference on Routing the Rootless; Exploring the Literatures of the Indigenous Cultures on 1st & 2nd Dec. 2017 at Govt. Degree College Udhampur, J&K.

RESEARCH PUBLICATIONS

- Rashid, Romina. and Tanvir Ahmed. Kausar Jan: A Victim of conflict in Danesh Rana’s **Red Maize**. The Criterion: An International Journal in English Vol. 8, Issue-III, June 2017 ISSN: 0976-8165.
- Ahmed, Tanvir. and Dr Romina Rashid. Psychoanalytic Analysis of **My Little Boat** by Mariam Kareem. IJELLH.(International Journal of English Language, Literature and Humanities) Vol. V, Issue-VI, June 2017. Impact Factor 5.77
- Rashid, Romina and Tanvir Ahmed. **“The Quest for Identity in Mariam Karim’s My Little Boat.”** *Indian English Novels: Styles and Motives*. Etd by. Dipak Giri. March 2018.
- Aslam. Mariya. And Tanvir Ahmed. **“An Archetypal Study of “Dharna Kumar” “Dhanasar.”** Researchers World. Jan, 2018.
- Rashid, Romina. and Asma Zahoor. “Depiction of Religion as an Oppressive Weapon in Chimamanda Ngozi Adichi’s *Purple Hibiscus*.” **Post Colonial English Literature: Theoru & Practice.**” Etd by Dipak Giri. March 2018.

- Aslam, Mariya. **“Delineation & Warping of Islam & Hinduism in Biscoe’s travelogues.”** International Journal of English Language, Literature and Humanities. June 2017.
- Aslam, Mariya. and Tanvir Ahmed. **“An Archetypal Study of “Dharma Kumar” “Dhanasar.”** Researchers World. Jan 2018.
- Aslam, Mariya. **“A Critical Study of Mrs C. G. Bruce’s Peep at Many Lands Kashmir.”** The Creative Launcher. Feb. 2018.
- Sood, Shachi. **“Gender stereotyping in the Indian Cartoon characters”** published in a book titled, **“Dynamics of Children’s Literature”** edited by Nandini Sahu and Shyam Samtani ISBN-13:9788182904170. Year of Publication 2017. Chapter No. 8. Pages: 83 to 89.
- Sood, Shachi. Chapter titled, **“Tapping the Anxiety of the World of HIV Positives as a Subsumed Territory: A Feminist Study of Mahesh Dattani’s Ek Alag Mausam.”** accepted in the book titled **“Indian English Drama: Themes & Techniques”** published by Viswabharati Research Center, 2017
- Sood, Shachi. And Saleem Wani. Chapter titled, **“A House of my Own: A House of Mr. Biswas”** accepted in the book titled **“Indian English Novel: Styles and Motives”** published by Viswabharati Research Center. March, 2018
- Jan, Yasmeeena and Shachi Sood. **“Voices of The Voiceless; A Comparative Study of African-American and Dalit Women Novelist’s with Special Reference to The Bluest Eye and The Prison We Broke”** Chronicle of Humanities and Cultural Studies: A Bi-monthly Refereed International Journal ISSN-2458-5508 Volume 4, Issue 2, Feb 2018, Impact Factor:4.197. UGC Approved Journal No. 63716
- Jan, Yasmeeena and Shachi Sood. **“Lal Vakhs: A Study of Mystic Experience in the Selected Poems of Lal Ded.”** The Creative Launcher: An International, Refereed, Indexed, Peer Reviewed, Open Access E-Journal in English. ISSN- 2455-6580 Volume II Issue V December 2017. Impact Factor-3.9

- Sood, Shachi and Yasmeena Jan. **“Upsurges from the Margin: Oppression and Exploitation in Kamble’s The Prison We Broke.”** RESEARCH REVIEW International Journal of Multidisciplinary. ISSN: 2455-3085 (Online) *Volume-02 Issue-08 August-2017* . Impact Factor: 4.184
- Sood, Shachi, **“Gender Onstage: A Feminist Study of Mahesh Dattani’s Dance Like a Man,”** Contemporary Discourse: A Peer Reviewed International Journal. ISSN 0976-3686 Volume-8 • Issue-2 July, 2017 P.No. 097-102
- Sharma, Samikhsha. and Shachi Sood. **“Quest for self in Jeanette Winterson’s Oranges are Not the Only Fruit.”** Labyrinth An International Referred journal of Post modern Studies. ISSN No. 0976-0814. (Print) Volume 8 Issue No. 2 July,2017.
- Sood, Shachi. **“Echo of Socio-political Tones in Elizabeth Barrett Browning’s A Curse for a Nation.”** The Criterion: An International Journal in English. ISSN: 0976-8165.(Online) July 2017.
- Sood, Shachi. **“Untying the Tongue: The Trauma and Triumph in Mahesh Datani’s Final Solutions”** published in the book titled *Partition: A Divided Legacy* published by Adhyan Publishers and Distributors,New Delhi ISBN 978-81-8435-000-0, First Edition 2017. Chapter No 18 pp 222-235.
- Hyder, Shah Sajad. **“Upsurges from the Margin: Oppression and Exploitation in Kamble’s The Prison We Broke.”** RESEARCH REVIEW International Journal of Multidisciplinary. ISSN: 2455-3085 (Online) *Volume-03 Issue-1 Jan-2018*. Impact Factor: 4.184
- Hyder, Shah Sajad. **“An Emerging Need of Cybernetic Analysis in the Process of Teaching & Learning of English Language in Kashmir Province.”** The Creative Launcher: An International, Refereed, Indexed, Peer Reviewed, Open Access E-Journal in English. ISSN- 2455-6580 *Volume II Issue VI February 2018*. Impact Factor- 3.9

EMINENT VISITORS

Jb. Nisar Rahi Sahib visited the Department on December 06, 2017 and delivered a Lecture on the topic “Intellectual Journey of Writer”

ACTIVITIES

- Play on “Domestic Violence” 8th of March, 2017
- Painting Competition on “Feminism” on 30th March, 2017
- Elocution Competition on 21st April, 2017
- Display Your Talent on 21st of April, 2017
- Calligraphy Competition on 26th April, 2017
- Farewell Party on 2nd of May, 2017
- Conducted Symposium on 3rd of October 2017, in the Department of English on the Topic “Is Modern India, the India that Gandhi Ji Dreamt of?”
- Annual Day Celebration held in the Department on 13th of Dec. 2017
- Farewell Party Celebrated held in the Department of English on 11th of April, 2018

AWARDS/ APPRECIATION

- **ACADEMIC EXCELLENCE AWARD 2017** given to Miss Nikhat Fatima student of M.A English 4th Semester for her outstanding and consistent academic performance in 1st and 2nd Semester examinations.
- **EXCELLENCE AWARD 2017** given to Ms. Ahalam Farooq student of M.A English 4th Semester in recognition of her outstanding contribution active participation in the co-curricular activities.
- Appreciation: _Certificate of appreciation for outstanding services given to Mr. Mohd Rizwan working as Junior Assistant on Annual Day Celebration held in the Department on 13th of Dec. 2017
- Appreciation: _Certificate of appreciation for outstanding services given to Mr. Mohd Riaz Malik working as GDH on Annual Day Celebration held in the Department on 13th of Dec. 2017

MEMBERS OF BOARD OF RESEARCH STUDIES:

- Prof. Stanam Kour, Dept. of English, Jammu University
- Prof. G.M. Malik, Dean (School of Islamic Studies & Languages)
- Dr. Romina Rashid, (Head), Dept. of English

MEMBERS OF BOARD OF STUDIES:

- Dr. Romina Rashid
- Ms. Mariya Aslam
- Dr. Shachi Sood
- Mr. Tanvir Ahmed

SCHOOL OF EDUCATION

INTRODUCTION

The BGSB University has opened department of education in 2014, which started functioning from the academic session, August 2014. The Department of Education offering M.Ed Programme since the very first day of its establishment. The teaching profession is considered as the backbone of the entire educational edifice a country. Because education is the most powerful weapon which we can use to change the world. Generally, it is believed that no nation can develop without a good education system and no system is better than its teachers. We also believe that teachers are agents for change and meaningful change can only be brought in Education System through well versed teachers. The teachers who can develop creative educational material and coop with educational reforms. Primary objective of this department is dissemination of the professional skills and knowledge in the way that is ultimately needed for development of our country. Here we provide an inspiring environment to improve practices of teaching and examination. Furthermore, the department has been evolving and growing according to the social and technological changes in the society in general, and the educational environment in particular.

The BGSB University has opened department of education in 2014, which started functioning from the academic session, August 2014. The Department of Education offering M.Ed Programme since the very first day of its establishment. The teaching profession is considered as the backbone of the entire educational edifice a country. Because education is the most powerful weapon which we can use to change the world. Generally, it is believed that no nation can develop without a good education system and no system is better than its teachers. We also believe that teachers are agents for change and meaningful change can only be brought in Education System through well versed teachers. The teachers who can develop creative educational material and coop with educational reforms. Primary objective of this department is dissemination of the professional skills and knowledge in the way that is ultimately needed for development of our country. Here we provide an inspiring environment to improve practices of teaching and examination. Furthermore, the department has been evolving and growing according to the social and technological changes in the society in general, and the educational environment in particular.

The University has Launched Bachelor of Education (B. Ed) Programme

FACULTY

Name	Qualification	Designation	Specialization
Prof.G.M.Malik	Ph. D	Head and Dean	Sociological Foundations of Education, Philosophical Foundations of Education , Research Methodology
Dr. Nayyar Jabben	Ph. D, NET	A.P.	Measurement and Evaluation, Research Methodology, Statistics, Inclusive Education
Dr. Nasreen Qusar	Ph. D	A.P.	Research Methodology, Educational Technology, Philosophical Foundations of Education, Teaching Approaches and Strategies, Guidance and Counselling.
Dr. Azad Ahmad Andrabi	Ph. D, NET	A.P.	Educational Technology, Sociological Foundations of Education, Research Methodology.
Mrs. Sayema Kouser	MA, M. Ed	Teaching Assistant	Teacher Education, Guidance and Counselling, Educational Administration and Management
Mr. Mohammed Fareed	M.A ,B. Ed	Teaching Assistant	Inclusive Education, Educational Administration and Management, Higher Education
Ms. Rafia Khan	M.A ,B. Ed	Teaching Assistant	Statistics, Guidance and Counselling, Information and Communication Technology.

ENROLMENT

Semester I	Semester III	Total
17	23	40

M. Phil/ Ph. D

	M. Phil	Ph. D
Registered	01	02
Awarded	Nil	Nil

CURRICULAM**M. Ed Programme****Semester I**

Philosophical Perspectives of Education.
 Psychological Perspectives of Education.
 Development of Education System in India.
 Methodology of Educational Research.
 Practicals
 Self Development (Communication & Expository writing).
 Computer fundamentals and its application.

Semester II

Sociological Perspectives of Education.
 Teacher Education.
 Statistics in Education and Psychology.
 Comparative Education and Curriculum Development.
 Dissertations Work- I

Elective Courses

Mathematical Tools for Real World Problems.
 Soft Skills in Information Technology.
 Computer Applications & Operations.
 Fundamentals of Biotechnology.
 Mysteries of Green Plants.
 Botany in Rural Development.
 Nutrition, Health & Hygiene.
 Fundamentals of Arabic Language.
 Applied English.
 Higher Education.
 Principles of Banking.
 Basics of Tourism and Travel Agencies.
 Tourism Resources of J&K.
 Business Communication & Soft Skills.

Semester III

Educational Technology.
 Educational Measurement and Evaluation.
 Guidance and Counselling.
 Dissertation Work -II

Elective Courses

Secondary Education.
 Environmental Education.
 Higher Education.
 Gender Studies.
 Practicals
 Field Attachment/internship.

Semester IV

Educational Administration and Management.
 Information and Communication Technology (ICTs).
 Inclusive Education.
 Dissertation Work-III

Elective Courses

Peace Education.
 Early Childhood care and Education.
 History and Problems of Education in J&K.
 Mental Health and Education.

INTAKE

Intake	Admitted Male	Admitted Female	Total
50	04	13	17

NUMBER OF STUDENTS WHO QUALIFIED NET/SET/JRF

- 2017- 01

CONFERENCES / SEMINARS / WORKSHOPS ATTENDED / PAPER PRESENTED BY FACULTY MEMBERS

- Dr. Azad Ahmad Andrabi attended workshop as Resource Person on ICT based Learning and Professional Development on 12th of December 2017 organized by Central University of Jammu.

RESEARCH PUBLICATIONS

- Dr. Nayyar Jabeen **“Scientific Temper and Achievement among Tribal and Non-Tribal Students”** International Journal of Indian Psychology. Volume 4, issue 3, April-June 2017.
- Dr. Nasreen Qusar 01-03-2018 **“A Study of Self-Esteem and Study Habits among Secondary School Students”**. Journal of Education and Applied Sciences Research. impact Factor: 2.525 (ISSN-2349-4808).
- Dr. Nasreen Qusar 01-03-2018 **“A Study of Job Satisfaction among Male and Female Teachers of Government and Private Schools”** . Journal of Current Advanced Research. Impact Factor: 2017:6.614 (ISSN-2319-6505).
- Dr. Azad Ahmad Andrabi **“Scientific Temper and Achievement among Tribal and Non-Tribal Students”** International Journal of Indian Psychology. Volume 4, issue 3, April-June 2017.

EMINENT VISITORS

Prof. M. A. Khan (Head and Dean Department of Education University of Kashmir)

OTHER ACTIVITIES

- Cultural Activities during Departmental Functions.

MEMBERS OF BOARD OF RESEARCH STUDIES

- Prof. G. M. Malik
- Dr. Romina Rashid
- Dr. Nayyar Jabben
- Dr. Nasreen Qusar
- Dr. Azad Ahmad Andrabi

MEMBERS OF BOARD OF STUDIES

- Prof. Lokesh. K. Verma
- Prof. G. M. Malik
- Dr. Romina Rashid
- Dr. Nayyar Jabben
- Dr. Nasreen Qusar
- Dr. Azad Ahmad Andrabi

SCHOOL OF BIOSCIENCES & BIO-TECHNOLOGY

CENTRE FOR BIODIVERSITY STUDIES

DEPARTMENT OF BIOTECHNOLOGY

INTRODUCTION

Department of Biotechnology, BGSBU offers Masters programme of two years duration spread over four semesters. The programme is fully funded by Department of Biotechnology (DBT), Govt. of India. Each student receives a stipend of Rs. 5000/month and a lump-sum grant of Rs. 50000 for undertaking project work in the final semester. The first three semesters are devoted to course work, which is imparted through 21 theory and 07 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 and dissertation. Department also admits students to conduct research leading to M.Phil and Ph.D. degree in Biotechnology.

FACULTY

Name	Qualification	Designation	Specialization
Dr. Asgar Ali Shah	Ph. D	Associate Professor	Nematology
Dr. Tanvir-Ul-Hassan Dar	Ph. D	Assistant Professor	Plant Molecular Biology
Dr. Raja Amir Hassan	Ph. D	Assistant Professor	Molecular Genetics & Clinical Biochemistry
Dr. Saima Aslam	Ph. D	Assistant Professor	Molecular Parasitology and Cell Signalling
Dr. Shoeb Ahmad	Ph. D	Assistant Professor	Protein chemistry
Mr. Raqeeb Ahmad	M.Sc. & M.Phil	Contractual Assistant Professor	Molecular Nematology

ENROLLMENT

Semester II	Semester IV	Total
14	8	22

M.PHIL/ PH. D

	M.Phil	Ph. D
Registered	Nil	4
Awarded	2	Nil

CURRICULAM**Semester I**

Plant Bioresources
 Animal Bioresources
 Cell Biology
 Biomolecules
 Industrial Biotechnology
 Molecular Biology
 Laboratory Courses
 Lab Course based on Bio- 150 and Bio- 151
 Lab Course based on Bio-152 & Bio -155
 Lab Course based on Bio- 153 and Bio- 154

Semester II

Enzymology & Biochemical Techniques
 Bioenergetics & Metabolism
 Characterization, Evaluation and Exchange of Bioresources
 Bioinformatics & Biostatistics
 Genomics & Functional Genomics
 Open Choice Elective courses
 Mathematical Tools for Real World Problems
 Soft Skills in Information Technology
 Computer Applications and Technology
 Fundamentals of Biotechnology
 Mysteries of Green Plants
 Botany in Rural Development
 Fundamentals of Arabic Language
 Applied English
 Higher Education
 Principles of Banking
 Basics of Tourism and Travel Agencies
 Tourism Resources of J&K

Business Communication and Skills
 Instructional Technology
 Laboratory Courses
 Lab Course based on Bio- 250 and Bio- 251
 Lab Course based on Bio-252, Bio-253, & Bio-254

Semester III

Animal Biotechnology
 Plant Biotechnology
 Bioresources: Assessment, Threats and Conservation
 Biology of Immune system
 Genetic Engineering
 Choice based Complimentary Electives
 Crop Biotechnology
 Signal Transduction and Cancer Biology
 Genetics and Genetic Disorders
 Laboratory Courses
 Lab Course based on Bio- 353 and Bio- 354
 Lab Course based on Bio-350, Bio-351,
 Bio-352 and
 Bio-355/356/357

Semester IV

Dissertation

INTAKE

Intake	Admitted Male	Admitted Female	Total
14	04	10	14

NUMBER OF STUDENTS WHO QUALIFIED NET/ SET/ JRF

2016	2017
2	1

CONFERENCES / SEMINARS / WORKSHOPS ATTENDED / PAPER PRESENTED BY FACULTY MEMBERS

- Dr. Tanvir-UI-Hassan Dar participated and presented poster in the National Seminar on **“Ethnobotany and Traditional Knowledge in Biodiversity Conservation”** held at Department of Botany, BGSB University, Rajouri from March 8-9, 2018.
- Dr. Tanvir-UI-Hassan Dar participated and delivered lecture in National Training Workshop on **“Plant Taxonomy: Principles and Practices”** held at the Centre for Biodiversity and Taxonomy, Department of Botany, University of Kashmir, Srinagar, from 27th to 29th March, 2017.
- Dr. Tanvir-UI-Hassan Dar participated and presented research paper in *12th JK Science Congress 2017* held at University of Jammu from March 2-4, 2017.
- Dr. Raja Amir participated in the National Seminar on **“Ethnobotany and Traditional Knowledge in Biodiversity Conservation”** held at Department of Botany, BGSB University, Rajouri from March 8-9, 2018.
- Dr. Saima Aslam participated in the National Seminar on **“Ethnobotany and Traditional Knowledge in Biodiversity Conservation”** held at Department of Botany, BGSB University, Rajouri from March 8-9, 2018.
- Dr. Shoeb Ahmad participated in *Short Term Training Course on “Current Trends in Protein Chemistry relevant to Biological Sciences”* sponsored by Department of Biotechnology, Ministry of Science and Technology, Govt. of India, New Delhi and Organized by Interdisciplinary Biotechnology Unit, Aligarh Muslim University, Aligarh during November 7 – 23, 2017.
- Dr. Shoeb Ahmad participated in two day **“National Seminar on Ethnobotany and Traditional Knowledge in Biodiversity Conservation”** organized by Department of Botany, BGSB University, Rajouri from March 8 – 9, 2018.

RESEARCH PUBLICATIONS

- Dar TH and Rehman R. (2018). ***Polyploidy: Recent Trends and Future Perspectives*** Publisher: Springer India DOI 10.1007/978-81-322-3772-3.

