



# ANNUAL REPORT

2018-19



**Baba Ghulam Shah Badshah University**  
**Rajouri - Jammu & Kashmir**



## Vice Chancellors Message



It gives me immense pleasure and privilege to present Annual Report of Baba Ghulam Shah Badshah University for the year 2018-19. The Report collects many of the accomplishments from the year and reflects the hard work and dedication of faculty members, officers, students, other staff members and all stake holders.

The Annual Report is a statement of the status of the University during the year, detailing issues of academics, research, publications, innovations, sports, culture and physical infrastructure. The University has continued to discharge its core mandate of educational excellence by producing trained manpower in pursuit of its vision ***“steady onwards march for human development through science and technology on one hand and our national ethos on the other”***. As the premier institution of higher learning in Pir Panjal area, the University has continued to offer

quality education and training that meets the expectations of industry and the general populace.

It is worth mentioning that innovation, inspiration and intelligence has been the footing of our affluent and prosperous educational system. The presence of such a foundation has flowered the impact of brilliance and brightness of our students. Since young minds have to make their impact on the society as a whole, our main goal is to keep this zest intact so that the most sound and skilled teachings of Management, Science, Social Sciences, Health, Engineering and Technology are imparted to our students. My every endeavour is to channelize all my energy in making the vision and mission of this University turn into a reality.

Everybody is aware that the University is 14 years old. There were only 4 courses in 2005 in the University but at present we have 60 courses. I am happy to see that University faculty are publishing Research articles in reputed journals and are also actively participating in Conferences, workshops and orientation courses. Besides number of eminent scholars of international and national repute are presenting their talks on variety of subjects in the University.

The good performance of the University is attributed to the commitment and dedication of faculty, officers and other staff who worked tirelessly in achieving University objectives. I must acknowledge the services of all stake holders.

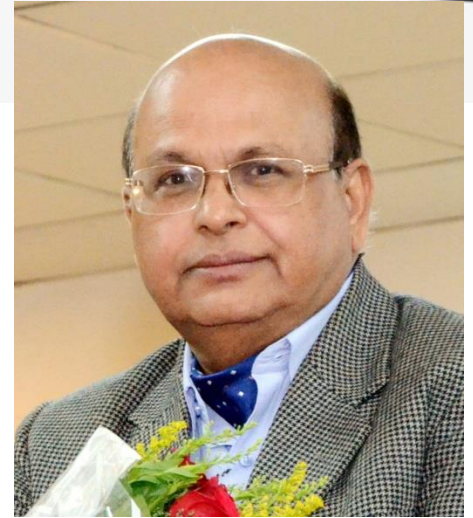
Within the year a lot of support was received from the Government of J&K and Government of India for which we are thankful.

I also appreciate the team who compiled, edited and designed Annual Report.

**(Prof Javed Musarrat)**

**Prof Iqbal Parwez**  
Dean Academic Affairs

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## Message

It is a matter of pride for me to report that the University has made considerable progress in improving its academic, research and other activities by following appropriate practices of good governance.

To highlight the feats, we compiled Annual Report for the year 18-19 which is in your hands in which we have given detailed account of the activities in the Schools / Departments.

Although we are focussing on commitments to sharpen our focus on research, enriching the quality and breadth of learning, we are also rapidly growing institution for the promotion of knowledge & skills and we are creating well trained manpower for the market. The Report has highlighted such academic, research and other activities in detail.

We aim to make this University a catalyst of quality assurance, ensuring sustainable development at all levels and in this regard we have engaged sufficient and well trained faculty in all streams whose performance in academics & research is highlighted in the Report.

We are also concerned about the product of the University and we have tried our level best to produce quality manpower. Our teachers and students are capable of bringing a change in the society as they are not merely a degree holders but people who truly understand that education is a process of assimilation by the mind and illumination of the soul. It is because of the quality education provided in the varsity, reputed companies are approaching for job placements of our products. In 2017-18, our 83 students of final year of

course have been selected for Jobs in advance by various reputed companies viz Tech Mahindra, Rooman Technologies, SE Biz, Bharti Infratel and Shri Ram Finance.

I am delighted to highlight that the University is among 5 institutions of Jammu & Kashmir which has been selected to carry out TEQIP –III programme for improving academic and management practices. Government has agreed for Rs15 Crore grants under this programme in which Rs 10 Crore has been released. Details of major activities under the programmes including other centrally sponsored projects have been incorporated in this Annual Report.

I congratulate all faculty members, officers, other staff members, students for contributing in making this Institution a great one. I also acknowledge services of the team who compiled this Annual Report.

**(Prof. Iqbal Parwez)**

## **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.

### **Core Values**



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 ;

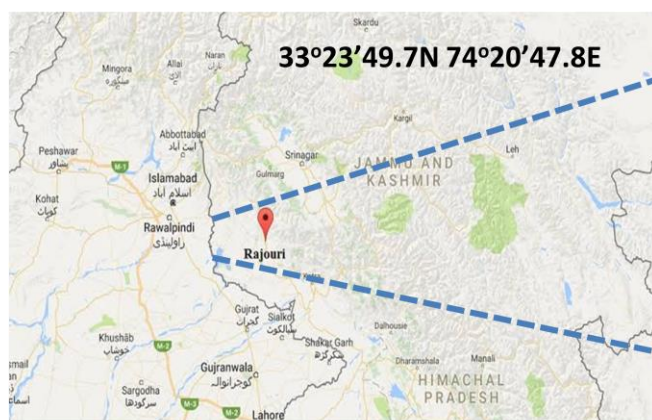
- Serene, eco-friendly, pollution-free ambience ideal for pursuing knowledge.
- Residential character with on-campus housing facility for staff and students.
- DELNET facility for use by faculty and students.
- Emphasis on live projects and hands-on-training.

- 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 15 years, it is offering 63 courses at graduate, post-graduate and diploma level and conducting advance research in basic sciences, social sciences and languages.

## Location

### LOCATION



## Following Schools have been established in the University;

1. School of Mathematical and Computer Sciences
2. School of Material Sciences & Nanotechnology



3. School of Engineering and Technology
4. School of Management Studies
5. School of Social Sciences
6. School of Islamic Studies & Languages
7. School of Education
8. School of Biosciences and Biotechnology
9. School of Nursing & Biomedical Sciences
10. School of Healthcare and Pharmacy is on the anvil.

## **COURSES OFFERED**

### **School of Mathematical & Computer Science**

- A) Department of Computer Science  
Integrated MCA  
MCA  
M. Phil. & Ph. D.  
Advanced Diploma in Machine Learning
- B) Department of Information Technology  
M. Sc. Information Technology  
M. Phil. & Ph. D.
- C) Department of Mathematical Sciences  
M. Sc. Mathematics  
M. Sc. Mathematics - Evening Programme  
M. Sc. Mathematics (Spl. App. Mathematics)  
M. Phil. & Ph. D.

### **School of Material Sciences & Nanotechnology**

- M. Sc. Physics
- M. Phil. & Ph. D.

### **School of Engineering & Technology**

- A) University Polytechnic
  - Diploma in Electronics & Communications
  - Diploma in Electrical Engineering
  - Diploma in Mechanical Engineering
  - Diploma in Civil Engineering
  - Lateral Entry to Diploma Engineering
- B) B. Tech. Programmes
  - Civil Engineering
  - Computer Science & Engineering
  - Electronics & Communications Engineering
  - Electrical Engineering
  - Information Technology & Engineering
  - NRI Quota
  - Lateral Entry to B. Tech.
- C) B. E. Evening (Lateral Entry)
  - B. E. Civil Engineering
  - B. E. Electrical Engineering

### **School of Management Studies**

- Bachelor of Business Administration
- B. Voc. Tourism & Travel Management
- Master of Business Administration
- MBA (Hospitality & Tourism)
- M. Phil. & Ph. D.
- Diploma in Front Office
- Diploma in House Keeping
- Diploma in Food & Beverage Services
- Diploma in Travel & Tourism Management

### **School of Social Sciences**

Master of Economics

M. Phil. & Ph. D.

### **School of Islamic Studies & Languages**

- A) Department of Arabic
  - B. A. Arabic (Hons.)
  - M. A. Arabic
  - M. Phil. & Ph. D.
  - M. A. Islamic Studies
  - M. Phil. & Ph. D.
  - M. A. Urdu
  - M. Phil. & Ph. D.
- B) Department of English
  - M. A. English
  - M. Phil. & Ph. D.

### **School of Education**

B. Ed.

M. Ed.

M. A. Education

PG Diploma in Early Childhood Care & Edu.

M. Phil. & Ph. D.

### **School of Biosciences & Biotechnology**

Centre for Biodiversity Studies

M.Sc. Environmental Sciences

- A) Department of Biotechnology
  - M. Sc. Biotechnology
  - M. Phil. & Ph. D.
- B) Department of Botany

M. Sc. Botany

M. Phil. & Ph. D.

C) Department of Zoology

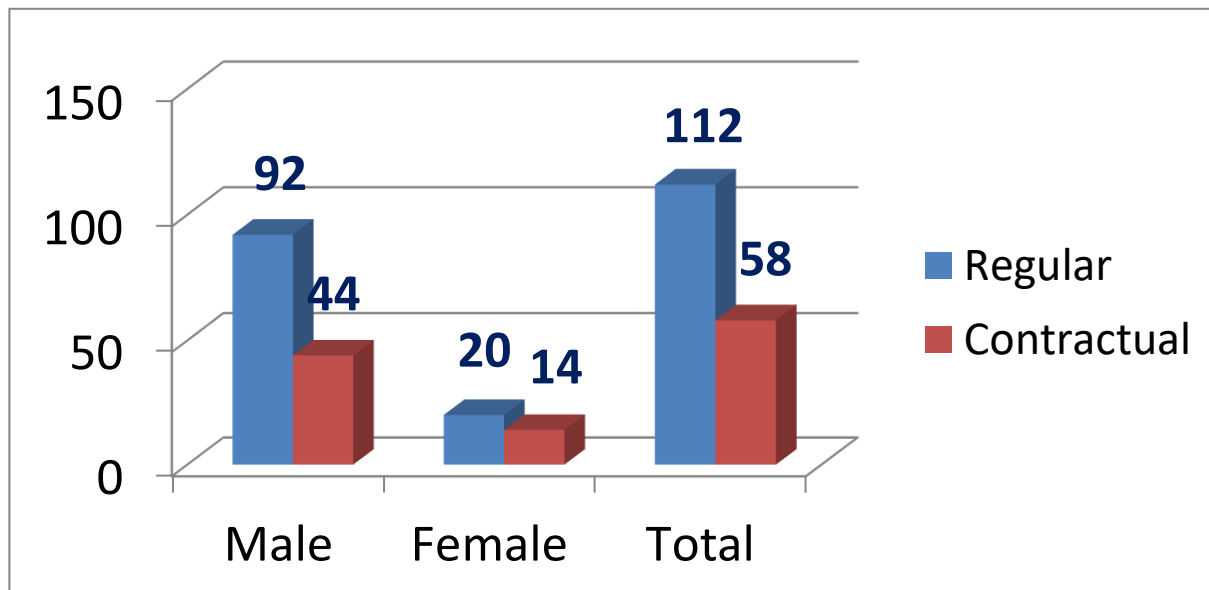
M. Sc. Zoology

M. Phil. & Ph. D.

M. Sc. Microbiology

**School of Nursing & Biomedical Sciences**

B.Sc Nursing



**Faculty**

## **UNIVERSITY OFFICERS**

### **Vice Chancellor's Secretariat**

Prof. Javed Musarrat

Vice Chancellor

### **Registrar**

Dr Ashfaq Zarri

Registrar

Mr. Suneet Gupta

Joint Registrar

Mr. Mohammad Qasim

Deputy Registrar (Establishment & Estates)

### **Academics**

Prof. Iqbal Parwez

Dean Academic Affairs

Ms. Shabina Nazir

Deputy Registrar, Academics

### **Examination**

Mr. Mohammed Ishaq

Controller of Examination

Ms. Nabila Nazneen

Deputy Controller of Examinations

### **Finance**

Mr K. A. Qureshi

Advisor (Finance & Account)

Mr. V. M. Sharma

Deputy Registrar (Finance)

### **Works**

Mr. Bhushan Lal Koul

Executive Engineer

### **Placement**

Mr. Sameer Raina

Training & Placement Officer

### **Physical Education**

Mr. Mohd Din

Deputy Director (Physical Education)

### **Health**

Dr. Javiad Iqbal Reshi

Medical Officer

### **Arboriculture**

Mr. Shakil Ahmed

Landscaping & Arboriculturist

### **Dean of Schools**

Prof. Iqbal Parwez

Dean, School of Biosciences & Biotechnology

Prof. Mohd Asif

Dean, School of Engineering & Technology

Prof. Mohd Asghar

Dean, School of Mathematical & Computer  
Sciences

Prof. Naseem Ahmed

Dean, School of Management Studies

Prof. G. M. Malik

Dean of Students

### **Teaching Departments**

Prof. Naseem Ahmed

Head, Management Studies

Prof. G.M. Malik

Head, Education

Mr. Asrar Ghaus

Director, Hospitality & Tourism.

Mr. Mubashir Hassan Malik

Principal, University Polytechnic.

Dr. Shams Kamal Anjum

Head, Department of Arabic

Dr. Qamar Rayees Khan

Head, Computer Science

Dr Tasleem Arif

Head, Information Technology

Dr. Zaheer Abass	Head, Mathematical Sciences
Dr. Dil Pazir	Head, Economics.
Dr. Romina Rashid	Head, English.
Mr. Vishal Puri	Head, EC Engineering.
Mr. Khalil Ahmed	Head, CS Engineering.
Mr. Zishan Anjum	Head, Civil Engineering.
Mr. Shafqat Nabi Mughal	Head, ERE Engineering.

#### **Proctor**

Dr Majid Bashir Malik	Chief Proctor
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#### **Library**

Sh. Ramesh Pandita	Assistant Librarian.
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#### **Media**

Mr. Danish Iqbal Raina	Media Advisor
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#### **Incharge Offices**

Mr. MR Choudhary	OSD Branch Sub Office, Kishtwar
Mr. Iram Amin	Incharge, Jammu

#### **Faculty - Department wise**

##### **Department of Management Studies**

1. Prof. Naseem Ahmed	Professor/ Dean (Contractual)
2. Dr. Dil Pazir	Assistant Professor
3. Dr. Darakhsha Anjum Khan	Assistant Professor
4. Dr. Javed Iqbal	Assistant Professor
5. Dr. Radha Gupta	Assistant Professor
6. Dr. Pervaz Abdulla	Assistant Professor

7. Dr Garav Sehgal	Assistant Professor
8. Ms. Mamta Choudhary	Assistant Professor
9. Mr. Kafeel Ahmed	Assistant Professor
10. Mr. Jatinder Kumar	Assistant Professor
11. Mr. Aasim Mir	Assistant Professor
12. Mr. Dainsh Iqbal Raina	Assistant Professor
13. Mr. Vinay Kumar	Assistant Professor

#### **Department of Economics:**

1. Dr. Irfan Ahmad Sofi	Assistant Professor
2. Dr. Sajad Ahmad Rather	Assistant Professor
3. Dr. Showket Ahmad Mir	Assistant Professor
4. Ms. Tazeem Akhter	Assistant Professor
5. Mr. Rizwan Mirza	Assistant Professor (Contractual)

#### **Centre for Hospitality and Tourism Management**

1. Dr. Asrar Ghous	I/c Deputy Director (Contractual)
2. Mr. Ishtiyahq Ahmed Ahwan	Assistant Professor (Contractual)
3. Ms. Insha Amin	Assistant Professor (Contractual)
4. Mr. Amir Malik	Teaching Assistant (Contractual)

#### **Department of English**

1. Dr. Romina Rashid	Assistant Professor
2. Ms. Mariya Aslam	Assistant Professor
3. Dr. Shachi Sood	Assistant Professor
4. Mr. Tanvir Ahmed	Assistant Professor
5. Dr. Shah S. Hyder	Assistant Professor

#### **Department of Mathematical Sciences / Applied Mathematics**

1. Dr. Zaheer Abass	Assistant Professor
2. Dr. Javid Iqbal	Assistant Professor
3. Dr. Mudassar Rashid Lone	Assistant Professor
4. Dr. Rustam Abass	Assistant Professor (Contractual)
5. Mr. Himanshi Bhagat	Assistant Professor (Contractual)
6. Ms. Sharuti Gupta	Lecturer (Ex-Cadre)
7. Ms. Rubeena Khaliq	Teaching Assistant (Contractual)



8. Ms. Mavish Bhat Teaching Assistant (Contractual)

### **P.G. Department of Computer Sciences**

1. Dr. Qamar Rayees Khan	Assistant Professor
2. Dr. Majid Bashir Malik	Assistant Professor
3. Dr. Sanjay Jamwal	Assistant Professor
4. Dr. Gulfam Ahmad	Assistant Professor
5. Dr. Adil Ahmad	Assistant Professor
6. Dr. Mohd Naseem	Assistant Professor
7. Ms. Parveen Rana	Assistant Professor

### **P.G. Department of Information Technology**

1. Dr. Tasleem Arif	Assistant Professor
2. Ms. Salma Farooq	Assistant Professor
3. Mr. Satish Kumar	Assistant Professor
4. Mr. E. D. Gowhar Hafiz	Lecturer (Ex-Cadre)

### **Department of Arabic**

1. Dr. Shams Kamal Anjum	Associate Professor
2. Dr. MD Affan	Assistant Professor
3. Dr. Manzar Alam	Assistant Professor
4. Dr. Mohammed Azam	Assistant Professor
5. Dr. Aqeela	Assistant Professor (Contractual)
6. Mr. Naseer-Ud-Din	Teaching Assistant (Contractual)

### **Department of Urdu**

1. Dr. Mushtaq Ahmad Wani	Assistant Professor
2. Dr. Liyaqat Hussain Shah	Assistant Professor
3. Dr. Mohammad Asaf Malik	Assistant Professor
4. Ms. Rizwana Shamsi	Assistant Professor
5. Dr. Mohd Ayoub	Assistant Professor (Contractual)

### **Department of Islamic Studies**

1. Dr. Mohammad Rafiq Anjum	Assistant Professor
2. Dr. Naseem Gul	Assistant Professor
3. Mr. Gulzar Ahmed	Assistant Professor (Contractual)
4. Mr. Sajad Ahmad Kumar	Assistant Professor (Contractual)

### **Department of Zoology:**

- |                              |                                   |
|------------------------------|-----------------------------------|
| 1. Dr. Ali Asghar Shah       | Associate Professor               |
| 2. Dr. M.A .Hanan Khan       | Assistant Professor               |
| 3. Dr. Mohammed Saleem Reshi | Assistant Professor               |
| 4. Dr. Sajad Ahmad Paray     | Assistant Professor               |
| 5. Dr. Sajad Ahmad Khan      | Assistant Professor               |
| 6. Ms. Shahnaz Anjum         | Assistant Professor               |
| 7. Dr. Javed Ahmed           | Assistant Professor (Contractual) |

### **Department of Biotechnology:**

- |                         |                                   |
|-------------------------|-----------------------------------|
| 1. Dr. Tanvir-ul-Hassan | Assistant Professor               |
| 2. Dr. Raja Mir Hassan  | Assistant Professor               |
| 3. Dr. Saima Aslam      | Assistant Professor               |
| 4. Dr. Shoeb Ahmad      | Assistant Professor               |
| 5. Ms. Nazia Koser      | Assistant Professor (Contractual) |
| 6. Mr. Rakeeb Ahmed     | Teaching Assistant (Contractual)  |

### **Department of Botany**

- |                         |                                   |
|-------------------------|-----------------------------------|
| 1. Dr. Susheel Verma    | Associate Professor               |
| 2. Dr. Shreekar Pant    | Assistant Professor               |
| 3. Ms. Mamta Bhat       | Assistant Professor               |
| 4. Dr. Mohammed Asgher  | Assistant Professor               |
| 5. Dr. Mohammed Hanief  | Assistant Professor               |
| 6. Dr. Arif Tasleem Jan | Assistant Professor               |
| 7. Dr. Naseer Ahmed     | Assistant Professor (Contractual) |

### **Department of Education**

- |                           |                                  |
|---------------------------|----------------------------------|
| 1. Prof. G. M. Malik      | Professor (Contractual)          |
| 2. Dr. Nayyar Jabeen      | Assistant Professor              |
| 3. Dr. Dr. Nasreen Qusar  | Assistant Professor              |
| 4. Dr. Azad Ahmad Andrabi | Assistant Professor              |
| 5. Ms. Sayema Kouser      | Teaching Assistant (Contractual) |
| 6. Mr. Mohammed Fareed    | Teaching Assistant (Contractual) |
| 7. Ms. Rafia Khan         | Teaching Assistant (Contractual) |

