Annual Report

2013-2014

Baba Ghulam Shah Badshah University, Rajouri- J&K

Our Vision

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

Our Mission

"Work towards preparing men and women who are intellectual adventurers and not camp followers; who are architects of the future and not curators of the past"

Introduction

Baba Ghulam Shah Badshah University was established by the Government of Jammu & Kashmir through Act No XVI of 2002 of J&K Legislative Assembly. The university became functional in 2005. Mandated to impart quality education and undertake research in basic and job oriented fields. BGSBU's endeavour is to create effective linkages between access to and success in higher education.

The University, nurtured by the J&K Wakf Council, is located at the slopes of Dhanidhar which is peripheral part of the majestic Pir Panjal mountain range. The unique geographical location, far from madding crowds of cities, offers ideal ambience for teaching and learning. The University campus is located 9 Kms away from Rajouri town (latitude 33° 23' N. longitude 74° 21' E.) at an altitude of 975.36 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 special features of the University are:

- Serene, eco-friendly, pollution-free ambience, ideal for pursuing knowledge.
- Round the clock DELNET facility for use by faculty and students.
- Emphasis on live projects to provide hands-on-training to meet the demand of industry.
- Training in communication skills and personality development.
- Full fledged Placement Cell to facilitate high profile placement for passouts.
- Regular study tours to industries and national institutes within and outside the state.
- Excellent multifaceted, dedicated faculty.
- Guest lectures by eminent scholars from across the country.
- Regular seminars, work shops and tutorials.
- Residential character with on-campus housing facility for staff and students.
- Provision of handsome scholarships for nearly 60% students enrolled per session.
- Strict adherence to Academic calendar.
- Non -formal training programmes for school children, rural women and unemployed youth

CONTENTS

P. No

4

University at a Glance

Schools of Studies	04
PG Departments	06
PG courses	08
Students enrolment in PG courses - 2013	143
Undergraduate courses	04
Students enrolment in undergraduate courses - 2013	50
Engineering College	01
Departments in CoET	05
Engineering programmes	05
Students enrolment in the College -2013	273
University Polytechnic	01
Diploma courses	04
Students enrolment in Polytechnic - 2013	88
Ph. D scholars	21
M.Phil scholars	12
Students placement in 2013-14	57
Training & workshops for Placement	13
Scholarship recipients in 2013	200
Hostels	08
Boys Hostels	06
Girls Hostels	02
Number of boarders	900
Guest Houses	02
University Health Centre	01
Patients attended by the Health Centre - 2013	6737
Residential Quarters	58
Sports & Cultural events 2013-14	08
Books added to Library	1321
Total Collection of Books	29,560
Periodicals subscribed	82
Newspapers subscribed	20

Milestones

2002

- Baba Ghulam Shah Badshah University Act passed by J&K Legislative Assembly and notified as Act no XVI of 2002 in Government Gazette.

2004

- Sh. Masud A. Choudhary appointed first Vice Chancellor.
- Land acquired at Dhanore, Rajouri.
- Announcement to commence academic activity w.e.f. academic session 2005 made by Hon'ble Chief Minister / Hon'ble Chancellor in December.

2005

- UGC accords recognition to the University under section 2(f) of the UGC Act.
- Four postgraduate programmes initiated:
  - MBA
  - MCA
  - M.Sc. Applied Mathematics
  - M.A. Arabic
- AICTE accords approval to MCA and MBA programmes of the University.
- First academic session commenced on 29th August.
- Centre for Biodiversity Studies established.

2006

- First meeting of the Academic Council held on 1st May.
- Construction of residential accommodation initiated.
- Two more Postgraduate programmes introduced:
  - M.Sc. Information Technology
  - MBA Financial Management

2007

- College of Engineering & Technology (CoET) established in record period of 88 days with 3 academic programmes:
  - B.Tech. Computer Science & Engineering
  - B.Tech. Electronics & Communication Engineering
  - B.Tech. Information Technology Engineering.
- National Seminar on "Himalayan Biodiversity: Trends & Issues" held from October 27-29.
- Process initiated for inking MOU for collaborative research with:
  - IIIM Jammu
  - Botanical Survey of India, Kolkotta.
  - Zoological Survey of India, Kolkotta.
  - Bombay Natural History Society, Mumbai.
- National Seminar on "India's Export: Growth prospects under changing world trade scenario" sponsored by All India Council for Technical Education (AICTE) held in the Department of Management Studies.

2008

- Ministries of Science & Technology and Environment & Forests. Government of India sanctioned grant of Rs. 2.80 crores for Research and Extension programmes to the Centre for Biodiversity Studies.
- Centre for Biodiversity Studies initiated development of Pir Panjal Biodiversity Park.
- Conservation work on Pir Panjal Biodiversity initiated.
- AICTE sponsored National Seminar on "Current Trends in Mobile Computing" organized on November 28 & 29.
- National Meet on Biodiversity chaired by His Excellency, The Governor of J&K State, held on October 18.
- Advisory Board for Centre for Biodiversity constituted with His Excellency. The Governor of J&K, Sh. N.N. Vohra, as Chairman on October 18.
- B.Tech. programme in Civil Engineering introduced in the College of Engineering & Technology.

2009

- B.Tech. in Electrical & Renewable Energy Engineering introduced in the College of Engineering & Technology.
- Diploma Engineering programme in the following streams initiated:
  - Electronics & Communication Engineering
  - Electrical Engineering
  - Civil Engineering
  - Mechanical Engineering
- Undergraduate programmes introduced in:
  - B.A.Arabic (Hons.)
  - Bachelor of Business Administration (BBA)
  - Bachelor of Computer Applications (BCA)
- Post graduate programme in Bioresources & Biotechnology started. Inaugural lecture by Shri. Jairam Ramesh, Minister for Environment & Ecology.

2010

- Prof. I. A. Hamal joined as the 2nd Vice Chancellor on October 16.
- A third sub-office of the University established at Kishtwar.
- Hon'ble Chancellor announced provision of Government funding to the University on December 15.

2011

- High level visiting Committee of the University Grants Commission (UGC) visited the University to assess its achievements and status for consideration for recognition under section 12 B of the UGC Act.

- UGC accorded recognition to the University under Section 12(B) of the UGC Act in July, which has made the University eligible for receiving Central and Plan funding of the University Grants Commission.
- Memorandum of Understanding (MoU) inked with the J&K State Government for establishment of Centrally sponsored Polytechnic in collaboration with the University.
- Department of Biotechnology, Government of India recognized Master's degree progreamme in Bioresources' Biotechnology and sanctioned a grant of Rs. 1.0 crore.
- The first B.Tech. batch passed out and found good placements.
- Seminar on Life and works on Maulana Abul Kalam Azad, the first Education Minister of Union of India organized in the department of Arabic.
- Memorandum of Understanding (MoU) inked with the University of Jammu.
- Process of Quality Assurance initiated and Internal Quality Assurance Cell constituted.
- Affirmative action continued to address issues of deprived segments of the society and to reaffirm the action, Equal Opportunity Cell established.
- Women's Cell established to monitor and facilitate issues concerning women students and women employees.
- Vigilance Cell established to augment transparency in University functioning.
- Department of Arboriculture and Landscaping established.
- 1stReview meeting of the University held on November 17, under the Chairmanship of the Hon'ble Chancellor / Hon'ble Chief Minister.
- State Government approved Plan funding of Rs. 9.25 Crore for following projects of the University.
  - Construction of:
    - Girls Hostel
    - Boys Hostel
    - Civil Engineering Workshop
    - Laboratory Block for Electronics & Communication Engineering
  - Purchase of Scientific equipment.

- On the request of the University, the State Government agreed to:
  - takeover water-supply scheme for providing potable water to residents of the University Campus,
  - provide medicines to Health Centre of the University on the lines of Govt. Health Centers,
  - take over operationalization and maintenance of the Receiving station/ power installations in the University.
  - widen the road link between Rajouri town and the University Campus and
  - upgrade internal road network of the University.
- Academic Block and workshop of Centrally sponsored Polytechnic made partially operational.
- Addition of third floor to the Boy's Hostel for B.Tech. students.
- Special computer hardware short term training programmes, organized for the benefit of students/ employees, in the Department of Computer Sciences.
- Computer maintenance Cell established for in-house repair and maintenance.