- Dar TH, Shakeel R, Verma S (2018). Comparative Germplasm Characterization of Maize (*Zea mays* L.) in Rajouri Region of Pir Panjal Himalaya J&K (India), based on Morphological and ISSR Markers. ***Journal of Crop Science and Biotechnology***, 21: 43-55.
- Rasheed S, Khuroo AA, Ganie AH, Mehraj G, Dar TH, Dar GH (2018). Correct taxonomic delimitation of *Nasturtium microphyllum* Rchb. From *Nasturtium officinale* R. Br. (Brassicaceae) in Kashmir Himalaya, India. ***Journal of Asia-Pacific Biodiversity***, 11: 154-157.
- Dar TA, Uddin M, Ali A, Khan MMA, Dar TH (2017). Understanding the Dynamics of Phosphorus Starvation and Plant Growth. In: M. Naeem et al. (eds.), ***Essential Plant Nutrients***, pp. 147-154. Springer international publishing AG. DOI 10.1007/978-3-319-58841-4-7.
- Wani A, Zargar SA, Malik AH, Kashtwari M, Nazir M, Khuroo AA, Ahmad F, Dar TH (2017). ***Assessment of variability in morphological characters of apricot germplasm of Kashmir, India***. *Scientia Horticulturae*, 225: 630-637.
- Dar TH, Raina SN and Goel S (2017). Cytogenetic and molecular evidences revealing genomic changes after autopolyploidization: A case study of synthetic autotetraploid *Phlox drummondii* Hook. ***Physiology and Molecular Biology of Plants***, 23: 641-650.
- Shah AA, Allie KA, Vaid S, Handoo ZA. (2018). Description of ***Loffienema dhanoriensis*** gen. n., sp. n. (Nematoda: Rhabditidae) from Jammu and Kashmir State, India. *Zootaxa*. 4402(1):189-194.
- Raja A.H Kuchay (2017). A review of complementary therapies for chemotherapy induced gastrointestinal mucositis. ***Drug Discoveries & Therapeutics***. 10(6):292-299.

EMINENT VISITORS

- **Dr. Priyanka Agnihotri**, Scientist C, NBRI, Lucknow.
- **Prof. Arif Ali**, Emeritus Professor, Jamia Milia Islamia, New Delhi.
- **B.A Kirmani**, Retired Chief Justice, J & K High court.
- **Khursheed Ahmad Ganie**, IAS, Chairman State Vigilance Commission, J & K.

FINANCIAL ASSISTANCE PROVIDED FROM NATIONAL/ INTERNATIONAL AGENCIES:

Title of ongoing Project	Funding Agency	Amount Sanctioned (INR)
1. Elucidate the role of calcium and calcium binding proteins of <i>Entamoeba histolytica</i> in the nucleus.	DST	1972000
2. Molecular mechanisms mediating protective effect of <i>Mentha longifolia</i> and <i>Mentha arvensis</i> against chemotherapy induced gastrointestinal mucositis in animal models.	UGC	600000

OTHER ACTIVITIES

- Foundation Day Celebration.
- Swachh Bharat Abhiyan (SBA) campaign

AWARDS / APPRECIATION / HONOURS TO FACULTY / STUDENTS IN ACADEMICS / RESEARCH ETC.

- Dr. Asgar Ali Shah received Best Researcher of the Year Award from BGSB University.
- Dr. Raja Amir awarded Indo-Israeli Visiting Researcher Fellowship to Department of Genetics, Hebrew University Jerusalem by Ministry of Human Resources and Development (MHRD), India (session 2017-2018).

LECTURES/ TALKS / PRESENTATIONS DELIVERED BY FACULTY MEMBERS OUTSIDE UNIVERSITY.

- Dr.Tanvir-UI-Hassan Dar delivered lecture in National Training Workshop on "*Plant Taxonomy: Principles and Practices*" held at the Centre for Biodiversity and Taxonomy, Department of Botany, University of Kashmir, Srinagar, from 27th to 29th March, 2017.

DEPARTMENT OF BOTANY

INTRODUCTION

The Department of Botany was established in 2014 to meet the aspirations of the students of J&K in general and Rajouri-Poonch region in particular and also to train them to understand and practice various aspects of plant sciences. Courses were designed to take care of both the classical and contemporary aspects of Botany. Within a short span, the Department has earned a name as an important centre of studies in Plant Sciences in the country.

The hard work put in by the teachers and the students started yielding dividends right from the very beginning. The students have started qualifying CSIR-NET. The department has the expertise and infrastructure to help students opt for getting advanced training in many areas of specialization such as Plant Biotechnology, Cell and Molecular Biology, Bacteriology, Plant Physiology, Forest Ecology, Biodiversity Conservation, Taxonomy, Cytogenetics, Mycology, Reproductive biology, Lichenology, and Ecology & Environmental Biology. With the help of grants received from various funding agencies (DBT, MoEFC&C, GBPIHED, NMPB, etc.) the department is in a position to help the students unravel the intricacies of plant life even at the molecular level. Research projects worth crores of rupees are presently running in the department.

The Department has also completed some consultancy projects successfully. The department houses herbarium focusing on the plant diversity of the Pir Panjal and surrounding areas. Lead Botanic Garden, Herbal Garden, Lichen grove and fernery are the main attractions of the department. Lead Botanic Garden of Department of Botany has been registered as a participant in the world wide implementation of the International Agenda in support of plant conservation, environmental awareness and sustainable development by Botanic Gardens Conservation International based at Kew, London, UK.

FACULTY

Name	Qualification	Designation	Specialization
Dr. Susheel Verma	Ph.D.	A.P.	Conservation Biology
Dr. Shreekar Pant	Ph.D.	Senior Assistant Professor	Floristics, Forest Ecology and Ethnobotany
Dr. Mamta Bhat	Ph. D	A.P.	Lichen Taxonomy and Environmental Biology
Dr. Mohd Asgher	Ph.D.	A.P.	Plant Physiology and Biochemistry
Dr. Arif Tasleem Jan	Ph.D.	A.P.	Cell and Molecular Biology
Dr. Mohd Hanief	Ph.D.	A.P.	Ecology

ENROLLMENT

Semester I	Semester II	Semester III	Semester IV	Total
34	34	23	23	57

M.Phil/ Ph. D

	M.Phil	Ph. D
Registered	01	03*
Awarded	-	01

CURRICULUM**M.Sc Botany****Semester I**

Algae & Lichens: Structure and diversity
 Bryophytes and pteridophytes: Structure and diversity
 Anatomy & Developmental Biology of Angiosperms
 Bot 153 Cell Biology
 Molecular Biology

Lab courses

Lab course based on Bot 150, Bot 151 & Bot 152

Lab course based on Bot 153 & 154

Semester II

Gymnosperms: Structure and diversity

Mycology and plant pathology

Plant Taxonomy

Bacteria and Viruses: Structure and Diversity

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

Mathematical Tools for RealWorld Problems

Soft Skills in Information Tech.

Computer Applications & Operations

Fundamentals of Biotechnology

Nutrition, Health & Hygiene

Fundamentals of Arabic Language

Applied English

Higher Education

Principles of Banking

Basics of Tourism and Travel Agencies

Tourism Resources of J&K

Business Communication & Soft Skills

Instructional Technology

Lab courses

Lab course on Bot 250 and Bot 252

Lab course on Bot 251 and Bot 253

Semester III

Cytology and Cytogenetics

Reproductive Biology of Angiosperms

Plant Resources and Utilization

Biostatistics & Bioinformatics

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

Recombinant DNA Technology

Forest Ecology - I

Plant Biotechnology - I

Biodiversity and Conservation - I

Lab courses

Lab course based on Bot 350, Bot 351 and Bot 352

Lab course based on Bot 353 and Bot 354/355/356/357

Semester IV

Ecology & Environmental Biology

Plant Physiology and Biochemistry

Biotechnology and Genetic Engineering of plants and microbes
Dissertation

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

Stress Biology

Forest Ecology - II

Plant Biotechnology - II

Biodiversity and Conservation - II

Lab courses

Lab course based on Bot 450, and Bot 454/455/456/457

Lab course based on Bot 451 & Bot 452

INTAKE

Intake	Admitted Male	Admitted Female	Total
40	08	26	34

NUMBER OF STUDENTS WHO QUALIFIED NET/ SET/ JRF

2016	2017
01	01

CONFERENCES / SEMINARS / WORKSHOPS ATTENDED / PAPER PRESENTED BY FACULTY MEMBERS

- Shreekar Pant attended National Conference on Advances in Basic and Applied Sciences, held at Career Point University, Hamirpur in collaboration with ICMR, New Delhi from April 7-8, 2017 and presented paper entitled ***Population ecology of Podophyllum hexandrum Royle: endangered medicinal plant in Suru Valley, Ladakh, Jammu & Kashmir, India***
- Mamta Bhat Attended Refresher course in Life Sciences organized by Department of Biotechnology, University of Jammu, Jammu, March 6, 2017 – March 27, 2017.
- Mamta Bhat attended International Conference on Architecture, Civil and Environmental Engineering (ACEE) 2017 organised by Krishi Sanskriti at JNU, New Delhi and presented paper entitled, ***“Geographical Information System: an important tool in environmental engineering”*** at June 11th, 2017.

- Mamta Bhat attended One day Pre Conference Workshop on Molecular Systematics of lichens organized by Indian Lichenological Society, at CSIR NBRI, Lucknow, January 26th, 2018.
- Mamta Bhat attended Two Days National Conference at Govt Degree College Thannamandi, Rajouri and presented a Paper entitled, "**Lichen diversity of Rajouri district of Jammu and Kashmir**" on March 19th – 20th, 2018.
- Mohd Asgher attended National Seminar on Recent Advances in Environmental Toxicology held at Jamia Millia Islamia New Delhi from Feb 13-14 2017 and presented paper entitled **Cadmium tolerance in mustard cultivars: dependence on proline accumulation and Nitrogen assimilation**.
- Arif Tasleem Jan attended international conference of Korean Society of Molecular and Cell Biology and presented a paper on, "**Mechanistic insights into amelioration of muscular dystrophies by natural compounds**" during Sept 12-14, 2017 at COEX, South Korea.
- Arif Tasleem Jan attended international conference of Korean Society of Molecular and Cell Biology and presented a paper on, "**MuscleDB: A database for gene involved in muscle development**" during Sept 12-14, 2017 at COEX, South Korea.
- Arif Tasleem Jan attended international conference of Korean Society of Molecular and Cell Biology and presented a paper on, "**Identification of novel inhibitors for GAPDH for treatment of multi-neurodegenerative diseases through pharmacophore modeling and docking approach**" during Sept 12-14, 2017 at COEX, South Korea.

RESEARCH PUBLICATIONS

- Anjum, S., Pant, Shreekar and Khullar, S.P. 2017. "**Lygodium japonicum (Climbing Fern) – New Distribution Record From Jammu, India**". Indian Fern Journal. 34: 36-39, (ISSN-0970-2741).

- Anjum, S., Pant, Shreekar and Khullar, S.P. 2017. **“Pteridophytic Flora of District Rajouri, Jammu and Kashmir, India”**. Indian Fern Journal. 34: 186-195, (ISSN-0970-2741)
- Asgher, M., Per, TS., Masood, A., Fatma, M., Freschi, L., Corpas FJ., Khan NA 2017. **“Nitric Oxide Signaling and its Crosstalk with Other Plant Growth Regulators in Plant Responses to Abiotic Stress”**. Environmental Science and Pollution Research 24:2273–2285 (Impact factor 2.76)
- Asgher, M., Per, TS., Verma, S., Khan, MIR., Masood, A and Khan, N.A. 2017. **“Contribution of Glutathione in Heavy Metal Stress Tolerance in Plants. In: Dr. M. Iqbal R. Khan and Dr. Nafees Khan, Reactive Oxygen Species and Antioxidant System”**. In Plants: Role and Regulation under Abiotic Stress. Springer Nature Singapore Pte Ltd. pp 297-313.
- Azam, M., Jan, A.T., Siddiqui, K., Choi, I and Haq, Q.M.R. 2017. **“Study of pan drug resistant E. coli isolate from anthropogenically influenced Delhi stretch of river Yamuna”**. Brazilian Journal of Microbiology. (Accepted). (IF 1.091)
- Azam, M., Sultan, I., Jan, A.T and Haq, Q.M.R. 2018. **“Study on diversity in the prevalence of extended spectrum β -lactamases (ESBLs): An Indian scenario”**. Current Drug Metabolism. (Accepted) (IF 2.659)
- Baig, M.H., Jan, A.T., Rabbani, G., Ahmad, K., Lee, E.J and Choi, I. 2017. **“Methylglyoxal and AGEs: Insights into regulatory machinery affecting myogenic program and amelioration by natural compounds”**. Scientific reports 7: 5916. (IF 4.258; Nature publishing group)
- Dar, T.H., Shakeel, R. and Verma, S. 2018. **“Comparative Germplasm Characterization of Maize (Zea mays L.) in Rajouri Region of Pir Panjal Himalaya J & K (India), based on Morphological and ISSR Markers”**. Journal of Crop Science Biotechnology 21: 43. <https://doi.org/10.1007/s12892-017-0128-0>
- Jan, A.T. 2017. **“Outer membrane vesicles (OMVs) of Gram negative bacteria at the interphase of host-pathogen interaction”**. Frontiers in Microbiology. (IF

- 4.076)
- Jan, A.T., Azam, M., Rahman, S., Lee, E.J., Haq, Q.M.R and Choi, I. 2017. ***“Perspective Insights into Disease Progression, Diagnostics, and Therapeutic Approaches in Alzheimer's Disease: A Judicious Update”***. Frontiers in Aging Neurosciences. (IF 4.504)
 - Jan, A.T., Lee, E.J., Baig, M.H., Ahmad, K., Rabbani, G and Choi, I. 2017. ***“Fibromodulin and regulation of the intricate balance between myoblast differentiation to myocytes or adipocyte-like cells”***. The FASEB Journal. (IF 5.498)
 - Jan, A.T., Malik, M.A., Rahman, S., Abdullah, T.S., Lee, E.J and Choi, I. 2017. ***“Perspective Insights of Exosomes in Neurodegenerative Diseases: A Critical Appraisal”***. Frontiers in Aging Neurosciences. (IF 4.504)
 - Khan, N and Jan, A.T. 2017. ***“Towards identifying protective B-cell epitopes: The PspA story”***. Frontiers in Microbiology. doi.org/10.3389/fmicb.2017.00742 (IF 4.076)
 - Lee, E.J., Pokharel, S., Jan, A.T., Galope, R., Nahm, S.S., Kim, Y.W., Park, S.Y and Choi, I. 2017. ***“Transthyretin: A Transporter Protein Essential for Cell Cycle Progression of Satellite cells in the Myogenic Program”***. International Journal of Molecular Science. 18 (1): E115 (IF 3.226)
 - Marbanjang, E. J., Venugopal, N., Verma, S., Raina, R., Khajuria, A and Gautam, K 2018. ***“Floral biology and embryological studies are important for conservation of threatened plants having reproductive bottlenecks: a case study of Illicium griffithii”*** Hook. F. & Thomson. *Current Science* 114 (Impact factor 0.843)
 - Minakshi, R., Rahman, S., Jan, A.T., Archana, A and Kim, J. 2017. ***“Implications of ageing and endoplasmic reticulum unfolded protein response (UPR) in the molecular modality of breast cancer”***. Experimental Molecular Medicine 49: e389. (IF 5.164; Nature publishing group)

- Rabbani, G., Baig, M.H., Jan, A.T., Lee, E.J and Choi, I. 2017. **“Binding of erucic acid with human serum albumin using spectroscopic and molecular docking study”**. International Journal of Biological Macromolecules. <https://doi.org/10.1016/j.ijbiomac.2017.04.051> (IF 3.671)
- Rahman, S., Archana, A., Jan, A.T and Minakshi, R. 2018. **“Dissecting endoplasmic reticulum unfolded protein response (UPRER) in managing clandestine modus operandi of Alzheimers disease”**. Frontiers in Aging Neurosciences. (IF 4.504)
- Rahman, S., Jan, A.T., Ayyagari, A., Kim, J and Minaksh, R. 2017. **“Entanglement of UPRER in aging driven neurodegenerative diseases”**. Frontiers in Aging Neurosciences. (IF 4.504)
- Semwal, P., Palni, L.M.S., Verma, S, Sharma, P and Thapliyal A. 2018. **“Nutrient Analysis of Rhizospheric and Non-Rhizospheric Soil of Saussurea obvallata (DC.) Edgew. (Brahma Kamal) from Kedarnath, Uttarakhand, India”**. J. Graphic Era Univ. Vol. 6:1-6 ISSN : 0975-1416 (Print) 2456-4281 (Online)
- Sharma, B., Rasool, S. and Shreekar P. 2017. **“Pistacia integririma Stewart et Brandis: A less Known High Value Medicinal Plant”**. International Journal of Phytomedicines. 9: 390-393, (ISSN-0975-0185).
- Tsewang, R and Pant, S. 2017. **“Population Ecology, Ethnobotany and Distribution of Podophyllum Hexandrum Royle an Endangered Medicinal Plant In Suru Valley, Ladakh, Jammu & Kashmir, India”**. Indian Forester. 143: 1280-1283, (ISSN- 0019-4816).
- Virbala, S and Pant, S. 2017. **“Weed as Underutilized Bio-resource and Management Tool: A Comprehensive Review”**. Waste and Biomass Valorization. (ISSN-1877-2641) DOI: 10.1007/s12649-018-0212-2 (published online).

EMINENT VISITORS

- **Prof. R.N Gohil** FNASc, Retd. Professor of Botany visited the Department on March 08, 2018 and delivered lecture on “Biodiversity and Ethnobotany: A troubled wedlock”.
- **Shri O.P. Sharma Vidyarathi** IFS, Add. PCCF, J&K Govt., visited the Department on March 08, 2018 and delivered lecture on “Ethnobotany of wild edibles and value addition as per SDG2030”.
- **Prof. Y.P Sharma**, former Head, Department of Botany, University of Jammu visited the Department on March 08, 2018 and delivered lecture on “Edible mushroom wealth of J &K”.
- **Dr. Anzar Khuroo**, Department of Botany, Kashmir University, Srinagar, visited the Department on March 08, 2018 and delivered lecture on “Ethnomedicinal flora of Jammu and Kashmir state: Diversity, distribution and conservation”.
- **Prof. P.L Uniyal**, Department of Botany, University of Delhi, visited the Department on March 09, 2018 and delivered lecture on “Potential effect of disturbances on the survival of medicinal plants and formulation of conservation & reintroduction strategies”.
- **Dr. Brij Lal**, Scientist F, CSIR-IHBT, Palampur, visited the Department on March 09, 2018 and delivered lecture on “Plant resources sustaining livelihood of the indigenous people in HP: An appraisal”.
- **Prof. H.S Kiran**, former Retired Professor of Botany, visited the Department on March 09, 2018 and delivered lecture on “Taxo-ethanbotany of *Ranunculus laetus* (*Ranunculaceae*): A miracle herb for treatment of Aalopecia areata”.

FINANCIAL ASSISTANCE PROVIDED FROM NATIONAL/ INTERNATIONAL AGENCIES

Title of ongoing Project	Funding Agency	Amount Sanctioned
Preventing extinction and improving conservation status of threatened plants through application of biotechnological tools	Department of Biotechnology Govt. of India, New Delhi	Rs. 48.00 Lacs
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	Department of Biotechnology Govt. of India, New Delhi	45.66 Lacs
Proteomic investigation of ethylene and polyamine mediated reversal of chromium induced photosynthetic inhibition in <i>Brassica juncea</i> "	Department of Science and Technology	19.20 Lacs
Nitric oxide and polyamine mediated reversal of low temperature-induced photosynthetic inhibition in <i>Lycopersicon esculentum</i>	UGC New Delhi	10 Lacs
Bioactivity of secondary metabolites and thallus extracts from lichens against pathogens	Department of Biotechnology, Ministry of Science and Technology, Govt. of India	Rs 8.00 Lacs

OTHER ACTIVITIES

- Organized two days National Seminar on Ethnobotany and Traditional Knowledge in Biodiversity Conservation in collaboration with ICSSR, New Delhi on March 8-9, 2018
- 13th foundation Day was Celebrated in the Department by organizing a photographic competition among research scholar and Students, Plant Bioresources based exhibition and nature trail for students of schools on 14th of December, 2017.
- A series of Capacity Building Programmes was organized for rural women of Dhanore on:
 - February 17, 2017
 - February 22, 2017
 - March 11, 2017
 - March 22, 2017
 - May 11, 2017
 - November 11,2017
 - November 14,2017
 - November 17, 2017
 - December 15, 2017

AWARDS / APPRECIATION / HONOURS TO FACULTY / STUDENTS IN ACADEMICS / RESEARCH ETC.