### **Department of Physics:**

- |                           |                     |
|---------------------------|---------------------|
| 1. Prof Mohd Asghar       | HoD / Dean          |
| 2. Dr. Ashaq Hussain Shah | Assistant Professor |
| 3. Dr. Feroz Ahmad Mir    | Assistant Professor |
| 4. Mr. Majahid –Ul-Islam  | Assistant Professor |

### **SoET**

Prof. Mohammed Asif	Dean
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### **Department of Mechanical Engineering**

- |                         |                     |
|-------------------------|---------------------|
| 1. Mr. Abdul Rashid Dar | Lecturer (Ex-cadre) |
|-------------------------|---------------------|

### **Department of Civil Engineering**

- |                             |                                   |
|-----------------------------|-----------------------------------|
| 1. Mr. Vaseem Ahmed Shahnaz | Assistant Professor               |
| 2. Mr. Pervaiz Alam         | Assistant Professor               |
| 3. Mr. Zeshan Aslam         | Assistant Professor               |
| 4. Mr. Ameer Ullah Ganai    | Assistant Professor               |
| 5. Mr. Nasir Ahmad Rather   | Assistant Professor               |
| 6. Mr. Shahid –ul-Islam     | Assistant Professor               |
| 7. Mr. Rahul Chandan        | Assistant Professor (Contractual) |

### **Department of Applied Sciences & Humanities**

- |                       |                                   |
|-----------------------|-----------------------------------|
| 1. Dr. Ram Singh      | Assistant Professor               |
| 2. Mr. Anil Miani     | Assistant Professor               |
| 3. Mr. Asif Chowdhary | Assistant Professor (Contractual) |
| 4. Mr. Vishal Sharma  | Lecturer (Ex-Cadre)               |
| 5. Mr. Tanveer Ahmed  | Lecturer (Ex-Cadre)               |
| 6. Mr. Mohammed Arif  | Lecturer (Ex- Cadre)              |
| 7. Mr. Naveen Sharma  | Lecturer (Ex- Cadre)              |
| 8. Mr. Sajid Rashid   | Teaching Assistant (Contractual)  |

### **Department of Information Technology Engineering**

- |                              |                      |
|------------------------------|----------------------|
| 1. Mr. Malik Mubasher Hassan | Assistant Professor  |
| 2. Mr. Nikhil Gupta          | Assistant Professor  |
| 3. Mr. Rakesh Singh Sambyal  | Assistant Professor  |
| 4. Mr. Manmeet Singh         | Assistant Professor  |
| 5. Mr. Vishal Sharma         | Lecturer (Ex- Cadre) |
| 6. Mr. Rashid Qayoom Shawal  | Lecturer (Ex- Cadre) |

### **Department of Computer Science and Engineering**

- |                           |                                   |
|---------------------------|-----------------------------------|
| 1. Mr. Khalil Ahmed       | Assistant Professor               |
| 2. Mr. Amit Dogra         | Assistant Professor               |
| 3. Mr. Taseem Nazir Mufti | Assistant Professor (Contractual) |
| 4. Ms. Yousra farooq      | Assistant Professor (Contractual) |
| 5. Mr. Mohd Saleem        | Assistant Professor (Contractual) |
| 6. Ms. Rukshana Thukar    | Lecturer (Ex- Cadre)              |

### **Department of Electronics & Communication Engineering**

- |                            |                      |
|----------------------------|----------------------|
| 1. Mr. Vishal Puri         | Assistant Professor  |
| 2. Mr. Mehmood ul Hussain  | Assistant Professor  |
| 3. Mr. Arashid Ahmad       | Assistant Professor  |
| 4. Mr. Haider Meraj        | Assistant Professor  |
| 5. Mr. Mohammed Abas Malik | Assistant Professor  |
| 6. Ms. Farkhanda Ana       | Assistant Professor  |
| 7. Mr. Junaid Farooq war   | Assistant Professor  |
| 8. Ms. Nisha Gupta         | Lecturer (Ex- Cadre) |
| 9. Mr. Manik Groach        | Lecturer (Ex- Cadre) |
| 10. Ms. Shevta Gupta       | Lecturer (Ex- Cadre) |

### **Department of Electrical and Renewable Energy Engineering**

- |                            |                     |
|----------------------------|---------------------|
| 1. Mr. Tasaduq Hussain     | Assistant Professor |
| 2. Mr. Shafqat Nabi Mughal | Assistant Professor |
| 3. Mr. Ahmed Riyaz         | Assistant Professor |
| 4. Mr. Muzaffar Hussain    | Assistant Professor |
| 5. Mr. Qamar Ul Islam      | Assistant Professor |

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|--------------------------|----------------------|
| 6. Mr. Mohd Yassar Arfat | Assistant Professor  |
| 7. Mr. Vinod Puri        | Assistant Professor  |
| 8. Ms. Ankita Runani     | Assistant Professor  |
| 9. Mr. Neetan Sharma     | Lecturer (Ex- Cadre) |

### University Polytechnic

- |                          |                                   |
|--------------------------|-----------------------------------|
| 1. Ms. Harpreet Kour     | Assistant Professor (Contractual) |
| 2. Mr. Mohd Mukhtar      | Assistant Professor (Contractual) |
| 3. Mr. Sahil Hamid       | Assistant Professor (Contractual) |
| 4. Mr. Mohammed Rafiq    | Lecturer (Ex- Cadre)              |
| 5. Ms. Rafia Khatoon     | Lecturer (Ex- Cadre)              |
| 6. Mr. Shivinder Mehta   | Lecturer (Ex- Cadre)              |
| 7. Mr. Shakoor Ahmed     | Teaching Assistant                |
| 8. Ms. Prinncess Raina   | Teaching Assistant (Contractual)  |
| 9. Mr. Atif Mehmood      | Teaching Assistant (Contractual)  |
| 10. Mr. Raman Deep Singh | Teaching Assistant (Contractual)  |
| 11. Mr. Safeer Ahmed     | Teaching Assistant (Contractual)  |

### Nursing College, Rajouri

- |                             |                                 |
|-----------------------------|---------------------------------|
| 1. Ms. Titi Xavier          | Principal / Associate Professor |
| 2. Liju Rajendran           | Nursing Tutor                   |
| 3. Tincy Thomas             | Nursing Tutor                   |
| 4. Shobhita K Das           | Nursing Tutor                   |
| 5. Chapalamadugu Beaularani | Nursing Tutor                   |
| 6. Vijayasree V Nair        | Nursing Tutor                   |
| 7. Riju Samuel              | Nursing Tutor                   |
| 8. Mohseena Mushtaq         | Clinical Instructor             |
| 9. Asifa Ikhlq              | Clinical Instructor             |
| 10. Shafali Sharma          | Clinical Instructor             |
| 11. Snober Manzoor          | Clinical Instructor             |
| 12. Indupalli Rambabu       | Clinical Instructor             |

### Nursing College, Kishtwar

- |                       |   |
|-----------------------|---|
| 1. Mr. Ajith K.K.     | Assistant Professor-Nursing (Lecture Scale-1) |
| 2. Ms. Bincy Cherian  | Assistant Professor-Nursing (Lecture Scale-1) |
| 3. Ms. Marriya Oliver | Assistant Professor-Nursing (Lecture Scale-1) |
| 4. Ms. Lincy Joseph   | Assistant Professor (Contractual)             |
| 5. Dhirrendra         | Nursing Tutor                                 |

- |                  |                     |
|------------------|---------------------|
| 6. Jilo P Thomas | Nursing Tutor       |
| 7. Joseph Thomas | Nursing Tutor       |
| 8. Vishali       | Clinical Instructor |

#### **School of Nursing Collage, Jammu**

- |                            |   |
|----------------------------|---|
| 1. Mr. Pushendra Kumar     | Assistant Professor-Nursing (Lecture Scale-1) |
| 2. Ms. Akojiam Sangita     | Assistant Professor-Nursing                   |
| 3. Miss. kiran Kour        | Nursing Tutor                                 |
| 4. Marfa Bano              | Tutor (Nursing)                               |
| 5. Gurjot Kour             | Nursing Tutor (Contractual)                   |
| 6. Savita Kutlehria        | Tutor (Contractual)                           |
| 7. Paryanka Kulguru        | Tutor (Contractual)                           |
| 8. Parayanka Yadav         | Tutor (Contractual)                           |
| 9. Allmary Jose            | Tutor (Contractual)                           |
| 10. Mr Masood Ahmed Shiekh | Clinical Instructor                           |
| 11. Saima Habib            | Clinical Instructor                           |
| 12. Mr Saba Venkaiit       | Computer Instructor                           |
| 13. Neha Sharma            | Guest Faculty (C)                             |
| 14. Radhika Sharma         | Guest Faculty (Pathology)                     |

## **Ranking of the University**

### **36th Rank in India Today Survey**

Based on the ranking survey conducted by India Today Group, Baba Ghulam Shah Badshah University (BGSBU), Rajouri was ranked 36th among 850 institutions which participated in the survey. .

### **NIRF, NAAC & NBA**

The University is geared to participate in the NIRF- 2018 and all necessary data and groundwork has been completed.

The University underwent NAAC assessment in 2019 and secured B Grade.

National Accreditation Board (NBA) is a mandatory requirement for continuation of TEQIP III programme. Preparations are underway to get this accreditation shortly.

### **Implementation of Gol Schemes**

### **MHRD Institution Innovation Cell**

The University has been selected for establishing Institution Innovation Council (IIC) as per the norms and directions of Innovation Cell, Ministry of HRD, Govt. of India. The IIC shall work in coordination with the Innovation Cell of MHRD towards encouraging student to work on new ideas and innovation. The University has established its own entrepreneurship cell, innovation club and tinkering lab for faculty and students in order to promote innovation, start-ups and entrepreneurship ecosystem.



### **Swachh Bharat Abhiyan**

Swachh Bharat Abhiyan (SBA), part of vision & mission of our Hon'ble Prime Minister, Shri Narendra Modi has been implemented in the University. The University has a dedicated SBA unit with the objective to promote the cleanliness awareness among the university employees and the students. The SBA unit organizes cleanliness drives in collaboration with different departments of the University from time to time and has also launched a "Go Green" campaign.

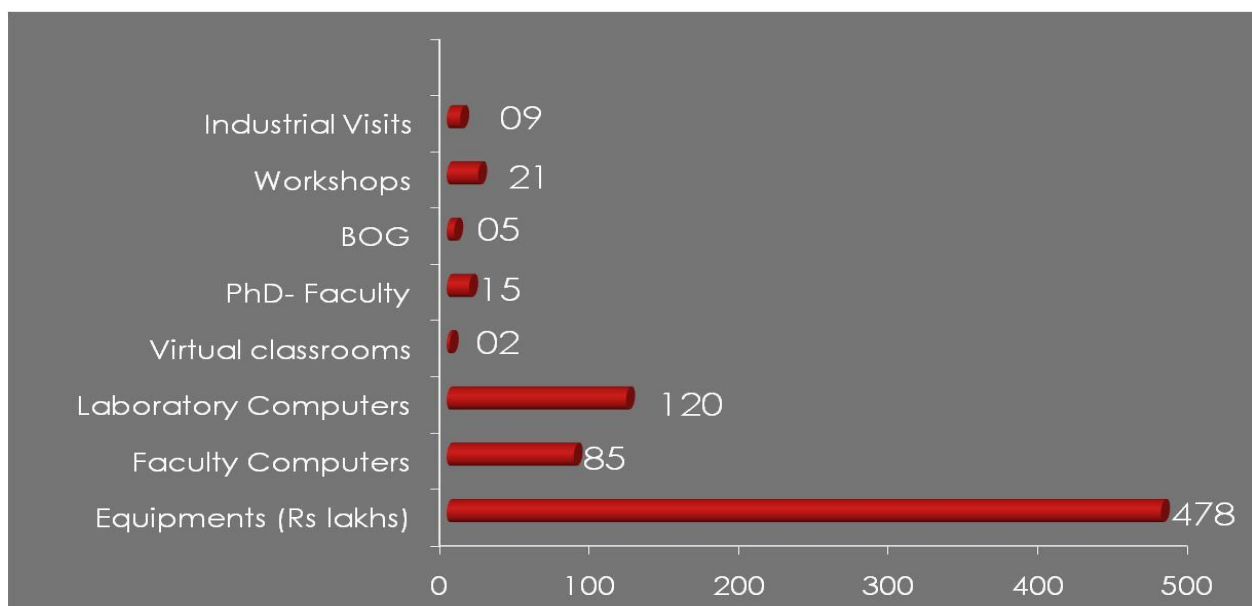


### National Knowledge Network (NKN)

The NKN Node at Baba Ghulam Shah Badshah University is a part of the nation-wide National Knowledge Network established by Ministry of Human Resource Development, Govt. of India. The NKN Node at BGSB University is linked to the national network with 1Gbps fiber optic link. The University provides Internet connectivity to the students, scholars, teachers and staff of the University through campus wide Local Area Network (LAN).

### **TEQIP**

The School of Engineering and Technology of the BGSB University has been chosen as Tier-2 institution for implementing Technical Education Quality Improvement Programme (TEQIP-III) of Government of India, implemented by AICTE / NPIU as a World Bank assisted Project to improve the quality of technical education system in the country.



The University received Rs 15 crore grant for running TEQIP-III project. During the last one year, University purchased books worth Rs 60 lakh adding approximately 12000 books in Library. Establishment of Labs & strengthening of Geo Technical and Structural Labs with state-of-the-art equipments and machines including Computerized Universal Testing Machine (Servo-Controlled) to be used to perform test of wide variety of materials and components viz Tensile, Compression, Shear, Flexural and Low Cyclic Test. This is first time in the state of J&K that such machine will operate which will test high quality concrete used in building / construction material. Recently, the University received recognition from Government of India for successfully implementing this prestigious TEQIP project efficiently.

### **ARIIA**

Registered for Atal Ranking of Institutions on Innovation Achievements (ARIIA) launched by MHRD Gol to foster the culture of Innovation in the Institutions of Higher Education.

### **DIGITAL INITIATIVES**

The University established well equipped IT Cell for providing IT Enabled Services to the University. Adopted and implemented digital initiatives (PFMS, PMSS, GeMs, Online admissions, and recruitment via indigenously developed stand-alone ERPs.

### **TINKERING LAB**

- ❖ Facilitation of Rapid Prototyping
- ❖ Facilities:

- ❖ 3D Printing
- ❖ Robotic Kits
- ❖ Mechanical Tools
- ❖ Electrical and Electronic Equipment's
- ❖ Drilling Workstation
- ❖ Soldering Station

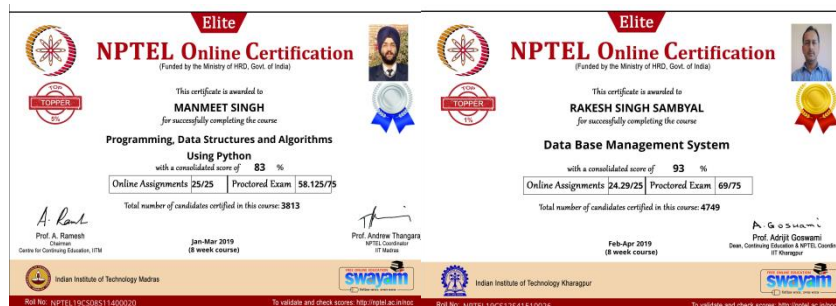
### **Achievements of Tinkering Lab**

- ❖ Participated in ARIIA 2018
- ❖ 11 teams participated in Smart India Hackathon (SIH-2019)
- ❖ BGSBU Institution Innovation Council (IIC) bagged 3 stars in first year of MHRD's annual evaluation.
- ❖ BGSBU is the highest ranked University in Jammu & Kashmir by MIC for timely conduct of activities as per IIC calendar.

### **MOOCs**

The University has facilitated the participation of faculty, staff and the students in the MOOCs programme. A total of sixty faculty members including the staff have been enrolled in various courses under MOOCs. The student enrollment in these online courses has witnessed a huge response especially from the School of Engineering and Technology and Management studies. Around six hundred fifty (650) students are registered for different courses. The registered faculty and students got benefitted from the online lectures delivered by eminent professors of IITs, NITs and other reputed institutions. The University has dedicated state-of-the-art smart class rooms equipped with the latest gadgets to facilitate such lectures.

Name	Department	Course	Score (%)	Topper
Rakesh Sambhyal	ITE	Data Base Management System	93	Among 1%
Dr. Shoeb Ahmad	Biotechnology	Bioenergy	94	Among 2%
Suhaib Ahmed Bhat	ECE	Discrete Time Signal Processing	86	Among 2%
Manmeet Singh	ITE	Programming, Data Structures and Algorithms and Python	83	Among 5%
Pervez Alam	CE	Plastic waste management	83	Elite+ Silver



## SWAYAM

The University has introduced SWAYAM, a programme initiated by Government of India and designed to achieve the three cardinal principles of Education Policy viz., access, equity and quality. The objective of this effort is to take the best teaching learning resources to all, including the most disadvantaged. SWAYAM seeks to bridge the digital divide for students who have hitherto remained untouched by the digital revolution and have not been able to join the mainstream of the knowledge economy. The University has extended the above facility to both teachers and students through dedicated smart classrooms.

## GATE COACHING

The GATE qualification is now necessary for entry into PSUs/Govt. sector units in addition to PG admissions. Therefore, University has made it compulsory to register for GATE examination and providing GATE coaching to around 228 B.Tech. Final year students of Civil, Electrical, Electronics, Computer and IT Engineering through TEQIP-III program.

### **Established Entrepreneurship Cell**

The University has established the Start-up Cell under TEQIP-III programme with a vision to foster entrepreneurial culture among the students. The Start-up Cell has three clubs, i.e. the Start-up Club, the Innovation Club and Entrepreneurship Cell. The aim of the Start-up Cell is to enable the students to identify the existing socio-economic problems within the local ecosystem, develop the solutions and bring them on the commercial platform. The Entrepreneurship Cell encourages the critical thinking abilities of the students by organizing Motivational talks and Invited lectures by eminent people. The Entrepreneurship Cell is focused on tapping the innovative potential of the students to transform them from “job seekers to job creators” once they leave the university. The University has also established the Institution Innovation Council (IIC) for MHRD's Innovation Cell, which works in close association with the Entrepreneurship cell. The major focus of IIC is to create a vibrant local innovation ecosystem and Pre-incubate the budding novel ideas of the students and help them create the prototypes. The Entrepreneurship Cell will also be collaborating with major funding agencies and other NGO's.

### **Achievements**

- ❖ Established Start-up & Innovation Cell with funding support of Rs. 10 lakh.
- ❖ Financial support of Rs. 2.5 lakh from NewGen IEDC, UoK in collaboration with EDI India.
- ❖ Tie-ups with JKEDI on promoting in-campus incubation.

### **IQA CELL**

Internal Quality Assurance Cell (IQAC) has been facilitating initiatives for quality enhancement at BGSB University. It is playing a pro-active role in inculcation

of quality culture among the academic community of the University. In this direction, it is coming out with new ideas and proposals for the continuous improvement of institutional processes. IQAC has initiated curriculum feedback by different stakeholders and played a proactive role in implementation of CBCS in the University, contributed for formulation of gratitude attributes and many more.

### **Adopted NAD and access To NDL**

BGSBU has signed a Service level agreement with NDML (NSDL Database Management Limited) which has been appointed as Depository of NAD, for upload of its students record onto the NAD server. The University has taken a lead in J&K by submitting its Mark sheet templates of its Ph. D., Post Graduate, Under Graduate & Polytechnic courses to the depository and waiting for pilot testing. The University has started taking NAD IDs of its present students and very soon the students will be able to download its mark sheets from NAD server and there would be no need of hard copies of mark sheets. The University has appointed Sh. Mohammad Ishaq as Administrator and Dr. Sanjay Jamwal as Nodal Officer.

### **Implemented Prime Minister Kousal Vikas Yogna Scheme**

The University implemented Prime Minister Kousal Vikas Yogna Scheme for which All India Council of Technical Education has provided initial grant of Rs 1.77 lacs for the year 2018-19. The School of Engineering & Technology of the University in this regard started two courses Viz. Domestic Data Operator and Assistant Surveying (360 hours) course in which 17 students are being trained.

### **Adopted five adjoining villages to train rural women in various trades**

The University started project “Socio-economic upliftment of the rural women belonging to Scheduled Caste and Scheduled Tribe communities of Dhanore village” funded by the Department of Biotechnology, Govt. of India, New Delhi which is aimed at upgrading the existing traditional and new skills among the rural women to make them self-reliant and economically better.