- Placement cell rejuvenated and activities organized for skill development and placement of students.
- Students participated vigorously in State and National level cultural events organized by different universities and brought laurels to the university.
- Students participated in inter university sports meets at National level for the first time.
- Nature Conservation Awareness programme for benefit of students of Leh and Kargil districts held in Leh during November under DBT sponsored DNA clubs project.
- Working hours extended from 9:00 am to 5:00 pm with one hour lunch-break to increase work efficiency.

2012

- UGC for the first time, sanctioned and released Plan funding of Rs. 7.64 Crore to the University for infrastructure development, and for the merger schemes listed below:
  - Construction of
        Women's Hostel
        Health Centre
        Academic Block for Arts & Social Sciences
        Student Amenities Centre
  - Travel Grant for attending seminars / conferences, etc.
  - Conducting Conferences, Seminars, Workshops, Symposia and Short-term training programmes.
  - Publication of research findings of Teachers and Scholars.
  - Appointment of Visiting Professors and Fellows.
  - Establishing Day Care Centre.
  - Development of sports infrastructure and purchase of sports equipment.
  - Establishing Instrumentation Maintenance Facility.
  - Organizing Faculty Improvement Programmes.
  - Establishing Equal Opportunity Cell.
  - Organizing coaching for Schedule Castes/Schedule Tribes/ OBC/Minorities.
  - Raising Career and Placement Cell.
  - Developing Facilities for differently abled persons.
  - Purchase of Equipment.
  - Procurement of Books & Journals.
  - Creating Internal Quality Assurance Cell.
- B.Sc Information Technology programme introduced in the Department of Information Technology.
- Ministry of Tourism, Govt. of India sanctioned Rs. 2.0 Crore for augmenting facilities to introduce Diploma courses on Tourism & Travel.
- Admission to various academic programmes generates overwhelming response from aspirants from all parts of the State and all segments of the society.
- All Degree colleges located in Rajouri & Poonch districts involved in the admission process.

- Increase in student enrolment by 20% for the first time.
- University continued 25% representation in admissions to permanent residents of Rajouri-Poonch districts as per practice in vogue since inception besides other reservations as per norms.
- Special Insurance cover extended to all students.
- First batch of following programmes passed out:
  - Diploma Engineering
  - BBA
  - BCA
  - B.Tech Civil Engineering
- Placement brochures of passouts from different departments published and circulated among prospective employers.
- Special drive for Placement of students organized.
- University comes under the umbrella of UDDAN and HIMAYAT programmes launched by Government of India for provision of employment to passouts of J&K Universities.
- University identified as Nodal centre for placement of passouts of the Degree Colleges of Rajouri and Poonch under UDAAN programme.
- Academic Calendar of the University brought at par with those of sister Universities.
- Special drive launched to ensure timely declaration of results of all examinations.
- University statutes updated and brought in line with those of the sister Universities.
- Revised regulations of UGC with regard to Ph.D. and M.Phil. programmes adopted and reflected in concerned statutes.
- Board of Research Studies constituted with representation of all Professors of postgraduate departments of the University and experts from other reputed institutions.
- Department of Biotechnology, Government of India sanctioned project entitled " Preventing extinction and improving conservation status of threatened plants through application of biotechnological tools" with grant of Rs 48 lakhs for a period of five years.
- Ministry of Environment & Forests, Government of India sanctioned research project on "Studies on Ecology and diversity of Nematodes of Pir Panjal range in Jammu & Kashmir with grant of Rs 32 lakhs for a period of three years
- Process initiated for on-line admissions to various teaching programmes.
- Guest Lectures by visiting faculty organized in different Departments.
- State level Students Conference on Mathematics organized.
- One day National Workshop held on "Recent Trends in Mathematics and their Applications".
- Guest Lectures in Arabic Language and Literature by an eminent Arabian scholar.
- Books and Journals worth Rs. 50 lakhs added to the Central Library.
- Computer Laboratories upgraded in all Departments.
- New Laboratories established in different science Departments with state of the art equipment.

- Chair-Professor selected through National level selection for the Mahatma Gandhi Chair for Ecology and Environment funded by Ministry of Environment & Forests, Government of India.
- Hostel facilities augmented.
- The already state-of the –art Mess Services upgraded further.
- First ever technical festival of students of engineering, "Geeks fest", held with participation from the entire student fraternity.
- Through NMEICT project, 1 Gbps Internet access has been established through National Knowledge Network (NKK).
- Memorandum of Understanding (MoU) inked with BSNL for establishing optic fibre backbone connectivity in the Campus under the MHRD sponsored project.
- Construction of following buildings has progressed almost half-way:
    o Academic Block for Arts & Social Sciences
    o Health Centre
    o Women's Hostel
    o Student Amenities Centre
    o Boys Hostel
    o Laboratory block for Electronics & Communication Engineering
    o Workshop block of Civil Engineering

- Power receiving station for BGSBU commissioned to supply uninterrupted power to the campus.
- Special water reservoir constructed on the campus to augment potable water storage.
- University achieved Financial Stability for the first time.
- University created corpus fund with seed money of Rs 2.0 crore.
- Human Resource (HR) policy modernized resulting in HR stability in the University.
- Long-pending installments of Dearness Allowance in favor of teaching and non-teaching employees released.
- Border compensatory allowance restored to employees.
- Medical allowance restored to employees.
- Pending monetary claims of teachers and non-teaching employees released.
- All regular employees of the University provided Insurance cover under the Janta Insurance Scheme of the State Government.
- All cases of Pay anomalies of Teachers and non-teaching employees addressed satisfactorily.
- Career Advancement Scheme (CAS) for Teachers, as per norms of the University Grants Commission (UGC),adopted for implementation.
- Process initiated to get University employees registered under the Health Insurance Coverage schemes.
- The State Government agreed to provide special grant of Rs 5.0 crore towards the Pension Fund of the University employees under the old pension scheme.
- General Provident Fund of the university employees strengthened.
- New Pension scheme adopted for the welfare of employees appointed on or after 01/01/2010.

11

- Residential facility for Teachers and non-Teaching staff augmented.
- The State Government conveyed acceptance to contribute towards Employees' Pension Scheme.
- Employees' Welfare Fund created with special contribution from the University for the Welfare of employees.
- Service of non-teaching employees appointed since 2005 confirmed after following necessary procedures.
- Service of Teachers appointed since 2005 confirmed after following necessary procedures.
- University teachers encouraged to attend Refresher/Orientation courses/Seminars/Conferences/ Workshops with financial assistance from the university.
- Mechanism developed to provide opportunity to employees desirous of seeking appointment in other organizations.
- Exit policy for employees framed.
- Contractual lower level management employees (General Duty helpers, Drivers, Safai Karamcharis. who had completed seven years contractual engagement with the University regularized following necessary procedures.
- The State Government has agreed to provide Pay-Commission arrears to employees of the University on the pattern in vogue in sister Universities of the State.
- Process initiated, for the first time, to outsource Campus sanitation. Cleanliness and Security services.
- Special drive initiated for campus beautification.
- University Gardens and plantations augmented.
- A special vehicle provided to Arboriculture and Engineering wings to strengthen maintenance and development works.
- Multi-dimensional Campus Development projects initiated.
- PIO and the First Appellate Authority under the provisions of RTI Act upgraded.
- Seminar on RTI awareness held with Chief Information Commissioner, J&K State as the Chief Guest.
- Following proposal for funding under the XIIth Five Year Plan submitted to UGC.

Component	Funds required during 12th Plan (In crores)	
	Scenario I	Scenario II
General Development Grant (Buildings, Library, Equipment, Campus Development etc. excluding Staff	Rs. 34.47	Rs. 49.25
Teaching Faculty Positions (60/97)	Rs. 16.00	Rs. 22.50
Merged Scheme (Travel Grant. Conference Grant. Career Counselling Centre. Day Care Centre (Crèche). facilities for Women etc.)	Rs. 10.17	Rs. 12.70
Total	Rs. 60.64	Rs.83.45

- Proposal for special package for BGSBU has been prepared and submitted to the Government of India through Hon'ble Chief Minister. J&K.