Bilal Ahmad Guru, M.Sc. IV semester student of Department of Botany presented a research paper in two days National Seminar on Ethnobotany and Traditional Knowledge in Biodiversity Conservation in collaboration with ICSSR, New Delhi on March 8-9, 2018 and got second best poster presentation award.

LECTURES / TALKS / PRESENTATIONS DELIVERED BY FACULTY MEMBERS OUTSIDE UNIVERSITY.

- Dr. Susheel Verma presented Reproductive success Vis a Vis male function in *Berberis lycium* Royle, a very high medicinally important species in 12th J&K Science Congress held at University of Jammu w.e.f 2-4th March, 2017.
- Dr. Susheel Verma presented Reproductive Biology: Bedrock for Conservation of threatened plant species in 2-day National Conference on Interdisciplinary Sciences and Humanities held at Govt. Post Graduate College, Rajouri w.e.f 15-16 March.
- Dr. Susheel Verma presented Relevance of Study of reproductive Biology with Respect to Conservation of Threatened Plants in Summer School Programme on Trends in Plant reproductive Biology and Future Perspectives held at Hans Raj College, University of Delhi w.e.f .29.5.2017-2-06-2017.
- Dr. Shreekar Pant presented Key Note lecture in the seminar on “Role of Forests in Climate Change Mitigation and Water Conservation and Celebration of International Day of Forests and World Water Day-2018 organized by Jammu and Kashmir Youth Development Organization (JKYDO) at HEM Rajouri on March 24, 2018.
- Dr. Mamta Bhat delivered extension lecture on “People and Environment” during NSS Winter Camp on January 4th, 2018 at Govt. Degree College, Thannamandi, Rajouri.
- Dr. Mamta Bhat delivered invited lecture on “Lichens and human welfare” during National Conference on Current Developments and next generation Lichenology organized by Indian Lichenological Society, CSIR – NBRI Lucknow, January 27th – 28th, 2018.

MEMBERSHIP OF BOARDS/ COMMITTEES OUTSIDE UNIVERSITY

- Dr. Mamta Bhat - Member of Organizing Committee as Programme Coordinator during National Seminar on Forest Resources: conservation, issues and management organized by Social Environmental and Biological Association held

at Indian Institute of Chemical Engineers, Jadavpur University Campus Gate no. 03, Jadavpur University, Kolkatta 700 032, September 9th, 2017.

MEMBERS OF BOARD OF RESEARCH STUDIES

- Dr. Susheel Verma

MEMBERS OF BOARD OF STUDIES

- Dr. Susheel Verma
- Dr. Shreekar Pant
- Dr. Mamta Bhat

DEPARTMENT OF ZOOLOGY

INTRODUCTION

P.G programme in Zoology was started in the year 2014 under School of Biosciences and Biotechnology, Centre for Biodiversity Studies with Dr. A.A. Shah as its first coordinator. Department is immensely contributing in the field of Parasitology, Nematology, Entomology, Molecular Biology, Biodiversity and Toxicology etc. The current intake of department is 40 students in M.Sc. course. So far, this department has produced two Ph.D. scholars. Currently, seven Ph. D & four M. Phil scholars are pursuing their degrees in the department.

Also, seven teachers are contributing in the field of academics and research in this department. The department has successfully completed four externally funded projects and currently three projects sponsored by Department of Biotechnology (DBT), National Mission for Himalayan Studies, Ministry of Environment, Forest and Climate Change (NMHS-MoEF) Government of India and University Grant Commission with projects cost of about 1.30cr are being implemented in the department.

The strength of the department lies in its highly qualified & devoted teaching staff, diverse research interest in basic, applied & molecular sciences, modern teaching aids along with dedicated research scholars. The goal of the department is to contribute in the faunal biodiversity study of Jammu and Kashmir, Himalaya in general and Pir Panjal range in particular.

FACULTY

Name	Qualification	Designation	Specialization
Dr.A.A.Shah	Ph.D.	A.P.	Nematology
Dr. M.A. Hannan Khan	Ph.D.	A.P.	Parasitology
Dr. Mohd Salim Reshi	Ph.D.	A.P.	Toxicology & Pharmacology
Dr.Sajad Hussain Parey	Ph.D.	A.P.	Entomology

Dr. Sajad Ahmad Khan	Ph.D.	A.P.	Entomology
Ms. Shahnaz Anjam	M.Sc.	A.P.	Entomology
Dr. Javeed Ahmad	Ph.D.	Assistant Professor (Contractual)	Human Genetics

ENROLMENT

Semester II	Semester IV	Total
40	30	70

M.Phil/Ph.D.

	M.Phil.	Ph.D.
Registered	04	07
Awarded	01	02

CURRICULAM

Semester I

Principles of Animal Taxonomy
 Animal Resources and their utilization
 Invertebrates: structure and function
 Cell Biology
 Molecular Biology
 Elements of Toxicology

Lab course
 Lab course on Animal Taxonomy & Animal Resources
 Lab course on Elements of Toxicology & Cell Biology
 Lab course on Invertebrates & Molecular Biology

Semester II

Vertebrates: Structure and Function
 Genetic Engineering
 Fundamentals of Biochemistry
 Bioinformatics and Biostatistics

Open courses

Mathematical Tools for Real World Problems

Soft Skills in Information Technology
 Computer Applications and Technology
 Fundamentals of Biotechnology
 Mysteries of Green Plants
 Botany in Rural Development
 Fundamentals of Arabic Language
 Applied English
 Higher Education
 Principles of Banking
 Basics of Tourism and Travel Agencies
 Tourism Resources of J&K
 Business Communication and Skills
 Instructional Technology

Semester III

Animal Biotechnology
 Animal Resources, Threats and conservation
 Biology of Immune system
 Cytology and Cytogenetics
 Embryology and Histology
 Elective courses
 Principles of Parasitology
 Insect Morphology and Physiology
 Elements of Ichthyology

Lab Course

Lab course on Animal Biotechnology, Embryology and Histology & Biology of Immune system

Lab course on Elective course, Animal Resources, Threats and conservation & Cytology and Cytogenetic

Semester IV

Ecology and Environmental Biology
 Animal Physiology
 Fundamentals of Endocrinology
 Dissertation
 Elective courses
 Nematode Structure
 Human Genetics
 Wildlife Biology, Conservation and Management

Lab Course

Lab course on Ecology and Environmental Biology & Elective paper

Lab course on Animal physiology & Endocrinology.

INTAKE

Intake	Admitted Male	Admitted Female	Total
40	10	30	40

NUMBER OF STUDENTS WHO QUALIFIED NET/SET/JRF

- 2017 – 01

CONFERENCES / SEMINAR / WORKSHOPS ATTENDED / PAPER PRESENTED BY FACULTY MEMBERS

- Dr. M. A. Hannan Khan attended 28th ISP congress of parasitology 2018 held at Belagavi, Karnataka from 22nd to 24th Feb, 2018 and presented a paper entitled ***“Ameliorative effect of triclabendazole against Fasciola gigantica induced genotoxicity”***.
- Dr. Sajad Ahmad Khan attended J&K Science Congress at Kashmir University from 2-4 April, 2018 and presented a paper entitled ***“Biological Investigations on Alcidodes porrectirostris (Marshal)”***, a major insect pest on Walnut trees (*Juglans regia*) in Kashmir.
- Dr. Sajad Ahmad Khan attended ***“Himalayan Biodiversity”*** at University of Kashmir from 18-19 September, 2017 and presented a paper entitled ***“Entomological studies on Chaetoprocta odata (Lepidoptera: Lycaenidae)-A substantial damage causing insect pest on Walnut tress (Juglans regia) in Kashmir.”***
- Dr. Javeed Ahmad attended two days national conference ***“Ethnobotany and traditional knowledge in biodiversity conservation”*** Organized by Department of Botany, BGSB University Rajouri J & K- India from 8th and 9th March 2018 and presented a paper entitled ***“Evaluation of antidiabetic activity of Cucurbita pepo and Corallocarpus epigaeus and their formulation in experimental rats”***

- Dr. Javeed Ahmad attended 13th JK Science congress and presented a paper entitled **“Genetic and Epigenetic factors of E3/E3 genotypes of APO-E gene as a strong predictor for the diagnosis of Coronary Artery Disease”**.

RESEARCH PUBLICATIONS

- Shah AA, Allie KA, Vaid S, Handoo ZA, 2018. Description of Loffienema dhanoriensis gen. n., sp. n. (Nematoda: Rhabditidae) from Jammu and Kashmir State, India. Zootaxa. 4402(1):189-194.
- Khan M. A. H., Ullah R., Rehman A., Rehman L., Shareef P. A. A., Abidi S. M. A., 2017. Immunolocalization and immunodetection of the excretory/secretory (ES) antigens of Fasciola gigantica. PLOS ONE.
- Rehman A., Ullah R., Jaiswal N., Khan M. A. H., Rehman L., Beg M. A., Malhotra S. K., Abidi S. M. A., 2017. Low virulence potential and in vivo transformation ability in the honey bee venom treated Clinostomum complanatum, Experimental Parasitology, Volume 183, Pages 33-40.
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- Uthra C., Reshi M.S., Shrivastava S., Yadav D., Sharma S., Singh A., Sharma A., Jaswal A., Sinha N and Shukla S. **“Acrylamide induced renal toxicity: Amelioration by rutin.”** Emerging Trends and Developments in Beverage Science (Multi Volume SET I-XX). (in press).
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- Pandher, M.S., Simranjit K., Parey S.H and Saini M.S 2017. **“Review of genus *Hydropsyche Pictet 1834 (Insecta:Trichoptera: Hydropsychidae) from India.*”** Zootaxa. 4365 (3): 331–360

FINANCIAL ASSISTANCE PROVIDED FROM NATIONAL/INTERNATIONAL AGENCIES:

Title of ongoing project	Funding Agency	Amount Sanctioned	Principal Investigator
Entrepreneurship Development Among Tribal Men & Women Through Scientific Beekeeping in District Rajouri (J&K)	National Mission on Himalayan Studies (NMHS) Ministry of Environment, Forests and Climate Change, Government of India	Rs. 57, 38,880	Dr. Sajad H. Parey
Chemo-profiling and anticancer potential of <i>Apiumlepto phyllum</i> fruits	University Grants Commission	Rs. 10,000,00	Dr. Mohd Salim Reshi

AWARDS / APPRECIATIONS / HONOURS TO FACULTY / STUDENTS IN ACADEMICS / RESEARCH ETC.

- Dr. A. A. Shah received Best Researcher of the Year award for 2017 in BGSB University, Rajouri.
- Dr. M. A. Hannan Khan received 1st Prize for Oral Presentation during 28th ISP congress of parasitology 2018 held at Belagavi, Karnataka.

**LECTURES / TALKS / PRESENTATIONS DELIVERED BY FACULTY MEMBERS
OUTSIDE UNIVERSITY**

- Dr. Sajad Ahmad Khan invited as external examiner of Department of Biotechnology, Government P.G. College Rajouri (J&K).

SCHOOL OF NURSING & BIOMEDICAL SCIENCES

INTRODUCTION

Nursing education plays a pivotal role in the delivery of comprehensive health care and paramedical services. Envisaging the importance of nursing in the state of Jammu & Kashmir and global shortage of nurses, as one of the priority areas, the former chief minister of J&K and chancellor of Baba Ghulam Shah Badshah University, Late. Jenab Mufti Mohammad Sayeed Sahib has announced the establishment of Nursing colleges at Rajouri, Jammu and Kishtwar.

Scope of nursing practice encompasses provision of primitive, preventive curative and rehabilitative aspects of care to people across their life span in wide variety of health care settings. Practice of nursing is based upon application of basic concepts and principles derived from the physical, biological, behavioral sciences, medicine and nursing

Under graduate nursing education program prepares its graduates to become exemplary citizen by adhering to code of ethics and professional conduct at all times in fulfilling personal, social and professional obligations so as to respond to national aspirations.

The faculty of Nursing, Baba Ghulam Shah Badshah University has been working towards the achievement of following objectives, ever since its inception:

OBJECTIVES

On completion of the four year B.Sc. Nursing program the graduate will be able to:

- Apply knowledge from physical, biological, and behavioral sciences, medicine including alternative systems and nursing in providing nursing care to individuals, families and communities.
- Demonstrate understanding of life style and other factors, which affect health of individuals and groups.

- Provide nursing care based on steps of nursing process in collaboration with the individuals and groups.
- Demonstrate critical thinking skill in making decisions in all situations in order to provide quality care.
- Utilize the latest trends and technology in providing health care.
- Provide primitive, preventive and restorative health services in line with the national health policies and programmes.
- Practice within the framework of code of ethics and professional conduct, and acceptable standards of practice within the legal boundaries.
- Communicate effectively with individuals and groups, and members of the health team in order to promote effective interpersonal relationships and teamwork.
- Demonstrate skills in teaching to individuals and groups in clinical/ community health settings.
- Participate effectively as members of the health team in health care delivery system.
- Demonstrate leadership and managerial skills in clinical/ community health settings.
- Conduct need based research studies in various settings and utilize the research findings to improve the quality of care.
- Demonstrate awareness, interest, and contribute towards advancement of self and of the profession.

FACULTY

Name	Qualification	Designation	Specialization
Dr. Titi Xavier	Ph. D. in Nursing	Principal	Child Health Nursing
Liju Rajendran	M.sc (Nursing)	Nursing Tutor	Medical Surgical Nursing
Tincy Thomas	M.sc (Nursing)	Nursing Tutor	Psychiatric Nursing
Shobhita K Das	M.sc (Nursing)	Nursing Tutor	Child Health Nursing
Chapalamadugu Beularani	M.sc (Nursing)	Nursing Tutor	Obstetrics and Gynecological Nursing
Vijayasree V Nair	M.sc (Nursing)	Nursing Tutor	Child Health Nursing
Riju Samuel	M.sc (Nursing)	Nursing Tutor	Community Health Nursing
Indupalli Rambabu	M.sc (Nursing)	Clinical Instructor	Child Health Nursing
Asifa Ikhlq	B.sc (Nursing)	Clinical Instructor	
Shafali Sharma	B.sc (Nursing)	Clinical Instructor	
Snober Manzoor	B.sc (Nursing)	Clinical Instructor	
Mohseena Mushtaq	B.sc (Nursing)	Clinical Instructor	

ENROLLMENT

1st Year	2nd Year	Total
39	40	77

CURRICULAM

Semester I

English
Anatomy
Physiology
Nutrition
Biochemistry
Nursing Foundations
Psychology
Microbiology
Introduction to Computers

Semester II

Sociology
Pharmacology
Pathology
Genetics
Medical – Surgical Nursing – I
Community Health Nursing – I
Communication & Educational Technology

Semester III

Medical – Surgical Nursing – II
Child Health Nursing
Mental Health Nursing
Midwifery & Obstetrical Nursing

Semester IV

Midwifery & Obstetrical Nursing
Community Health Nursing - II
Nursing Research & Statistics
Management of Nursing service & Education

INTAKE

Year	Admitted Male	Admitted Female	Total
Sanctioned(Approved) students intake	Nil	40	40

RESEARCH PUBLICATIONS

- Dr. Titi Xavier, Dr S.N NanjudaGowda, 2016 ***“Assessment and comparison of the pain perception in children with and without play therapy during intravenous injection”***, International Journal of Research in Medical and Basic Science, Vol 02, Issue -08, ISSN 2455-2569
- Titi Xavier, Sayamary,2014 ***“A study to assess effectiveness of play activities in reducing the level of anxiety among hospitalized children”***, ISOR Journal of Nursing and Health Schemes, Vol 3, Issue -2, March-April ,2014ISSN 2320-1940
- Pushpendra Kumar, VikasChoudhary, Titi Xavier ***“A study to assess effectiveness of Structural teachingprogramme on knowledge regarding the oral rehydration therapy to management of diarrhoea among mother of under five children in selected community”*** ISOR Journal of Nursing and Health Scheme, Vol 3, Issue 2, Mar-Apr 2011, ISSN 2320-1940.
- TitiMangalathil, 2014 ***“Knowledge and attitude regarding obesity among adolescent students”*** ISOR Journal of Nursing and Health Scheme, Vol 3, Issue 2, ISSN 2320-1959.
- Titi Xavier,Pushpendra Kumar, VikasChoudhary ***“A study to assess the effectiveness of STP on knowledge regarding alcoholism among GNM II year students and selected Nursing School,”*** Journal of Nursing Schemes and practices, Vol 9, Issue -03, ISSN 2348-957X.
- Pushpendra Kumar, Titi Xavier, Vikas Choudhary,2014 ***“An experimental study to assess effectiveness of Structural launching programme on knowledge regarding the management of diabetes mellitus among GNM students”*** in selected Nursing School, Asian Journal Management July –Sep 2014, ISSN 0796-495X.
- Dr.Pushpendra Kumar, Dr. Titi Xavier Cumulative/ Clinical Experience Record for Basic B.Sc. Nursing Programme, Kumar Publishing House 1st Edition, 2017, ISBN:2428-28-2.

- Titi Xavier, Cumulative Record of Clinical Experience Record for Post Basic B.Sc. Nursing Programme, JAYPEE Brothers Medical Publishers (P) LTD 1st Edition, 2017, ISBN:978-93-82428-28-2
- Mrs. Ch. Beaula Rani ***“To assess the knowledge regarding fetal development among antenatal mothers”*** International Journal of Health Science and Research, Vol 7, Issue 05, May 2017 Page No. 192-195, ISSN 2249-9571.
- Mrs. Ch. Beaula Rani ***“To assess the effectiveness of planned baby care education on maternal attachment and self-confidence levels among primi mothers”*** Narayana Nursing Journal, Vol 4, Issue 4, Oct-Dec 2015, Page No. 15-17, ISSN 2278-5361.
- Ms. Anagha Merlin Sebastian, Ms. Ann Mariya , Ms. AnmolBabu , MsTincy Selma Thomas ***“Knowledge regarding early warning signs of Alzheimer’s disease among adults”***, IOSR, Vol 6 Issue 3, May-June 2017, ISSN No. 2320-1940.

EMINENT VISITORS

Chief Minister, Mehbooba Mufti, Visited College of Nursing, Rajouri March 14, 2017, inaugurated the Nursing College at Baba Ghulam Shah Badshah University (BGSBU).

Dy. Chief Minister, Dr. Nirmal Singh, attended the lamp lighting function and inaugural function on March 14, 2017, Baba Ghulam Shah Badshah University (BGSBU).

Syed Mohd. Altaf Bukhari, Minister for Health & Medical Education, attended the lamp lighting function and inaugural function on March 14, 2017, Baba Ghulam Shah Badshah University (BGSBU).

Syed Farooq Andrabi, Minister of State for Hajj & Auqaf, attended the lamp lighting function and inaugural function on March 14, 2017, Baba Ghulam Shah Badshah University (BGSBU).