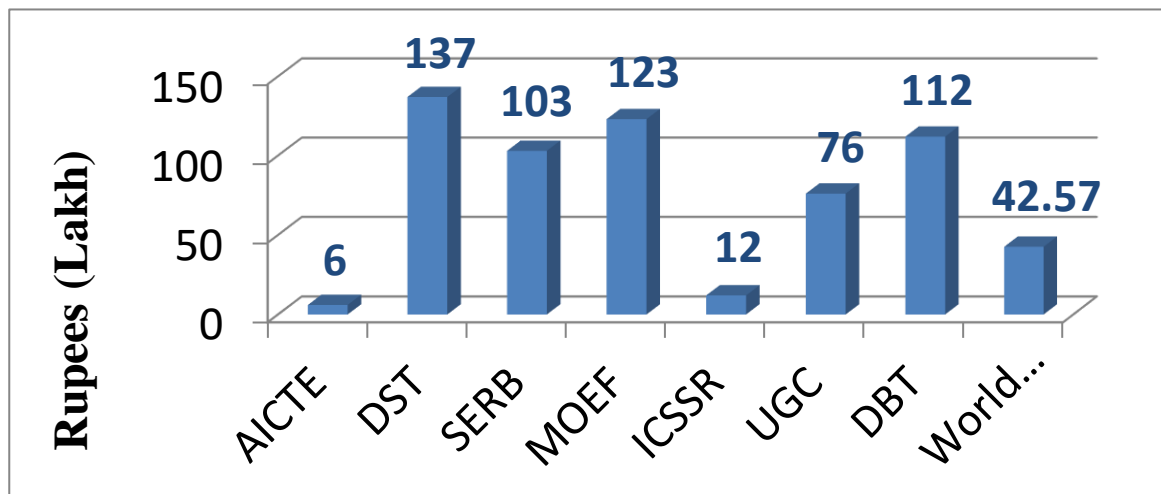
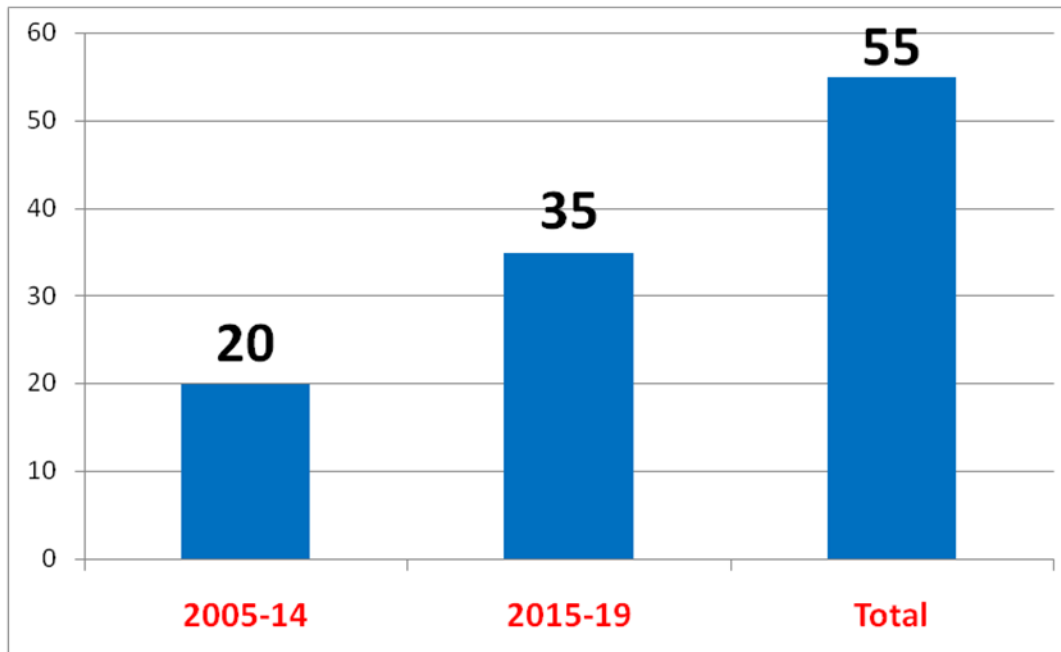
Under this project, till date the University trained a total 120 women (40 from each village) from 04 villages namely, Dhanore Loharan; Dhanore Gorisian; Dhanore Dhendian and Dhanore Jarallan in vermi-composting, mushroom cultivation, floriculture and medicinal & aromatic plant cultivation.

The University organised round the year interactive sessions and exposure visits to progressive farmer's field at Dhangri, Rajouri and KVK, Rajouri for hands-on training on various aspects to motivate the rural women for adopting such cost effective technologies.

Presently, more than 35 rural women are actively involved in vermi - composting.

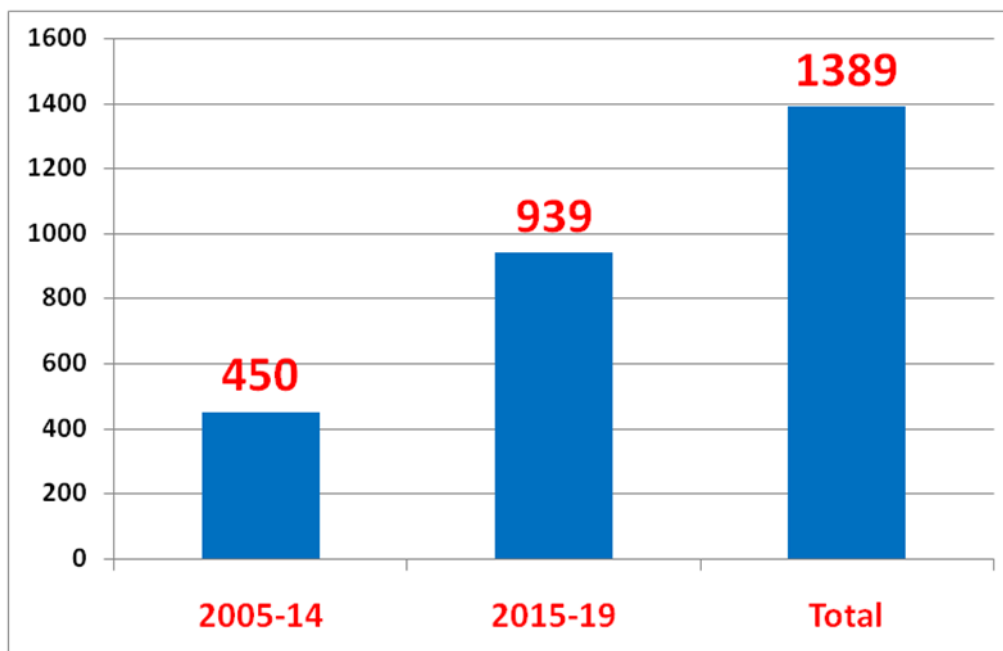
## Other Main Achievements

### EXTRA-MURAL PROJECTS

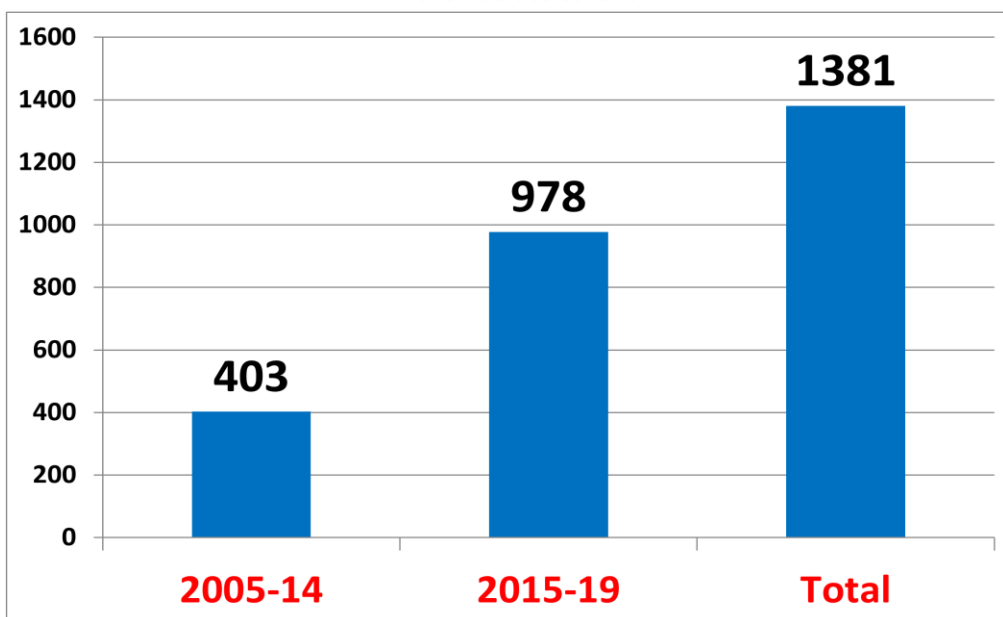




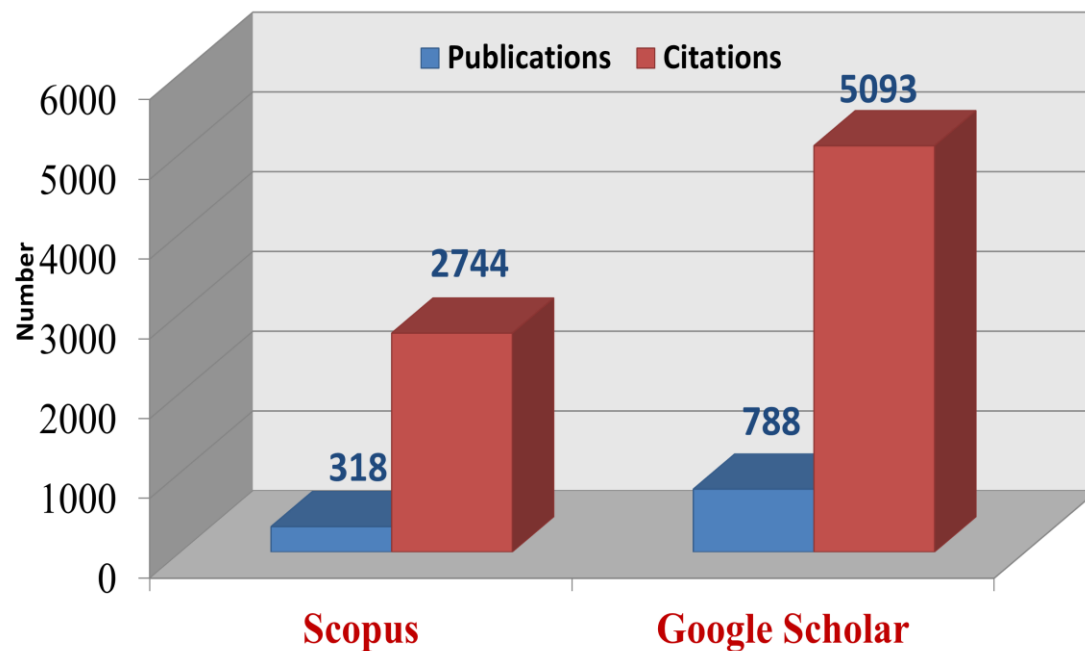
# RESEARCH PUBLICATIONS



# TEACHERS ATTENDED INDUCTION /FDP PROGRAMMES/ CONFERENCES / SEMINARS / SYMPOSIA



## Publications & Citations 2019

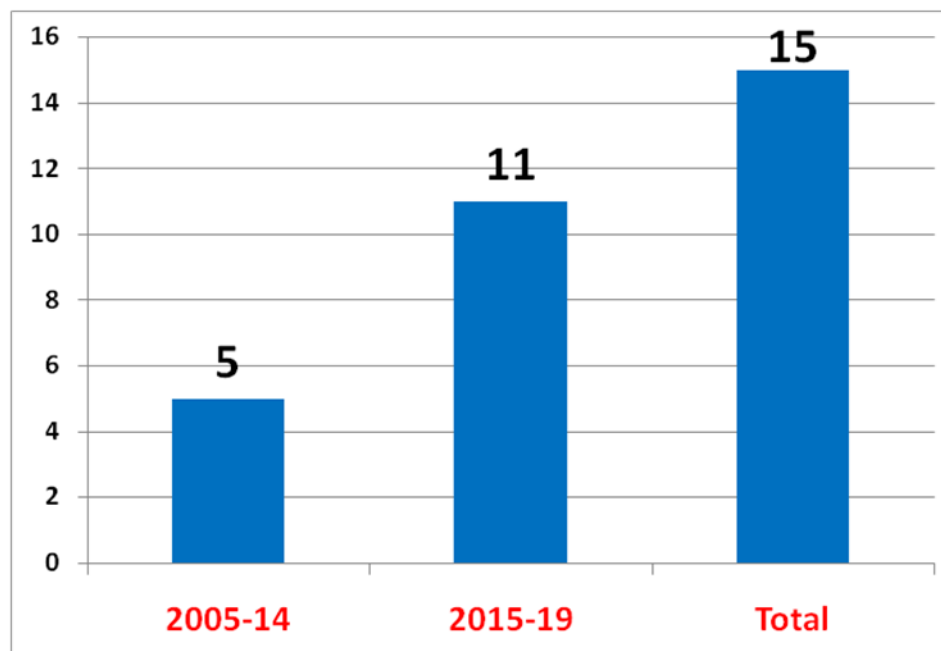


## PATENTS

Name	Patent Number	Year of Publish
Portable mini Paint Roller	319292-001	2019
Biometric Fingerprint Recognition System with encryption	201911035881A	2019

Design and performance investigation of 0.7 $\mu\text{m}$ pentacene based organic thin film transistors	201811011033 A	2018
A hardware efficient state-table-based SPIHT (STS) algorithm	201811005137	2018
Methods for producing silver nanoparticles	US 9.216,455 b2	2015

## NATIONAL & INTERNATIONAL MOUS



## MoUs (2013-2019)

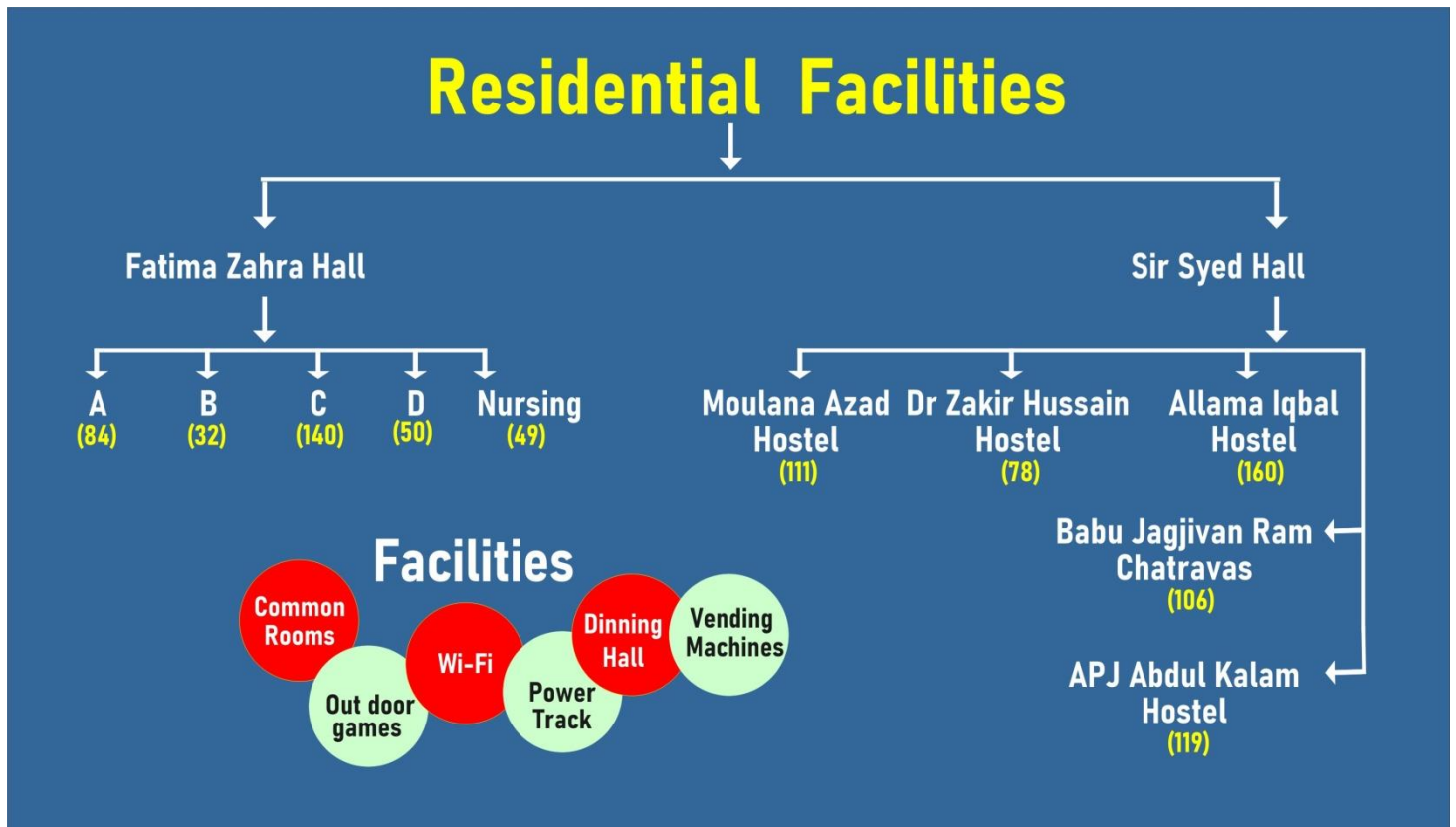
MoUs	Year
BGSBU- SKUAST-Jammu	2013
BGSBU-King Abul Aziz University, KSA	2016
BGSBU- Jamia Millia Islamia, New Delhi	2016
BGSBU- The Research Institute of Food Science and Technology (RIFST), Islamic Republic of Iran	2016
BGSBU-J&K Bank	2018
BGSBU-J&K Bank (Campus card)	2018
University Polytechnic , BGSBU – ITI, Rajouri	2019
BGSBU –China Agricultural University, Beijing, China	2019
BGSBU- Advance Level Telecom Training Centre (ALTTC), Raj Nagar Ghaziabad, UP.	2019
BGSBU – Winnovation, Gurgaon, Haryana	2019
BGSBU – ITTM, Gwalior	2019
BGSBU- WWW – India	2019

## Physical facilities in the Campus

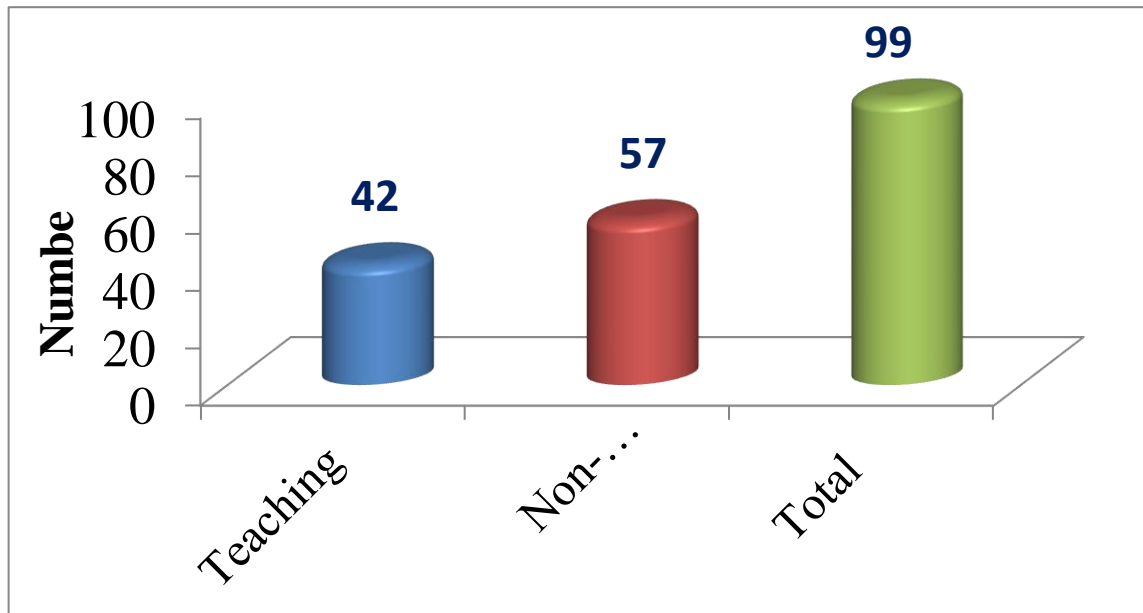


<b>Total Classrooms &amp; Laboratories</b>	<b>92</b>
<b>Conference and Seminar Halls</b>	<b>04</b>
<b>Auditorium</b>	<b>01</b>
<b>Botanical Gardens</b>	<b>02</b>
<b>Herbarium</b>	<b>01</b>
<b>Boys Hostels</b>	<b>06</b>
<b>Girls Hostels</b>	<b>07</b>
<b>Residential Quarters</b>	<b>98</b>