S.	Component	(Rs. In crores)
1	General Development Grant (Buildings, Laboratories, Library, Equipment etc)	60.30
2	ICT/ Skill Development Centre	4.50
3	Student facilities including playground etc...	4.00
4	Biodiversity park and Natural History Museum	4.50
5	Campus Development	9.75
6	Auditorium	12.00
	Total	95.00

- First Convocation held : 39 Gold Medals. 342 Diplomas awarded
- Inauguration of 33/11 KVA 6.3 MVA sub-station at the BGSB University Campus.
- Chief Information Commissioner GR Sofi delivered talk on Right to Information Act- 2009

2013

- Arabic Department holds one day workshop on Linguistics //
- National Seminar on "Applications of Mathematics to Science & Technology" held in the Department of Applied Mathematics.
- Department of Management Studies organized an interactive Seminar "Personality Development & Women Empowerment" on the eve to observe International Women's Day.
- Department of Management Studies organized Business Quiz
- University held Budget discussion on the J&K State Budget 2013-14 in the School of Management Studies
- Debate held on the topic "In the opinion of the house, discrimination against Women will be detrimental for a vibrant society"
- Department of Arboriculture achieved the target of planting of 20,000 saplings in 12 months.
- The University Polytechnic organized two days "Techno Olympiad"
- 9 MBA passouts placed as Channel Managers in FORUN Express
- Technical Seminar cum Career counseling held in which representatives of 20 National & Multinational corporate houses gave presentations on their company profiles.
- University organized one day Sports & Cultural Fest.
- Post Graduate Department of Information Technology organized Quiz Competition and Symposium on "Impact of Internet on Our Daily Life", to celebrate the 30th birth anniversary of Internet.
- College of Engineering & Technology in collaboration with the Institute of Technophilia . certified by Robotics and Computer Applications Institute of USA. organised 2 days workshop in.

13

- College of Engineering & Technology in collaboration with HBEON LABS India Pvt. Ltd. New Delhi organized 5 days long workshop on Radio Frequency Identification (RFID) and Microcontroller based Pervasive Computing in which a total of 120 scholars participated.
- All India Council for Technical Education (AICTE) extended approval for running five B-Tech courses in the College of Engineering & Technology
- The India Postal Department established Modern Post office at Baba Ghulam Shah Badshah University campus.
- Centre for Biodiversity Studies (CBS) celebrated International Day for Biological Diversity
- Department of Management Studies in collaboration with Central University of Jammu hosted 10 days short term course on Research Methodology sponsored by Indian Council for Social Sciences Research.
- Day Care Centre for wards of employees equipped with all facilities inaugurated.
- Seven new blocks involving a total cost of over 13 crores nearing completion, waiting only for the finishing touch.

Academic Activities 2005 -2014

Overall Summary

2005 - 2014

Total Publications by faculty members	351
Total Seminars/ Conference / Workshops / Symposia attended by faculty members	203
Total Orientation / Refresher / other academic programmes/ trainings attended by faculty members	77
Total Seminars/ Conference / Workshops/ Symposia etc organised by Department	57
Total Projects initiated	19
Total amount of projects	Rs. 8.28 Crore

Detail : Department / Year wise

Department : Management Studies

Publications by faculty members

2005	2006	2007	2008	2009	2010	2011	2012	2013	2014 Till March 31	To
03	01	Nil	01	02	14	15	14	17	03	70

Seminars/ Conference / Workshops / Symposia attended by faculty members

2005	2006	2007	2008	2009	2010	2011	2012	2013	2014 Till March 31	Tot
Nil	Nil	Nil	02	02	05	13	09	13	Nil	43

Orientation / Refresher / other academic programmes/ trainings attended by faculty members

2005	2006	2007	2008	2009	2010	2011	2012	2013	2014 Till March 31	Tot
Nil	Nil	Nil	Nil	03	02	Nil	07	15	01	28

Seminars/ Conference / Workshops/ Symposia etc organised by Department

2005	2006	2007	2008	2009	2010	2011	2012	2013	2014 Till March 31	Tot
Nil	Nil	01	Nil	Nil	01	01	02	06	04	15

Department : Arabic

Publications by faculty members

2005	2006	2007	2008	2009	2010	2011	2012	2013	2014 Till March 31	Total
11	04	05	07	06	03	13	05	10	03	67
								١٣	6	

Seminars/ Conference / Workshops / Symposia attended by faculty members

2005	2006	2007	2008	2009	2010	2011	2012	2013	2014 Till March 31	Total
02	05	01	01	02	02	05	06	03	01	28
								3	01	

Orientation / Refresher / other academic programmes/ trainings attended by faculty members

2005	2006	2007	2008	2009	2010	2011	2012	2013	2014 Till March 31	Total
Nil	Nil	01	01	01	01	Nil	02	03	Nil	09

Seminars/ Conference / Workshops/ Symposia etc organised by Department

2005	2006	2007	2008	2009	2010	2011	2012	2013	2014 Till March 31	Total
Nil	Nil	Nil	Nil	01	03	01	03	02	Nil	10
								01	01	17

Department : Biosciences & Biotechnology

Publications by faculty members

2005	2006	2007	2008	2009	2010	2011	2012	2013	2014 Till March 31	Tota
15	14	13	09	10	04	22	07	06	01	91

Seminars/ Conference / Workshops / Symposia attended by faculty members

2005	2006	2007	2008	2009	2010	2011	2012	2013	2014 Till March 31	Tot
Nil	Nil	Nil	Nil	Nil	Nil	07	09	08	06	30

Orientation / Refresher / other academic programmes/ trainings attended by faculty members

2005	2006	2007	2008	2009	2010	2011	2012	2013	2014 Till March 31	Tot
Nil	Nil	Nil	Nil	Nil	Nil	04	01	02	Nil	07

Seminars/ Conference / Workshops/ Symposia etc organised by Department

2005	2006	2007	2008	2009	2010	2011	2012	2013	2014 Till March 31	To
Nil	Nil	01	01	01	03	01	06	03	01	17

18

Department : Computer Sciences

Publications by faculty members

2005	2006	2007	2008	2009	2010	2011	2012	2013	2014 Till March 31	Total
02	06	05	07	06	04	16	05	05	Nil	56

Seminars/ Conference / Workshops / Symposia attended by faculty members

2005	2006	2007	2008	2009	2010	2011	2012	2013	2014 Till March 31	Tota
04	04	02	08	11	05	04	05	02	Nil	46

Orientation / Refresher / other academic programmes/ trainings attended by faculty members

2005	2006	2007	2008	2009	2010	2011	2012	2013	2014 Till March 31	Tot
01	Nil	Nil	04	07	Nil	Nil	02	04	02	20

Seminars/ Conference / Workshops/ Symposia etc organised by Department

2005	2006	2007	2008	2009	2010	2011	2012	2013	2014 Till March 31	Tc
Nil	Nil	01	01	02	Nil	Nil	Nil	Nil	Nil	0₄

19

Department : Computer Sciences

Publications by faculty members

2005	2006	2007	2008	2009	2010	2011	2012	2013	2014 Till March 31	Total
02	06	05	07	06	04	16	05	05	Nil	56

Seminars/ Conference / Workshops / Symposia attended by faculty members

2005	2006	2007	2008	2009	2010	2011	2012	2013	2014 Till March 31	Tota
04	04	02	08	11	05	04	05	02	Nil	46

Orientation / Refresher / other academic programmes/ trainings attended by faculty members

2005	2006	2007	2008	2009	2010	2011	2012	2013	2014 Till March 31	Tot
01	Nil	Nil	04	07	Nil	Nil	02	04	02	20

Seminars/ Conference / Workshops/ Symposia etc organised by Department

2005	2006	2007	2008	2009	2010	2011	2012	2013	2014 Till March 31	Tc
Nil	Nil	01	01	02	Nil	Nil	Nil	Nil	Nil	04

19

Department : Information Technology

Publications by faculty members

2005	2006	2007	2008	2009	2010	2011	2012	2013	2014 Till March 31	Total
NA	01	Nil	01	Nil	01	01	04	01	02	11