OTHER ACTIVITIES

- Nurses week celebration 2017 was held on 9-12, May 2017

Sports Activities

- Tug of war
- 200 Meter Race
- Kabaddi

Cultural Activities

Lamp Lighting & Oath Taking ceremony

- Dance
- Drama
- Song

Nurses week celebration 2017

- Bouquet preparation
- Mehendi
- Rangoli
- Hair-style
- Poster making
- Lemon spoon
- Balloon inflation
- Bindi sticking
- Solo dance
- Group dance
- Solo song
- Group song

Christmas and New Year celebration

- Dance
- Song

Founder day celebration Cum Talent hunt

- College making
- Poster making

Academic Activities

International women's Day celebration

- Awareness programme towards "Female Foeticide, women protection rights, dowry system & domestic violence" in the form of social drama.

World AIDS Day

Oath Ceremony

AWARDS / APPRECIATION / HONOR TO FACULTY / STUDENTS IN ACADEMICS / RESEARCH ETC.

AWARDS	WINNER	PRIZE
Quiz	Ishrat Bilquees Rumaiya Bisma	1 st prize
Model making	Nazia Choudhary Richa Sharma	1 st prize 2 nd prize
Poster presentation	Jasmeet kour Rumaiya Hayat	1 st prize 2 nd prize
Speech Competition	Nighat Bilquees	1 st prize 2 nd prize
Essay writing	Fiza Afsana Akhter	1 st prize 2 nd prize
Debate	Munaza Fiza Insha Hassan Sabrina Jan	1 st prize

LECTURES / TALKS / PRESENTATION DELIVERED BY FACULTY MEMBERS OUTSIDE UNIVERSITY

- How to avoid becoming a parent of special need children in Rajiv Gandhi University of Health Sciences, by Titi Xavier

MEMBERSHIP OF BOARDS / COMMITTEES OUTSIDE UNIVERSITY

- TNAI, ST. John Ambulance Service

NURSING COLLEGE JAMMU

INTRODUCTION

College of Nursing (Jammu), School of Nursing & Biomedical Sciences for women was established in the year 2016 by Baba Ghulam Shah Badshah University, Rajouri (J&K). It is located in outskirts of Jammu at kanger Morh, Kotbalwal which is approachable by both public and private transport. College of nursing Jammu is an affiliated to Baba Ghulam Shah Badshah University, Rajouri (J&K). and recognized by Indian Nursing Council, New Delhi & permitted by Government of J&K for its purpose of nursing education since the year 2016.

The department is offering Basic B. Sc. Nursing 4 year degree course with annual intake of 50 seats. All the seats are filled through the common entrance test conducted by BGSB University (Rajouri). The selection of candidates is based on the merit in the common entrance test.

The main objective of the college is to impart quality of education and to prepare the graduate nurses to meet the demand of future who will work independently, in the hospital and community as a member of health care system. The level of education, the depth of curriculum and the exceptional practical experience at the college of nursing Jammu would add to the standard of health care wherever a graduate nurse would practice.

The department is well established with furnished classrooms and equipped laboratories. All the teaching and learning activities are carried out with different types of teaching aids at college, field and hospital.

FACULTY

Name	Qualification	Designation	Specialization
Dr. Pushpendra Kumar	Ph. D Nursing	Assistant Professor	Psychiatry Nursing
Mrs. Akoijam Sangita	M. Sc Nursing	Assistant	Medical Surgical

Devi		Professor	Nursing
Mrs. Kiran Kaur	M. Sc Nursing	Nursing Tutor	Pediatric Nursing
Ms. Marfa Bano	B. Sc Nursing	Nursing Tutor	UG
Mrs. Gurjot Kaur	M. Sc Nursing	Nursing Tutor	Medical Surgical Nursing
Mrs. Savita Kutlehria	B. Sc Nursing	Nursing Tutor	UG
Ms. Isha Chib	M. Sc Nursing	Nursing Tutor	Psychiatry Nursing
Ms. Vksk Priyanka Kavuluru	M. Sc Nursing	Nursing Tutor	Obstetrics & Gynecological Nursing
Ms. Ann Mary Jose	M. Sc Nursing	Nursing Tutor	Pediatric Nursing
Mrs. Priyanka Yadav	M. Sc Nursing	Nursing Tutor	Pediatric Nursing
Ms. Saima Habeeb	M. Sc Nursing	Clinical Instructor	Obstetrics & Gynecological Nursing
Mr. Masood Ahmed Sheikh	M. Sc Nursing	Clinical Instructor	Community Health Nursing

ENROLLMENT

Year I	Year II	Total
50	50	100

CURRICULAM

Semester I

English
 Anatomy
 Physiology
 Nutrition
 Biochemistry
 Nursing Foundations
 Psychology
 Microbiology
 Introduction to Computers

Semester II

Sociology
 Pharmacology
 Pathology
 Genetics
 Medical – Surgical Nursing – I
 Community Health Nursing – I
 Communication & Educational Technology

Semester III

Medical – Surgical Nursing – II
 Child Health Nursing
 Mental Health Nursing
 Midwifery & Obstetrical Nursing

Semester IV

Midwifery & Obstetrical Nursing
 Community Health Nursing - II
 Nursing Research & Statistics
 Management of Nursing service & Education

INTAKE

Intake	Admitted Male	Admitted Female	Total
50	Nil	50	50

OTHER ACTIVITIES

- Sports Week (Cricket/Kabaddi/Kho Kho/Rangoli/Art Competition)
- Debates
- Quiz Programme
- Nursing Day Celebration
- Fresher Day Celebration (Oath Taking & Lamp Lighting Ceremony)
- International Women's Day Celebration
- International AIDS Day Celebration
- Mental Health Day Celebration

**LECTURES / TALKS / PRESENTATIONS DELIVERED BY FACULTY MEMBERS
OUTSIDE UNIVERSITY**

- Mrs. Radhika Sharma (Pathology, Pharmacology & Genetics)
- Ms. Neha Sharma (English)
- Mr. Venkat Sava (Introduction to Computers)

NURSING COLLEGE KISHTWAR

FACULTY

Name	Qualification	Designation	Specialization
Mr. Jitendra Singh	M.Sc. Nursing	Assistant Professor / Coordinator	Medical Surgical Nursing
Mr. Ajith K K	M.Sc. Nursing	A.P.	Community Health Nursing
Mrs. Mariya Oliver	M.Sc. Nursing	A.P.	Medical Surgical Nursing
Mrs. Bincy Cherian	M.Sc. Nursing	A.P.	OBG
Mrs. Lincy Joseph	M.Sc. Nursing	A.P.	OBG
Mr. Cerin Mathew	M.Sc. Nursing	Nursing Tutor	Medical Surgical Nursing
Mr. Dhirender	M.Sc. Nursing	Nursing Tutor	Child Health
Mr. Jilo P Thomas	B.Sc. Nursing	Nursing Tutor	Nursing
Mr. Joseph Thomas	B.Sc. Nursing	Nursing Tutor	Nursing
Mrs. Shilpa	B.Sc. Nursing	Nursing Tutor	Nursing
Ms. Vishali	B.Sc. Nursing	Clinical instructor	Nursing

ENROLLMENT

I st Year	II nd Year	Total
40	40	80

INTAKE

Intake	Admitted Male	Admitted Female	Total
B.Sc. Nursing	Nil	40	40

RESEARCH PUBLICATIONS

- Mrs.Mariya Oliver, "Effectiveness of Foot Massage on improving the balance among elderly in a selected destitute home Mangalore." Indian Journal of Gerontology 6:444-455, Vol 31. No.4,2017, ISSN: 0971-4189

OTHER ACTIVITIES

- Debate on Women Empowerment on women's Day Celebration
- Quiz Competition

MEMBERSHIP OF BOARDS/ COMMITTEES OUTSIDE UNIVERSITY

- Jitendra Singh, Assistant Professor is a Member of Interview panel in Bihar Staff Selection Commission, Patna.

LIBRARY

The Central Library, BGSB University works under the supervision of the Library Advisory Committee of which Hon'ble Vice-Chancellor is the Chairman. The library as on date stands divided into twelve sections viz. Circulation, Acquisition, Classification, Cataloguing, Periodical, Internet Lab, Reference and Information Services, Stack Area, Reading Room, Newspapers and Magazines, Digital Documents Section, Dissertations and Thesis Section. The Library remains open from 900 hrs to 2400 hrs during weekdays and 900 hrs to 1700 hrs during weekends and holidays.

The library system of the university functions in the decentralized form with the sole aim to extend library facilities to the students, scholars and faculty members in those departments where such facility can be created. So far the departmental libraries have been established in the, School of Engineering and Technology, School of Biosciences and Biotechnology, Department of Mathematics, College of Nursing, Rajouri, College of Nursing, Jammu and College of Nursing, Kishtwar. On the similar lines, departmental libraries will be established in other departments as well in the phased manner, after working out the feasibility.

The Central Library along with other departmental libraries as on date maintains a collection of over 45,000 documents, which are classified as per the Dewey Decimal Scheme of Classification (DDC). The brief summary of the resource collection of the Central Library and its other constituent libraries along with some current additions is as under.

BOOKS AND OTHER READING MATERIAL

Item	Current addition	Total items
Books Purchased	13849	39863
Digital Documents	318	2425
Books received as Gifts (Gratis)	940	2767
Project Reports/Dissertations	274	1847

Newspapers	Nil	20
M.Phill/Ph.D Theses	25	85
Journal & Magazines (print)	Nil	86
Online journals (e-Shodhsindhu)	Nil	6000 (approximately)
IEEE journals (ASPP) (online)	179	179

It is pertinent to mention that a new three storey state of the art Central Library block is coming up within the campus. The new edifice is spacious and will be equipped with all modern facilities to create ambiance for reading. The new library block will be laced with all modern amenities so as to make the seating of the library users comfortable. Every care will be taken to maintain the aesthetics of the library building so that user may always find a new joy in visiting the library.

The competent authority is keen to establish a separate book-bank in the new library block, which shall exclusively cater the academic and research needs of the downtrodden students and those belonging to the socially disadvantaged sections of the society. Under this facility, the students coming from the poor, underprivileged and humble family backgrounds will be issued books for a full semester.

The Central Library as on date stands registered as an institutional member of DELNET-a network of 6244 member libraries all across the globe. DELNET provides access to readers of member libraries to nearly 30 million documents available in these member libraries in Common Communication Format (CCF). Member libraries can acquire these documents any time, within a fortnight on the inter library loan basis under the agreement signed. On the similar lines, database of Library documents stands available on IndiaCat (A union bibliographic database of more than 175 universities with more than 84.16 lakh unique records, compiled and maintained by INFLIBNET). The Central Library, BGSB University is an institutional member of the INFLIBNET, whereby, the university has been granted access to 6 databases under e-Shodhsindhu, where under users can access research articles from more than 6000 journals on a variety of subject areas. The Central Library BGSB University has entered into MoU with the INFLIBNET, whereby, the Central Library has to upload the soft copy of the doctoral thesis on the Shodhganga portal within the thirty days of the award

of the degree. Till date 25 doctoral theses stand uploaded to the Shodhganga portal by the University.

The Central Library BGSB University has become the institutional member of the National Digital Library of India, whereby, our students, scholars, faculty and other staff members can access over 17 million documents ranging from primary to post-graduate level in more than 70 languages. The NDL is an initiative of the Ministry of Human Resource & Development (MHRD), Govt of India under its National Mission on Education through Information and Communication Technology (NMEICT), executed in coordination with IIT, Kharagpur and can be accessed at <https://ndl.iitkgp.ac.in>. The repository of learning resources is available in digital form and will be accessed through single-window search portal to facilitate the focused and federated search, so that learners can retrieve the right resource with least effort in minimum time.

The routine library service offered to the library clientele includes circulation service, reference & information service, reprographic facility, periodical service, CD-ROM browsing, online access and internet facility to members. In order to keep library members acquainted with current affairs and the latest developments in their area of interest, the library subscribes to more than 20 daily newspapers and almost equal no of magazines in English, Hindi and Urdu languages. The Library maintains a complete database of library collection on SOUL (Software for University Libraries) and KOHA softwares installed for automating library services and activities. Data entry of documents is up to date, Online Public Access Catalogue (OPAC) service is being provided to members on an intranet. With the view to facilitate more federated search among students and faculty members about the usefulness of open access documents, library have designed/created an independent library website with URL: <https://sites.google.com/site/clbgsbu/>. To provide a federated glimpse of the research output or the research prowess of the University, BGSB University google scholar account has been created, which can be accessed at <https://scholar.google.co.in/citations?user=sKVorqUAAAAJ&hl=en>. The researchers of the university can ask for adding their newly published research results and can also view their citations.

Organizing book exhibitions on the campus is a regular activity of the Central Library. Of late, the 7th Book Exhibition was organized in collaboration with M/s Technical Bureau Pvt. Ltd and M/s Orange Books International, New Delhi from December 14-16, 2016. The main purpose of organizing book exhibitions on the campus is to extend ample opportunity to the

faculty members to choose books after browsing the content and to consult the fellow colleagues, from a wide array of titles by different authors on any given subject.

The Central Library, BGSB University has received library grants from various government and non-government agencies from time to time. The library as a beneficiary has received grants from the agencies like, Department of social welfare, Government of Jammu and Kashmir, Central wakf Council, National Board of Higher Mathematics, Department of Biotechnology, Govt. of India etc. Apart from this library also receives a good no of books in the form of gratis items from authors, publishers, distributors, students, scholars and teachers etc.

FACULTY

Name	Qualifications	Designation
Ramesh Kumar Pandit	M.A, MBA, MLISc, M.Phill, Ph.D (Pur)	Sr. Assistant Librarian
Tazeem Ahmed Tantray	B.Sc, M.Lib.Sc	Sr. Library Assistant
Zakir Hussain Malik	B.Sc, M.Lib.Sc	Sr. Library Assistant
Ramesh Kumar Dhar	B.Sc, B.ed, B.Lib, M.Lib.Sc (Pur)	Library Assistant
Rabia Choudhary	B.Ed, M.Sc, MLISc	Library Assistant
Shagufta Naseem	B.A, M.Lib.Sc	Library Assistant
Shakeela Choudhary	B.Sc, M.Lib.Sc	Library Assistant
Mehmood Shah	B.Sc, B.ed, M.A (Pur)	Library Attendant

RESEARCH ACTIVITY OF THE FACULTY

- Pandita, Ramesh & Dominic, J. (2017). Variables of Job Satisfaction: A Review with special reference to LIS professionals. *International Journal of Information Dissemination and Technology*, 6(4), 258-267, ISSN No 2229-5984.

- Pandita, Ramesh. (2017). Internet; A Change Agent, An overview of Internet Penetration & its Growth across the World. ***International journals of Information Dissemination and Technology***. 7 (2), 83-91. ISSN No 2229-5984 (P), 2249-5576 (E)
- Pandita, Ramesh. (2017). Distribution & Registration of crime incidents across Jammu & Kashmir, India: A study (2005-2014). ***Indian Police Journal***. 64(1), 38-53. ISSN No 0537-2429.
- Pandita, Ramesh., & Singh, Shivendra. (2017). Self-citation, A trend prevalent at Global Level across Disciplines; An Overview. *Collection Building*, 36 (3), 115-126. <https://doi.org/10.1108/CB-03-2017-0008>. ISSN No 0160-4953.
- Pandita, Ramesh., Koul, Meenakshi & Singh, Shivendra. (2017). Growth of Research Journals in India during last Decade (2005-2014): **An Overview. *Collection building***. 36(4), 143-154, ISSN No 0160-4953.
- Singh, Shivendra., & Pandita, Ramesh. (2017). Ranking of India's Leading Management Institute Libraries: A Study based on their fund spending pattern and their Institutional research output. ***Library Management***. Vol 38 (8/9), 437-454 <https://doi.org/10.1108/LM-12-2016-0092>. ISSN No 0143-5124.
- Pandita, Ramesh., & Singh, Shivendra. (2017). Doctoral Research Output in Social Sciences in India during (2010-2014): A Study. ***DESIDOC Journal of Library and Information Technology***. 37(5), 328-336. ISSN No 0974-0643 (p), 0976-4658 (e)
- Pandita, Ramesh. (2017). Doctoral Dissertations Awarded in Library and Information Science in India. A Bibliometric Study (2010-2014). ***DESIDOC Journal of Library and Information Technology***. 37(6), 379-386. ISSN No 0974-0643 (p), 0976-4658 (e)
- Pandita, Ramesh. (2017). Best Practices of Evaluation System: A Case for Two-Tier Round Table Evaluation Practice. ***University News***. Vol 55(19), 12-20, ISSN 0566-2277

- Pandita, Ramesh., & Singh, Shivendra. (2017). Journal Packing Density across subject Disciplines at the Global Level; A Study. *Information & Learning Science*. 118(11/12), 642-659, doi.org/10.1108/ILS-07-2017-0077. ISSN No 2398-5348.
- Pandita, Ramesh., & Singh, Shivendra. (2017). Changing Dimensions of Publishing Doctoral Research Results: An Introspection of Shodhganga ETD, *University News*. Vol 55(49), 53-62, ISSN 0566-2277
- Pandita, Ramesh., & Singh, Shivendra. (2017). Doctoral Dissertations Awarded in India in Humanities. An overview (2010-2014). *Annals of Library and Information Science*. 64(4), 242-252, ISSN No. 0975-2404 (o), 0972-5423 9(p)
- Koul Meenakshi., & Pandita Ramesh. (2017). Doctoral Dissertations Awarded in Education in India. An overview (2010-2014). *International Journal of Information Dissemination and Technology*. 7(4), 233-237, ISSN No 2229-5984
- Pandita, Ramesh., & Singh, Shivendra. (2018). Journal Packing Density of subject Disciplines at the Continental Level. A study. *Library Philosophy and Practice*. 1756
- Singh, Shivendra & Pandita, Ramesh. (2018). Journal Packing Density across subject Disciplines among BRICS Countries. A study. *DESIDOC Journal of Library and Information Technology*. 38(3), ISSN No 0974-0643 (p), 0976-4658 (e)
- Pandita, Ramesh., & Dominic, J. (2018). Impact of Information Technology on the job satisfaction of LIS Professional; A case Study of Jammu and Kashmir. *DESIDOC Journal of Library and Information Technology*. 38(3), 75-81. ISSN No 0974-0643 (p), 0976-4658 (e)
- Singh, Shivendra., & Pandita, Ramesh. (2018). Measurement of the Global Nursing Research Output: A Bibliometric Study (1996-2015). *Journal of Information Science Theory and Practice*. 6 (1), 31-44. ISSN 2287-4577, 2287-9099.