## RESIDENTIAL FACILITY FOR STUDENTS



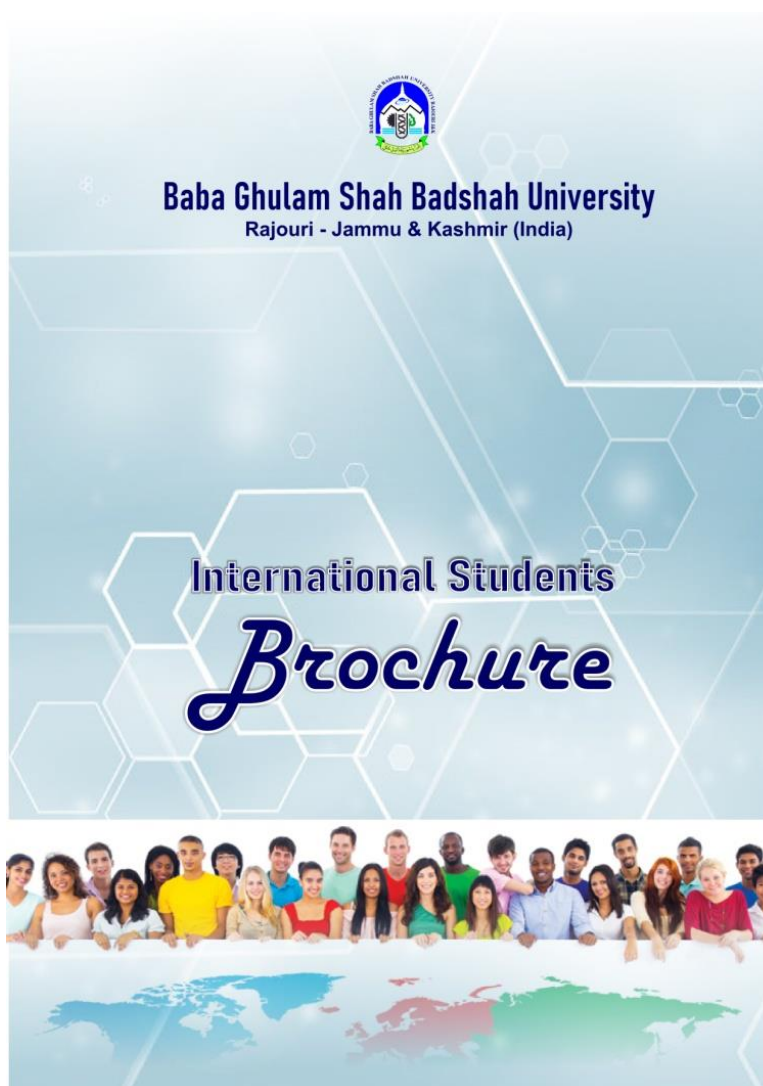
## RESIDENTIAL FACILITY FOR STAFF



## International Student Cell

Baba Ghulam Shah Badshah University is having International Student Cell which is focal point for admissions in the University for foreign national / NRI in various courses in the University. The doors of the University are open for all foreign national / NRI in the courses.

An office by the name International Students Cell at Baba Ghulam Shah Badshah University has been established in the Administration with Dr. Danish Iqbal Raina, Assistant Professor as Nodal Officer of the Cell to deal with the admissions & guidance of international students and to take advantage of opportunities and challenges in line with these trends. The Cell gives visibility to international initiatives including, study abroad and university partnerships; promotes international research collaboration; facilitates understanding of the impact of globalization; prepares students to be global citizens; and encourages productive global interactions among students, scholars, alumni, and community.





## **Student Council**

Students Council comprises of representatives of each department and is monitored by Dean of Students.

The highest level of Students Council is Core committee and is comprised of following sub committees:

- ❖ Hostel Committee
- ❖ Sports Committee
- ❖ Cultural Committee
- ❖ Editorial Committee
- ❖ Campus Development Committee
- ❖ Academic Affairs committee

## **Alumni Association**

The Alumni of the University have an autonomous and independent association named **BGSBU Alumni Association (BGSBUAA)**

Objectives:

- ❖ To strengthen and building lifelong bonds of kinship with the University
- ❖ To encourage the mutual understanding and support of the members.
- ❖ To have a platform of dialogue.
- ❖ To promote communication, promote fundraising within the association for social and community development.

## **TEACHING DEPARTMENTS**

### **SCHOOL OF MATHEMATICAL & COMPUTER SCIENCE**

## **DEPARTMENT OF COMPUTER SCIENCES**

### **INTRODUCTION OF THE DEPARTMENT**

The Department of Computer Science imparts quality education and also conducts research in cutting edge technologies in Computer Applications. The Department has produced 12 batches of MCA so far. Many passouts are holding important positions in Information Technology industry in the country. Teaching is imparted through 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 upto date with development in higher education in India and abroad. The CBCS aims to redefine the curriculum keeping pace with the liberalization and globalization of Education.

The Department has introduced five year Integrated MCA Programme apart from one year Advanced Diploma in Machine Learning. 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 state-of-the-art laboratories with high end blade servers & workstations and a 24- hours dedicated high speed optical fibre 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 passouts, who are trained in communication skills, oral presentation, personality attributes and other requirements of the corporate world.

### Academic Activities

- The faculty published research papers in various refereed journals and participated in conferences/seminars/workshops/refresher courses organized in this University and in other Universities of the country.
- 
- AICTE recognized Short Term Course on 'Artificial Intelligence and Optimization' through ICT organized by National Institute of Technical Teachers Training and Research, Chandigarh and conducted by Computer Sciences Department, Baba Ghulam Shah Badshah University, Rajouri, J&K from **January 21st, 2019 to January 25th, 2019.**
- 
- AICTE recognized Short Term Course on 'Application development using Angular Java' through ICT organized by National Institute of Technical Teachers Training and Research, Chandigarh and conducted by Computer Sciences Department, Baba Ghulam Shah Badshah University, Rajouri, J&K from **February 25th, 2019 to March 1st, 2019.**
- Two Weeks Faculty Development Programme on Machine Learning (FDP-ML 2019) organized by Department of Computer Sciences, Baba Ghulam Shah Badshah University, Rajouri, J&K from **April 22nd, 2019 to May 4th, 2019.**
- Expert Lecture of Dr. Monis Khan, Co-Founder & CEO, Datoin Bangalore on 'Shortcomings of Rule Based AI as Compared to ML Based AI' through Webinar on **November 21, 2019.**
-

- Pass outs of the Department have found placements in CS Infotech (Chandigarh), HDFC Bank, Micro Web Technology, CS Soft Solutions, Universities & JPH Technologies.
- Many pass outs are placed in Higher Education Department and are working as Assistant Professors in various colleges of the J&K State.
- Many students have also cleared UGC NET/SLET Examination.

## **Academic Achievement**

S.No	Name of Faculty	Research Papers in Journals	Full length Conference proceedings	Books/ Chapters in Books	Citations
1	Dr. Qamar Rayees Khan	08	11	01	05
2	Dr. Sanjay Jamwal	22	25	01	82
3	Dr. Aadil Ahmad Lawaye	13	05	-	05
4	Dr. Gulfam Ahamad	03	04	02	21
5	Dr. Mohd. Naseem	05	03	-	32

## **Facilities in the Department**

1. ICT enabled Lecture halls, Computer Programming Lab & Research Lab.
2. 24x7 Internet connectivity through dedicated 1Gbps optical fiber backbone .
3. Dedicated backup power supply from solar plant.
4. Open Source Softwares.
5. Blade Servers, Tower Servers, Interactive Boards.
6. High end workstations.

## **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.

#### INVITED GUEST FACULTY

Prof. Naseeb Singh Gill	Head, Deptt. of Computer Sciences & Applications, Maharashi Dayanand University, Rohtak - Haryana
Prof. Aquil Ahmed	Deptt. of Statistics & Operations Research AMU, Aligarh
Prof. Vinod Sharma	Deptt. of Computer Sciences & IT, JU, Jammu
Dr. P. S. Rana	Deptt. of Computer Sciences & Engineering, Thapar University, Patiala
Dr. Baijnath Kaushik	Deptt. of Computer Sciences & Engineering, SMVDU, Katra

#### **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.

# **DEPARTMENT OF INFORMATION TECHNOLOGY**

## **INTRODUCTION OF THE DEPARTMENT**

The Department of Information Technology is a flagship Department under the School of Mathematical & Computer Sciences having an up-to-date curriculum, well trained faculty and 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 Department is presently offering a two year Post Graduate programme leading to the Master's Degree in Information Technology (M. Sc. IT). It prepares skilled human resource in such prime areas as Systems Administration, Web based Technology, E-Business etc. So far, the Department has produced 10 batches of M. Sc. IT and most of them are highly placed in Government & reputed organizations within and outside India. Every Masters level student is required to pass 16 theory and 6 Lab. Courses. The final semester includes project work which provides exposure to real-life practical training to young learners, helps them adjust to corporate working and prepares them for finding suitable placements.

The outlook of the students is improved 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 which is supplemented by external support from time to time.

All laboratories of the Department are linked through wired and wireless Networking. Computing facility and Internet Services are available round the clock. The Department maintains well equipped laboratories with high end workstations and blade servers for separate computing platforms enabling students to work with latest technologies. The Department plans to diversify and expand its activities in the years to come.

### **Academic Activities**

- Research Programmes leading to M. Phil. & Ph.D. in Information Technology which are the first ever Research Programmes in Information Technology by any University in the J&K State.
- Organized National Seminar on Data Sciences & Artificial Intelligence.

## Programmes offered

<b>Master in Information Technology (M.Sc. I.T.)</b>	<ul style="list-style-type: none"> <li>• Total Seats : 30</li> <li>• General : 25</li> <li>• Self Supporting : 05</li> <li>• Duration: 02 years</li> </ul>
<b>Master in Philosophy (M. Phil.)</b>	<ul style="list-style-type: none"> <li>• Seats(M.Phil.) : As per availability</li> <li>• Duration: 01 year</li> </ul>
<b>Doctorate of Philosophy (Ph. D.)</b>	<ul style="list-style-type: none"> <li>• Seats(Ph.D.) : As per availability</li> </ul>

## FACULTY

S. No	Name	Qualification	Designation	Specialization
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
02	Miss Salma Farooq	B.E.(Computers), M Sc IT, SET	Assistant Professor	Soft Computing, Information Security, Software Engineering, Programming and Problem solving, DBMS.



03	<b>Mr Satish Kumar</b>	M Phil, MCA, NET, SET	Assistant Professor	Automated Neural Network, Neural Machine Translation, Natural Language Processing.
04	<b>Mr Ed Gowher Hafiz Wani</b>	MCA	Sr.Lecturer	Data Communication, Computer Networks, Data Structure, Digital Electronics, Theory of Automata.
05	<b>Mr Mudasser Nazar</b>	M.Tech ( IT), B.Tech (ITE)	Assistant Professor	Problem Solving, Artificial Intelligence, DBMS.
06	<b>Mr Mutassif Ishfaq</b>	M.Tech (CS), B.Tech (ITE)	Assistant Professor	Java Programming, Data Communication, Computer Networks, Data Structures.

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

- 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).

## DEPARTMENT OF MATHEMATICAL SCIENCES

### INTRODUCTION

The Department offers three Masters programmes: M. Sc. Mathematics (specialisation : Applied Mathematics), M. Sc. Mathematics (Morning) and 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 (specialisation : 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 post graduate programmes are common. In the third semester, the students split into two streams. The fourth semester is partially 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 rich library, which is being liberal funded by the National Board of Higher Mathematics, and 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

## 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

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

- Dr. Zaheer Abbas, delivered an invited talk in ***National seminar on Recent Advances in Complex Analysis and Operator theory*** and 27<sup>th</sup> 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”.
- 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.

**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 27<sup>th</sup> 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.
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# SCHOOL OF ENGINEERING & TECHNOLOGY

## UNIVERSITY POLYTECHNIC

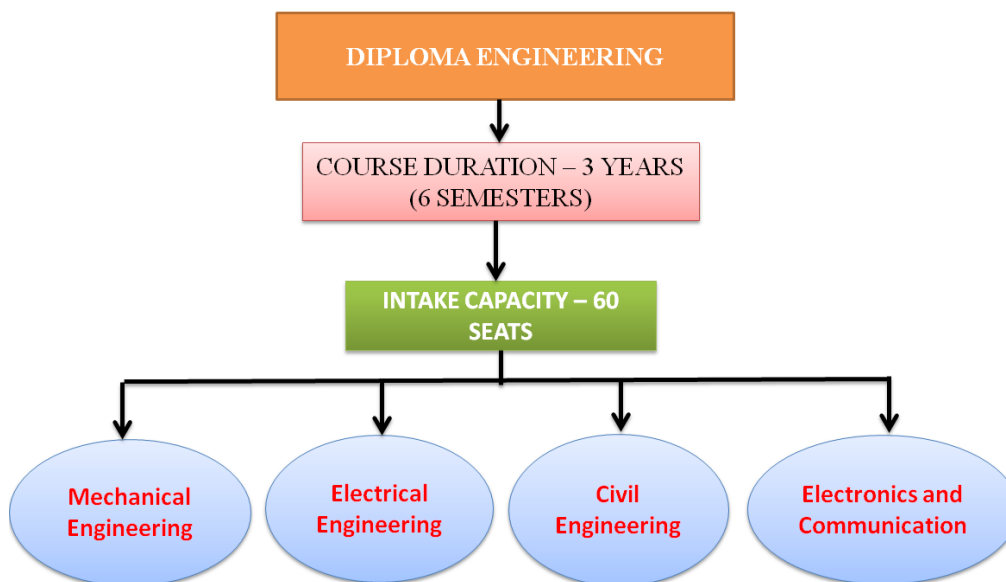
### INTRODUCTION

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

The Polytechnic imparts technical education through Diploma courses in :

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

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



## FACULTY

S.No	Name	Qualification	Designation	Specialization
1	<b>Malik Mubasher Hassan</b>	M.Tech, PhD(Pursuing)	Sr. Assistant Professor	Optical Communication, Wireless Communication and Computer Networks
1	<b>Mohd Rafiq</b>	M.Tech	Lecturer	Electrical Engineering
2	<b>Rafia Khatoon</b>	M.Phil	Lecturer	Organic Chemistry
3.	<b>Shivinder Mehta</b>	M Tech	Lecturer	Electrical Engineering
4	<b>Shakoor Ahmed</b>	B. Tech	T.A	Mechanical Engineering
5	<b>Showket Maqbool</b>	M.Tech	Lab. Tech.	Construction Technology & Management
6	<b>Farooq Ahmed</b>	B. Tech	Lab. Tech.	Mechanical Engineering
7	<b>Amit Dusgotra</b>	M.Tech (pursuing)	Lab. Tech.	Electronics & Communication Engineering
8	<b>Harpreet Kour</b>	M.Tech	A.P	Electrical Engineering
9	<b>Mohd Mukhtar</b>	M.Tech	A.P	Digital Communication
10	<b>Atif Mehmood</b>	B-Tech	T.A	Structure Engineering
11	<b>Sahil Hamid</b>	M.Tech	A.P	Digital Communication
12	<b>Princess Raina</b>	M. Sc	T.A	Applied Mathematics
13	<b>Ramandeep singh</b>	B.Tech	T.A	Civil Engineering
14	<b>Safeer Ahmed</b>	B.Tech	T.A	Civil Engineering

## **B.Tech PROGRAMMES**

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

- Department of Civil Engineering
- Department of Computer Science & Engineering
- Department of Electronics & Communication Engineering
- Department of Electrical Engineering
- Department of Information Technology & Engineering

The B. Tech. programmes of the University aim at generating technology enabled trained manpower to serve as engineers and successful entrepreneurs. Such gainfully employed young men and women will usher in economic transformation in the state. All B. Tech. programmes are approved by the All India Council of Technical Education (AICTE). Besides the general amenities available to all University students, the School of Engineering & Technology offers some extra amenities to its students which include:

### **Facilities Available:**

School Library:

The library has a large collection of engineering books, journals and newspapers. A separate Book Bank has been established which provides prescribed text books to students, particularly those belonging to socially disadvantaged classes.

Hi -Tech. Class rooms and Labs:



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

#### State-of-the-art Smart Class Rooms:

In order to conduct on-line teaching programmes based on MOOCs courses, the college has established state-of-the-art smart class rooms equipped with wi-fi enabled interactive boards and video conferencing facilities.

#### MOOCs:

Each student has to compulsorily pass two non-credit massive open online courses (MOOCs) under SWAYAM platform during four-year Engineering programme.

#### Industrial Relations:

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

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

#### Career Counseling & Placement Cell:

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

#### World Bank / MHRD funded TEQIP III programme:

The SoET has been sanctioned a handsome grant to improve the infrastructural facilities and achieve academic excellence in teaching & research. Under this programme, the following provisions have been made:

- (i) All the laboratories have been refurnished with the state-of-the-art equipment to conduct teaching & research in recent cutting-edge areas.

- (ii) Financial support for participation in Conference / Seminars / Workshops / Training programmes to students and the faculty.
- (iii) GATE Examination fee of students is being reimbursed by the University.
- (iv) GATE Coaching for 7th semester B.Tech. students is being conducted by highly Professional Experts with no fee being charged from students.
- (v) Employability Skill Test is arranged to assess the employability skill of each students and based on the assessment of strength and weakness of each student, the Employability Skill Training programme is being conducted to make each student acquire employability skill to become competitive in job market.
- (vi) Industry- Interaction and Internship Training programme are being conducted and all related expenditure are being reimbursed to students.
- (vii) Regular lectures by Captains of Industry and eminent academicians are being organised to keep the students updated with frontal areas of Engineering & Technology.
- (viii) Innovation Cell, Start-up Cells and Tinkering Labs. have been established to convert new innovations into prototype.

# CIVIL ENGINEERING

## INTRODUCTION OF THE DEPARTMENT

The Civil Engineering was established in the year 2008. Initially the Department was working as support for other engineering branches and offered courses like Engineering Mechanics, Engineering Graphics and Strength of Materials, etc. for the first year students.

The Department started offering B.Tech. programme in Civil Engineering in the year 2008. A team of qualified faculty with ample experience is the highlight of the department. Also, Department started B.E. Evening programme from 2016.

The objective of B.Tech. / B.E. graduate programme 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 of identifying, formulating and solving civil engineering problems that meet specified performance, cost, time, safety and other equality needs and objectives with professional and ethical responsibility.

## FACULTY

Name	Qualification	Designation	Specialization
Zishan Aslam	M.Tech	A.P.	Environmental engineering
Vaseem Ahmad Shahnaz	M.Tech	A.P.	Water Resources Engineering
Pervez alam	M.Tech	A.P.	Environmental Engineering
Nasir Ahmad Rather	M.Tech	A.P.	Water Resources Engineering

<b>Shahid Ul Islam</b>	M.Tech	A.P.	water resources
<b>Ameer Ullah Ganai</b>	M.Tech	A.P.	Geotechnical Engineering
<b>Najim ali</b>	M.Tech	AP (TEQIP-III)	Geotechnical Engineering
<b>Satya Prakash</b>	M.Tech	AP (TEQIP-III)	Water resource engineering
<b>Atul Sardalia</b>	M.Tech	AP (TEQIP-III)	Structural engineering
<b>Km Sharda Gupta</b>	M.Tech	AP (TEQIP-III)	Geotechnical engineering
<b>Pankaj rana</b>	M.Tech	AP (TEQIP-III)	Soil dynamics (Earthquake Engineering)
<b>Rahul Chandan</b>	M.Tech	A.P	Hydraulics Engineering
<b>Sayed Sadulla Ahmed</b>	M.Tech	AP (TEQIP-III)	Water Resources Engineering

#### 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 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

#### **PUBLICATIONS BY FACULTY MEMBERS**

- Alam Pervez, Ahmad Kafeel, S.S. Afsar, Akhter Naseem; **Effects Of Urban Morphology on The Traffic Induced Noise Distribution Through 2d Noise Mapping: A Case Study Of Okhla Industrial Area, New Delhi, India**; International Journal of Technical Innovation in Modern Engineering & Science; 5 (2), 1-8, 2019.
- Yawar Mushtaq Raina, Pervez Alam, Mohd Iqbal Raina; **Study of the characteristics of leachate and its influence on groundwater quality near improper landfill site in Jammu City, India**; International Journal of Environment and Waste Management; 23(2), 195-211, 2019.
- Pervez Alam, Kafeel Ahmad, S.S. Afsar and Nasim Akhtar; **Effects of Urban Morphology on The Traffic Induced Noise Distribution Through 2d Noise Mapping: A Case Study of Okhla Industrial Area, New Delhi, India**; International Journal of Technical Innovation in Modern Engineering & Science (IJTIMES), 1-8, 2019.