Seminars/ Conference / Workshops / Symposia attended by faculty members

2005	2006	2007	2008	2009	2010	2011	2012	2013	2014 Till March 31	Tota
NA	Nil	Nil	04	04	01	Nil	04	01	02	16

NA = Not applicable

Orientation / Refresher / other academic programmes/ trainings attended by faculty members

2005	2006	2007	2008	2009	2010	2011	2012	2013	2014 Till March 31	Tot
NA	Nil	01	03	01	Nil	Nil	Nil	Nil	Nil	05

Seminars/ Conference / Workshops/ Symposia etc organised by Department

2005	2006	2007	2008	2009	2010	2011	2012	2013	2014 Till March 31	Tc
NA	Nil	Nil	Nil	Nil	Nil	Nil	Nil	03	Nil	0:

Department : Applied Mathematics

Publications by faculty members

2005	2006	2007	2008	2009	2010	2011	2012	2013	2014 Till March 31	Total
Nil	Nil	Nil	03	06	03	Nil	04	02	Nil	18

Seminars/ Conference / Workshops / Symposia attended by faculty members

2005	2006	2007	2008	2009	2010	2011	2012	2013	2014 Till March 31	Tota
Nil	01	05	01	01	03	06	02	Nil	Nil	19

Orientation / Refresher / other academic programmes/ trainings attended by faculty members

2005	2006	2007	2008	2009	2010	2011	2012	2013	2014 Till March 31	Tot
Nil	Nil	Nil	Nil	01	Nil	Nil	01	Nil	01	03

Seminars/ Conference / Workshops/ Symposia etc organised by Department

2005	2006	2007	2008	2009	2010	2011	2012	2013	2014 Till March 31	T
Nil	Nil	Nil	Nil	Nil	Nil	01	01	01	Nil	0

College of Engineering & Technology

Publications by faculty members

2005	2006	2007	2008	2009	2010	2011	2012	2013	2014 Till March 31	Total
NA	NA	06	09	08	08°	09	03	Nil	Nil	38

NA = Not applicable

Seminars/ Conference / Workshops / Symposia attended by faculty members

2005	2006	2007	2008	2009	2010	2011	2012	2013	2014 Till March 31	Tota
NA	NA	Nil	03	Nil	Nil	Nil	10	02	06	21

Orientation / Refresher / other academic programmes/ trainings attended by faculty members

2005	2006	2007	2008	2009	2010	2011	2012	2013	2014 Till March 31	Tot
NA	NA	Nil	Nil	02	Nil	Nil	01	02	01	06

Seminars/ Conference / Workshops/ Symposia etc organised by Department

2005	2006	2007	2008	2009	2010	2011	2012	2013	2014 Till March 31	T
NA	NA	Nil	Nil	Nil	Nil	01	01	04	01	0

Projects Year-wise

Department: Biosciences & Biotechnology

Year	No of Projects sanctioned	Amount in Lacks
2005-06	01	13.65
2007	03	147.99
2008	03	119.18
2009	04	152.01
2010	03	35.85
2011	01	48.20
2012	01	33.00
2013	01	22.00
2014 Till March 31	Nil	---
TOTAL	17	571.88

Department: Computer Sciences

Year	No of Projects sanctioned	Amount in Lacks
2012	01	200.00
2013	01	56.00
TOTAL	17	256.00