FINANCES

ABSTRACT OF UNIVERSITY RECEIPTS AND EXPENDITURE FOR THE YEAR 2017-18

Receipts	Rs. (In Lac)	Expenditure	Rs. (in Lac)
Annual Contribution from Administrator Auqaf Shadra Sharief	200.00	Salaries	2077.70
Grant in Aid (Non-Plan) Salaries J&K Govt.	800.00	Pension Fund	142.71
Other University Receipts	2666.74	Recurring, Non Recurring and Hostel Expenditure	836.35
		University Works	42.52
	3666.74		3099.28

FUNDS RECEIVED FROM VARIOUS FUNDING AGENCIES

UNIVERSITY GRANTS COMMISSION (UGC)

Scheme Name	up to 31-03-2017	2017-18	Total
Grant for General Development Scheme UGC- 12 th Plan	453.12	136.55	589.67
Grant for Construction of Women Hostel UGC -12 th Plan	80.00	80.00	160.00
Total	533.12	216.55	749.67

EXPENDITURE

Scheme Name	Expenditure up to ending 2016-17	Expenditure during the Year 2017-18	Cumulative expenditure ending 2017-18
General Development Scheme UGC- 12th Plan	628.83	82.93	711.96
Construction of Women Hostel UGC -12th Plan	102.27	36.19	138.46
Total	731.10	119.12	850.42

J&K GOVT. STATE PLAN

Original cost	Revised estimate -d cost	Funds release -d up to 31-03-2017	Funds releas -ed 2017-18	Total funds releas -ed	Expendit -ure ending 31/03/2017	Expenditu -re 2017-18	Cumulati -ve Expendit ure up to 31-03-2018
3462.00	4421.75	1458.00	450.00	1908.00	725.56	413.57	1139.13

AICTE -NEW DELHI

Revised estimated cost	Funds released up to 31-03-2017	Funds released 2017-18	Expenditur e ending 31/03/2017	Expenditur e 2017-18	Cumulative Expenditure up to 31-03-2018
200.00	100.00	0.00	0.00	100.50	100.50

**RECEIPT & EXPENDITURE STATEMENT
FOR THE FINANCIAL YEAR 2016-17 & 2017-18 OF ON-GOING PROJECTS**

(State Plan)

(Rs. in Lacs)

Name of work	Original cost	Revised estimated cost	Funds released up to 31-03-2017	Funds released 2017-18	Total funds released	Expenditure ending 31/03/2017	Expenditure 2017-18	Cumulative Expenditure up to 31-03-2018
Const. of Central Library	1102.00	1102.00	430.00	168.00	598.00	178.59	222.92	401.51
Const. of Boys Hostel	370.00	628.45	370.00	0.00	370.00	252.82	0.00	252.82
Const. of Academic Block for Botany & Zoology	390.00	694.30	358.00	32.00	390.00	287.25	140.39	427.64
Const. of Examination Block	300.00	697.00	300.00	0.00	300.00	06.90	0.26	7.16
Const. Of Nursing College Rajouri	1100.00	1100.00	0.00	150.00	150.00	0.00	0.00	0.00
Construction of Guest House	200.00	200.00	0.00	100.00	100.00	0.00	50.00	50.00
Total	3462.00	4421.75	1458.00	450.00	1908.00	725.56	413.57	1139.13

AICTE

(Rs. in Lacs)

Name of work	Original cost	Revised estimate cost	Funds released up to 31-03-2017	Funds released 2017-18	Total funds released	Expenditure ending 31/03/2017	Expenditure 2017-18	Cumulative Expenditure up to 31-03-2018
Const. of SC/ST Students Hostel	200.00	200.00	100.00	0.00	100.00	0.00	100.50	100.50

DETAILS OF FUNDS RECEIVED FROM UNIVERSITY GRANTS COMMISSION (UGC) UP TO FINANCIAL YEAR 2017-18 AND EXPENDITURE THEREOF.

Receipt

(Rs in lacs)

Scheme Name	up to 31-03-2017	2017-18	Total
Grant for General Development Scheme UGC- 12th Plan	453.12	136.55	589.67
Grant for Construction of Women Hostel UGC -12th Plan	80.00	80.00	160.00
Total	533.12	216.55	749.67

EXPENDITURE

(Rs in lacs)

Head/ Component	Expenditure up to ending 2016-17	Expenditure during the Year 2017-18	Cumulative expenditure ending 2017-18
A) General Development Scheme UGC- 12th Plan			
a. Construction and Renovation of Buildings	57.15	0.00	57.15
b. Construction of Mathematical Block	120.34	82.68	203.02
Campus Development	85.53	0.00	85.53
Staff	0.00	0.00	0.00
Books & Journals	80.45	0.00	80.45
Laboratory Equipment and Infrastructure	194.13	0.00	194.13
Annual Maintenance Contract	12.00	0.00	12.00
Innovative Research Activities	0.00	0.00	0.00
University Industry linkages	0.00	0.00	0.00
Extension Activities	0.00	0.00	0.00
Cultural Activities	2.00	0.00	2.00
Development of ICT	25.37	0.05	25.42
Health Care	1.97	0.00	1.97
Student Amenities including hostels.	17.63	0.00	17.63
Travel Grants	3.02	0.00	3.02

Conference/Seminars/Symposia/Workshop	5.71	0.20	6.11
Publication Grant	0.29	0.00	0.29
Appointment of Visiting Professors/ Visiting Fellows	0.32	0.00	0.32
Establishment of Career and Counselling Cell	0.48	0.00	0.48
Day Care Centre	0.65	0.00	0.65
Basic Facilities for Women	0.00	0.00	0.00
Faculty Development Programme	0.00	0.00	0.00
ENCORE	1.80	0.00	1.80
Human Rights and Duties Education	0.00	0.00	0.00
Appointment/Honorarium of Guest/ Part Time Teacher	19.99	0.00	19.99
Non- NET Fellowship for M.Phil / Ph.D Scholars	0.00	0.00	0.00
Total	628.83	82.93	711.96

Head/ Component	Expenditure up to ending 2016- 17	Expenditure during the Year 2017- 18	Cumulative Expenditure ending 2017-18
Construction of Women Hostel	102.27	36.19	138.46

RECEIPTS DURING THE FINANCIAL YEAR 2017-18 (NON-PLAN)

Head of Account	Rs in Lacs
University Receipts	2216.35
Administrator Aquaf Shahdra sharief (Annual Contribution)	200.00
State Grant Non-Plan Salaries	800.00
Hostel / Mess Receipts	440.83
Endowment fund Receipt	2.00
Security/ Education loan of Students	7.56
Total	3666.74

EXPENDITURE DURING THE FINANCIAL YEAR 2017-18 (NON-PLAN)

Salary	2077.70
Pension Fund	142.71
P.O.L	7.40
Maintenance of Vehicle	5.91
TA/DA	7.53
Advertisement	6.61
Examination Expenses	35.42
Water Supply	10.39
Electric Charges	72.54
Telephone/Mobiles	4.29
Rent of Buildings	10.48
Office Expenses	2.09
Audit Fee/ filing of TDS Returns	1.48
Guest Faculty	0.00
Office Stationery	5.92
Computer Stationery	1.89
Newspapers& Magazines	0.25
Hiring charges of vehicles	0.03
Hot & Cold Weather Charges	0.28
Postage	0.69
Running & Maintenance / Repair of Gen Set	2.81
Repair & Maintenance	0.00
Sumptuary Expenses	0.00
Admission Expenses	15.98
Crockery & Utensils	0.59
Repair & Maintenance of Buildings	17.52
Internet	0.91
Salaries Casual Labor	1.04
University Health Centre (R-29)	0.00
Landscaping/ Campus Development & Beautification	14.64
Maintenance/Development of Lead Botanic Garden	2.59

Repair & Maintenance of Lab Equipment	1.13
Repair & Maintenance of LT/HT Line/ Sub Station	0.80
Legal Expenses	3.34
Purchase of Glassware/chemicals for Lab	1.47
University Contribution for Corpus Fund	0.00
University Contribution for Welfare Fund	0.00
Fellowship to Ph.D/M.Phil Scholars	4.32
Purchase of Vehicle	0.00
Establishment of Three Nursing Colleges	52.37
Wages of Outsourcing Security University Campus	5.52
Computers	1.34
Books	6.47
Water Coolers & Purifiers	3.83
Electronics Items/ Equipment	5.25
Electric Items	0.89
Sports/ Cultural Activities	7.43
Furniture & Fixtures	20.68
University Functions & Meetings/ Convocation	20.71
Uniforms/Liveries	0.00
University publication	0.94
Insurance of Buildings	0.67
AMC of Photocopier	3.22
Annual Subscription/ Registration Fee/Membership fee	0.67
Hospitality Charges for faculties/Examiners	0.00
Insurance of Vehicle	3.63
Repair & Maintenance of Computers	0.01
Placement/ Training Expenses	1.59
Repair & Maintenance of Buildings	0.00

Seminars& Conference	0.20
Interest on Loans/Installments	7.43
LAN Maintenance Charges	6.52
Day Care Centre	0.00
Insurance of Students	0.00
Connectivity WI-FI in campus	0.00
Refund of Security fee	0.00
Transportation Charges Exp.	1.95
Bank Charges	0.53
Total	2613.22
Hostel Expenditure	443.54
Total	3056.54

STATEMENT SHOWING DETAIL OF PROJECT WISE EXPENDITURE FOR THE YEAR 2017-18 WITH GRANTS RECEIVED DURING THE YEAR

A/c No.	Name of the Project	Opening Balance	Grant Received during the year	Interest during the year	Total	Expenditure during the year	Closing Balance
937	(DBT Project) Socio Economic upliftment of Rural Women belonging to SC/ST Communities	935838.12	1047000	24851	2007689.12	682029.9	1325659.22
951	Management & Performance of Micro small enterpnures of Rajouri & Poonch districts J&K from Minstry of Human Resources Development of Dr. Dil Pazir	0	280000	2043	282043	238549	43494

287	Fellowship Grant of Dr. Firdous Ahmad Qazi, P.hD Scholar from ICSSR, New Delhi	0	103500	0	103500	0	103500
287	Contingent Grant of Mr. Mohd Qasim, P.hD. Scholar	0	20000	0	20000	0	0
287	Seminar Grant of Dr. S. K Pant, PI from ICSSR, New Delhi	0	180000	0	180000	264609	-84609
Grand Total		935838. 12	1630500	26894	2593232. 12	1185187 .9	1388044. 22

UNIVERSITY HEALTH CENTRE

The University Health Centre was established to promote physical, mental & social well being of the students of the BGSBU university. Health Check up of every staff/Students residing in the campus are made on routine basis. The staff of the University Health Centre (UHC) comprises of Medical Officer and staff Nurse, Pharmacists, a Senior Technical Assistant, Technical Assistants, Lab Technician and other supportive staff functions under the overall supervision and administrative control of the University.

OPD SERVICES

Months	Student	Staff	OPD	Total
April 1- 30	240	178	09	427
May 1- 31	364	233	20	617
June 1- 30	66	124	12	202
July 1- 31	76	216	14	306
August 1- 31	487	226	07	720
September 1- 30	312	156	05	473
October 1- 31	257	313	06	576
November 1- 30	403	193	07	603
December 1- 31	303	166	02	471
January 1- 31	193	170	11	374
February 1- 28	346	192	03	541
March 1- 31	365	239	10	614
Total	3411	2406	106	5924

Doctors of the University Health centre provide primary health care. The student can just walk in for consultations and treatment.

SPECIALIST

- Consultations with the specialists are made on request.
- Counselors are also there in Health centre to provide counseling.
- Medicines are provided free of cost to students from the pharmacy of the Health Centre as per university rules through govt. Medical stores depot and local purchase from approved chemist inside the campus.

- Laboratory facility provides spectrum of routinely available Hematological, Biochemical and Microbiology tests.
- Referral services to public hospitals for specialized treatment/hospitalization and other services which are not covered by the U.H.C.
- Medical examinations for academic pursuits in the University.

AMBULANCE

- Two Ambulances are available at the Health Centre for 24 hrs. Medical Staff is also available at night from 9 pm to 8 am on rotation basis with the ambulance.
- Mobile numbers to contact the ambulance in emergency are also printed on the O.P.D cards/Medical Booklets.

TRAINING & PLACEMENT CELL

The Training and placement cell is an integral part of Baba Ghulam Shah Badshah University. The University has provided the most modernized infrastructure for effective functioning of the cell. Training activities are organized throughout the year in an effort to prepare the aspiring students for the campus selection programmes. The training and placement cell is constantly working to help the students to achieve their ultimate goal of getting a good and respectable job.

At BGSB University we believe in grooming the personality of the students along with the academic inputs. To ensue that this happens without failure. Training and Placement Cell invites Professionals and Experts in various fields to deliver seminars, lectures and conduct group discussions to give students a chance to improve their personality and communication skills, team work and confidence. The students are kept upgraded with the changes in the contemporary industrial scenario by means of regular visits to industries and corporate houses. The cell is sensitized to function all through the year towards training and generating placement opportunities for the students. The programmes organized by the Training and Placement Cell make the students to learn most modern techniques and develop confidence to become successful professionals.

BGSBU always strives hard to bridge the gap between theoretical aspects of students learning and the real life requirements of the industries, thus throughout the year the Training and Placement cell organizes;

- Seminars
- Face to Face Interactions with Industry experts
- Group Discussions
- Mock-Interviews

Workshops on Resume Writing Skills and Ways to Crack Interviews Personality Development Workshops Written as well as online Aptitude Tests

Reputed Corporate houses and Financial Institutes across the country visit our University regularly for the campus recruitment. Training and Placement Cell handles all aspect of campus placements and coordinates quite well the corporate sector. The Cell is well equipped with excellent infrastructure to support every stage of placement process like arrangement for pre-placement talks, written or online test, interviews, group discussions etc.

The Training & Placement Officials and the Volunteers provide every possible assistance to the recruiters for the successful conduct of the Hospitality and the functioning of the Placement Cell at BGSBU is applauded and well received by the visiting recruiters every year.

Other than organizing On-Campus Placement Drives, the Training & Placement team organizes;

- * Mega Job Fairs
- * Pool Campus Drives
- * Ensures the participation of our students in the Off Campus Pool Drives.

The training and Placement Cell also organizes Industrial visits and arranges industrial training, project training and summer internship for the students. All these activities enhance the professional ability of the students and enable them to acquire jobs with the best employers in the professional world. Through these activities, students gain practical knowledge and exposure to industrial environment.

ACTIVITIES DURING YEAR 2017-2018.

- Lecture cum interactive session on 'Current Trends of Placements' with the experts from Jetkings. *21-09-2017.*
- Organized an On-Campus Placement Drive by Tech Mahindra for B.Tech Students. A total of 124 students registered for the drive and 114 students participated in the same out of which 32 students were selected. *28-09-2017.*
- Took the students team of our University for a meeting in regard to 'Working Group for Operationalization of Knowledge initiative' at Jammu University. *17-10-2017.*
- Took the students team of our University to Central University Jammu to attend lecture by industry expert under 'Jammu and Kashmir Future Talks' an initiative by HMoS for Education and Technical Education Smt. Priya Sethi. *27-10-2017*
- Organized an On-Campus Placement Drive by Rooman Technologies for the students of B.Tech, MCA, M.Sc-IT and MBA. A total of 58 students registered for the

drive and 42 students participated in the same out of which 21 students were selected. *02-11-2017.*

- Organized a Mega Pool Campus drive at BGSBU Campus for final year students of various departments, wherein HR teams of 10 corporate houses interviewed our students. *09th & 10th November 2017.*
- Organized an On-Campus Placement Drive by SEBIZ Technologies for the students of MCA, and M.Sc-IT. A total of 44 students registered for the drive and 44 students participated in the same out of which 24 students were selected. *16-11-2017.*
- Took the students team of our University to Jammu University to attend lecture by industry expert under 'Jammu and Kashmir Future Talks'. *13-11-2017*
- Organized a Pool Campus Placement Drive in coordination with SMVDU for B-Tech students of CSE and ITE. The company invited was Tech Aspects Solutions Pvt. Ltd. *30th November and 01st December 2017.*
- Organized an On-Campus Placement Drive by Bureau Veritas Pvt Ltd. for B.Tech students. A total of 52 students registered for the drive and 21 students participated in the same out of which 02 students were shortlisted. *21-01-2018.*
- Arranged for the final academic project of MCA & M.Sc-IT final year students at SEBIZ Chandigarh under UDDAN project of Govt. of India.
- Accompanied the complete final semester batch of MCA & M.Sc-IT to Chandigarh and facilitated in their joining and boarding. *22-01-2018.*
- Invited a speaker from TCS EON to our campus for a lecture cum interactive session for the students of B.Tech on the topic 'Personality Development & future avenues for Engineers'. *15-02-2018.*
- Organized an On-Campus Placement by Bharti Infratel Pvt Ltd. for the students of Polytechnic College of our University and nearby areas. A total of 37 students

registered for the drive and 30 students participated in the same out of which 03 students were selected. *20-02-2018*.

- Organized an On-Campus Skype interview for the students of MBA 2nd semester for summer internship at Reliance Retail Ltd. 03 students were selected. *22-02-2018*.
- Organized a Pool Campus Placement Drive in coordination with SMVDU for B-Tech and MBA students. The company invited was Shriram Transport Finance Company Limited. A total of 42 students registered for the drive and 07 students participated in the same out of which 02 students were selected. *17-03-2018*.
- Invited a speaker from IBM to our campus for a lecture cum interactive session for the students of B.Tech. *09-04-2018*.

The session included talks on;

- A Skill based training, which strengthen their core skills for a successful IT Career.
- Elevates the skills on Enterprise application development and allows students to understand development domain better.
- Specializations' on Cloud, Big data Analytics, Information Security, IoT Mobility etc.
- Organized an On- Campus Skype interview for the students of MBA final semester by Green Thumbs. *23-04-2018*.
- Organized an On-Campus Placement by DHFL Pramerica Life Insurance Company Limited for the students of MBA & MA Economics final semester students of our University. *11-05-2018*.

DETAILS IN TABLE

B-Tech all Streams October 2017

Tech Mahindra

In Nos.	Registered	Attended	Selected		Salary Per Annum
	124	114	32		
S.No	Selected Students	Course	Batch	Location	
1	Burhan Yaseen Mir	B.Tech CSE	2014-2018	NCR	1.7 Lac
2	Prince Zahid				
3	Umar Farooq				
4	Aqleem Makhdoomi				
5	Moazam farhan banday				
6	Junaid UL islam				
7	Haroon Rashid Lone				
8	Arselan Ashraf				
9	Malik Ijtiba	B.Tech ITE			
10	Sarmad Nazki				
11	Soliheen Farooq khan				
12	Gazala Mushtaq				
13	Owais Ahmad Khan				
14	Sayed tawseef Ahmad	B.Tech ECE			
15	Rahul sharma				
16	Sameer Ahmad mir				
17	Pz M. faheemud din				
18	Asif Irshad naik				
19	Tahir mohammad wani				
20	Sahil nazir Potto	B.Tech ERE			
21	Mohammad Ana Wani				
22	Nischal Kumar				
23	Md.Mujtaba khan				
24	Maddessar Hussain				
25	Faheem Ul Haq	B.Tech CE			
26	Tarun Raina				
27	Mohammad Zahid Bhat				
28	Junaid Mehraj Allaqband				
29	Iynain Altaf				
30	Taukeer Ahmed sheikh				
31	Nadeem Bashir				

32	Beenish Hamdani				
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B-Tech, MBA & MCA

Rooman Technologies

In Nos.	Registered	Attended	Selected		Salary Per Annum
	58	42	21		
S.No	Selected Students	Course	Batch	Location	
1	Umaira	B.Tech CSE	2014-2018	New Delhi	1.8 Lac
2	Moazam Farhan				
3	Umar farooq				
4	Aqleen Makhdoomi				
5	Ovais altaf hakak				
6	Aafreen rashid				
7	Shabaaz malik				
8	Haroon rashid lone				
9	Shoiab ahmad				
10	Gazala mushtaq	B.Tech ITE			
11	Sarmad nazki				
12	Faraz imtiyaz bisati				
13	Malik ijtiba				
14	Mohsin khan	MCA	2015-2018		
15	Rahat jabeen				
16	Najmu nissan				
17	Neha verma				
18	Altaf hussain shah	MBA	2016-2018		
19	Mohd arif bhat				
20	Asif nazir wani				
21	Faisal faheem				

MCA & M.SC IT

S.E-BIZ Chandigarh UDAAN (On-Campus)

In Nos.	Registered	Attended	Selected		Salary Per Annum
	44	44	24		
S.No	Selected Students	Course	Batch	Location	
1	Suhail Ahmad Khanday	MCA	2015-2018	Mohali	1.8 Lac
2	Faisal Rafiq Khan				
3	Javed Ahmad Wani				
4	Waseem Ahmad				
5	Safeer Ahmad				
6	Neha Verma				
7	Arshad Ayoub				
8	Sapna Devi				
9	Rahat Jabeen				
10	Mohd Alyas				
11	Ishfaq Majeed Rather				
12	Priya Kumari				
13	Altaf Hussain Shah				
14	Khalid Manzoor Sheikh				
15	Shaheen Muzamil Abas	M.Sc-IT	2016-2018		
16	Faizan Ahmed Khan				
17	Mohd Irfan				
18	Najmul Nissa				
19	Himani Mehta				
20	Mohammed Shafeeq				
21	Anjuman Nisar				
22	Shokee Hamid				
23	Aaliya Nazir				
24	Nadia Rashid				

B-Tech

Bureau Varitas

In Nos.	Registered	Attended	Selected		Salary Per Annum
	52	21	2		
S.No	Selected Students	Course	Batch	Location	
1	Moazam Farhan	B.Tech	2014-		2.4 Lac
2	Aqleen Makhdoomi	CSE	2018	NCR	

Diploma

Bharti Infratel Pvt Ltd

In Nos.	Registered	Attended	Selected		Salary Per Annum
	37	30	2		
S.No	Selected Students	Course	Batch	Location	
1	Mustafa Hamid Chouhan	Elelctical	2015-2018	Jammu Region	1.7 Lac
2	Arif Mohd Khan	Mech			

MBA and B-Tech

Shri Ram Finance

In Nos.	Registered	Attended	Selected		Salary Per Annum
	42	7	2		
S.No	Selected Students	Course	Batch	Location	
1	Moazam Farhan	B.Tech	2014-2018	Jammu Region	2.77 Lac
2	Aqleen Makhdoomi	CSE			

ARBORICULTURE & LAND SCAPING

The development of gardens was taken up in July 2017. The lawns of guest house, VC office, VC lodge, Registrar residence and adjoining two lawns of residential quarters and MCA, MBA, M.Sc IT, along with outer lawns of School of Biosciences were taken on first priority. Simultaneously the plantation work was also undertaken on priority basis.