- Alam Pervez, Ahmad Kafeel, S.S. Afsar, Akhter Naseem; Validation of Road Traffic Noise Prediction Model CoRTN in Indian condition; 2nd International conference on Energy System, Drives and Automation, ESDA2019.

#### **SWAYAM COURSE COMPLETED BY FACULTY IN 2019**

- Plastic Waste Management Roll No:- NPTEL19CE07S51510001, Elite+Silver.
- Wastewater Treatment and Recycling, Roll No:- NOC19CE32S41530050; Elite.
- Electronic Waste Management - Issues And Challenges, NPTEL20CE12S1116202, Elite + Silver

#### **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



# 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

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

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

S. No	Name	Programme(s) Attended/ Paper(s) published
1	Khalil Ahmed	<ol style="list-style-type: none"> <li>1. Participated in One week workshop on <b>Applied Deep Learning</b> organized by MANAS LAB, School of Computing and Electrical Engineering, IIT Mandi held from 1<sup>st</sup> July to 05<sup>th</sup> July, 2019.</li> <li>2. Participated in Two day workshop on <b>Selected Topics of CSE</b> organized by the Departments of CSE, BGSBU from 1<sup>5th</sup> April to 1<sup>6th</sup> April,2019 in collaboration with AMU.</li> <li>3. Participated in One day workshop on <b>Intellectual property rights</b> organized by the Institution Innovation Council (IIC), BGSBU on 25<sup>th</sup> January 2019.</li> <li>4. Participated in one week workshop on <b>Machine Learning Tools and Techniques</b> organized by the Departments of CSE and ITE, BGSBU from 31<sup>st</sup> October to 4<sup>th</sup> November;2018 in collaboration with AMU.</li> <li>5. Participated in the AICTE recognized one week STC on <b>"Internet of Things"</b> through ICT conducted by CSE Department at BGSB University Rajouri JK from 06/08/2018 to 10/08/2018.</li> </ol>
2	Amit Dogra	<ol style="list-style-type: none"> <li>1. Attack Detection within Network using Hybridization of bisection TDE in IJEAT Publication. 3 Feb-2020</li> <li>2. DDOS attack Detection and Handling Mechanism in WSN.IJRET publication. 3 Sep.2019</li> <li>3. Detecting Intrusion with higher accuracy: using Hybrid K-Multilayer Perceptron . IJRET Publication ,3 Sep,2019</li> </ol>

3	Rukhsana Thaker	<ol style="list-style-type: none"> <li>1. Participated in One day workshop on Intellectual property rights organized by the Institution Innovation Council (IIC), BGSBU on 25<sup>th</sup> January 2019.</li> <li>2. Participated in one week workshop on Machine Learning Tools and Techniques organized by the Departments of CSE and ITE, BGSBU from 31<sup>st</sup> October to 4<sup>th</sup> November;2018 in collaboration with AMU.</li> <li>3. Participated in the AICTE recognized one week STC on "Internet of Things" through ICT conducted by CSE Department at BGSB University Rajouri JK from 06/08/2018 to 10/08/2018.</li> </ol>
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## RESEARCH PUBLICATIONS

- 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)
- 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 Honeypot 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)

# **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 (Pursuing)	A.P.	Microwave Engineering and Nanotechnology
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 Nemoi Ghosh	M.Tech	AP (TEQIP)	Applied Electronics and Instrumentation
13	Rahul Ratnakumar	M.E, PhD (Pursuing)	AP (TEQIP)	Microelectronics
			AP (TEQIP)	Electronics &

14	Praveen Kumar	M.Tech		Instrumentation Engineering
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#### 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 Nemai Ghosh attended **Faculty Induction Program** at IIT Kanpur from 29 Jan – 2 Feb 2018.
- Ms. Tanmoya Nemai 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 **Two Day Workshop on Outcome Based Education** held at at Baba Ghulam Shah Badshah University, Rajouri from 19-20 March 2018.



- 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. 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
- . 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.

## PUBLICATIONS BY FACULTY MEMBERS

- Tanveer Ahmad, Suhaib Ahmed, Vipan Kakkar, “Modelling and Simulation of a Reversible Quantum Logic based 4x4 Multiplier for Nanotechnology Applications,” International Journal of Theoretical Physics, vol. 59, pp. 57-67. (SCI/SCI-E Indexed)
- Soha Maqbool Bhat, Suhaib Ahmed, “Design of Ultra-Efficient Reversible Gate based 1-bit Full Adder in QCA with Power Dissipation Analysis,” International Journal of Theoretical Physics, vol. 58, no. 12, 2019, pp. 4042-4063 (SCI/SCI-E Indexed)
  - Firdous Ahmad, Suhaib Ahmed, Vipan Kakkar, G. Mohiuddin Bhat, Ali Newaz Bahar, Shahjahan Wani, “Modular Design of Ultra-Efficient Reversible Full Adder-Subtractor in QCA with Power Dissipation Analysis,” International Journal of Theoretical Physics, vol. 57, no. 9, 2018, pp. 2863-2880 (SCI/SCIE Indexed)

- Suhaib Ahmed, Vipin Kakkar, "A Novel SiO<sub>2</sub> Electret-based Electrostatic Energy Harvester for Cardiac and Neural Implants," Biomedical Research: An International Journal of Medical Science vol. 29, no. 8, 2018, pp. 1523-1526 (SCI/SCI-E Indexed)
- Bisma Bilal, Suhaib Ahmed, Vipin Kakkar, "Modular Adder Designs using Optimal Reversible and Fault Tolerant Gates in Field-Coupled QCA Nanocomputing," International Journal of Theoretical Physics, vol. 57, no. 5, 2018, pp. 1356-1375 (SCI/SCI-E Indexed)
- Shagun Gupta, Kritika Ramesh, Suhaib Ahmed, Vipin Kakkar, "Feasibility of Lab-on-Chip Theranostic Platforms in Wireless Body Area Networks (WBANs)" IEEE International Conference on Advanced Networks and Telecommunication Systems (ANTS), Goa, India, 16-19 December 2019.
- Soha Maqbool Bhat, Suhaib Ahmed, "Comparative Analysis of 3x3 Reversible Gates based Combinational Circuits in Quantum dot Cellular Automata Nanotechnology," 14th JK Science Congress, Jammu, India, December 2019.
- Soha Maqbool Bhat, Suhaib Ahmed, "Modelling of 3x3 Reversible Universal and Multifunctional Gate for Nanoscale Applications," First International Conference on Advancements in Engineering Sciences, Katra, India, September 2019. Page 2 of 3
- Insha Manzoor, Maira Nafees, Majid Irfan Baba, Soha Maqbool Bhat, Vishal Puri, Suhaib Ahmed, "Logic Design and Modeling of an Ultra-Efficient 3x3 Reversible Gate for Nanoscale Applications," Algorithms for Intelligent Systems, Springer Nature. (SCOPUS Indexed)
- Naira Nafees, Insha Manzoor, Majid Irfan Baba, Soha Maqbool Bhat, Vishal Puri, Suhaib Ahmed, "Modeling and Logic Synthesis of Multifunctional and Universal 3x3 Reversible Gate for Nanoscale Applications," Algorithms for Intelligent Systems Springer Nature. (SCOPUS Indexed)
- Vishal Puri , "Modeling and Logic Synthesis of Multifunctional and Universal 3x3 Reversible Gate for Nanoscale Applications" ICSC-2019 , 19-21 April 2019, New Tehri, Uttarakhand, India

- Vishal Puri , “Logic Design and Modeling of an Ultra-Efficient 3x3 Reversible Gate for Nanoscale Applications” ICSC-2019 , 19-21 April 2019, New Tehri, Uttarakhand, India
- 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.

# ELECTRICAL ENERGY ENGINEERING

## INTRODUCTION OF THE DEPARTMENT

The Department of Electrical Energy Engineering (EE) 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 has become one of the premier learning Department in the field of Electrical Energy Engineering. EE 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 Energy Engineering
- B.E. (Evening) in Electrical Engineering
- Ph.D. in Electrical Engineering

The Department organized following academic events.

S. No.	Title of Workshop	Duration
1.	Course on "Renewable energy with specialization in solar and wind"	13-02-2019 to 28-02-2019
2.	Short term course on "Recent Advances in Power & Energy Engineering"	12-03-2018 to 16-03-2018

## FACULTY

Name	Qualification	Designation	Specialization
Mr. Tasaduq Hussain	M.Tech., P.h.D. (Pursuing)	A.P.	Power electronics & Drives

<b>Mr. Shafqat Nabi Mughal</b>	M.Tech., P.hD. (Pursuing)	A.P.	Renewable Energy, Power System Deregulation, Artificial Neural Networks.
<b>Mr. Ahmed Riyaz</b>	M.Tech., P.hD. (Pursuing)	A.P.	Power electronics & Drives
<b>Dr. Farhad Ilahi Bakhsh</b>	M.Tech., P.hD.	A.P.	Power Electronics, drives and Power System. Renewable Energy Systems,
<b>Mr. Vinod Puri</b>	M.Tech., P.hD. (Pursuing)	A.P.	Power system and Electrical machine, Artificial Intelligence and optimization
<b>Mr. Qamar Ul Islam</b>	M.Tech.	A.P.	Instrumentation & Control
<b>Mr. Muzzafar Hussain</b>	M.Tech.	A.P.	Power System
<b>Ms. Ankita Runani</b>	M.Tech.	A.P.	Power Engg.
<b>Mr. Ch. Mohd Yassar Arfat</b>	M.Tech.	A.P.	Power Electronics & Systems
<b>Mr. Arvind Kumar Singh</b>	M.Tech.	A.P.	Power Electronics
<b>Mr. Ashish Kumar</b>	M.Tech.	A.P.	Control & Protection of Electrical
<b>Mr. Mukesh Kumar</b>	M.Tech.	A.P.	Power System
<b>Mr. Pankaj Kumar</b>	M.Tech., P.hD. (Pursuing)	A.P.	Power System
<b>Mr. Neetan Sharma</b>	M.Tech.P.hD(Pursuing)	Lecturer	Electrical Energy

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

<b>S.No.</b>	<b>Faculty Name</b>	<b>Programme attended Induction/FDP/STC/Seminars/Conferences</b>	<b>Year</b>
<b>1</b>	<b>Mr. Tasaduq Hussain</b>	Certificate course on Renewable energy with specialization in solar and wind Energy held at EE Department BGSBU, Rajouri from (12-26, Feb, 2019). Five days workshop on Applications in	<b>2019</b>

		Renewable Energy Systems held at NIT, Srinagar from 22-26 April, 2019.	
2	Mr. Shafqat Nabi Mughal	A STC on "MATLAB and LABVIEW with its Hardware Interface" Jan 29-2018 to Feb 02-2018, one week	2018
		Professional Development Training (TEQIP_III) at Indian Institute of Management Tiruchirappalli February 19-23, 2018, one week	
		A Short Term Course (STC) on "Recent Advances in Power & Energy Engineering" is being organized by ERE Department, BGSBU, Rajouri, J&K March 12-16, 2018 , one week	
		Attended Two Day Workshop on "Outcome Based Education (OBE)" held at SoET, BGSBU, Rajouri, J & K March 19-20, 2018	
		Five days workshop on Life Skill Development through ICT held at BGSBU, Rajouri from 30-07-2018 to 03-08-2018.	
		Five days STC on Internet of Things through ICT held at BGSBU, Rajouri from 06-08-2018 to 10-08-2018.	
		Three-week FDP on "UGC-SPONSORED Special Summer School Refresher Course in Sciences" held at University of Kashmir from 09-08-2018 to 07-09-2018.	
		Five days Workshop on Machine Learning: Tools and Techniques held at BGSBU, Rajouri from 31 <sup>st</sup> oct to 4 <sup>th</sup> Nov, 2018.	
		One-week workshop on Tools for scientific research in Engineering and Science held at BGSBU, Rajouri from 12-11-2018 to 16-11-2018.	
		AICTE recognized STC on "Artificial Intelligence & Optimization through ICT" hehd at	2019

		EE Department BGSBU, Rajouri from 21-01-2019 to 25-01-2019.	
		Two-week FDP on Machine Learning held at CSE Department BGSBU, Rajouri from 22-04-2019 to 04-05-2019	
		Certificate course on Renewable energy with specialization in solar and wind Energy held at BGSBU, Rajouri from(12-26, Feb, 2019).	
3	Mr. Ahmed Riyaz	A STC on "MATLAB and LABVIEW with its Hardware Interface" Jan 29-2018 to Feb 02-2018, one week	2018
		Attended Two Day Workshop on "Outcome Based Education (OBE)" held at SoET, BGSBU, Rajouri, J & K March 19-20, 2018, two days	
		Five days workshop on Life Skill Development through ICT held at BGSBU, Rajouri from 30-07-2018 to 03-08-2018.	
		Five days workshop on Statistical Data Analysis and Optimisation using Design of Experiment (DOE) 12th- 16th Nov. 2018	
		Certificate course on Renewable energy with specialization in solar and wind Energy held at BGSBU, Rajouri from(12-26, Feb, 2019)	2019
		Three-week seminar on "FPGA Based System Design" held at AMU Aligarh 4/29/2019 to 01-05-2019	
4	Dr. Vinod Puri	Attended NITTR STC "Life skill development through ICT". BGSB University July 30- August. 03, 2018. one week	2018
		Five days Workshop on Science and Technology for sustainable development held at BGSBU, Rajouri from 04-02-2018 to 08-02-2018.	
		Five days workshop on Life Skill Development	



		through ICT held at BGSBU, Rajouri from 30-07-2018 to 03-08-2018	
		Certificate course on Renewable energy with specialization in solar and wind Energy held at BGSBU, Rajouri from(12-26, Feb, 2019)	2019
5	Mr. QamarUI Islam	Certificate course on Renewable energy with specialization in solar and wind Energy held at BGSBU, Rajouri from(12-26, Feb, 2019)	2019
6	Mr. Muzaffarhussain	Five days workshop on Tools for scientific research in Engineering and Science held at BGSBU, Rajouri from 12-11-2018 to 16-11-2018.	2018
		Five-day workshop on Life Skill Development through ICT held at BGSBU, Rajouri from 30-07-2018 to 03-08-2018.	
		Five days workshop on Recent advances and Industrial Application of Power Electronic Converters and Electrical Machines held at AMU Aligarh from 22-26 October, 2018	
		Five days Workshop on Machine Learning: Tools and Techniques held at BGSBU, Rajouri from 31 <sup>st</sup> oct to 4 <sup>th</sup> Nov, 2018.	
		Five days STC on Sustainable Creativity & Innovation Management in Intuitions held at BGSBU, Rajouri from 24-09-2018 to 28-09-2018.	
		Certificate course on Renewable energy with specialization in solar and wind Energy held at BGSBU, Rajouri from(12-26, Feb, 2019)	
7	Ms. AnkitaRunani	One day Seminar on Cloud computing- Microsoft Azure held at BGSBU, Rajouri on 6 <sup>th</sup> Oct, 2018.	2018
		One week FDP on Research Methodology held at SMVDU, Katra from 8 <sup>th</sup> Oct to 12 <sup>th</sup> , 2018.	
8	Mr. MohdYassarArfat	Five days Workshop on Machine Learning: Tools and Techniques held at BGSBU, Rajouri	2018

		from 31 <sup>st</sup> oct to 4 <sup>th</sup> Nov, 2018.	
		Five days workshop on Tools for scientific research in Engineering and Science held at BGSBU, Rajouri from 12-11-2018 to 16-11-2018.	
		Five days Workshop on Embedded System Control Using Arduino held at AMU, Aligarh from 13 to 17 Sep, 2018.	
		Five days STC on Life Skills Development through ICT held in BGSBU, Rajouri from 30-07-2018 to 03-08-2019.	2019
		FDP on Indian Philosophy tradition and Culture (IDC) held at BGSBU, Rajouri from 15-01-2019 to 05-02-2019.	
		Certificate course on Renewable energy with specialization in solar and wind Energy held at BGSBU, Rajouri from(12-26,Feb,2019).	
<b>9</b>	Mr. Ashish kumar Mishra	Five days Workshop on workshop on Life Skill Development through ICT held at BGSBU, Rajouri from 30-07-2018 to 03-08-2018.	2018
		Five days Workshop on Advance Pedagogy: Active Learning and Digital Tools held at IIT Delhi from 17 <sup>th</sup> June to 21 <sup>st</sup> June-2019.	2019
		Certificate course on Renewable energy with specialization in solar and wind Energy held at BGSBU, Rajouri from(12-26,Feb,2019).	
<b>10</b>	Mr. Mukeshkumarsingh	Five-day STC on "Life skill Development" through ICT held at BGSBU, Rajouri from 30-07-2018 to 03-08-2018.	2018
		Five days Workshop on Advance Pedagogy: Active Learning and Digital Tools held at IIT Delhi from 17 <sup>th</sup> June to 21 <sup>st</sup> June-2019.	2019
		Certificate course on Renewable energy with specialization in solar and wind Energy held at	

		BGSBU, Rajouri from(12-26,Feb,2019).	
		Mr. Mukesh Kumar Singh has attended short term course on <b>“Power system operation control &amp; planning with renewable energy sources”</b> held at department of Electrical Engineering, NIT Kurukshetra during 03-07 July 2019	
<b>12</b>	Dr. Pankajkumar	<b>“Faculty Induction Program”</b> under TEQIP-III at IIT Hyderabad from 30 Jan.-03 Feb.2018.	2018
		Five days Workshop on Advance Pedagogy: Active Learning and Digital Tools held at IIT Delhi from 17 <sup>th</sup> June to 21 <sup>st</sup> June-2019.	2019
		Certificate course on Renewable energy with specialization in solar and wind Energy held at BGSBU, Rajouri from(12-26,Feb,2019).	
<b>13</b>	Mr. Gaurav kumar	Repair and Maintenance of Laboratory Equipment’s and Computers held at BGSBU, Rajouri from 02-06 Nov 2018.	2018
		Advance Pedagogy: Active Learning And Digital Tools held at IIT Delhi from 17th June to 21st June-2019.	2019
		Certificate course on Renewable energy with specialization in solar and wind Energy held at BGSBU, Rajouri from(12-26,Feb,2019).	
		Short Term Course under TEQIP-III on, “Next Generations Power Convertors: Design, PWM strategy and control” held at IIT Delhi from 1st July 2019 to 5th July 2019.	