Grand Total Rs 8.28 Crore

UNIVERSITY BODIES & AUTHORITIES

Constitution of

Executive Council

1. Vice Chancellor of the University

2. Vice Chancellor,
   University of Jammu

3. Vice Chancellor ,
   University of Kashmir

4. Dr. G.N. Qazi,
   Vice-Chancellor,
   Jamia Hamdard University, New Delhi
   (Nominee of the Chancellor)

5. Dr A R Trag
   Vice Chancellor
   Islamic University of Science & Technology (IUST)
   (Nominee of the Chancellor)

6. Sh Talib Hussain Choudhary
   Ex-MP
   Rajouri
   (Nominee of the Chancellor)

7. Prof. A. K Koul,
   Dean,
   School of Biosciences & Biotechnology

8. Prof. Mohammad Asger,
   Principal,
   College of Engineering & Technology.

9. Dean of Students

10. Registrar - Secretary
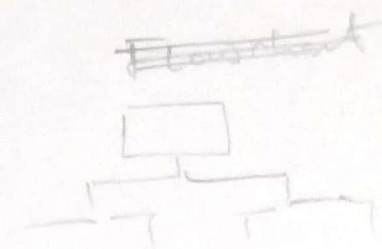
Academic Council

1. Vice Chancellor of the University

2. Prof. A. R Trag,
   Vice Chancellor, IUST, Awantipora

3. Prof. A.K. Koul,
   Dean,
   School of Biosciences & Biotechnology

4. Prof. Mohammed Asgar,
   Dean,
   School of Mathematical Sciences

5. Prof. B. A Wafai
   Librarian

6. Mr. M. R. Chowdhary
   Dean of Students / Chief Proctor

7. Prof. Varun Sahani
   Former VC, JU

8. Dr. Mohi-ud-Din
   Pro-Vice Chancellor,
   Delhi Technological University

9. Dr. Rajat Gupta
   Director, NIT Srinagar

10. Prof. A. M .Shah
    Dean Academic Affairs
    University of Kashmir

11. Prof. Devanand
    Dean, Faculty of Mathematical Sciences
    University of Jammu

12. Prof. Javaid Akhter
    Dean, Faculty of Management Studies & Research
    Aligarh Muslim University

13. Prof. C. R. Babu
    School of Environmental Studies
    University of Delhi

14. Prof. Ashok Aima,
    Department of Management Studies
    Central University of Jammu.

15. Prof. S. Kafeel Ahmed Qasmi,
    Department of Arabic,
    Aligarh Muslim University, Aligarh.

16. Prof. Neelu Rohmetra,
    Dean, Student Placement
    University of Jammu

17. Prof M. K. Dhar
    Department of Biotechnology
    University of Jammu

18. Prof. M. Amin Sofi
    Department of Mathematics
    University of Kashmir

19. Prof. S. D. Sharma
    Department of Mathematics
    Central University of Jammu

20. Prof. Zafar Reshi
    Department of Botany
    University of Kashmir

BOARD OF RESEARCH STUDIES

1. Vice Chancellor, BGSBU

2. Prof. A. K Koul
   Dean, Academic Affairs

3. Prof. Mohd Asger
   Dean, School of Mathematical Sciences & Engineering
   BGSBU, Rajouri

4. Prof. B. A. Wafai,
   Director, Centre for Biodiversity Studies,

5. Prof Neelu Rohmetra,
   Rector, Kathua Campus, University of Jammu

6. Dr. J. L. Karihaloo,
   APCoAB, IARI Campus, New Delhi

7. Prof. G. H. Dar,
   Mahatma Gandhi Chair, BGSBU, Rajouri

8. Dr. H. K Bajaj
   Agricultural University, Hissar.

9. Prof. Manzor Ahmed Khan
   Kashmir University.

10. Prof. S. D. Sharma
    Central University, Jammu

11. Sh. M. R. Chowdhary, Registrar

12. Dr. S. K. Gupta,
    Head Department of Management Studies

13. Dr. Shamas Kamal Anjum
    Head, Department of Arabic

14. Dr. Zaheer Abass
    Head Department of Applied Mathematics

27

BOARDS OF STUDIES

Biotechnology

1. Prof. A.K Koul - Convener
   Dean, School of Biosciences & Biotechnology

2. Prof. B. A. Wafai
   Director, Centre for Biodiversity Studies, BGSBU

3. Dr. Khalid Majid Fazili, University of Kashmir

4. Dr. Ali Asghar Shah,
   School of Biosciences & Biotechnology

5. Ms. Mamta Bhat,
   School of Biosciences & Biotechnology

Computer Sciences

1. Prof. M. Asgar- Convener
   Dean,
   School of Mathematical Sciences
   & Engineering

2. Prof. G. S. Sambyal
   Department of Computer Sciences
   University of Jammu.

3. Mr. Qamar Rayees Khan
   Department of Computer Sciences, BGSBU
   Rajouri .

4. Dr. Sanjay Jamwal,
   Department of Computer Sciences, BGSBU.
   Rajouri

Information Technology

1.   Prof. M. Asgar- Convenor
Dean, School of Mathematical Science & Engineering

2.   Dr. Muheet Ahmed Butt, University of Kashmir

3.   Mr. Tasleem Arif,
Assistant Professor, BGSBU, Rajouri

4.   Mr. Ed Gowhar,
Assistant Professor ,BGSBU, Rajouri

Management Studies

1   Dean, School of Management Studies
BGSB University, Rajouri

2.   Prof. S. K. Gupta,
Professor, BGSB University, Rajouri

3.   Prof. Israr Ul Haq
AMU, Aligarh

4.   Dr. Dil Pazir,
Assistant Professor, BGSB University, Rajouri

5   Ms Mamta Choudhary,
Assistant Professor, BGSB University, Rajouri

6.   Dr. Parvaiz Abdulla,
Assistant Professor, BGSB University, Rajouri

7.   Dr. Radha Gupta,
Assistant Professor, BGSB University, Rajouri

8.   Mr. Gaurav Sehgal,
Assistant Professor, BGSB University, Rajouri

9.   Dr Darakshan Anjum
Assistant Professor, BGSB University, Rajouri

10.   Dr Javid Iqbal,
Assistant Professor, BGSB University, Rajouri

Applied Mathematics

1. Prof. M. Asgar - Convener
   Dean, School of Mathematical Sciences & Engineering

2. Prof. A. P. Singh,
   Central University of Rajasthan

3. Dr. Zaheer Abbas
   Assistant Professor, BGSB University, Rajouri

4. Dr Javid Iqbal,
   Assistant Professor ,BGSB University, Rajouri

Arabic

1. Dr. Shams Kamal Anjum
   Head of Department - Convener

2. Prof. Manzoor Ahmed Khan
   University of Kashmir

3. Dr. Mohd. Affan
   Assistant Professor
   BGSB University, Rajouri

Civil Engineering

1. Prof. M. Asgar- Convener
    Dean, School of Mathematical Sciences
    & Engineering, BGSB University, Rajouri

2. Prof R. K. Dutta,
    NIT, Hamirpur, HP

3. Prof. Khalid Moin
    Jamai Milia Islamia, New Delhi

4. Mr. Waseem Ahmed Shanaz
    BGSB University, Rajouri

5. Mr. Mir Aijaz Ahmad.
    BGSB University, Rajouri

6. Mr. Parvaz Alam
    BGSB University, Rajouri

Electrical & Renewable Energy Engineering

1. Prof. M. Asgar- Convener
    Dean,
    School of Mathematical Sciences
    & Engineering, BGSB University, Rajouri

2. Prof Ajaz Ahmed Zargar,
    NIT, Srinagar

3. Prof. Majeed Jamil
    Jamai Milia Islamia, New Delhi

4. Mr. Tussadaq Hussain
    BGSB University, Rajouri

5. Mr. Shafqat Mughal
    BGSB University, Rajouri

6. Mr. Sanjay Sharma
    BGSB University, Rajouri

Electronics & Communications Engineering

1. Prof. M. Asgar- Convener
    Dean, School of Mathematical Sciences
    & Engineering, BGSB University, Rajouri

2. Prof G.M. Bhat
    University of Kashmir

3. Prof. Azharu Din
    AMU, Aligarh, UP

4. Mr. Mohammad Shukiel Dar
    BGSB University, Rajouri

5. Mr. Vishal Puri
    BGSB University, Rajouri

6. Mr. Mehmood ul Hasan
    BGSB University, Rajouri

Computer Sciences & Engineering

1. Prof. M. Asgar- Convener
    Dean, School of Mathematical Sciences
    & Engineering, BGSB University, Rajouri

2. Prof Qasim Rafiq,
    AMU, Aligarh

3. Mr. Waseem Jeelani Bakshi
    BGSB University, Rajouri

4. Mr. Khalil Ahmed
    BGSB University, Rajouri

5. Mr. Manzoor Ahmed Lone
    BGSB University, Rajouri

Electronics & Communications Engineering

1. Prof. M. Asgar- Convener
   Dean, School of Mathematical Sciences
   & Engineering

2. Prof G.M. Rather
   NIT, Srinagar

3. Mr. Malik Mubasher Hasan
   BGSB University, Rajouri

4. Mr. Nipun Bakshi
   BGSB University, Rajouri

5. Mr. Manmeet Singh
   BGSB University, Rajouri

UNIVERSITY OFFICERS / DEANS OF SCHOOLS & HEADS OF DEPARTMENTS

Prof. Irshad A. Hamal	Vice Chancellor
Prof. A. K. Koul	Dean, Academic Affairs
Mr. Mohammad Rashid Chowdhary	Registrar / Dean of Students
Prof. B. A Wafai	Librarian
Mr. Mohd Ishaq	Controller of Examinations
Mr. V. M. Sharma	Deputy Registrar, Finance
Sh. Suneet Gupta	Special Secretary to VC
Ms. Shabina Nazir	Assistant Registrar, Academic Affairs
Mr. Mohammad Qasim	Assistant Registrar, Establishment
Ms. Nabila Nazneen	Assistant Controller of Examinations
Mr. B.R. Chagdal	Executive Engineer
Mr. Ramesh Kumar Pandita	Assistant Librarian
Mr. Mohammad Din	Incharge Deputy Director, Physical Education & Sports
Dr. Bharat Bushan	Medical Officer
Mr. Sameer Raina	Placement Officer
Mr. Mir Hussain	Security Officer
Mr. Shakil Ahmad	Arboriculturist
Prof. G.H Dar	Chair Professor, Mahatma Gandhi Chair for Ecology & Environment

34

DEANS OF THE SCHOOLS

Biosciences & Biotechnology	Prof. A. K. Koul
Mathematical Sciences & Engineering	Prof. Mohammad Asgar

HEADS OF THE POST-GRADUATE DEPARTMENTS

Biotechnology	Prof. B. A. Wafai
Management Studies	Prof. SK Gupta
Arabic	Dr. Shams Kamal Anjum
Computer Science	Mr. Qamar Rayees
Applied Mathematics	Dr. Zaheer Abass
Information Technology	Mr. Tasleem Arif

HEADS OF UNDER-GRADUATE DEPARTMENTS

Principal	Prof. Mohammad Asgar
Electronics & Communications	Mr Vishal Puri
Electrical and Renewable Energy	Mr Tassadaq
Computer Sciences & Engineering	Mr. Khalil Ahmed
Information Technology	Mr. Malik Mubashir Hasan
Civil Engineering	Mr. Vaseem Ahmed Shanaz

ACADEMIC CALENDAR

S	Existing			Amended	
i)	Commencement of admission process	July, first week	i)	Commencement of admission process	June, 1st week
ii)	Finalization of admission	August, first week	ii)	Finalization of admission	July , 1st week
iii)	Commencement of odd semester classwork	August, second week	iii)	Commencement of odd semester classwork	July 16th
iv)	End of odd semester class work	December 14th	iv)	End of odd semester class work	November 14th
v)	Winter break/ preparatory holidays	December 15-31	v)	Preparatory holidays	November 15-24
vi)	Odd semester examinations	January first week	vi)	Odd semester examinations	November 25- Decemb 20
			vii)	Winter break	December 21- Janua 01
vii)	Commencement of even semester class work	January 3rd week	viii)	Commencement of even semester class work	January 02nd
viii)	End of even semester classwork	May 31st	ix)	End of even semester classwork	April 30th
ix)	Summer vacation/ Preparatory holidays	June 1 to July 30	x)	Preparatory holidays	May 1- 10th
x)	Even semester examinations	July, third week	xi)	Even semester examinations	May 11-June 4
			xii)	Summer vacation	June 5 to July 15th
xi)	Assessment test/ assignments	The Dean of School of Studies may fix these dates in consultation with the concerned Heads of the Departments	xiii)	Assessment Test/ assignments	The Dean of School Studies may fix the dates in consultati with the concerr Heads of Departments
			xiiii)	Festival vacations-I*	One week
			xiv)	Festival vacations-II*	One week

*Festival vacations shall be observed on the occasion of Eid-ul-Fitr and Eid-ul-Azha every year.