The total developed area is 18369sft out of which 14786sft is the grassing area (Annxture - 1).The lawns of the guest house, VC lodge and Registrar residence were also provided with Hybrid tea roses.

In addition to the development of lawns, 180 fruits plants Viz. Walnut, Pecca nut, mango, litchi, Naspati, Aroo, Guava, Chickoo , Anar,Numbo, Chakotra were added to the Lead Botanic Garden .Further, 1100 plants of pinus were planted in back side of workshops and Nursing College and front side of Nursing hostel .

Side by side 150 plants were potted in plastic pots to be used for display at requisite places.

S No	Particular	Area	Quantity	Grass Area
1	Renovation and Development of lawns:			
	1. Guest lawn	2958sft		2250sft
	2. Registrar residence's lawn	2460sft		1944sft
	3. Chief proctor residence's lawn	1160sft		1314sft
	4. Director residence's lawn	2016sft		1275sft
	5. Vice chancellor secretariat	896sft		750sft
	6. VC lodge	1951sft		1151sft
	7. MBA	1715sft		1551sft
	8. MCA	2385sft		1960sft
	9. M.SC IT	1628sft		1353sft
	10. CBS Department Lawn	1200sft		1200sft
	Total	18369sft		14784sft
2	Flowering beds:			
	1. Guest House			
	2. Registrar residence			
	3. Sabrang Squair			
	4. Vice chancellor secretariat			
	5. VC lodge			
	6. MCA			
	7. M.SC IT			
3	Plantation :			
	1. Fruits plants		180No	

	<ul style="list-style-type: none"> 2. Rose 3. Ornament plants 4. Pinus 		<ul style="list-style-type: none"> 72No 100No 1100No 	
4	<p>Maintenance of lawns and its surrounding areas:</p> <ul style="list-style-type: none"> 1. SOET Complex 2. Auditorium 3. Arabic Deptt. 4. All Hostels 5. Loop Building 6. Academic Block 7. All Roads 			

UNIVERSITY WORKS

WORKS EXECUTED DEPARTMENTALLY

S. No	Name of work	Status as on 01-03-2017	Status as on 31-03-2018
1.	Academic Block for Tourism & Hospitality(G+1)	G.F slab laid.	1) Two storey structure Completed. 2) Finishing work in Progress.
2.	Women's Hostel (G+2)	1) G. Floor slab completed. 2) F. Floor Columns and Brick work raised up to slab level.	1) F. Floor slab. 2) 2 nd . Floor Columns & Brickwork raised up to Roof Level. 3) Finishing work of 02 Floors completed and Sanitary work in progress.
3.	Academic Block for Mathematics (G+2)	1) G. Floor Columns & Brick work raised up to window height.	1) G.F/F. Floor slab laid. 2) Third Storey Columns & Brickwork raised up to Window Height. 3) Inside Plastering and Flooring of Ground Floor completed. 4) Finishing work in First Floor in progress
4.	Academic Block for Urdu & Islamic Studies (G+1)	1) G. Floor flooring in progress.	1) G. Floor columns raised and slab completed. 2) 2 nd . Floor Columns & Brickwork raised up to window height. 3) Internal Plastering Finishing work ground floor completed.
5.	Construction of Retaining wall on back side of Urdu & Islamic Studies building.	Nil	R/Wall of 62 Ft. length completed.

6.	Construction of Retaining wall in front of P.G Hostel Block-A (Maulana Azad Hostel).	Nil	Retaining wall 100 Rft of about 20 Ft. height completed.
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WORKS AWARDED TO J&KPCC LTD.

S.No	Name of work	Status as on 01-03-2017	Status as on 31-03-2018
1	Central Library A)(Ground Floor only) B) Additional First & 2 nd Floors of Central Library.	G. Floor Plinth Beam and Columns raised up to window level. Nil	G .Floor structure completed, Tile flooring in progress. Additional F.F/ 2 nd Floor slabs laid. Brick work 90% completed. Inside plastering work in progress.
2	Boys Hostel (Scholar House) (G+1)	Structure raised up to slab level.	G.F/F.F slabs laid. Brick work completed. Inside finishing work in progress.
3	SC/ST Hostel (under AICTE Funding).	Nil	Structure raised on existing First Floor Slab of Boys Hostel (Under Construction). Slab laid, brick work 80% completed.
4.	Academic Block for Botany & Zoology. (G+2)	G. Floor slab laid. Brick work of First Floor raised up to slab level.	First Floor and 2 nd Floor slab laid. Brickwork completed. Finishing work (outside/inside) 80% completed. Water proofing of roof slab in progress.
5	Construction of Guest House. (Ground +1)	Nil.	Column Footings in progress.

INFRASTRUCTURE CREATED DURING THE YEAR 2017-2018

S.No	Name of work	Status as on 01-03-2017	Status as on 31-03-2018
1	Creation of Faculty Cabins in R&D Block of Engineering College and	Nil	Work completed by way of Aluminium Partitions.

	Work shop building of Polytechnic		
2	Creation of 04 No. Recreation Halls in existing Hostels. (BJJR Hostel, APJ Hostel, Fatima Zahara Hall and Alama Iqbal Hostel)	Nil	Completed and made functional after dismantling central walls of two Rooms in each Hostel and painting & other repair work.
3	Creation of 02 No. Smart Class rooms with Laying of Vitrified Tile Flooring, Painting and False ceiling in Two Halls of Administrative Block (Polytechnic.)	Nil	Two No. Smart Class Rooms created and made functional with installation of Electronic Gadgets.
4	Additional accommodation to Registrar's Quarter. (Prefab. Building)	Nil	Additional Two rooms /Bath rooms completed except Painting and fixing of Door/Window shutters.
5	Construction of Kitchen Near Peer Paul Canteen.	Nil	Completed in all respects and made functional.
6	Construction of Compound wall & Security Post near Women's Hostel	Nil	Completed
7	Up-gradation of electric substation at stage zero	Nil	Station ungraded by way of replacing 63KVA Transformer to 100 KVA Transformer.
8	Remodeling of Peer paul Canteen	Nil	Work completed and canteen made functional.
9	Creation of residential accommodation for 2 nd session of Nursing students at Nursing College Jammu.	Nil	Five no. rooms carved out to accommodate new session students by way of providing aluminum partition in three no. existing Halls of rented accommodation.

LIST OF MINOR WORKS COMPLETED DURING THE PERIOD 2017-2018

S.No	Name of work	Status as on 01-03-2017	Status as on 31-03-2018
1	Academic Block for Polytechnic .(G+2)	Three storey Structure completed and made functional except few allied works.	Allied works like, False Ceiling, Steel Railing to two No. Connecting Bridge completed. Providing Soffits to Hall to avoid entry of Pigeons /Birds etc. including Electrification to Conference Hall completed.
2	Administrative Block for Polytechnic. (G+1)	Double storey structure completed except Sanitary work, Railing, Grills & Electrification.	Building completed and made functional incl. rectification of Sanitary work, P/F steel railing, Grills, Collapsible Gate. Electrification with Fixing of Fans & fixtures.
3	Face lifting of Dining/Mess Block –C ,P.G. Hostel block- B from outside and inner side.		Completed
4	Repair work by way of repair to Sanitary fitting and laying of Tiles in Bath Room in V.C Lodge & Repair to Compound wall by way of Plastering including painting along the Road side at V.C Lodge.		Completed
5	Repair to Aluminium Door/Windows in ERE and R&D department and Engineering College Building No.03.		Completed
6	Repair/Painting work to School of Management Studies building.		Completed

7	Face Lifting to P.G Hostel block –C by way of Painting & white washing.(Outside only)		Completed
8	Face Lifting to P.G Hostel block –A- by way of Painting & white washing. (Inside and outside)		Completed
9	Painting work/Repairing work of Sab Rang square, Health Centre, Polytechnic and V.C's office on eve of Governor's Visit.		Completed
10	Repairing of Tile flooring in R&D Block of Engineering College building.		Work completed
11	Painting and distempering work in Conference hall at Biodiversity.		Work completed

LIST OF PROJECTS SUBMITTED TO HIGHER AUTHORITIES

S.No	Name of work	Estimated Cost
1	Detailed Project report for construction of Hostel Block (30 Bedded) under TSP in the Nursing College at BGSB University, Rajouri. (Sent to Registrar vide No. BGSBU/EE/302-03 Dated 24-03-2017)	222.00 Lacs
2	i) DPR for construction of Proposed Synthetic Hockey field under Khelo India Scheme at BGSB University Rajouri = Rs. 550.00 Lacs ii) DPR for construction of Proposed Synthetic Turf under Khelo India Scheme at BGSB University Rajouri.	

	<p style="text-align: right;">=Rs. 500.00 Lacs</p> <p>iii) DPR for construction of Proposed Synthetic Athletic Track under Khelo India Scheme at BGSB University Rajouri.</p> <p style="text-align: right;">= Rs.700.00 Lacs</p> <p>iv) DPR for construction of Proposed Multipurpose Hall of size 60x40Mx12.5M under Khelo India Scheme at BGSB University Rajouri.</p> <p style="text-align: right;">=Rs. 800.00 Lacs</p> <p>(Sent to Registrar vide No. BGSBU/EE/417 dated 10-04-2017)</p>	
3	<p>Proposal for Establishment of Centrally Sponsored Polytechnic Institute at BGSB University Rajouri.</p> <p>File-I DPRs for four No. buildings pertaining to Polytechnic Institute</p> <p>(03 No. buildings completed and one No. Building of LABORATORY BLoCK yet to be started = Rs. 1612.00 Lacs.</p> <p>File-II DPRs for 03 No. New buildings proposed to be</p> <p style="text-align: center;">Constructed for Polytechnic Institute i.e. Staff quarters, Additional Academic Block & Hostel building. = Rs. 1741.00 Lacs.</p> <p>(02 No. files sent to Registrar office vide No. 1135-36</p> <p>Dated 28/08/2017.</p>	
4	<p>Submission of DPRs under University Grant Commission.</p> <p>1) Construction of Administrative Block= 943.00 Lacs</p> <p>2) Construction of Indoor Stadium =1685.00 lacs.</p> <p>3) Construction of Auditorium = 3191.00 Lacs.</p> <p>4) Academic Block for</p> <p style="padding-left: 20px;">i)School of Management = 659.00 Lacs</p> <p style="padding-left: 20px;">ii) School of Engineering Technology = 659.00 Lacs.</p> <p style="padding-left: 20px;">iii) School of Islamic Studies and</p> <p style="padding-left: 40px;">Languages = 659.00 Lacs</p> <p style="padding-left: 20px;">iv) School of Material Sciences and</p>	

	<p>Nano Technology = <u>659.00 Lacs</u> T = Rs. 2636.00 Lacs</p> <p>5)Construction of Boys Hostel. = Rs.809.00 Lacs. 6) Construction of Girls Hostel = Rs.809.00 lacs 7) Construction of 36 no. Staff Quarters = <u>Rs.1004.00 Lacs.</u> Total= Rs. 11077 Lacs say Rs.110.77 Crores</p> <p>(07 No. Files in original sent to Registrar vide No. 1137-38 Dated 28-08-2017)</p>	110.77 Crores
5	<p>DPR for Construction of Computer Centre Under UGC Scheme (Ground Floor area)= 6281 Sft.</p> <p>(Submitted to Registrar vide No. 1219-21 Dated 14/09/2017)</p>	266.00 Lacs
6	<p>DPR for Construction of OBC Boys Hostel under Centrally Sponsored Scheme at BGSB University, Rajouri.</p> <p>(Sent to District Social Welfare officer Rajouri vide Registrar's No. Dated:</p>	673.00 Lacs
7	<p>08 No .Estimates (05 No. estimates for making new courts and 01 No. for repairs to Basket Ball court near Ziarat) and repair to existing Drain in Fatima Zahara Hall and making new drains etc. under Sports.</p> <p>(Submitted vide No.45-46 dated 24-01-2018)</p>	13.66 Lacs
8	A Project Report of Water supply Scheme (Complete file of 187 pages)	
9	Construction of Tribal Hostel for 30 inmates	164.00 Lacs

SERVICES

NATIONAL ACADEMIC DEPOSITORY (NAD)

The vision of National Academic Depository (NAD) is born out of an initiative to provide an online store house of all academic awards. National Academic Depository (NAD) is a 24X7 online store house of all academic awards viz. certificates, diplomas, degrees, mark-sheets etc. duly digitised and lodged by academic institutions / boards / eligibility assessment bodies. NAD not only ensures easy access to and retrieval of an academic award but also validates and guarantees its authenticity and safe storage.

National Academic Depository comprises of two interoperable digital depositories viz. CDSL Ventures Limited (CVL) and NSDL Database Management Limited (NDML). These digital depositories have ensured hardware, network facilities and software of prescribed quality for smooth and secured operationalisation of NAD.

FEATURES OF NAD

NAD will:

- Operate in fully online mode
- Allow lodging of Academic awards in a digital format, maintaining the integrity of access to the database and of the awards lodged in the database.
- Allow students to retrieve their lodged academic awards at any time.
- Allow employers and other person with prior approval of the concerned student to verify the authenticity of any academic award.
- Maintain the authenticity, integrity and confidentiality of the database.

In BGSBU Sh. Mohammad Ishaq, Controller Examination has been appointed as Administrator (NAD) while Dr. Sanjay Jamwal is appointed as Nodal Officer .

NATIONAL INSTITUTIONAL RANKING FRAMEWORK

The National Institutional Ranking Framework (NIRF) was approved by the MHRD and launched by Honourable Minister of Human Resource Development on 29th September 2015.

This framework outlines a methodology to rank institutions across the country. The methodology draws from the overall recommendations broad understanding arrived at by a Core Committee set up by MHRD, to identify the broad parameters for ranking various universities and institutions. The parameters broadly cover “Teaching, Learning and Resources,” “Research and Professional Practices,” “Graduation Outcomes,” “Outreach and Inclusivity,” and “Perception”.

In BGSBU following Faculty Members have been given the charge or Coordinator NIRF

COORDINATOR

- NIRF University Coordinator: **Majid Bashir Malik**
(majidbashirmalik@bgsbu.ac.in)
- NIRF Engineering Coordinator: **Er. Junaid Dar**
(junaid@bgsbu.ac.in)
- NIRF Management Coordinator: **Mr. Vinay Sharma**
(vinaysharma@bgsbu.ac.in)

NATIONAL KNOWLEDGE NETWORK

The NKN Node at Baba Ghulam Shah Badshah University is a part of the nationwide National Knowledge Network established by Ministry of Human Resource Development, Govt. of India. The idea of setting up the NKN at the national level was deliberated & finalised at the office of Principal Scientific Advisor (PSA) to the Government of India (GoI) and the National Knowledge Commission (NKC), whereas, the National Informatics Centre was designated as implementing agency for NKN. NKN was approved in March 2010 by the Union Cabinet with an outlay of Rs. 5990 Crores. Major objectives envisaged under the NKN are as under:

- Establishing a high-speed backbone connectivity which will enable knowledge and information sharing.

- Enabling collaborative research, development and Innovation Facilitating advanced distance education in specialized fields such as engineering, science, medicine etc.
- Facilitating an ultra High speed backbone for e-Governance
- Facilitating integration of different sectoral networks in the field of research , education, health, commerce and governance.

The main objective of the National Knowledge Network (NKN) is to interconnect all institutions of higher learning and research with a high speed data communication network to facilitate knowledge sharing and collaborative research.

The NKN Node at BGSB University is linked to the national network with 1Gbps fibre optic link. We provide Internet connectivity to the students, scholars, teachers and staff of the University through campus wide Local Area Network (LAN). The network/architecture comprises of Quidway S9303 (Terabit routing switch) L3 switches, Quidway S-5300 Series L2 Switches and Eudemon 200E Series Router/Firewall. The existing infrastructure is capable of providing high speed Internet connectivity to more than 2000 users round the clock throughout the year.

All the teaching departments, research laboratories, libraries, hostels, offices and other facilities are connected to the Internet and are providing uninterrupted connectivity through more than 500 copper links. These departments and other facilities are connected to the main distribution point in the Server Room of BGSBU-NKN through more than 7 kilometres of fibre optic backbone. The Internet connectivity is being augmented with the help of fibre optic backbone and copper links in the newly constructed buildings and recently opened colleges and departments.

The university has seen a paradigm shift in providing facilities and services to all the stakeholders, particularly students and teachers after the joining of the incumbent Vice Chancellor. In this endeavour the NKN of BGSB University is shortly going to make the entire campus a Wi-Fi zone so as to provide seamless, on-the-go Internet connectivity to all the stakeholders.

Mr. Malik Mubasher Hassan, a faculty member has been given the charge as Nodal Officer NKN while Dr. Majid Bashir, another faculty member is Project Coordinator.

COMPUTER MAINTENANCE WING (CMW)

University Maintenance Wing (CMW) under Department of Computer Sciences, BGSBU has established to provide hardware and software support to the desktop users of the University. CMW is situated at the Computer Science Department (MCA). Technical support is available between 09:00 AM to 04:30 PM from Monday to Saturday (Except Holidays). Mr. Gurpreet Singh handles the day-to-day routine technical jobs in CMW.

SERVICES

Desktop Maintenance is inclusive of all hardware support viz. Motherboard, HDD, SMPS, CPU, Keyboard, Mouse etc. and general purpose software installed in the Desktops and peripherals.

All printers for minor repair on charges basis other than printers produced by university which has comprehensive AMC with the original supplier. University has procured Antivirus Software.

PROCESS

The User has to lodge a complaint by submitting job card.

User is given a job no as a reference. On the basis of the job card and the corresponding reference number, problems with regard to hardware/software are rectified and the same is given back to the user after necessary repair work.

In case of problems related to operating system of a desktop or laptops under warranty (e.g. Windows), the supplier of Desktop or OEM of Desktop/Laptop (i.e DELL/ACER/WIPRO/HP etc.) should be contracted.