## RESEARCH PUBLICATIONS BY FACULTY MEMBERS

S. No.	Faculty Name	Particular of Publications	Year
1	Mr. Shafqa tNabi Mughal	Shafqat 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)	2018
		RukhsanaThaker, Yusera Farooq khan, Shafqat Mughal "Fog Approach in Internet of Things: A Review" International Journal of Scientific Research in Computer Science Engineering and Information technology(IJSRCSEIT-2018), Vol 4, Issue1, ISSN: 2456-3307(UGC APPROVED)	
		Hassan M.S., Mughal S.N., Jarial R.K., Sood Y.R.," A Comparative Analysis of Different Maximum Power Point Tracking Algorithms of Solar Photovoltaic System" Applications of Computing, Automation and Wireless Systems in Electrical Engineering. Lecture Notes in Electrical Engineering, vol 553. Springer, Singapore.pp.217-229. (Print ISBN 978-981-13-6771-7 ;Online ISBN 978-981-13-6772-4) Jul-18.	
		Mughal S.N., Sood Y.R., Jarial R.K., "Design and Techno-Financial Analysis of Solar Photovoltaic Plant for School of Engineering and Technology at BGSB University, Rajouri (J&K)" Applications of Computing, Automation and Wireless Systems in	

	Electrical Engineering. Lecture Notes in Electrical Engineering, vol 553. Springer, Singapore.pp.217-229, (Print ISBN 978-981-13-6771-7 ;Online ISBN 978-981-13-6772-4) Jul-18.	
	Hassan M.S., Mughal S.N., Jarial R.K., Sood Y.R. (2019) "A Comparative Analysis of Different Maximum Power Point Tracking Algorithms of Solar Photovoltaic System" Applications of Computing, Automation and Wireless Systems in Electrical Engineering. Lecture Notes in Electrical Engineering, Vol 553. Springer, Singapore.pp.217-229 (Print ISBN 978-981-13-6771-7 ;Online ISBN 978-981-13-6772-4)	2019
	Mughal S.N., Sood Y.R., Jarial R.K. (2019) "Design and Techno-Financial analysis of Solar Photovoltaic Plant for School of Engineering and Technology at BGSB University, Rajouri (J&K)" Applications of Computing, Automation and Wireless Systems in Electrical Engineering Lecture Notes in Electrical Engineering, Vol 553. Springer, Singapore. pp. 231-243 (Print ISBN 978-981-13-6771-7 ;Online ISBN 978-981-13-6772-4)	
	Gaurav kumar, Shafqat Mughal, Sreenu Banoth (2019) "Design and Development of an AC/DC Microgrid for Isolated Power System and grid connected system" Think India Journal. Vol-22-Issue-4-October-December-2019 pp.7031-7035 ISSN:0971-1260 (UGC APPROVED)	

2	Mr. Ahmed Riyaz	Dr. Mohammed Asim, Ahmed Riyaz, Saurabh Tiwari and ArchanaVerma; " Performance Evaluation of Fuzzy Controller for Boost Converter with Active PFC", Journal of Intelligent and Fuzzy Systems, IOS Press; SIGMA-2018 Special Issue	2018
		Abdul Azeem, Mohd Tariq, AdilSarwar, Ahmed Riyaz and C. BharatiRaja; "Mathematical Analysis of Various Modulation Strategies Used for Multilevel Inverter", Lecture Notes in Electrical Engineering" (indexed in ISI Proceedings, EI-Compendex, SCOPUS, MetaPress, Springerlink) presented at International Conference on "Manufacturing, Advance Computing, Renewable Energy and Communication" on July 19th and 20th 2018 held at HMR Institute of Technology & Management, New Delhi	
		Mohammad Shahabuddin, Mohammed Asim, AdilSarwar, Ahmed Riyaz, Mirza Mohammad Shadab and AnasAnees; "Performance Based Analysis of Solar PV Emulators: A Review", Recent Advances in Electrical and Electronic Engineering, (RAEEE), ISSN (Print): 2352-0965 and ISSN (Online): 2352-0973 (ESCI and Scopus Indexed)	
		Mohsin Karim Ansari, Abdul Azeem, AdilSarwar, Mohd Tariq, MdReyazHussan, <b>Ahmed Riyaz</b> , "Comprehensive Analysis of Different Modulation Techniques on a Multi-Level Neutral Point Clamped Inverter in a Solar PV System" Scopus-Indexed Springer	2019

		Advances in Intelligent Systems and Computing 27 - 28 June 2019.	
3	Dr. Farhad Ilahi Bakhsh	FaizahFayaz, SaimaYaqub, MohdIrfan Khan, Faheem Bashir and FarhadIlahiBakhsh, "MATLAB Simulink Modeling of Hybrid Electric Vehicles" International Journal of Scientific Research in Computer Science, Engineering and Information Technology Volume 4, Issue 1, April 2018.	2018
		Neetan Sharma, FarhadIlahiBakhsh, Shivinder Mehta, "Green Independence" International Journal of Scientific Research in Computer Science, Engineering and Information Technology Volume 4, Issue 1, April 2018.	
		M. Tabrez, FarhadIlahiBakhsh 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.	
		Shirazul Islam, FarhadIlahiBakhsh and QamarUl Islam, "Modeling and Analysis of the Photovoltaic Array feeding a Single Phase SPWM Inverter," Advances in Intelligent Systems and Computing, Springer Book Series.	
		MohdIrfan Khan, and FarhadIlahiBakhsh, "Overview of Hybrid Electric Vehicles," 6th World Conference on Applied Science, Engineering & Technology, Goa, India, January 2-3, 2018.	
		Faheem Bashir, and FarhadIlahiBakhsh,	

		<p>“Energy Management Strategies in Hybrid Electric Vehicles (HEVs),” 6th World Conference on Applied Science, Engineering &amp; Technology, Goa, India, January 2-3, 2018.</p> <p>FaizahFayaz, and FarhadllahiBakhsh, “A comparative Study of Hybrid Electric Vehicles,” 6th World Conference on Applied Science, Engineering &amp; Technology, Goa, India, January 2-3, 2018.</p> <p>SaimaYaqub, and FarhadllahiBakhsh, “Hybrid Electric Vehicles: An Art of Review,” 6th World Conference on Applied Science, Engineering &amp; Technology, Goa, India, January 2-3, 2018.</p> <p>M. Tabrez, FarhadllahiBakhsh, Mahboob Hassan, K. Shamganth, Sami Al-Ghnimi, “Acomparative simulation study of different sensorless permanent magnet synchronous motor drives using neural network and fuzzy logic,” Journal of Intelligent and Fuzzy Systems, IOS Press, vol. 35,no. 5, pp. 5177-5184, Nov. 2018.</p> <p>Md. Ibrahim, M. A. Mallick and FarhadllahiBakhsh, “Design of SPV System for ICT Application A Case Study” International Journal of Research, Vol. 7, Issue 7, pp. 803- 809, July 2018</p>	
4	Mr.QamarUI Islam	<p>Qamar-ul-Islam, ShubamSagoch, Dikshit Langer, FaizaTabassum, IshratNabi; "Cell Phone Controlled Robotic Vehicle" IJEECS, Volume 7, Issue 3, March 20-18, ISSN 2348-117X.</p> <p>QamarUI Islam, "Remotely- Controlled</p>	2018



		<p>Globally-communicated Robotic Vehicle for Hazardous and critical real-time applications", paper presented in international conference of sciences and innovative technologies, Babol 5-6 September, 2018.</p> <p>QamarUI Islam, ShubamSagoch, Dikshit Langer, FaizaTabassum, IshratNabi; "Cell Phone Controlled Robotic Vehicle" presented in National Conference on Recent Advances in Computer Science and IT (NCRACIT) International Journal of Scientific Research in Computer Science, Engineering and Information Technology © 2018 JSRCSEIT, Volume 4, Issue 1, ISSN: 2456-3307 (ISI Impact factor 4.032)</p>	
		<p><b>QamarUI Islam</b> and <b>FarhadllahiBakhsh</b>, "Generation of Firing Pulse for TRIAC using PIC16F877A Microcontroller," International Conference on Automation Science and Engineering (ICASE-19), National Institute of Engineering and Research (NIER), Ghaziabad, U.P., India, 2 nd March 2019.</p>	2019
5	Mr. MuzaffarHussain	<p>Shakir , Amit jain, Manish , MuzaffarHussain. " ESRFT with ISCT fundamental extractor theory based DVR controller used for power quality improvement " in International journal of advanced engineering &amp; research development volume 5 issue 09 , September 2018.</p> <p>MuzaffarHussain , Dr. Feroz Mir " Effect of annealing temperature on different properties of an iron oxide nanoparticles" international conference on mechanical engineering and</p>	2018

		allied science in September 2018	
6	Mr. Neetan Sharma	<p>Neetan Sharma, DrFarhadllahiBakhsh, Shivinder Mehta, "Green Independence" Published in <i>International Journal of Scientific Research in Computer Science, Engineering and Information Technology</i>, National Conference on "Recent Advances in Computer Science and IT" (NCRACIT), Vol.4, Issue 1, ISSN: 2456-3307, held on 24-25 April 2018 at Baba Ghulam Shah Badshah University, Rajouri.</p> <p>Neetan Sharma, FarhadllahiBakhsh, Shivinder Mehta, "Efficiency Enhancement of a Solar Power Plant Using Maximum Power Point Tracking Techniques" IEEE International Conference on Computational and Characterization Techniques in Engineering &amp; Sciences (CCTES-18), Integral University, Lucknow, India, 14-15 September, 2018.</p> <p>Shivinder Mehta, FarhadllahiBakhsh, Neetan Sharma, "Efficient Energy Management and Grid Interconnection of Solar PV System" International Journal of Engineering &amp; Technology, Vol. 7, pp. 1273-1277, August 2018.</p>	2018
7	Dr. Pankajkumar	<b>Pankaj Kumar</b> , N. Gupta, K. R. Niazi and A. Swarnkar, "Branch currentdecomposition method for loss allocation in contemporary distribution systems," <i>International Journal of Electrical Power &amp; Energy systems, Elsevier</i> , 2018, vol. 99,pp. 134-145, doi:	2018

		10.1016/j.ijepes.2018.01.004 <b>(Impact Factor: 3.588)</b>	
		<b>Pankaj Kumar</b> , N. Gupta, K. R. Niazi and A. Swarnkar, "Cross-term decomposition method for loss allocation in distribution systems considering load power factor," <i>Electric Power Components &amp; Systems</i> , Taylor & Francis, 2018, vol. 46, (2), pp. 218-229, doi: 10.1080/15325008.2018.1434840 <b>(Impact Factor: 0.824)</b>	
		<b>Pankaj Kumar</b> , N. Gupta, K. R. Niazi and A. Swarnkar, "A Circuit Theory-based Loss Allocation Method for Active Distribution Systems," in <i>IEEE Transactions on SmartGrid</i> , 2019, vol. 10, (1), pp. 1005-1012, doi: 10.1109/TSG.2017.2757059 <b>(Impact Factor: 8.267)</b>	2019
		<b>Pankaj Kumar</b> , N. Gupta, K. R. Niazi and A. Swarnkar, "Exact Cross-Term Decomposition Method for Loss Allocation in Contemporary Distribution Systems," <i>Arabian Journal for Science and Engineering</i> , Springer, 2019, vol. 44, (3), pp. 1977-1988, doi: 10.1007/s13369-018-3230-2 <b>(Impact Factor: 1.711)</b>	

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

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

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

- 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. 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 “**NS2/3 Network Simulators**” held at NITTTTR, 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. 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 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. 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.

## RESEARCH PUBLICATIONS

- 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.
- 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.
- Pankaj Choudhary **“Ranking Terrorists of 9/11 Network using SNA and AHP”**, International Symposium on Analytical Hierarchical Process, London, January, 2018.

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

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

- Dr. Daraksha Anjum attended **Training & Development Practices in Select Tourism Sector in J&K: An Empirical Study**, paper presented at the National Seminar on Eco-Tourism Issues & Challenges, organized by B.Voc & Community College, School of Management Studies, BGSB University, Rajouri, J&K, 26th Mar., 2019.
- **Emerging Trends in Hospitality and Tourism in India**, paper presented at the National Seminar on Eco-Tourism Issues & Challenges, organized by B.Voc & Community College, School of Management Studies, BGSB University, Rajouri, J&K, 26th Mar., 2019.
- **Corporate Social Responsibility: Leading to Win Win Situation for the Corporate World and the Society**, paper presented at the International Conference on **Corporate Governance in Global Context: Prospects and Challenges** organized by Department of Management Studies, Geetanjali Institute of Technical Studies, Udaipur, Rajasthan, 29<sup>th</sup> Mar., 2019.
- 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 ***“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 27<sup>th</sup> 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 22<sup>nd</sup> of March, 2018.
- **Dr. Radha Gupta** attended two days workshop on “Outcome based education” held at school of engineering and technology ,BGSBU ,March ,19.
- **Dr. Radha Gupta** presented Paper entitled “Skill development : Initiative and challenges” in “ National seminar on policy reforms and economic diversification in India organized by School of Management Studies and Economics, BGSB University held on April,19.
- **Dr. Radha Gupta** attended presented Paper entitled “Impact of skill development on Economic Growth” in “ National seminar on policy reforms and economic diversification in India organized by School of Management Studies and Economics, BGSB University held on April,19.
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#### **WORKSHOP / COURSE**

- Dr Aasim Mir attended International Business Environment and Global Strategy course in January, 2019 organised by IIM Bangalore, India

- Dr Aasim Mir attended Creative Thinking: Techniques and Tools for Success course in January, 2019 organised by Imperial College, London, UKMs. 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 27<sup>th</sup> 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 27<sup>th</sup> 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.
- 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 27<sup>th</sup> 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 27<sup>th</sup> 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.
- 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.

## RESEARCH PUBLICATIONS

- Pazir. D. (2019) Unexplored Tourist Destinations of Pir Panjal Range, Research Journal of Humanities and Social Sciences. Paper ID:1946073621395294 VOL. 10 (2) PP **596-602** **ISSN 0975-6795**.
- Pazir. D. (2019) Fertilizer subsidies and Indian Agriculture. Research Journal of Humanities and Social Sciences. PP 241-247, 10(1): January - March 2019, Anv publication ISSN 0975-6795.
- Ms. Tazeem Akhter presented paper on in 3<sup>rd</sup> National Conference on Recent Trends in Sciences, Social Sciences and Humanities in Government P.G. College Rajouri, Jammu and Kashmir ( January 19-20,2019)
- Akhter, T. (2019). 'Potential Strategy for Economic Diversification: Tourism in Jammu region of Jammu and Kashmir', ***Periodic Research, Vol. 6(4):170-175. ISSN: 2231-0045.***
- Akhter,T. (2019). 'Dhoks( Meadows) in Jammu and Kashmir: Potential Eco-Tourism Hubs for Development of Tribals', ***Asian Resonance, Vol. 7(2): 86-91. ISSN: 0976-8602.***
- Sofi, I.A. & Shakeel, M. (2019). Quality and cost of education in Jammu and Kashmir. *International Journal of Movement Education and Social Science*. Volume 8 (issue 1): 1-17.

- Javed Sabah, Ahmad Naseem, Anjum Darakhshan (2019), A Critical Review of the various Human Resource Development Practices, Models and their Application in Higher Educational Institution, published in International Journal of Advanced Research (IJAR), A CrossRef Indexed Journal, ISSN-2320-5407, Vol. 7, Issue 5, May 2019, pp 1246-1256, DOI:10.21474/IJAR01/9158. (Impact Factor: 7.08).
- Javed Sabah, Javed Ruqaiya, Ahmad Naseem, Anjum Darakhshan (2019), Human Resource Management Practices and its Impact on Job Satisfaction among Employees in Higher Education Sector, published in International Journal of Marketing and Human Resource Management (IJMHRM), Peer Reviewed Refereed Scientific Journal, ISSN- P: 0976-6421, O: 0976-6643X, Vol. 10, Issue 2, May-August, 2019, pp 1-12, ( GISI Impact Factor 2016: 5.5510).
- 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.

## **PUBLICATIONS BY DR. JAVED IQBAL**

1. Venture Capital Financing: Issues and Challenges, journal of Emerging Technology and Innovative Research, ISSN: 2349-5162  
Impact Factor: 5.87
2. Impact of Capital Budgeting Decisions on Financial Performance of Small and Medium Enterprises (SME's): A case study of SME's of Jammu and Kashmir, International Journal of Advanced Scientific Research and management, ISSN: 2455-6378, Vol,4, issue 5, pp 24 – 29, April 2019  
Impact Factor: 3.655
3. An Overview of MGNREGA and its Solvency Analysis of Public Sector Undertaking: A case study of Bharat Petroleum Corporation Limited, Asian Academy of Management Journal of Accounting and Finance, (2019). pISSN: 1823-4992, eISSN: 2180-4192,
4. A study of Women Entrepreneurship in India: Issues and Challenges, International Journal of advanced and Innovative Research, (2019)eISSN: 2278-7844
5. An Analysis of Projected and Accomplished works under MGNREGA: A Case Study. *Purakala* ISSN:0971-2143 Vol-31-Issue-04-April-2020.Pp.140-149.Impact Factor 5.10.

## **BOOKS PUBLISHED BY DR JAVED IQBAL**

1. Accounting for Managers, (2019), New Delhi Publishers, ISBN No. 978-93-86453-89-1.
2. Financial Accounting, (2019), New Delhi Publishers, ISBN No. 978-93-86453-90-7.

## **BOOKS PUBLISHED BY DR AASIM MIR**

1. UGC NET/SET Digest Financial Management Vol. I 2019 (CSMFL Publications International Sole Author)



2. UGC NET/SET Digest Financial Management Vol. II 2019 (CSMFL Publications International Sole Author)

#### EMINENT VISITORS

- ❖ Prof. Nawab Ali Khan, Aligarh Muslim University, Aligarh
- ❖ Prof. Mohammad Israr UI Haq, Aligarh Muslim University,

#### 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

# 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

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

## 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 Development 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.

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

- 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 27<sup>th</sup> 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 attended ICSSR Sponsored Capacity Building Programme on ***Research Methodology for Young Faculty in Social Sciences*** organised by School of Social Sciences, Sikkim University from 11<sup>th</sup>-26<sup>th</sup> March, 2018.

## RESEARCH PUBLICATIONS

- 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).

## 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
<b>Dr. Shams Kamal Anjum</b>	Ph.D	Associate Professor/ HoD	Arabic
<b>Dr. MD Affan</b>	Ph.D	Assistant Professor	Arabic
<b>Dr. Mohd Azam</b>	Ph.D	Assistant Professor	Arabic
<b>Dr. Manzar Alam</b>	Ph.D	Assistant Professor	Arabic
<b>Dr Aqeela</b>	Ph. D	Assistant Professor (contractual)	Arabic
<b>Mr Naseeruddin sofi</b>	M A English	Teaching Assistant (contractual)	English

**CONFERENCES /SEMINARS /WORKSHOPS / EXTENSION LECTURE ORGANIZED BY THE DEPARTMENT:**

- **Baba Ghulam Shah Badshah Lecture Series III** on “Arabia ur Urdu Mein Natiya Shairi” by Prof. Abdul Majid Qazi, Jamia Millia Isamia New Delhi on **October 26, 2019.**

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

- **ANJUM SK** attended 3 days International Conference organized by the Institute of Islamic and Arab Studies in collaboration of Delhi Minority Commission held on 17-19 August 2019 and presented a paper on the topic “Hazrat Ali ki Shairi”.
- 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 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 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**”

- 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”**
- 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”**

## RESEARCH PUBLICATIONS

- **Anjum S K; Kulliyat E Anjum**(Collection of Poetry of Maulana Hamidul Ansari Anjum) *Educational Publishing House, Lal Kuwan Delhi 6, April 2019*
- **Anjum S K; Arabi Mein Azad Shairi Ka Moojid Kaun**, Monthly Mohaddis, Banaras, January 2019, Vol;37, (01) Page No 3-34,
- **Anjum S K; Kalma E Tayyaba Ka Maana Wa Mafhoom**, Monthly Mohaddis, Banaras, February 2019 Vol;37, (02) Page No 10-13
- **Anjum S K; Asri Jamiyat Se Wabasta Fozala E MAdaris Ke Banao Bigar Ke Asbab Ka Muhaakma**, MajallaAfkar E Aliya, Mau NathBahnjan, July- September 2019 (vol;16 (03), Page No 15-23, **ISSN No 2394-1820**
- **Anjum S K, Haadis aati Namon se Mash;hoorArabiKe Chand Shoara**, Urdu Duniya NCPUL, MHRD New Delhi, **September-2019** , P No 49-51**ISSN 2249-0630.**
- **Anjum S K; Ferozulloghat Mein Warid Arabia ur Islami Taraakeeb o Istelaahaat ka tanqeedi Jaeza**, MajallaAfkar E Aliya, Mau NathBahnjan, October- December 2019 (vol;16 (04), Page No 31-37, **ISSN No 2394-1820**
- **AffanMd ;An Taefatil Barsieen fi al-Rehlat al-Arabia** Nashra Ufuq, Arab Thought Foundation, Lebanon, 2019



- **AzmMohd**; Presence of Prose writing in the pre-Islamic world, Presence of Prose writing in the pre-Islamic world: Praxis International Journal of Social Science and Literature: (A Multidisciplinary and Multilingual Monthly Research Journal) Peer Reviewed Journal, bearing ISSN 2581-6675, Volume-2, Issue-8, Impact Factor: RIF 1.889 in August 2019.
- **AzmMohd**; Women's literary salons and societies in the Arab World: Research Review International Journal of Multidisciplinary (A Peer Reviewed Journal), bearing e-ISSN 2455-3085, Volume-4, Issue-8, Impact Factor: 5.164(SJIF), 16-August-2019.
- **AzmMohd**; Impact of the Holy Quran and the Hadith on Arabic literature and language: Praxis International Journal of Social Science and Literature: (A Multidisciplinary and Multilingual Monthly Research Journal) Peer Reviewed Journal, bearing ISSN 2581-6675, vol-2, Issue-9, Impact Factor: RIF 1.889, in September 2019.
- **AlamManzar**; Huqooqul – Islam Fi al Islam wa al- Qanoon al Dowali Dirasah Muqaranah, Majallah al Mazahir, Saharanpur, UP, March – April -2019,
- Anjum S K; **Balaghat E Quran E Kareem**, (Urdu Translation from Arabic) Educational Publishing House, Lal Kuwan Delhi 6, 2018
- 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
- 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,
- **Prof. Mohd. Ayoub Tajuddin Nadvi**, Head, Department of Arabic Jamia Millia Islamia
- **Prof. Zubair Ahmed Farooqi**, Former Head, Department of Arabic Jamia Millia Islamia
- **Prof. MN Khan**, Former Head Department of Arabic DU,

#### AWARDS/ APPRECIATION/ HONOURS TO THE FACULTY:

- **ANJUM S K**, Allama Syed Sulaiman Nadvi Alami Yaom E Urdu Award 2019 for Translation, United Muslim Of India, Urdu Development Organization, Delhi, November 2019.