MEETINGS OF UNIVERSITY BODIES AND BOARDS

Executive Council   September 09, 2012

Board of Research Studies

                                                     Aug 22, 2014

Boards of Studies for PG & UG programmes

Arabic	January 21, 2013
Computer Sciences & IT	January 28, 2013
Mathematics	Feb. 13, 2013
Electrical & Renewable Energy Engg	Sept. 10, 2012
Electronics & Commn. Engg.	Sept. 11, 2012
IT Engineering .	Sept. 14, 2012
Civil Engineering	Sept. 15, 2012
Computer Science Engg.	Nov. 21, 2012

Schools of Studies

- ❖ School of Management Studies
  - ➢ Department of Management Studies
- ❖ School of Islamic Studies
  - ➢ Department of Arabic
- ❖ School of Biosciences & Biotechnology
  - ➢ Centre for Biodiversity Studies
- ❖ School of Mathematical Science & Engineering
  - ➢ Department of Applied Mathematics
  - ➢ Department of Computer Sciences
  - ➢ Department of Information Technology
- ❖ College of Engineering & Technology
  - ➢ Department of Civil Engineering
  - ➢ Department of Computer Sciences
  - ➢ Department of Information Technology
  - ➢ Department of Electronics and Communication
  - ➢ Department of Electrical & Renewable Energy
- ❖ University Polytechnic
  - ➢ Department of Civil Engineering
  - ➢ Department of Electronics and Communication
  - ➢ Department of Electrical & Renewable Energy
  - ➢ Department of Mechanical Engineering

Department of Management Studies

The School came into existence in the year 2005. It offers Master of Business Administration (MBA) programmes with specialization in functional areas, namely Marketing, Finance and Human Resource Management. The School also offers Bachelors in Business Administration (BBA), which commenced in the year 2009. The M.phil and Doctoral Degree programmes were launched in the year 2011.

Business today is driven by the forces of globalization, privatization, liberalization and technical innovation with intense competition. The School of Management Studies, provides learning environment that inspires students to excel in the face of these challenges. The School has consistently stayed ahead of student needs with many innovative programmes and has always been responsive to change and competition in the interest of fostering creativity and risk taking. The School is committed to staying on the cutting edge of cognitive learning and inculcate pragmatic methodology of teaching. We impart higher education basically to shape and sharpen young managers to achieve the set goals by inspiring the spirit of interest, commitment and enthusiasm in practical business management. The School is committed to provide quality management education & training relevant to industry and business organizations not only of the State but the country as whole. Dedicated faculty and well-equipped library, state-of-the-art infrastructural support provide conducive environment for students of the School to build up professional skills and shape their careers.

Student enrolment – 2013

	Semester Ist	Semester 3rd
MBA	35	24
BBA	09	13
Ph. D	05	NA

Course Curriculum

The curriculum is designed to prepare students for the emerging realities of the global market. It is focused on developing individual potential and applying high level of skills for achieving the qualities of: Goal setting, Decision-making, Problem identification and solving, Interpersonal relationship and communication. Revision of curriculum is undertaken periodically to meet the changing requirements of industry and trade and commerce and also to ensure that every student passing out of the School turns out to be an asset to the business world.

The course curriculum for MBA and MBA-FM programmes is drawn from UGC Model Curriculum and from real world business and economic events. Emphasis of these programmes is on strengthening analytical and critical skills of the students. The endeavor of the School is to produce business professionals who are capable of holding managerial positions in reputed national and multinational organizations. The course curriculum for MBA and MBA-FM programmes is spread over four semesters. The Summer Internship at the end of the Second Semester and Comprehensive Viva-voce at the end of each semester are important parts of the curriculum. The BBA programme comprises six semesters.

Faculty Profile

The School has 13 full time faculty members. Visiting Faculty having experience in teaching and research in management is invited from time to time. The core faculty members of the School include:

- Prof. S.K. Gupta — Professor & HOD
- Dr. Dil Pazir
- Mrs. Mamta Choudhary
- Dr. Parvez Abdulla
- Dr. Radha Gupta
- Dr. Gaurav Sehgal
- Dr. Darakshan Anjum
- Dr. Javed Iqbal
- Mr. Kafeel Ahmed
- Mr. Aasim Mir
- Mr. Jatinder Kumar
- Mr. Danish Iqbal
- Mr. Vinay Kumar

Research Publications by faculty members

- Gupta.S.K. (2013)" Financial Inclusion-Need of the hour" in Kissan World, pp 53-56

- Gupta.S.K. (2013)" Impact analysis of various developmental schemes in Jammu and Kashmir State" Int. Journal of Res. In Commerce and Management, pp 118-119

- Gupta.S.K. (2013)" Analysis of various poultry societies in various districts of Jammu and Kashmir" Int. Journal of Res. In Commerce and Management

- Gupta.S.K. (2013) June " Microfinance and Rural Women" IFTM University Journal of Management

- Gupta.S.K. (2014) " Financial Inclusion- A major task for Banks" Comdex Times

- Gupta.S.K. (2014) April "Role of Financial Institutions in Financing MSMEs-A Case Study of J&K State" Kissan World

- Pazir. D (2013) "Workforce diversity its prospects and challenges. A case study of District Rajouri", Essence. A Bi-Annual Referred Journal of Management and Research Vol. IV pp 11-20

- Pazir. D (2013) "Problems and prospects: Micro, small and medium Enterprises(MSMES) in Rajouri and Poonch Districts (J&K), Zenith International Journal of Business Economics and Management Research Vol. 3, Issue 10, Oct 2013 ISSN 2249-8826

- Pazir. D (2014) " Impact of Mughal Road on the Economic Development of District Rajouri and Poonch" International Journal of innovative research and Studies, Vol. III, issue 1, pp. 513-525

- Malik, S.A. and Abdulla, P. (2013), Eliminating Old Practices In Modern Days: An Overview of HR Practices In Tourism Industry in Pezzottaite-International Journal of Applied Services Marketing Perspectives, A Refereed Quarterly Journal," in July to Sept. 2013, Issue, Volume 2, Number 3, ISSN (P):2279-0977, ISSN(0):2279-0985,pp-(550-553).

- Malik, S.A. and Abdulla, P. (2013), Potential, Prospects and Challenges of Development of Tourism in Rajouri&Poonch in Acme Intellects International Journal of Research in Management. Vol. 2 (2), ISSN 2320 – 2939 (Print), ISSN(Online) 2320-2793, pp-(69-76).

- Malik, S.A. and Abdulla, P. (2013), Exploring Heritage of Neglected Region: A case of Rajouri and Poonch,, In International Refereed Journal, entitled in ABHINAV- International Monthly Refereed Journal of Research in Management & Technology, Vol(II),ISSN-2320-0073, pp-(168-176).

- Malik, S.A. and Abdulla, P. (2013) Tourism: Hallmark for Present and Question mark on Future, a chapter in book, Entitled Contemporary Tourism Planning: Introspecting Problem and Prospects, under sub theme, Tourism Finance &Economic Planning, Published by Excel India Publisher, New Delhi, ISBN:978-93-82880-57-8, pp. 196-205.

- Malik, S.A. and Abdulla, P. (2013) Cross border travel, tourism and confidence building measures in J&K, Chapter in a Edited Book Entitled "New Era of Sustainable Tourism In India", ISBN-978-93-82816-08-09, D.K. Agencies (P) Ltd. Ed. (1), pp (162-183).

- Malik, S.A. and Abdulla, P. (2013).Tourism Boom in J&K, TOURISM & HOSPITALITY INDUSTRY.: Modern State, Problems & Perspectives, ISBN No. 978-81-8204-083-0.