To start the process kindly download the Job Card and Indent Form from links provided below

SWACHH BHARAT ABHIYAN, BGSBU

Swachh Bharat Abhiyan (Clean India Movement) is a campaign by the Government of India to clean the streets, roads and infrastructure of the country's 4,041 statutory cities and towns. It includes ambassadors and activities such as run, national real-time monitoring or spread of updated NGOs practices. The campaign was officially launched on 2 October 2014 at Rajghat, New Delhi, by Hon'ble Prime Minister Narendra Modi. It is India's largest ever cleanliness drive with 3 million government employees, and especially school and college students from all parts of India, Participating in the campaign.

Swachh Bharat Abhiyan in the BGSBU University

The BGSBU University has a volunteer strength of students, scholars and teachers in all the departments. These volunteers are led by Dr. Pervez Abdulla, Coordinator. Initially, a cleanliness week was observed from the 25th of September to the 1st of October 2014, charged with a variety of activities ranging from students wielding the broom and cleaning the academic blocks, identifying innovative ideas to maintain cleanliness, and teachers motivating students to inculcate maintain their surroundings by prioritizing cleanliness in the workplace. Teachers, students and administrative staff of various departments cleaned not only their respective rooms but also the gardens and corridors of the academic departments along with different locations on the campus. Departmental seminars and workshops were held to discuss the necessity of enforcement of the cleanliness measures planned. Posters were put up across our campus and pamphlets distributed to spread awareness about cleanliness, hygiene and sanitation. Awareness about the significance of cleanliness was also spread through multiple means including ' Nukkad Natak" performed by students of BGSBU, various competitions, quizzes and interactive sessions etc.

Students from each department initiated the drive by starting with cleaning their own departments and then pitching in to clean other areas of our university. The student/teachers volunteers not only cleaned the campus area, but also carried out a cleanliness drive by spreading awareness about hygiene and sanitation among the villagers. Another drive was initiated in our university's hostel with all Wardens and students coming together to sweep the hostels clean. Views and suggestions were taken from the students in the form of essays and to motivate them to come with newer ideas to keep our hostels clean, including efficient waste disposal, the need for regular maintenance and educating peers about the

significance of devote themselves to the cause of building a hygiene environment. Our Vice Chancellor along with the volunteers/Medical Officer of the university visited all the departments, hostels to inspect their cleanliness and to interact with students and educating them about cleanliness and sanitation.

Thus, Swachh Bharat Abhiyan was initiated with vigor and zeal in our university, and has thus carved a way for us to realize the objective of this nationwide movement in the days to come.

- Frequent cleanliness drives by students of the university at various prominent places in the University Campus throughout the year.
- Cleanliness Drive by the Students of Management Studies MBA 2nd semester at University Peerpal Café wherein students were taught to segregate the waste material.
- Every day after 2pm Safaikaramcharis of the university after their routine work at the place of their posting help in disposing waste material produced from University Cafeterias, Staff Quarters, Roads of the University and this forms to be the regular feature of University Swachh Bharat Abhiyan (USBA) since its Inception.
- Swacchta Pakhwada was held in the University from 7th September to 21st September 2017 wherein all participated at department level which included activities like clean mess day, green campus day, care for surroundings, awareness campaigns.
- In a Programme-Cleanliness drive and Polythene free campus, organized by Department of Electronics and Communication SOET, Oath Ceremony was initiated by Coordinator, USBA at Sabrang Square wherein hundreds of students and many teachers participated to keep campus clean and polythene free.
- The University has collaborated with Department of Panchayat, Government of J&K who have provided dust bins free of cost.

Dr. Pervez Abdulla, a faculty member is Coordinator (SBA)

NSS IN BGSBU

The National Service owes its origin to the philosophy of Mahatma Gandhi, Who believed that the first duty of the students was not to treat their period of study as an opportunity for intellectual luxury, but to prepare themselves for final dedication in the service of society. In the post-independence era, the University Grants commission headed by Dr. S. Radhakrishnan recommended introduction of National Service Scheme in the academic institutions on a voluntary basis with a view to developing health contacts between the students and teachers on the one hand and establishing a constructive linkage between the campus and the community on the other hand.

The idea was considered by policy makers and committees like the Central Advisory Board of Education (1950), National Service Committee (1959) and the Education Commission headed by Dr. D.S. Kothari (1964-66). In 1958, the then Prime Minister Pandit Jawaharlal nehru in his letter to the Chief Ministers, had also mooted the idea of having social service as a prerequisite for graduation. The Education Ministers Conference of 1959, the Vice Chancellors Conference of 1967 and the Conference of Student Representatives of the universities and institutions of higher learning convened by the Ministry of Education and the Universities Grant Commission also unanimously declared that national service could be a powerful instrument for national integration. And finally, on September 24, Gandhi Centenary year (1969), the Union Education Minister Dr. V.K.R.V. rao, launched the NSS programme in 37 universities covering all states.

National Service Scheme in the BGSB University

The University has started NSS in the year 2017. The BGSB University has a volunteer strength of students, scholars and teachers in all the departments. These volunteers are led by Mr. Danish Iqbal Raina, Coordinator NSS. NSS being a value based volunteer programme, has always remained close to the burning issues that affect the society. NSS volunteers programme, has always come into the forefront to extend voluntary service during natural calamities like Drought, Flood, Cyclone, Earthquake and Tsunami.

UNIVERSITY GRIEVANCES REDRESSAL CELL

BGSBU has an effective mechanism in place to deal with day to day grievances related to students and parents. Grievance Redressal Cell was constituted in the University in accordance with the University Grants Commission regulations. The Grievance Redressal Cell of BGSB University has been constituted with an aim to provide easy and readily accessible machinery for prompt disposal of the day to day genuine grievance of the student community and to make the student community to pursue their education at a congenial atmosphere. Any student with a genuine grievance may approach the Grievance Redressal Cell to submit his/her grievance in writing to the chairman, Centre for student Affairs, BGSB University, Rajouri. Grievances submitted by the students are addressed Systematically with active involvement and cooperation of the respective college/office connected with the grievance, maintaining necessary confidentiality in handling process.

BGSB University has emerged into an appropriate forum providing support and encouragement to all the students and expresses their Grievances Redressal Cell at grievances freely and frankly. It is striving to ensure a responsive and accountable attitude among the authorities concerned.

OBJECTIVES

- To introduce a fair, impartial and consistent mechanism for redressal of various issues faced by the students/parents
- To develop a responsive and accountable attitude among all stakeholders, thereby maintaining a harmonious atmosphere in the College/University Campus
- To advise stakeholders to respect the right and dignity of one another, and not to behave in a vindictive manner towards any of them for any of them for any reason ; and
- To ensure that grievances are resolved promptly, neutrally and in complete confidentiality.
- To uphold the dignity of the University by Promoting cordial Student-teacher relationship.

FUNCTIONS

The Cases will be attended promptly on receipt of written grievances from the students.

- The Cell formally will review all cases and will act accordingly.
- The cell will give report to the authority about the cases attended to and the number of pending cases, if any, which require direction and guidance from the higher authorities.

UNIVERSITY ANTI RAGGING CELL

BGSBU University is one among the many institutes in India which aims at achieving both student discipline and academic excellence. Our University maintains a healthy and congenial academic environment for the students. The institution offers protection to the new entrants from the menace of ragging. In this regard our University has constituted an Anti Ragging Cell (ARC).

The Cell is headed by Prof. M. Asger, Dean Students Welfare, Along with other committee members comprising of senior faculties and hostel wardens. Anti Ragging Squad members and Anti Ragging Bus Incharges have been deputed from all departments to monitor students discipline both inside the campus and on board. In order to maintain the discipline among boys and girls hostels, ARC Hostel incharge have been allotted.

IT CELL, BGSBU

Information Technology is the backbone of the success of every organization especially for an education institution. Keeping in view the necessity, the IT cell of the University has been established in March, 2018 with an objective to create a speedy and rapid functioning of the administrative work and academic activities. The cell shall foster the growth of the University by maximizing the usages of Information Technology. The IT Cell currently looks after the University work related with the Automation, Electronic Information Exchange. It also includes complete University Websites' functioning such as development and maintenance, unloading of information etc. The IT Cell also manages the official E-mail id of the scholars, teachers and employees. Currently the IT Cell is working on online form filling and fee deposition (for admission and examination). The IT Cell of BGSBU also plans to develop Enterprise Resource Planning (ERP) for the University Automation. IT Cell also

takes the responsibility of implementation of modern trends in the campus and in April 2018, established two Virtual Smart Class Rooms. The cell will also facilitate on the more usages of the advanced information technologies and communication for avoiding the duplication of the work and hassle free functioning.

OBJECTIVES

- ERP implementation for accounts Department, examinations Department and admission in college and University Departments.
- Online availability of the Information through University website.
- Community welfare by providing timely information on the University website and Social media.
- Establishing the Virtual Classroom for the expansion of academics and arrange Virtual Lectures (webinars) with the help of IITs and IIMs and Universities of repute at National and International level.
- Promotion of Information Technology education and Information Technology-based education
- Automation and digitalization of the Affiliation Department and Examination Department.
- Easy and safe access of information between students and faculties.
- Promote good Governance practice.

The IT Cell is in its initial stage, however is steadily striving for best accomplishments.

The team currently comprises of

Er. Malik Mubashir

(I/C IT CELL)

email: itcell@bgsbu.ac.in

Mir Aadil

(SYSTEM ADMINISTRATOR)

E-mail: systemadmin@bgsbu.ac.in

Mobile: 09906267483.

Er. Taseem Mufti

(PROGRAMMER)

Email: programmer@bgsbu.ac.in

Mobile: 07006321557.

BGSBU RTI Cell

The Right to Information Act, 2005 (22 of 2005) has been enacted by the Parliament and has come into force from 15 June, 2005. This Act provides for right to information for citizens to secure access to information under the control of public authorities in order to promote transparency and accountability in the working of every public authority. All Universities and Colleges established by law made by parliament or by State Legislature or by notification by the appropriate government or owned, controlled or substantially financed directly or indirectly by funds provided by the Government shall come within the meaning of a Public Authority under this Act.

Sh. Mohammed Ishaq is first Appellate Authority while Sh. Mohammed Qasim, Deputy Registrar and Ms Shabina Nazir is Public Information Officer.

Name of Department / PA	No. of requests received by each Public Authority during the period under report.	No. of decisions where applications were not entitled to access the documents pursuant to the requests, provisions of the act under which these decisions were made and the number of times such provisions were invoked.	The No. of appeals referred to SIC for review, the nature of appeals & outcome of appeals	Amount of charges collected by each public Authority under this Act

The Registrar, Baba Ghulam Shah Badshah University, Rajouri.	April, 2017 to March, 2018	25	02	• Nil	• Fee Rs. 460/-.
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FORMAT-II

Name of Department / PA	Details of disciplinary action taken against any officer in respect of adm. of this act.	The details that indicates efforts made by the PA to administer & implement the spirit 7 intention of the Act.	Suitable suggestions for reform incl. those required for development, improvement, modernization, reform & amendment to the act or other legislation or common law or any other matter relevant for operationizing the right to access information.
Baba Ghulam Shah Badshah University, Rajouri.	Nil	Implemented with letter and spirit	Fee should be deposited in the concerned section.

APPLICATIONS RECEIVED UNDER ACT DURING 2017-18.

Name of RTI Applicant	ID No. & Dated	Disposal (Yes/No)	Total fee received (Rs.)	Remarks
R.C. Menia	01 dated 10-04-2017	Yes	10.00	
MohdArif	02 dated 16-05-2017	Yes	00.00	Fee deposited through challan.
AjitVerma	03 dated 16-05-2017	Yes	00.00	Request pertains to PIO Examinations and Academics Affairs.
KumailMurtaza	04 dated 21-07-2017	Yes	20.00	
Veer	05 dated 18-07-2017	No	10.00	Applicant requested to deposit additional fee but till date no response received.
Mudasir Ahmed Mir	06 dated 31-07-2017	Yes	20.00	
Bashrat Masood	07 dated 05-08-2017	Yes	10.00	Request pertains to PIO Examinations and Academics Affairs.
Amit Padha	08 dated 08-08-	Yes	10.00	

	2017			
MohdShafiq	09 dated 09-08-2017	Yes	10.00	
AftabMajeed	10 dated 29-08-2017	Yes	50.00	
Bilal Ahmed	11 dated 15-09-2017	Yes	70.00	
Ajay Singh Manhas	12 dated 18-09-2017	Yes	10.00	
Zaffar Iqbal	13 dated 06-10-2017	Yes	10.00	
Bilal Ahmed	14 dated 07-10-2017	Yes	10.00	
Ajay Singh Manhas	15 dated 13-10-2017	Yes	20.00	
Mohdzabair	16 dated 13-10-2017	Yes	10.00	
Naseerul Rasheed Rather	17 dated 17-10-2017	Yes	00.00	Fee deposited through challan.
Aatief Mehraj	18 dated 27-10-2017	No	00.00	Request received under section 6(3) and assistance required from DR Establishment but no response received.
Deepak Kumar	19 dated 06-12-2017	Yes	10.00	
Israr Mirza	20 dated 18-12-2017	Yes	10.00	
Mohd Abass Wani	21 dated 18-12-2017	No	10.00	Applicant requested to deposit additional fee but till date no response received.
National Hill Touch Foundation	22 dated 28-12-2017	Yes	00.00	Fee deposited through challan.
Waheed Ahmed	23 dated 04-01-2018	Yes	00.00	Fee deposited through challan.
Rashid Abas Khan	24 dated 27-01-2018	Yes	60.00	
Jatinder Kumar	26 dated 03-03-2018	Yes	100.00	
Total			460.00	
				Rupees Four Hundred Sixty only

INDIAN POSTAL ORDERS RECEIVED ALONGWITH RTI APPLICATIONS.

S. No	Name of RTI Applicant	ID No. & Dated	IPO No.	Amount (Rs.)	Remarks
1.	ParteekRamotra	01 dated 7/04/2016	29F 900140	10	
2.	Bal Krishan Bhat	02 dated 25/04/2016	21F 748413	10	
3.	Manzar Ali	03 dated 29/04/2016	32F 189987	10	
4.	Qasim Ali	04 dated 29/04/2016	21F 748741	10	
5.	Qasim Ali	05 dated 29/04/2016	21F 748740	10	
6.	Ram Rattan	06 dated 29/04/2016	21F 748775	10	
7.	Vinod Kumar	07 dated 29/04/2016	21F 748774	10	
8.	Narotam Kumar	08 dated 13/05/2016	21F 748776	10	
9.	Mohd Hussain	09 dated 25/05/2016	21F 747441	10	
10.	Kilash C Raina	10 dated 08/06/2016	29F 901182	10	
11.	RohitSawhney	11 dated 15/06/2016	21F 748778	10	
12.	Bhola Ram	12 dated 15/06/2016	21F 748781	10	
Total				120/-	
Rupees one Hundred twenty only					

UNIVERSITY DAY CARE CENTRE (CRECHE)

The UGC has introduced a Scheme for Day Care Centre in Universities (Xth Plan) to provide day care facilities on payment basis at universities for children of around one year to six years of age when their parents (University Employees/Students) are away from home during the day. It also includes the wards of male employees, scholars, students whose wives are working elsewhere. The main objective is to help the women and working parents (Universities Employee) for pursuing their academic career. All eligible Universities under section 12(B) of the UGC Act are considered under the scheme.

BGSB University has also started child care programmes (Creche) within the campus to help working employees of the university relating to the welfare and well being if their children.

The safety and security of children is a major issue with university employees especially women or working mothers. Therefore, BGSBU Day care centre aims at providing comfortable safe and secure environment to the child.

Indoor games, colourful charts & pictures, educative toys & blocks and other learning material to develop cognitive skills of the children are provided in the centre.

WOMAN CELL, BGSBU

Under Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013 vide Chapter II, University has constituted Internal Complaints Committee.

CONSTITUTION OF INTERNAL COMPLAINTS COMMITTEE.

According to Act

- Every employer of a workplace shall, by an order in writing, constitute a Committee to be known as the "Internal Complaints Committee":

Provided that where the offices or administrative units of the workplace are located at different places or divisional or sub-divisional level, the Internal Committee shall be constituted at all administrative units or offices.

- The Internal Committee shall consist of the following members to be nominated by the employer, namely:—
 - a Presiding Officer who shall be a woman employed at a senior level at workplace from amongst the employees:

Provided that in case a senior level woman employee is not available, the Presiding Officer shall be nominated from other offices or administrative units of the workplace referred to in sub-section (I):

Provided further that in case the other offices or administrative units of the workplace do not have a senior level woman employee, the Presiding Officer shall be nominated from any other workplace of the same employer or other department or organisation;

- not less than two Members from amongst employees preferably committed to the cause of women or who have had experience in social work or have legal knowledge;
- one member from amongst non-governmental organisations or associations committed to the cause of women or a person familiar with the issues relating to sexual harassment:

Provided that at least one-half of the total Members so nominated shall be women.

- The Presiding Officer and every Member of the Internal Committee shall hold office for such period, not exceeding three years, from the date of their nomination as may be specified by the employer.