## 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
<b>Dr. Shams Kamal Anjum</b>	Ph. D	HoD	Arabic Literature
<b>Dr. Naseem Gul</b>	Ph. D	A.P.	Islamic Studies
<b>Dr. Rafiq Anjum</b>	Ph. D	A.P.	Islamic Studies
<b>Mr. Sajad Ahmad Kumar</b>	M.A/NET	A.P. (Contractual)	Islamic Studies

Mr. Gulzar Ahmad Bhat	M.A/NET/SET	A.P. (Contractual)	Islamic Studies
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#### BOOKS PUBLISHED BY FACULTY MEMBERS:

- Anjum, M R; “ChittiMitti” Adam Publishers, Delhi, 2019.
- Anjum, M R; “Zanbeel” ISBN 978-81-7435-769-4, 2019.
- Anjum, M R; “Essentials of Islamic Sciences”, Adam Publishers, Delhi, 2019.

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

- **Gul, Naseem**; Participated in three days National Conference / 5th J&K Agriculture Science Congress on the theme Climate Change Management for Sustainable Agriculture, Livestock Farming and Ecological Development organized by SKUAST-Jammu, on 14<sup>th</sup> to 16<sup>th</sup> October 2019 and presented paper titled “Health Benefits, Awareness and Attitude of People Towards Use of Honey in District Srinagar of Kashmir Valley: A Survey”.
- **Malik, Ashraf**; Paper Presentation on *Exploring the Right to Human Dignity with Special Reference to Khutbat-ul-Wida of Prophet Muhammad (SAAS)* in a Two-Day International Conference (16<sup>th</sup>-17<sup>th</sup> March, 2019)– Spirituality and Social Justice in Islam, at University of Kashmir
- **Malik, Ashraf**; Paper Presentation on *Integration of Knowledge: Transcending the Contradictions Between Sacred and Profane in Two-Day International Conference at CUK, Kashmir, Organised by Department of Religious Studies, Two-Day International Conference on “Rethinking Education of Religions in the Modern World: Prospects and Challenges”, 30-31 July, 2019*

- **Amin, Ishfaq;** Participated in One Week Workshop on Research Methodology in Social Sciences conducted by UGC-Human Resource Development Centre, University of Kashmir, Srinagar, from 25th May to 30th May, 2019.
- **Amin, Ishfaq;** Participated in two-days international conference on “Spirituality and Social Justice in Islam: Challenges and Prospects” on 16-17<sup>th</sup> March- 2019, organized by Shah-i-Hamadan Institute of Islamic Studies, Kashmir University, Hazratbal, J&K and presented a paper on “*Social Justice in Islam vis-à-vis Contemporary Global Crises: A Maqasid al-Shari’ah Perspective*”.
- 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 participated in the two days Seminar on Quranic Perspective on Knowledge, Education and Development, held at Kashmir University on 14-15 March, 2018

#### **PUBLICATIONS BY FACULTY**

- **Gul, Naseem;** “**Dialogue; its Roots, Significance, Principles and Types from Primary Islamic Sources**” in SurajPunj Journal for Multidisciplinary Research (SPJMR), **ISSN 2394-2886**, Vol. 9, Issue 4, 2019, Indexed, Peer Reviewed, Referred, UGC Approved S. No. 64786, ISO 7021:2008. SCOPUS suggested ID: 51M9SP57H6453A17.
- **Gul, Naseem;** “***Unity of Mankind and Belief in Supreme***” in Journal of Emerging Technologies and Innovative Research (JETIR), **ISSN 2349-5162**, Vol. 6, Issue 4, 2019, UGC Approved S. No. 63975, IF 5.87 Google Scholar.
- **Anjum, M R;** “***Neonatal Hypoglycaemia: Risk factors and clinical profile***” Journal of Medical Science and Clinical Research JMSCR Vol [07] Issue [02] February 2019,

pp 1081-1085. {Index Copernicus value: 79.54, ISSN e 2347-176x ISSN p 2455-0450}

- **Anjum, M R; “Effectiveness of probing in congenital nasolacrimal duct obstruction in children above 1 year of age”**Original Research Article Published in International Journal of Biomedical Research IJBR Vol 10 No 2 (2019) FEB ISSN 2455-0566 **“Islamic Perspective on Birth Control: Issues and Prospects”**, Al-Afkar Journal for Islamic Studies, Malaysia. January 2019
- **Malik, Mohd Ashraf; “Evolutionary Theory of Religious Phenomenon: An Islamic Perspective”**Research Review International Journal of Multidisciplinary Research, Vol.04, Issue 05, ISSN: 2455-3085 (Online), May, 2019
- **Malik, Mohd Ashraf; “Preserving Environment through Religion: A Study of Muhammad’s Sunnah”**, Research Review International Journal of Multidisciplinary Research, ISSN: 2455-3085 (Online), Vol.04, Issue-01, January 2019
- **Malik, Mohd Ashraf ; “Exploring theRight to Human Dignity with Special Reference to Kutbat-ul-Wida of Prophet Muhammad (SAAS)”**SurajPanj Journal for Multidisciplinary Research, ISSN : 2394-2886, Vol. 9, Issue 06 June, 2019

**CONFERENCES/SEMINARS/WORKSHOPS/ EXTENSION LECTURE ORGANIZED BY  
THE DEPARTMENT:**

- (2019) Organised an Extension Lecture on the theme Etymological Variations of the term Tasawwuf delivered by Dr. Afroz Ahmad Bisati, Ex-Head, Department of Islamic Studies, IUST, Awantipora, Kashmir on 21st October 2019
- (2019) Organised an Extension Lecture on the theme Application of Statistics in Social Sciences delivered by Dr. Bilal Ahmad Bhat, Associate Prof. Statistics, SKUAST-Kashmir on 23rd September 2019
- (2019) Organised an Extension Lecture on the theme Integration of Knowledge Movement: A Global Perspective delivered by Prof. Hamidullah Marazi, Ex-Head, Department of Islamic Studies, University of Kashmir, Srinagar and Head & Prof. Department of Religious Studies, Central University of Kashmir on 27th May 2019
- (2019) Organised Value Added Course of Two Weeks / 30 hour contact classes on "Understanding Quranic Arabic" through Department of Islamic Studies, BGSBU, Rajouri, Jammu & Kashmir from 22-04-2019 to 06-05-2019.
- (2019) Organised Two Day Workshop on "De-Stress With Meditation" through Department of Islamic Studies, BGSBU, Rajouri, Jammu & Kashmir on 14-15 March 2019.

## 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
<b>Dr. Shams Kamal Anjum</b>	Ph. D	HoD	Arabic
<b>Dr Mushtaq Ahmed Wani</b>	Ph.D	A.P.	Urdu
<b>Dr.Liaqat Nayyar</b>	Ph.D	A.P.	Urdu
<b>Dr Asaf Malik</b>	Ph.D	A.P.	Urdu
<b>Ms. Rizwana Shamsi</b>	M.Phil	A.P.	Urdu
<b>Dr Mohd. Ayoub</b>	Ph. D	A.P. (Contractual)	Urdu



#### BOOKS PUBLISHED BY THE FACULTY MEMBERS:

1. **WaniMushtaq; Tarseel o Tafheem (Tahqeeq o Tanqeed)** *Educational Publishing House, Lal Kuwan Delhi 6, 2019*
2. **WaniMushtaq; Qabr Mein Zinda Aadmi (Afsane)** *Mizan Publishers, Kashmir , 2019*
3. **WaniMushtaq; Kya Haal Hai Janan (Afsane)** *Educational Publishing House, Lal Kuwan Delhi 6, 2019*
4. **WaniMushtaq; Tanazur o Tafakkur (Tahqeeq o Tanqeed)** *Educational Publishing House, Lal Kuwan Delhi 6, 2019*

#### CONFERENCES/ SEMINARS/ WORKSHOPS/ EXTENSION LECTURE ORGANIZED BY THE DEPARTMENT:

- **Chiragh Hasan Hasrat Memorial Lecture-II** on “Urdu Loghat Nawesi; Tareelh, Tadween, Ahmiyat” by Mr. Javed Anwar (Editor Majallah Tahreek E Adab, Banaras on **September 19, 2019.**
- Urdu Mushaira, **September 19, 2019.**
- Extension Lecture by Prof Ayaz Rasul Nazki on the topic; Urdu Poetry, Imkanat aur Mustaqbil, October 19, 2019.

#### 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 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”**
- 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 8<sup>th</sup> 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; **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

## 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
<b>Dr. Romina Rashid (Head)</b>	M.A, SLET, Ph. D.	A.P.	Postcolonial Studies and British Literature
<b>Ms. Mariya Aslam</b>	M.A, SET, B. Ed	A.P.	Postcolonial Studies and Travel Literature
<b>Dr. Shachi Sood</b>	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

#### 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 22<sup>nd</sup> March 2018 at Govt. P G College Rajouri, J&K.
- 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 22<sup>nd</sup> March 2018 at Govt. P G College Rajouri, J&K.
- Delivered Lecture: Ahmed. Tanvir on ***“Women and Challenges Ahead”*** on One Day Seminar on Emancipation of Women: Issues and Challenges on 8<sup>th</sup> 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 22<sup>nd</sup> 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 22<sup>nd</sup> 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.

## RESEARCH PUBLICATIONS

- Rashid, Romina and Tanvir Ahmed. **“The Quest for Identity in Mariam Karim’s *My Little Boat*.”** *Indian English Novels: Styles and Motives*. Edtd 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.**” Edtd by Dipak Giri. March 2018.
- 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. 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, Yasmeena 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

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



## RESEARCH PUBLICATIONS

- 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).

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

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

- Dr. Raja Amir presented a paper at “Sixth Annual Conference of the **Society for Indian Academy** of Medical Genetics, (SIAMGCON 2019)” held at Hyderabad, India from 21<sup>st</sup> to 23<sup>rd</sup> November, 2019
- Dr. Raja Amir delivered an invited lecture at “Interdisciplinary National Conference on **Recent Trends in Sciences and Humanities**” held by PG College, Rajouri from 20<sup>th</sup>-21<sup>st</sup> January, 2019.
- 3. Dr. Tanvir-ul-Hassan Dar participated and delivered lecture in National conference on “**Recent Advances in Science, Literature and Humanities**” held at Government Degree College Surankote, Rajouri, on 26th March, 2019.
- Dr. Shoeb Ahmad attended FDP on ‘**Genetic Engineering**’ organized by NPTEL-AICTE from Jul-Oct 2019 (12 week).
- Dr. Shoeb Ahmad attended FDP on ‘**BioEnergy**’ organized by NPTEL-AICTE from Jul-Sep 2019 (8 week).
- Dr. Shoeb Ahmad attended UGC Sponsored Orientation Programme organized by UGC-HRDC-AMU, Aligarh from 11/6/2019-30/6/2019.
- 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. 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 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

- Mir YR, **Kuchay RAH\***. (2019). Advances in identification of genes involved in autosomal recessive intellectual disability: a brief review. **J Med Genet.**56(9):567-573.(ISSN: 1468-6244; Indexed; International; UGC Approved; **IF 5.8; Corresponding Author**).
- **Kuchay RAH\***, Mir YR, Zeng X, Hassan A, Musarrat J, Parwez I, Kernstock C, Traschütz A, Synofzik M. (2019). ARSACS as a Worldwide Disease: Novel SACS Mutations Identified in a Consanguineous Family from the Remote Tribal Jammu and Kashmir Region in India. **Cerebellum.**18(4):807-812. (ISSN: 1473-4222;Indexed; International; IF 3.5; **First and Corresponding Author**)
- Maji S, Dahiya P, Waseem M , Dwivedi N, Bhat DS, **Dar TH**, Thakur JK. (2019). Interaction map of Arabidopsis Mediator complex expounding its topology. **Nucleic Acids Research** 1–17.
- Rather ZA, AA, Khuroo, Dar AR, **Dar TH(2019)**.Smartphone-integrated field microscopy (SPFM): a low-cost and portable tool to study live biological specimens in the wild, Plant Biosystems. *An International Journal Dealing with all Aspects of Plant Biology*, DOI: [10.1080/11263504.2019.1686081](https://doi.org/10.1080/11263504.2019.1686081)

- Rather ZA, Wachkoo AA, Khuroo AA, Dar AR, Dar TH(2019). First record of *Aspicerahartigi* (Hymenoptera, Figitidae) from India, with observations on its foraging behavior on Ephedra plants. *Journal of Asia-Pacific Biodiversity*, DOI 10.1016.2019.03.007
- 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.
- 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.

# 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

## SEMINAR ORGANISED

To commemorate 150<sup>th</sup> Birth Anniversary of Mahatma Gandhi, One day Seminar on “**Gandhian Philosophy and its Relevance**” was organized on September 19, 2019

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

- Shreekar Pant. (2019). Livelihood upliftment of rural women with the help of low cost eco-friendly technologies (National Conference). Appropriate Technological Interventions & Skills for Enhancing Income levels and Reducing Vulnerability to Acquire Socio-Economic Stress among Rural and Semi Urban Communities in North Western Himalayas held on Career Point University, Himachal Pradesh w.e.f. Nov 08-09, 2019.
- Mamta Bhat (2019). Presented paper, “Lichens as biomonitors of air pollution” in International Conference on Sustainable Development in

Energy and Environment organized by Kamaraj College of Engineering & Technology, Tamil Nadu July 18<sup>th</sup>, 2019 – July 20<sup>th</sup>, 2019.

- Sajid Khan, Ishfaq Ahmad Wani, Priyanka Kumari and Susheel Verma (2019). Sex expression and Breeding system of *Dodonaea viscosa* (Sapindaceae), an important plant species. “National Seminar on Plant and Fungal Diversity: Status and Challenges & Symposium on Plant Ecology” held on February 22-23, 2019, Department of Botany, University of Jammu
- Mamta Bhat attended One day Pre Conference Workshop on Molecular Systematics of lichens organized by Indian Lichenological Society, at CSIR NBRI, Lucknow, January 26<sup>th</sup>, 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 19<sup>th</sup> – 20<sup>th</sup>, 2018.

## RESEARCH PUBLICATIONS

- Susheel Verma. Priyanka Kumari and Ankush Khajuria, (2019). Pollination Biology of *Valeriana wallichii*, a threatened medicinal plant of Himalayan region. The International Journal of Plant Reproductive Biology 11(2):182-185.
- Priyanka Kumari, Ankush Khajuria, Ishfaq A. Wani, Sajid Khan and Susheel Verma. (2019). Effect of Floral Size Reduction on Pollination and Reproductive Efficiency of Female Flowers of *Valeriana wallichii*, a Threatened Medicinal Plant. Natl. Acad. Sci. Lett. <https://doi.org/10.1007/s40009-020-00954-8>



- Virbala Sharma and Shreekar Pant (2019). Weed as Underutilized Bio-resource and Management Tool: A Comprehensive Review. *Waste and Biomass Valorization* (10): 1795-1810.
- Mamta Bhat and Bharti Sharma (2019). Ethnobiology, phytochemistry and pharmacology of *Usnea longissima*: a review. *International Journal of Scientific Research in Biological Sciences*.6(1):263-269. E-ISSN:2347-752 .DOI: <https://doi.org/10.26438/ijsrbs/v6i1.263269>.
- Anket Sharma, Cristiano Soares, Bruno Sousa, Maria Martins, Vinod Kumar, Babar Shahzad, Gagan P.S. Sidhu, Aditi Bali, Mohd Asgher, Renu Bhardwaj, Ashwani K. Thukral, Fernanda Fidalgo, and Bingsong Zheng (2019). Nitric oxide-mediated regulation of oxidative stress in plants under metal stress: a review on molecular and biochemical aspects *Physiologia Plantarum* doi:10.1111/ppl.13004.
- Safikur Rahman, Manali Dutta, JihoeKim, Arif TasleemJan.(2019). CRISPR/Cas: An intriguing genomic editing tool with prospects in treating neurodegenerative diseases. *Semin Cell Dev Biol*.96:22-31(IF 5.46)
- Taeyon Kim, Khursheed Ahmad, Sibghatullah Shaikh, Arif TasleemJan, Seo MG, Eun Ju Lee, InhoChoi. (2019). Dermatopontin in Skeletal Muscle extracellular matrix regulates myogenesis. *Cells*.8 (4): E332
- Mohammad Hassan Baig, Ilyas Rashid, Prachi Srivastava, Khursheed Ahmad, Arif TasleemJan, Ghulam Rabbani, DukhwanChoi, George E. Barreto, Ghulam Mohammad Ashraf GM, Eun Ju Lee, InhoChoi. (2019). NeuroMuscleDB; a database of genes associated with muscle development, neuromuscular diseases, ageing and neurodegeneration. *Mol Neurobiol*.56(8): 5835-5843
- Arif TasleemJan, Safikur Rahman, Shahnava Khan, Tasduq Sheikh Abdullah, InhoChoi. (2019). Biology, Pathophysiological role and clinical implications of exosomes: A critical appraisal. *Cells*. 8; 99
- SafikurRahman, Agychari Archana, Arif TasleemJan, Divya Dutta, Shanker A,

- JihoeKim, Rinki Minakshi. (2019). Molecular insights into the relationship between autoimmune thyroid diseases and breast cancer: A critical perspective on autoimmunity and ER stress. *Front Immunol*.10: 344
- SafikurRahman, Agychari Archana, Divya Dutta, Vijay Kumar, Jihoe Kim, Arif TasleemJan, RinkiMinakshi. (2019). The onus of cannabinoids in interrupting molecular odyssey of breast cancer: A critical perspective on UPRER and beyond. *Saudi Pharm J*.27(3): 437-445
  - Meena, M. Hanief, A. Bidalia, J. Dinakaran, K. Vikram,, A. Bidalia, S Tambat and K. S. Rao (2019). Changes in vegetation cover and soil intrinsic properties influence the soil bacterial community composition and diversity across different climatic regions of India. *Vegetos* 33: 288-302
  - Meena, M. Hanief, A. Bidalia, J. Dinakaran, and K. S. Rao (2019). Assessment of above and belowground carbon pools in a semi-arid forest ecosystem of Delhi, India. *Ecological Processes*. 8:8 doi.org/10.1186/s13717-019-0163-y
  - Azam, M., Sultan, I., Jan, A.T and Haq, Q.M.R. 2018. ***“Study on diversity in the prevalence of extended spectrum  $\beta$ -lactamases (ESBLs): An Indian scenario”***. *Current Drug Metabolism*. (Accepted) (IF 2.659)
  - 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>
  - 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)
  - 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)

## RESEARCH PROJECT SANCTIONED TO FACULTY IN THE DEPARTMENT

1. Developing methods for tolerance against drought and heat stress in *Zea mays* and *Phaseolus vulgaris* grown in Pir Panjal region of Jammu and Kashmir". Sanctioned to Dr. Mohd Asgher in 2019 by DST- SERB ( Total Grant: 33 Lakhs).

## EXTENSION ACTIVITIES

- Extension activities including spawn distribution of Mushroom and Seed distribution of high yielding vegetable varieties were undertaken in the nearby villages under the DBT funded research project "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"
- Mamta Bhat visited as a Resource person in the DBT supported National Workshop on Foldscope – Twinning Program for outreach and Research Activity at Anandram Dhekial Phookan College, Nagaon, Assam, 25<sup>th</sup>, Feb. 2019

## INTERNATIONAL VISITS

1. Dr. Mamta Bhat Presented paper in International Conference on "Lichens: from molecules to ecosystems, Syktyvkar 2019" organized by , **Institute of Biology of Komi Scientific Centre of the Ural Branch of the Russian Academy of Sciences, Komi Republic, Russia**, September 9<sup>th</sup> – 13<sup>th</sup>, 2019.

## TRAININGS / SHORT TERM COURSES/FACULTY DEVELOPMENT PROGRAMMES ATTENDED

1. Dr. Mamta Bhat attended Faculty Development Programme on Science & Technology for sustainable development through ICT conducted by Electrical Engineering Department, University Polytechnic, Baba Ghulam Shah Badshah University, Rajouri, February 4<sup>th</sup>, 2019 - February 8<sup>th</sup>, 2019.