- Iqbal J. (2103) "A case study of the principles and development of Islamic finance" ABHINAV: A national monthly referred journal of Research in Commerce and Management, ISSN 2277-1166, Issue VI(June), Volume II

- Iqbal J. (2103) "Scope and need of privatization of Tourism in North India with special reference to J&K" ABHINAV: A national monthly referred journal of Research in Commerce and Management, ISSN 2277-1166, Issue V(May), Volume II

- Ahmed K.(2103) " Attitude of Jammu citizens towards investment in mutual funds" European Journal of Commerce and Management (EJCMR), ISSN 2051-8099

- K. Jatinder (2013) "Attitude of Jammu citizens towards investment in Mutual Funds-A case study of Jammu" EJCMR, ISSN NO. 2053-177X, Vol. 1, Issue 1, PP 36-38

- K. Jatinder (2013) " Black money and its impact on Indian Economy and comparative study of India and China" IJRCM, ISSN No. 2231-4245, Vol. 2, Issue: Jan 2013

Conferences /Seminar/refresher course attended

Dr. Dil Pazir

- Presented paper on "Employees retention and its prospects" in National conference on preparing next generation leadership: A futuristic Agenda by Department of Human Resource Management Central University, Jammu on 22-23 Nov. 2013

Dr Javed Iqbal

- Refresher Course in Commerce and Business at UGC Academic Staff College A.M.U, Aligarh from 2-7-2013 to 23-72013.

Dr Darakshan Anjum

- Presented paper on "Role of Research and Development in Technology Development in different sector" organized by Rayshree Institute of Management and Technology, Bareilly on June 7-8, 2013

- Presented paper on " Role of Information Technology in commerce and management " organized by Department of commerce, Bangalore University, Bangalore from December 5-7, 2013

- Presented paper on "A study of Stress Management and its different Strategies in Organization" organized by Department of Management Studies, A.M.S.E College, Tamilnadu on October 25, 2013.

- Presented paper on " A Study of Sustainable Innovation among Human Resources in Organization" organized by Rayshree Institute of Management and Technology, Bareilly on Dec. 1-2, 2013.

Mr. Aasim Mir

- Orientation Course at Academic Staff College, HP University Shimla from 10-06-2013 to 06-07-2013

- Presented Research Paper titled" Competitive Forces for Rural Tourism: A Case Study of District Rajouri" in two days national conference on Integrated Strategies for Marketing Tourism and Allied Services (Under UGC SAP-DRS-II) held at The Business School University of Jammu, Jammu on March 26-27, 2014.

Mr. Kafeel Ahmed

- Research Methodology workshop organized by School of Management Studies in collaboration with Central University of Jammu from 3-12 June 2013

Mr. Jatinder Kumar

- Research Methodology workshop organized by School of Management Studies in collaboration with Central University of Jammu from 3-12 June 2013

Mr. Danish Iqbal

- Orientation Course at Academic Staff College, HP University Shimla from 13-05-2013 to 07-06-2013

Invited lectures delivered by faculty

- Dr Dil Pazir, delivered lecture on " Management Research " in 10 days short term course on research methodology organized by School of Management Studies BGSBU and Department of Human Resource Management Central University, Jammu from 3-12 June, 2013

- Dr Dil Pazir also delivered lecture on "Marketing Management, Consumer relationship management, Consumer relationship management and Industrial relations organized by Jammu and Kashmir Entrepreneurship Development Institute (JKEDI) in July, 2013

Training programme / Seminar / Workshop etc organized

- Organized 10 days short term course on Research Methodology for PhD Scholars and Faculty, sponsored by Indian Council of Social Science Research (ICSSR), New Delhi from 3-12 June, 2013
- Seminar on "Sustainable Development"   (28-09-2013)
- Business Quiz   (20-02-2014)
- Exhibition on Business Tycoons and Entrepreneurs   (26-02-2014)
- Lecture on Financial Inclusion by Prof. S.K. Gupta (03-03-2014)
- Seminar on "FDI"   (13-03-2014)

44

Department of Arabic — School of Islamic Studies & languages

2005

Since its establishment, Arabic Department has made several strides. The department which started with one Academic programme i. e MA Arabic, three faculty members and (UG). 17 students today offers Undergraduate to Ph D. Courses. 98 students, including 16 M.Phil and Ph.D scholars are on rolls. The faculty strength has increased from 3 to 8.

The Department has been growing steadily. Along with the routine teaching and research the Department organized literary activities like seminars, workshop and Extension lectures.

Internal facilities , class rooms - 03 , Student laboratories - 01.

Student Enrolment - 2013

	Semester Ist	Semester 3rd	Semester 5th
BA (Hons)	08	12	11
MA	27	24	
M. Phil	06	NA	
Ph. D	10	NA	

Faculty Profile

- Dr. Shams Kamal Anjum   Head of Department
- Dr. M Mazhar Alam
- Dr. MD. Affan
- Dr. Mohd. Azam
- Dr. Manzar Alam
- Dr. Liaqayat Hussain
- Mr. Naseeruddin Sofi

45

Publications of the faculty

- Anjum, S. K, 2014, **Jadeed Arabi Adab** (جـديـد عربي ادب) *Urdu translation of "Al Adab al Arabi al Mua'sir fi Mis'r"* by Prof. Shauqi Zaif, Educational Publishing House, Lal Kuan Delhi **ISBN** 9789350733257 **No. of Pages:388**

- Anjum, S. K, 2014. **Balghal Ula Bi Kamaalehi** *(Collection of Urdu Poetry)* Educational Publishing House, Lal Kuan Delhi, **ISBN** 9789350732717 **No. of Pages:192**

- Anjum, S. K, 2013. Hadees-e-Arab-o-Ajam, *(Collection of Popular articles on Arabic language and Islamic Sciences)* Educational Publishing House, Lal Kuan Delhi.

- Anjum, S. K, 2013, **Adab Aur Samaj** Sheraza, Urdu Journal of J&K Acadent of Art , Culture and Literature, Volume 51 (6) (P. No55-65) **ISSN 2277-9833**

- Anjum, S. K, 2013, **Undulus ke Mashhoor Shair o Adeeb Ibn E Zaidoon ka Ek Khat,** Monthly Bazm e Sahara (Literary Magazine) New Delhi, July 2013 **P. No 16-20)**

- Alam, M. Syed Qutb 2013. Amalohu al Adabiyyah wa al Fanniyyah, Monthly al b'th il Islami, Lucknow.

- Alam, M. 2013. Khasaes Al- Madeeh al Nabwi wa Mauzooatohu al Mohimmah fi al As'r al Umawi, Monthly al b'th il Islami, Lucknow.

- **Affan , Md, 2014.** Adab al rihl awa Anis Mansoor Rehlatohu Ilal Hind e Namoozajan, Al Ba's al Islami Lucknow, 58 (10) P No 74-85

- **Affan , Md, 2013.** "Anis Mansur fil Hind, Thaqafa-tul- Hind, New Delhi: 63 (3) P No 61-94

Seminars/Conference/ Workshops attended:

Anjum SK

- Anjum, S. K, 2014. **Role of BGSBU in promotion of Arabic language and literature in Pir Panjal Range,** Two day national seminar organized by the Department of Arabic University of Delhi **on the topic** Contribution of Indian Universities to the Arabic language and literature, 5-6 March 2014

- Anjum, S. K, 2013 **Alloghatul Arabiyyah wa tahaddiyyatut Technologia al Moaasirah.** One day national seminar organized by the Department of Arabic BSB University Rajouri , November 16, 2013

- Anjum, S. K, 2013, *Scope of Arabic Language in the modern World, lecture delivered in the* Department of Arabic, Govt. Degree College Mendhar, Distt. Poonch J&K, December 19, 2013

- Anjum, S. K, 2013, *Techniques of Translation form Arabic to Urdu lecture delivered in the* Department of Arabic Islamic University of Science and Technology, Awantipora, Kashmir, October 10, 2013

Training Programme/ Refresher Course attended:

Affan Md

- Orientation Course, Academic Staff College, Kumaun University, Nainital, Uttarakhand.

Alam Manzar

Orientation Course, Academic Staff College, University of Lucknow,

Azam Mohd.

- Orientation Course, Academic Staff College, Shimla University,

Seminars / events organized by the Department

- **One day National Seminar on** "Arabic Lnaguage in the Age of Science and Technology" November 16, 2013.