- The Member appointed from amongst the non-governmental organisations or associations shall be paid such fees or allowances for holding the proceedings of the Internal Committee, by the employer, as may be prescribed.
- Where the Presiding Officer or any Member of the Internal Committee, - -
 - contravenes the provisions of section 16; or
 - has been convicted for an offence or an inquiry into an offence under any law for the time being in force is pending against him; or
 - he has been found guilty in any disciplinary proceedings or a disciplinary proceeding is pending against him; or
 - has so abused his position as to render his continuance in office prejudicial to the public interest, such Presiding Officer or Member, as the case may be, shall be removed from the Committee and the vacancy so created or any casual vacancy shall be filled by fresh nomination in accordance with the provisions of this section

SPORTS ACTIVITIES

Name of Games/Sports	Date &Year	Category of Sports Competition	Date and Venue	Achievement /Performance
Cricket (W)	3-9 April, 2017	1 st State Universities Sports Championship 2017	University of Jammu, Jammu held in the month of April. 2017	2 nd Position
Cricket (M)	3-9 April, 2017	1 st State Universities Sports Championship 2017	University of Jammu, Jammu held in the month of April. 2017	3 rd Position
Volleyball (M)	3-9 April, 2017	1 st State Universities Sports Championship 2017	University of Jammu, Jammu held in the month of April. 2017	3 rd Position
Volleyball (W)	3-9 April, 2017	1 st State Universities Sports Championship 2017	University of Jammu, Jammu held in the month of April. 2017	3 rd Position
Table Tennis (M)	3-9 April, 2017	1 st State Universities Sports Championship 2017	University of Jammu, Jammu held in the month of April. 2017	3 rd Position
Table Tennis (W)	3-9 April, 2017	1 st State Universities Sports Championship 2017	University of Jammu, Jammu held in the month of April. 2017	3 rd Position
Football (M)	3-9 April, 2017	1 st State Universities Sports Championship 2017	University of Jammu, Jammu held in the month of April. 2017	Participation
Basketball (M)	3-9 April, 2017	1 st State Universities Sports Championship	University of Jammu, Jammu held in the month	Participation

		2017	of April. 2017	
Badminton (M)	3-9 April, 2017	1 st State Universities Sports Championship 2017	University of Jammu, Jammu held in the month of April. 2017	Participation
Badminton (W)	3-9 April, 2017	1 st State Universities Sports Championship 2017	University of Jammu, Jammu held in the month of April. 2017	Participation
Cricket (M)	Oct, 2017	Inter Department (16 Teams)	Sports Stadium Rajouri	B. Tech ECE Winners , B. Tech Civil Runner- up
Cricket (Teaching Non Teaching)	Oct, 2017	04 teams participated	Sports Stadium Rajouri	SoET Teacher Winners, PG Teacher Runner-up
Volley ball (M)	Oct, 2017	Inter Department (08Teams)	PG boys Hostel Volleyball ground	PG Mathematical Sciences Winner B.Tech Civil Runner- up
Annual Trekking (M/W)	Oct, 2017	BGSB University Consisting of 90 members (M/W) Including Staff members	DKG to Noori Chamb Via Rattan Shah	Participation
Football (M)	Oct Nov.2017	Inter Department (08Teams)	University Football Ground	B. Tech ERE Winners , B.Tech Civil Runner- up
Cricket (W)	Nov.2017	04 teams participated	Sports Stadium Rajouri	B.Tech ERE Winner B.Tech CSE Runner-up

Volleyball (W)		04 teams participated	Sports Stadium Rajouri	B.Tech CSE Winner PG Mathematical Sciences Runner-up
Football (M)	March 2018	Selection Trials	University Campus	-
Cricket (W)	March 2018	Selection Trials	University Campus	-
Volleyball (W)	March 2018	Selection Trials	University Campus	-
Cricket (M)	March 2018	Selection Trials	DPL Ground Rajouri	-
Basketball (M)	March 2018	Selection Trials	University Campus	
Cricket (W)	22-27 March 2018	2 nd State Universities Sports Championship 2018	University of Jammu, Jammu held in the month of March. 2018	3 rd Position
Cricket (M)	22-27 March 2018	2 nd State Universities Sports Championship 2018	University of Jammu, Jammu held in the month of March. 2018	Participation
Volleyball (M)	22-27 March 2018	2 nd State Universities Sports Championship 2018	University of Jammu, Jammu held in the month of March. 2018	Qualified up to Semi final
Volleyball (W)	22-27 March 2018	2 nd State Universities Sports Championship 2018	University of Jammu, Jammu held in the month of March. 2018	Qualified up to Semi final
Table Tennis (M)	22-27 March 2018	2 nd State Universities Sports Championship 2018	University of Jammu, Jammu held in the month of March. 2018	Participation

Football (M)	22-27 March 2018	2 nd State Universities Sports Championship 2018	University of Jammu, Jammu held in the month of March. 2018	3 rd Position
Basketball (M)	22-27 March 2018	2 nd State Universities Sports Championship 2018	University of Jammu, Jammu held in the month of March. 2018	Participation
Badminton (M)	22-27 March 2018	2 nd State Universities Sports Championship 2018	University of Jammu, Jammu held in the month of March. 2018	Participation
Badminton (W)	22-27 March 2018	2 nd State Universities Sports Championship 2018	University of Jammu, Jammu held in the month of March. 2018	Participation

Summary of total participation:-

• 1 st State Universities Spots championship 2017	105
• Domestic Activities	576
• Annual Trekking (M/W)	90
• 2 nd State Universities Sports Championship 2018	101
• Selection Trials	<u>140</u>
G. Total	1012 Players (M/W)

VITAL PROJECTS

TEQIP-III PROJECT IN BABA GHULAM SHAH BADSHAH UNIVERSITY

BGSBU submitted its Institutional Development Plan (IDP) to MHRD for the sanction of TEQIP-III grant to the university which was later on approved and a grant of Rs 15 Crore was sanctioned for the duration of three years. The BGSBU was considered under 1.1 category as mentor institution and the Zakir Hussein College of Engineering and Technology (ZHCET), AMU, Aligarh was chosen as the mentor institution under the mandatory twinning program between the two institutions.

The grant was to be released on quarterly basis following the approval of Action Plan which is require to be submitted by the institution. The institution is mandated to follow the guidelines as stipulated by National Project Implementation Unit (NPIU) , New Delhi under the under the overall control of World Bank and MHRD, New Delhi.

TEQIP

Technical Education Quality Improvement Programme of Government of India (TEQIP), implemented as a World Bank assisted Project to improve the quality of technical education system in the country.

During 1991 to 2007, NPIU implemented three technical education Projects of Government of India assisted by World Bank, which helped to strengthen and upgrade the technical education System and benefited 552 polytechnics in 27 states including UTs of Andaman & Nicobar Islands and Puducherry. These three projects have been rated as "Highly Satisfactory" on Project Management and Implementation, which is highest rating, provided by the World Bank. Success of three technical Projects has encouraged the Govt. of India to seek similar financial assistance from World Bank for a systemic transformation of the technical education system as a whole with special focus on overall quality improvement in engineering education.

World Bank took keen interest in systemic transformation of India's technical education system to make it globally competitive and showed its willingness to assist the Government of India to launch a Technical Education Quality Improvement Programme (TEQIP) as a long term programme of 10-12 years and in 2 or 3 phases.

Subsequently, TEQIP was conceived in pursuance of the National Policy on Education 1986 (Revised 1992) with a goal to upscale and improve quality of technical education and enhance existing capacities of the institutions to become dynamic, demand driven, quality conscious, efficient and forward looking, responsive to rapid economic and technological developments occurring both at national and international levels.

Technical Education Quality Improvement Programme of Government of India (TEQIP) is being implemented as a World Bank assisted project to improve the quality of technical education system in the country.

TEQIP-III PROJECT

INTRODUCTION

The Project, Third phase of Technical Education Quality Improvement Programme (referred to as TEQIP-III) is fully integrated with the Twelfth Five-year Plan objectives for Technical Education as a key component for improving the quality of Engineering Education in existing institutions with a special consideration for Low Income States and Special Category States and support to strengthen few affiliated technical universities to improve their policy, academic and management practices.

Project Objectives:

The Project will focus on the following objectives:

- (a) Improving quality and equity in engineering institutions in focus states viz. 7 Low Income States (LIS¹), eight states in the North-East of India, three Hill states viz. Himachal Pradesh, Jammu & Kashmir, Uttarakhand and Andaman and Nicobar Islands (a union territory (UT)),
 - (b) System-level initiatives to strengthen sector governance and performance which include widening the scope of Affiliating Technical Universities (ATUs) to improve their policy, academic and management practices towards affiliated institutions, and
-

(c) Twinning Arrangements to Build Capacity and Improve Performance of institutions and ATUs participating in focus states.

Project Scope:

Only the Government and Government aided AICTE approved Engineering institutions/Engineering faculty/Engineering Teaching Department/Constituent Institutions of Universities/Deemed to be Universities and new centrally funded institutions in SCS will be the part of the project.

An estimated 180 Government and Government funded Engineering institutions and 10 Affiliating Technical Universities (ATUs) will be selected under different sub-components in one or two cycles.

Project Strategy:

The project will be implemented in alignment with the 12th Five Year Plan (2012-17), based on faster, sustainable, and inclusive growth. It emphasizes increasing the supply of highly-skilled workers to drive the economy, as well as helping low-income states catch up with their more advanced neighbours.

The Project will be implemented through the Ministry of Human Resource Development (MHRD) of the Government of India as a Central Sector Scheme (CSS), wherein 100% funds will be provided as grants to the States, Institutions & ATUs.

Project Design:

TEQIP seeks to enhance quality and equity in participating engineering education institutions and improve the efficiency of the engineering education system in focus states.

6 Sustainability of the Project institutions:

The overall project focus on institutional development has sustainability built in the design of the project. The project's emphasis on well-functioning government bodies, more delegated authority to manage their affairs, and capacity to generate own revenues, involve changing behaviour of key players at a fundamental level. TEQIP I and II required institutes to put aside specific funds for the ongoing maintenance and development of the institute once the project period ended; this will continue in TEQIP III.

Detail of Procurement under TEQIP-III Project in BGSBU

S. No.	Quotation Invitation No.	Procurement Items	PO Amount
1	TEQIP-III/2017/CENTRAL/FLOORING/2 FLOORING	Civil Work- Flooring Tiles	Under process
2	TEQIP-III/2017/BGBU/SHOPPING/2 CENTRAL UTM	Unified Threat Management System	2711168
3	TEQIP-III/2017/BGBU/SHOPPING/2 CONCRETE LAB UTM	Universal Testing Machine	3373620
4	TEQIP-III/2017/BGBU/SHOPPING/7 ENVIRONMENTAL LAB	Environmental Lab Equipment	Under process
5	TEQIP-III/2017/BGBU/SHOPPING/9 GEO TECH LAB	Geotech Lab Equipment	1661440
6	TEQIP-III/2017/BGBU/SHOPPING/10 HYDRAULICS LAB	Hydraulics Lab Equipment	1054885
7	TEQIP-III/2017/BGBU/SHOPPING/12 SURVEYING LAB	Surveying Lab Equipment	87910
8	TEQIP-III/2017/BGBU/SHOPPING/17 BOOKS	Books	5942600
9	TEQIP-III/2017/BGBU/DIRECT CONTRACT/33 CLASSROOM DESK	Classroom Desk	
10	TEQIP-III/2017/BGBU/SHOPPING/23 FACULTY PC	Faculty Pc	4488720
11	TEQIP-III/2017/BGBU/SHOPPING/24 FACULTY PRINTER	Faculty Printer	523094
12	TEQIP-III/2017/BGBU/SHOPPING/25 FACULTY UPS	Faculty Ups	258000
13	TEQIP-III/2017/BGBU/DIRECT CONTRACT/21 INTERACTIVE BOARD	Interactive Board	59000
14	TEQIP-III/2017/BGBU/DIRECT CONTRACT/1 LED TV	LED TV	2583600
15	TEQIP-III/2017/BGBU/DIRECT CONTRACT/32 IEEE JOURNALS	IEEE Journals	775628
16	TEQIP-III/2017/BGBU/DIRECT CONTRACT/32 DIGITAL PODIUM	Digital Podium	524000
17	TEQIP-III/2017/BGBU/DIRECT CONTRACT/20 POWER BACK UP	Power Backup	275600
18	TEQIP-III/2017/BGBU/SHOPPING/19 SWAYAM PRABHA DISH DTH	Dish TV	Under process
19	TEQIP-III/2017/BGBU/DIRECT CONTRACT/6 VIDEO CONFERENCE	Video Conference System	598000
20	TEQIP-III/2017/BGBU/SHOPPING/5 COMMUNICATION LAB	Communication Lab Equipment	4487540
21	TEQIP-III/2017/BGBU/SHOPPING/30	Electrical Lab Accessories	670948

	ACCESSORIES		
22	TEQIP-III/2017/BGBU/SHOPPING/31 DRIVES 2	Drives Lab 2 Equipment	
23	TEQIP-III/2017/BGBU/SHOPPING/27 DRIVES LAB 1	Drives Lab 1 Equipment	474360
24	TEQIP-III/2017/BGBU/SHOPPING/26 MACHINE LAB	Machine Lab Equipment	2539360
25	TEQIP-III/2017/BGBU/SHOPPING/29 RENEWABLE	Renewable Energy Lab Equipment	2004288
26	TEQIP-III/2017/BGBU/DIRECT CONTRACT/22 ALL IN ONE PC	All in One PC for TEQIP-III Cell	173998
27	TEQIP-III/2017/BGBU/DIRECT CONTRACT/16 MFP	Mutli Functional Printer	74020
28	TEQIP-III/2017/BGBU/SHOPPING/14 TRANSPORTATION LAB	Transportation Lab	875253
29	TEQIP-III/2017/BGBU/29 ONLINE GATE COACHING	GATE Coaching	Under process
30	TEQIP-III/2017/BGBU/30 PHYSICS LAB	Physics Lab Equipment	1008664
Total			37225696

TEQIP Highlights

- **UNIFIED THREAT MANAGEMENT (UTM)**

Unified Threat Management (UTM) is a solution in the **Network Security Industry** and the leading network gateway defense solution for organizations. Perceivably, UTM is the transformation of the traditional firewall into an extensive security product able to operate numerous security functions such as intrusion prevention, anti-virus scanning, load balancing, bandwidth throttling, advanced threat protection, and a number of others that I will go into in detail about, all within one single system. What UTM does is it unites all of the multiple security functions instead of having separate systems performing independently of one another.

Network Centre, BGSBU acts as the pivotal for providing the network and Internet services across the Campus with 24x7 availability. BGSB University Network (UnivNet) covers all Academic buildings, Hostels, Administrative Offices, Auditorium, VC Residence, Central Workshop, Medical Aid Centre, Guesthouse, faculty and staff residences.

- **UNIVERSAL TESTING MACHINE (UTM)**

Universal testing machines (UTMs) that test mechanical properties such as tensile, flexural, compressive and shear are among the most commonly used. Others include testing the material to determine its suitability for various plastics processes and whether its properties will meet the particular end-use application, as well as for quality control following development to ensure lot-to-lot consistency.

High capacity servo control UTM purchased which is in J&K only one kind of UTM.

- **GEO TECH LAB**

As the basic structural foundation for almost all construction, soil materials play an important role in the ultimate success of a project. Whether you're working in clay, silt, sand, gravel, peat, or loam, understanding the soil properties of your site help you make good construction decisions.

Latest equipment for soil testing improve research work and consultancy.

- **VIRTUAL CLASSROOM**

A virtual classroom is typically an online learning system where both the learners and tutors/teachers communicate to each other just like the real classroom but from different geographical locations. The system comprises of all the basic tools required to run effectively a classroom. Communication among the participants can be achieved in various ways like text chat, live video, live audio, and so on.

Advantages of virtual classroom

- Increased convenience
- Effective time management
- Sharped digital skills
- Affordable

In BGSBU with the use of NKN (National Knowledge Network), Network Centre provide various facilities like video conferencing, virtual classroom facility which enables co-sharing of information viz. lectures, presentations with other institutions. Right now, there are two virtual classrooms, in future three room virtual classroom in plan.

- **BOOKS**

Fast Track 60 Lakh(approx.) purchased for Engineering students comprises of more than 11000 books which help in book bank.

- **FACULTY PCS, PRINTERS AND UPS**

All in one Personal computers, Printers, UPS for faculty to promote research program.

- **IEEE**

IEEE is the world's largest technical society, bringing Members access to the industry's most essential technical Information, networking opportunities, career development tools, and many other exclusive benefits.

IEEE membership offers an array of benefits like Access to technical publications; Professional and educational development. IEEE expands the scope and depth of your technical knowledge, expanded networks.

- **COMMUNICATION LAB**

The Communication laboratory allows students of Electrical and Electronics Engineering (EEE) to perform experiments that demonstrate the theory of signals and communication systems that are discussed in Electrical and Electronics Engineering (EEE) course. Communication lab introduces students to some of the electronic blocks that make up communication systems and familiarizes them with proper laboratory procedure, including precise record-keeping, logical troubleshooting, safety, and learning about the capabilities and limitations of your equipment. The communication lab is equipped with Amplitude shift keying kit, Phase shift keying kit, Frequency shift keying kit, Frequency division multiplexing, Time division Multiplexing, NPN/PNP transistor kit, Common emitter kit, JFET characteristics kit, 4/8 bit Digital to Analog converter and , 4/8 bit Analog to digital converter kit etc.

- **ELECTRICAL ENGINEERING**

Students benefit from hands-on training on this equipment in electrical circuit, electronics, digital logic, and microcontroller courses. The Electrical Engineering Laboratory at Baba Ghulam Shah Badshah University is a modern electronics lab with highly qualified equipment widely used in the industry. The lab includes dual/triple DC power supplies, digital precision multimeters, digital arbitrary waveform generators, and digital oscilloscopes.

- **TRANSPORTATION LAB**

Transportation engineering or transport engineering is the application of technology and scientific principles to the planning, functional design, operation and management of facilities for any mode of transportation in order to provide for the safe, efficient, rapid, comfortable, convenient, economical, and environmentally compatible movement of people and goods. Civil engineering is all about finding solutions to help shape a perfect world around us.

This laboratory is equipped with servo-hydraulic testing machines.

Academic Activities under TEQIP-III Project in BGSBU

S.No	Activity	Date	Description
1	Conference	26th and 27th August 2017	National Conference on Emerging trends and Innovations in Electronics & Communication Engineering ETIECE-2017
2	Expert Lectures	9th November 2017	Lecture on Quality of Cement
3	Guest Lecture	25th October 2017	Guest Lecture on Quality Engineering and its relevance to education
4	Guest Lecture	22nd & 23rd December 2017	Guest Lecture on "Engineering Education and Ethics" at Auditorium BGSBU
5	Induction	31st October 2017	Induction Program for newly admitted students
6	Induction	23-Dec-17	Induction Program for newly admitted students-Phase II
7	Industrial Visits	27th to 29th September 2017	Industrial tour of B.Tech(ERE) of 5th Semester Students to Baglihar Hydro Power Plant (Gol) located at Chanderkote, Ramban (J&K)
8	Workshop	21st and 22nd July 2017	TEQIP-III Orientation workshop by NPIU (MHRD) at India habitat Centre, New Delhi
9	Workshop	22th to 24th September 2017	Faculty mentors training workshop for new students induction at PEC university of Technology, Chandigarh

10	Workshop	30th October to 2nd November 2017	TEQIP-III related workshop at IIM Shillong
11	Workshop	26th to 27th October 2017	Two days workshop on "Extreme Loading on structure" held at IIT, Roorkee
12	Workshop	11th November 2017	Orientation Workshop for Student Learning Assessment (SLA) being held at Auditorium, AICTE, New Delhi
13	Workshop	20th to 26th November 2017	Workshop on "Applications of Statistical Techniques using various Softwares: being held at NIT, Hamirpur, H.P.
14	Workshop	15th November 2017	Workshop on "Overview of PMSS software and Uploading Procurement Plan and Expenditure filling through PFMS" held at SMVDU, Katra, Jammu
15	Workshop	4th & 5th January 2018	Workshop on Start-up Activities & preparation of action plan at UIET, Chandigarh
16	Workshop	29th Jan 2018 to 2nd Feb 2018	Induction Workshop for one week at IIT Kanpur
17	Training	11th December to 15th December 2017	Professional Development Training (PDT) at IIM Indore
18	Training	14th December to 18th December 2017	Professional Development Training (PDT) at IIM Raipur
19	Training	27th to 30th November 2017	Proctor for Standard Learning Assessment (SLA) Survey at NIT, Srinagar (J&K)
20	Training	29th Jan to and Feb 2018	Attend Professional Development Training Under TEQIP-III to be held in IIM Raipur
21	Training	5th to 9th Feb 2018	Attend Professional Development Training under TEQIP-III at IIM Kashipur.
22	Training	12th to 17th Feb 2018	Attend Professional Development Training under TEQIP-III at IIM Udaipur.
23	Summit	11th December	Summit on Good Governance at AICTE, New Delhi

- Organised Two Day National conference on Emerging Trends and Innovations in Electronics and Communication Engineering (ETIECE-2017) held on 26th & 27th August 2017 and organized by Department of Electronics and Communication Engineering, BGSB University, Rajouri, J&K.

More than 100 papers received after reviewing 37 papers were published.

- Organised Two Day National Conference on Recent Advances in Computer Science and IT (NCRACIT) held on 24th& 25th April 2018 and organized by Department of ITE, SOET, BGSB University, Rajouri, J&K. More than 100 papers received after reviewing 56 papers were published.

LEAD BOTANIC GARDEN

Lead Botanic Garden of BGSBU was established exclusively with the financial support of Ministry of Environment, Forests and Climate Change (MoEFCC) Govt. of India under the scheme Assistance to Botanic Gardens in 2009. Ministry provided a grant of Rs.58.00 Lakhs for its establishment. It is developed over an area of 10 acres. The flora of the Garden include both sub-tropical and temperate elements. The Garden has been carved out of a degraded forest and is being enriched with native flora without disturbing its natural contours so that it becomes a repository of Germplasm of North Western Himalayan Region. Habitats have been created both for aquatic and terrestrial plant species. At present the Garden harbors approximately 400 different plants, including threatened taxa.

Lead Botanic Garden has also been registered as a participant in the World wide implementation of the *International Agenda in support of Plant Conservation, Environmental Awareness and Sustainable Development* in April, 2018 by Botanic Gardens Conservation International (BGCI) based at Kew, London, UK.

BASIC AMENITIES FOR STUDENTS in the University

- **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 specialization.
- **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.