## 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

<b>Dr.Sajad Hussain Parey</b>	Ph.D.	A.P.	Entomology
<b>Dr. Sajad Ahmad Khan</b>	Ph.D.	A.P.	Entomology
<b>Ms. Shahnaz Anjam</b>	M.Sc.	A.P.	Entomology
<b>Dr. Javeed Ahmad</b>	Ph.D.	Assistant Professor (Contractual)	Human Genetics

#### 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 22<sup>nd</sup> to 24<sup>th</sup> 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. 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 8<sup>th</sup> and 9<sup>th</sup> 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 13<sup>th</sup> 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*.
- Sinha N., Shrivastava S., Reshi M.S., Uthra C., Yadav D and Shukla S. 2018. "Role of Personalized medicine in prevention of Anti-tuberculosis drug induced liver toxicity." *Personalized medicine book, Finland (in press)*
- 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)*.
- Pandher, M.S., Simranjit K and Parey S.H. 2018. "**Three new species of the genus *Kisaura* Ross (1956) (Trichoptera: Philopotamidae) from Arunachal Pradesh, India.**" *Zootaxa*. 4403 (3): 586-593.
- Pandher, M.S., Hans M and Parey S.H. 2018. "**New species of the genus *Cheumatopsyche* Wallengren, 1891 (Insecta: Trichoptera: Hydropsychidae) from Indian Himalaya.**" *Zootaxa*. 4379 (3): 407-420

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

## **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
<b>Dr. Pushpendra Kumar</b>	Ph. D Nursing	Assistant Professor	Psychiatry Nursing
<b>Mrs. Akoijam Sangita Devi</b>	M. Sc Nursing	Assistant Professor	Medical Surgical Nursing
<b>Mrs. Kiran Kaur</b>	M. Sc Nursing	Nursing Tutor	Pediatric Nursing
<b>Ms. Marfa Bano</b>	B. Sc Nursing	Nursing Tutor	UG
<b>Mrs. Gurjyot Kaur</b>	M. Sc Nursing	Nursing Tutor	Medical Surgical Nursing
<b>Mrs. Savita Kutlehria</b>	B. Sc Nursing	Nursing Tutor	UG
<b>Ms. Isha Chib</b>	M. Sc Nursing	Nursing Tutor	Psychiatry Nursing
<b>Ms. Vksk Priyanka Kavuluru</b>	M. Sc Nursing	Nursing Tutor	Obstetrics & Gynecological Nursing
<b>Ms. Ann Mary Jose</b>	M. Sc Nursing	Nursing Tutor	Pediatric Nursing
<b>Mrs. Priyanka Yadav</b>	M. Sc Nursing	Nursing Tutor	Pediatric Nursing
<b>Ms. Saima Habeeb</b>	M. Sc Nursing	Clinical Instructor	Obstetrics & Gynecological Nursing
<b>Mr. Masood Ahmed Sheikh</b>	M. Sc Nursing	Clinical Instructor	Community Health Nursing

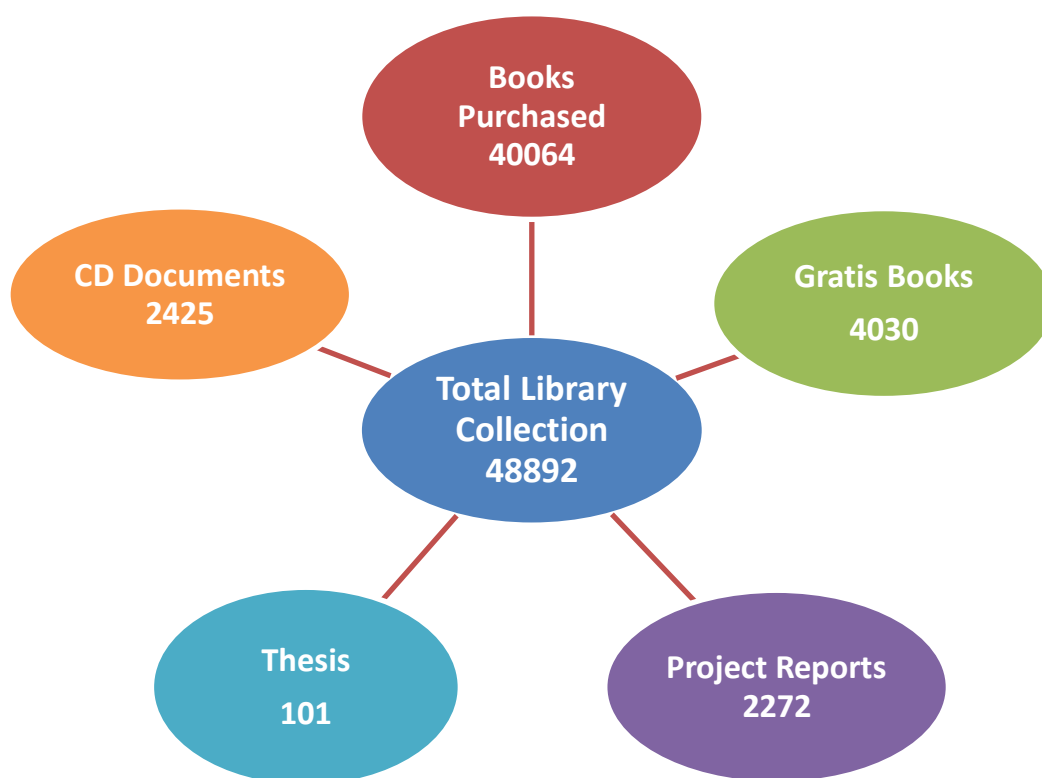
## NURSING COLLEGE KISHTWAR

### FACULTY

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

## **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.



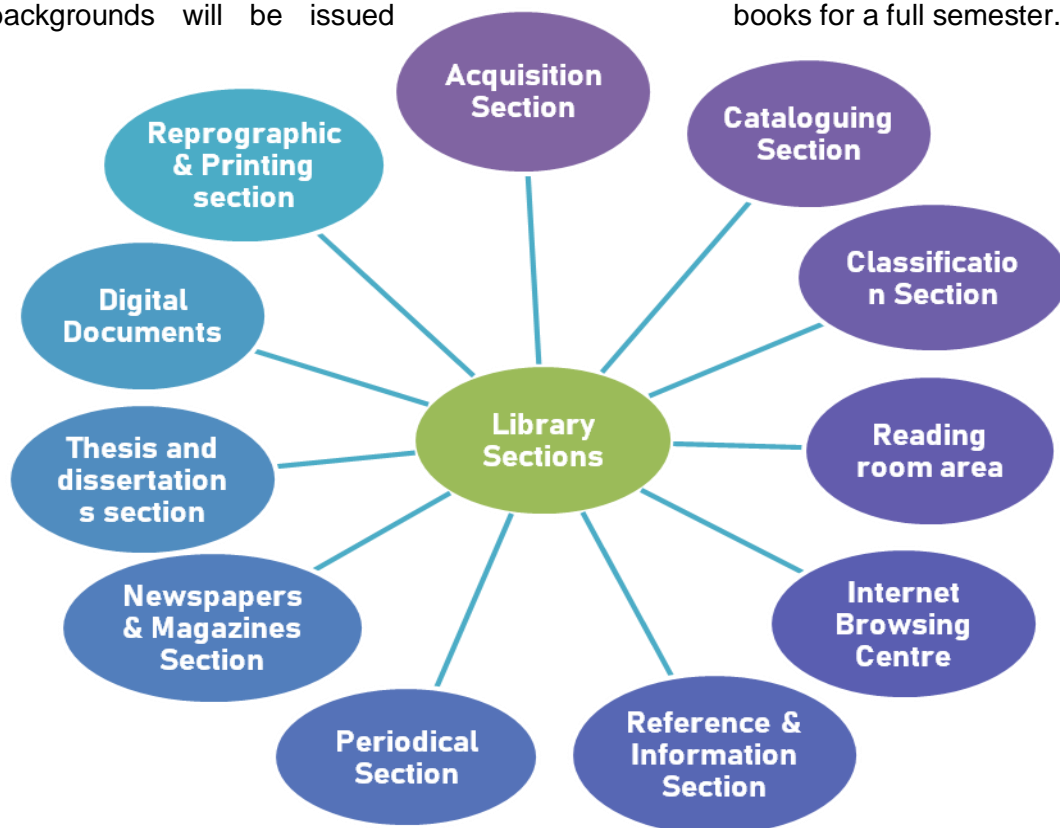
The library system of the university functions in the decentralized form with the sole aim to extend library facilities to the students, scholars and faculty members in those departments where such facility can be created. So far the departmental libraries have been established in the, School of Engineering 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).

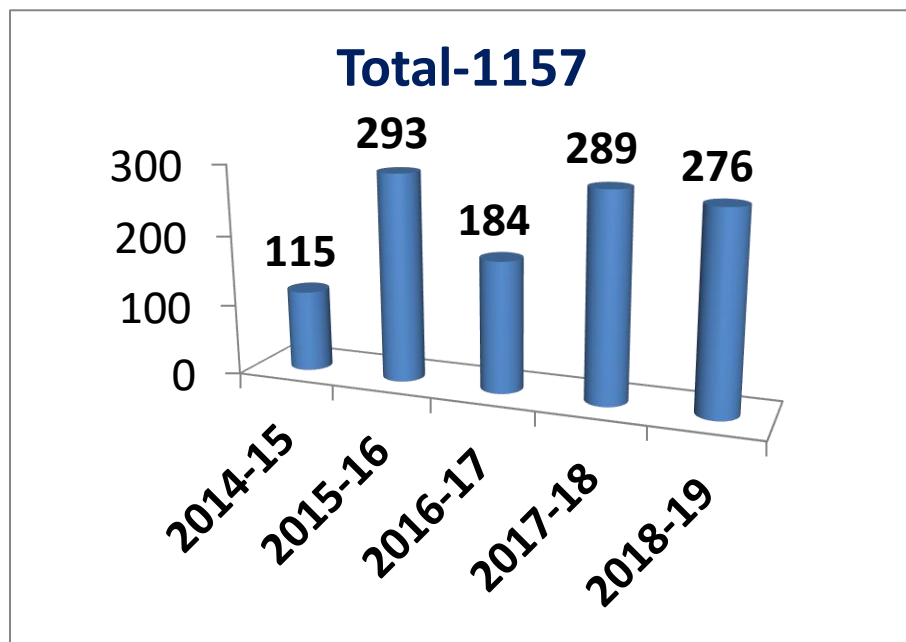
It is pertinent to mention that a new three storey state of the art Central Library block is coming up within the campus. The new edifice is spacious and will be equipped with all modern facilities to create ambiance for reading. The new library block will be laced with all modern amenities so as to 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.

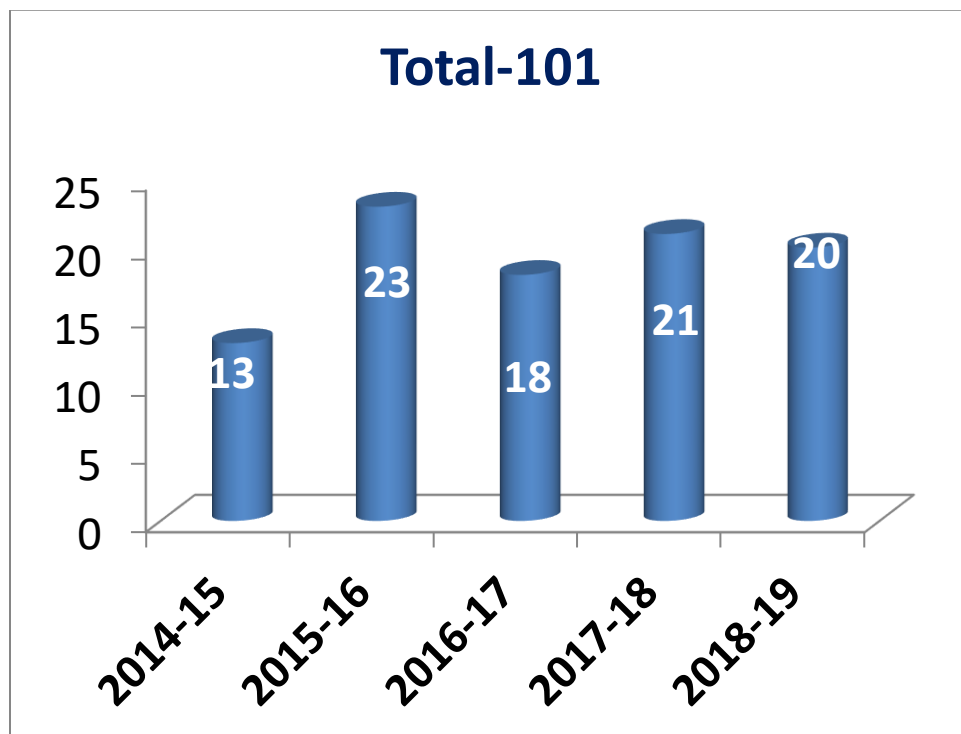


The Central Library as on date stands registered as an institutional member of DELNET-a network of 6244 member libraries all across the globe. DELNET provides access to readers of member libraries to nearly 30 million documents available in these member libraries in Common Communication Format (CCF). 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.

### Project Reports added



## Thesis added



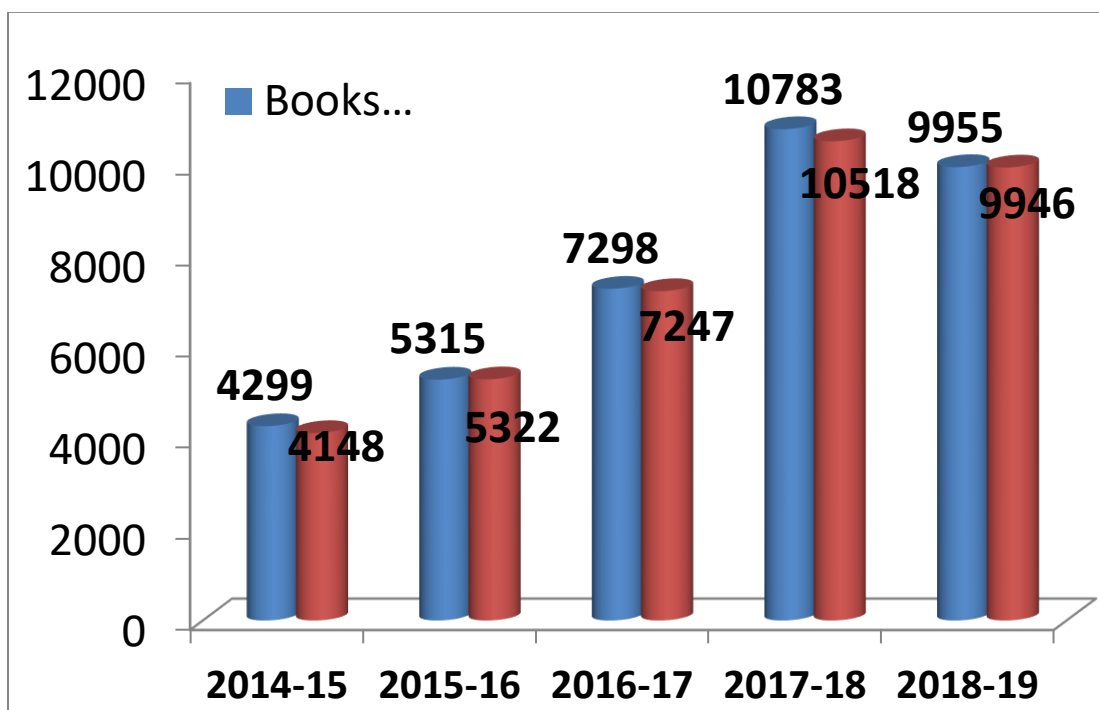
The Central Library BGSB University has become the institutional member of the National Digital Library of India, whereby, our students, scholars, faculty and other staff members can access over 17 million documents ranging from primary to post-graduate level in more than 70 languages. The NDL is an 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.

### Library Circulation



Organizing book exhibitions on the campus is a regular activity of the Central Library. Of late, the 7<sup>th</sup> 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
<b>Ramesh Kumar Pandit</b>	M.A, MBA, MLISc, M.Phill, Ph.D (Pur)	Sr. Assistant Librarian
<b>Tazeem Ahmed Tantray</b>	B.Sc, M.Lib.Sc	Sr. Library Assistant
<b>Zakir Hussain Malik</b>	B.Sc, M.Lib.Sc	Sr. Library Assistant
<b>Ramesh Kumar Dhar</b>	B.Sc, B.ed, B.Lib, M.Lib.Sc (Pur)	Library Assistant
<b>Rabia Choudhary</b>	B.Ed, M.Sc, MLISc	Library Assistant
<b>Shagufta Naseem</b>	B.A, M.Lib.Sc	Library Assistant
<b>Shakeela Choudhary</b>	B.Sc, M.Lib.Sc	Library Assistant
<b>Mehmood Shah</b>	B.Sc, B.ed, M.A (Pur)	Library Attendant

## **Publication by Staff**

<b>S.No</b>	<b>Item</b>	<b>Number</b>
<b>01</b>	<b>Popular Articles</b>	<b>100</b>
<b>02</b>	<b>Research Articles</b>	<b>66</b>
<b>03</b>	<b>Conference Papers</b>	<b>10</b>
<b>04</b>	<b>Book Chapters</b>	<b>4</b>
<b>05</b>	<b>Seminar Presentations</b>	<b>2</b>
<b>06</b>	<b>Books</b>	<b>1</b>

## 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
<b>Total</b>	<b>3411</b>	<b>2406</b>	<b>106</b>	<b>5924</b>

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 ensure 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 updated 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.

## **ARBORICULTURE & LAND SCAPING**

The development of gardens is going on in the campus. 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 .



## UNIVERSITY WORKS

### WORKS EXECUTED DEPARTMENTALLY

<i>S.No</i>	<i>Name of work</i>	<i>Status</i>	
1.	Academic Block for Tourism & Hospitality( G+1)	Completed	
2.	Women's Hostel ( G+2)	Completed	
3.	Academic Block for Mathematics ( G+2)	Going on	
4.	Academic Block for Urdu & Islamic Studies ( G+1)	Completed	
5.	Construction of Retaining wall on back side of Urdu & Islamic Studies building.	Completed	
6.	Construction of Retaining wall in front of P.G Hostel Block-A (Maulana Azad Hostel).	Completed	

### WORKS AWARDED TO J&KPCC LTD.

<i>S.No</i>	<i>Name of work</i>	<i>Status</i>	
1	Central Library A)( Ground Floor only) B) Additional First & 2 <sup>nd</sup> Floors of Central Library.	90% work completed	

2	Boys Hostel (Scholar House) (G+1)	90% completed	
3	SC/ST Hostel (under AICTE Funding).	90% Completed	
4.	Academic Block for Botany & Zoology. (G+2)	Completed	
5	Construction of Guest House. ( Ground +1)	Going on	

### INFRASTRUCTURE CREATED

<i>S.No</i>	<i>Name of work</i>
1	Creation of Faculty Cabins in R&D Block of Engineering College and 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)
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.)
4	Additional accommodation to Registrar's Quarter. (Prefab. Building)
5	Construction of Kitchen Near Peer Paul Canteen.
6	Construction of Compound wall & Security Post near Women's Hostel
7	Up-gradation of electric substation at stage zero
8	Remodeling of Peer paul Canteen
9	Creation of residential accommodation for 2 <sup>nd</sup> session of Nursing students at Nursing College Jammu.

## LIST OF MINOR WORKS COMPLETED

S.No	Name of work
1	Academic Block for Polytechnic .(G+2)
2	Administrative Block for Polytechnic. (G+1)
3	Face lifting of Dining/Mess Block –C ,P.G. Hostel block- B from outside and inner side.
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.
5	Repair to Aluminium Door/Windows in ERE and R&D department and Engineering College Building No.03.
6	Repair/Painting work to School of Management Studies building.
7	Face Lifting to P.G Hostel block –C by way of Painting & white washing.( Outside only)
8	Face Lifting to P.G Hostel block –A- by way of Painting & white washing. ( Inside and outside)
9	Painting work/Repairing work of Sab Rang square, Health Centre, Polytechnic and V.C's office on eve of Governor's Visit.
10	Repairing of Tile flooring in R&D Block of Engineering College building.
11	Painting and distempering work in Conference hall at Biodiversity.

## 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.



# **Baba Ghulam Shah Badshah University**

## **Rajouri - Jammu & Kashmir**