Guest Lectures Organized:

- **Extension lecture on** "Fundamentals of Mastering in Arabic Language" by **Professor Manzoor Ahmed Khan,** Former Head Department of Arabic, University of Kashmir, **January 20, 2013**

School of Biosciences and Biotechnology

Although conceived in the year 2005, the School became functional in 2007. To begin with, its Centre for Biodiversity Studies was launched with the specific objective of undertaking research in biodiversity and establishing the Pir Panjal Biodiversity Park. Simultaneously, extension programmes aimed at educating and motivating rural folk, particularly women and School children in sustainable utilization and conservation of bioresources were undertaken with handsome financial support from Department of Biotechnology and Ministry of Textiles, Government of India. In 2009, formal teaching was initiated with the launching of M.Sc programme in Bioresources and Biotechnology. Within a year, this programme was approved for financial support by the Department of Biotechnology, Government of India under its Human Resource Development Project.

From the current academic session, the School introduced two more PG courses viz M.Sc Botany and M.Sc Zoology which received tremendous response of aspirants in the first year.

The School received Rs 1 Crore for purchase of equipment, consumables, books and journals and for inviting eminent biotechnologists from within the country. Each student admitted to the course receives Rs. 3,000/- p.m as stipend and Rs 50,000/- for execution of project work. The School launched M.Phil and Ph.D programmes in 2009.

During the year 2012, a new Director joined the School. Prof. B.A. Wafai carries with him 3 decades of teaching and research experience in the field of Cytogenetics. Besides his contribution to the growth of Botany Department, he also headed the Department of Biochemistry of Kashmir University.

The School remained abuzz with research activity. At the Masters level 09 students undertook project work in the Institute of Himalayan Bioresource Technology (I.H.B.T.), Palampur, H.P. and Indian Institute of Integrated Medicine (IIIM) Jammu and received hands on training in such areas as Nano – biotechnology, Genetics, Engineering, Transgenic Development.

The first M.Phil dissertation entitled "Molecular Characterization of some Nematodes of sub-family Mesorhabditidae using RAPD markers" has been submitted and awarded the degree. The other is under evaluation . A few Ph.D theses are in the pipeline.
Thirteen Research projects sanctioned by Ministry of Environment & Forests , Department of Biotechnology, Department of Science & Technology, National Medicinal Plants Board, Govt. of India; G.B.Pant Institute of Himalayan Environment & Development, Almora, and Directorate of Arecanut and Spices, Department of Agriculture and Cooperation, Calicut, Kerala were completed, 04 projects are in progress. Two new projects have been sanctioned. The School has, so far received research funding to the tune of Rs. 5,59.57 Crores. The School has also received grant from the DST for infrastructure development.

The laboratories of the School are well equipped. The major equipment in use is.....
1. Ultra Deep Freezer (-80)
2. Spectrophotofluorometer
3. Thermal Cycler (Gradient)

48

4. Thermal Cycler (Non Gradient)
5. Refrigerated Table Top Centrifuge
6. UV/ VS Spectrophotometer
7. AFLP Apparatus
8. Gel Documentation Unit
9. Nitrogen Analyser
10. Water Purification System
11. Deep Freezer (-20)

The School maintains Pir Panjal Biodiversity Park that is host to rich fauna and flora which is being enriched further. During the year following additions have been made

1.	Acorus calamus	2.	Aloe vera
3.	Asparagus racemosus	4.	Boerhaavia diffusa
5	Centella asiatica	6.	Gloriosa superba
7.	Hedychium spicatum	8.	Tinospora cordifolia
9.	Mentha longifoila	10.	Mentha arvensis
11.	Spilanthes paniculata	12.	Withania somnifera
13.	Aegle marmelos	14.	Ocimum sanctum
15.	Solanum nigrum	16.	Crocus sativus
17.	Terminalia bellirica	18.	Jatropha curcas
19.	Emblica officinalis	20.	Bergenia ligulata
21.	Heracleum candicans		

The Park houses a Glass House, Green House, Lilly Ponds, View Points and Nurseries which are being used to acclimatize the exotic elements being introduced, and in the conservation of threatened plants. Following threatened plants have been successfully introduced and are now being multiplied and studied for their Reproductive Biology, Cytology and Molecular profiles.

1. Valeriana wallichii
2. Eremostachys superba
3. Eremurus persicus
4. Gloriosa superba
5. Asparagus racemosus
6. Buxus wallichiana

Students Enrolment – 2013

	Semester Ist	Semester 3rd
M.Sc	05	09
M.Phil.	01	NA
Ph.D.	05	NA

49

Faculty Profile

Prof. B. A. Wafai   Director
Dr. Susheel Verma
Dr. Ali Asghar Shah
Dr. Shreekar Pant
Ms. Mamta Bhat
Ms. Bharti Sharma
Ms. Sheezan Rasool

Prof. G. H. Dar, Mahatma Gandhi Chair Professor Ph.D.

Mahatma Gandhi Chair for Ecology and Environment has been instituted by Ministry of Environment and Forests, Govt. of India to propagate Gandhian philosophy of sustainable utilization of natural resources as a way of life.

Research publications of the faculty members:

- Verma, S. (2013). Genetic Diversity in Valeriana wallichii DC., a Medicinally important Threatened Species as assessed by Random Amplified Polymorphic DNA in two Himalayan States of India. (with **Khajuria A. Sharma P. and Karihaloo J. L.**)
- Shah, A.A. (2013). Molecular comparison of five populations of *Mesorhabditis spiculigera* (Steiner, 1936) (Nematoda: Rhabditidae) using randomly amplified polymorphic DNA markers. *International Journal of Nematology,* 23 (2), 155-160. (with Ahmad R. Hussain, A and Vaid, S.)
- Shah, A.A. (2013). Description of *Quercorhabditis rajouriensis* gen. n., sp.n. (Nematoda: Rhabditidae). Zootaxa, 3630 (2), 385-390 (with Hussain, A and Vaid, S.)
- Pant S. (2013). Locality record for a very rare or critically endangered fern *Dryopteris dickensii* (Franch. & Sav.) C. Chr. (Dryopteridaceae-Pteridophyta) from tehsil Thannamandi, district Rajouri, Jammu & Kashmir, India, Annals of Plant Sciences. 2 **(08):** 324-326. (with Anjum, S., Pande, H.C., and Rinchen, T. 2013).
- Pant S. (2013). Diversity and distribution pattern of the Pteridophytes of Tehsil Thannamandi of district Rajouri, Jammu and Kashmir, India. e-Journal of Applied Forest Ecology, 1:29-34. (with Anjum, S., Pande, H.C. and Rinchen, T.)
- **Ms. Mamta Bhat**
- **Bhat M. (2014).** Lichens for sustainable Enviornment. International Journal of Environmetal Research and Development, 4 (4): 325-328. (with Verma S. and Upreti, D.K.).

Training programmes, refresher courses, meetings attended by the faculty members:

Mrs. Mamta Bhat

- Training course on "Classical and modern methods in plant systematics" organized by CSIR – National Botanical Research Institute, Lucknow from March 4 – 10, 2013.

Lectures delivered:

Dr. Shreekar Pant

- Biodiversity: issues and conservation management options to Forester trainees of Kashmir Forest Training School, Chatternar, Bandipora, Camp Doomi, Akhnoor, J&K on 02-02-2013.

Seminars/Conference/Symposia/Workshop attended by the faculty members:

Dr. Susheel Verma

- 101st Indian Science Congress, organized by University of Jammu, February 3-7, 2014.

Dr. Asghar Ali Shah

- 2nd Biennial National Conference of Indian Academy of Science and Nature, Agra. March 09, 2013.
- Ninth JK Science Congress, organized by University of Kashmir, Hazratbal Srinagar, October 1-3, 2013
- National Conference on Status and conservation of Biodiversity in India with special reference to Himalaya, organized by Centre of Research for Development & Departmrnt of Environmental Sciences, University of Kashmir, October 4-5, 2013.
- 101st Indian Science Congress, organized by University of Jammu, February 3-7, 2014.
- National seminar on Biodiversity: Sustainable development and conservation, organized by department of Zoology, University of Jammu, March 6-8, 2014.
- International Conference on Faunal diversity and their conservational strategies, organized by Department of Zoology, University of Lucknow, March 22-23, 2014.

Dr. Shreekar Pant

- 101st Indian Science Congress, organized by University of Jammu, February 3-7, 2014.

Mamta Bhat

- One day workshop on "Intellectual Property Technology Management and Entrepreneurship" organized by Biotechnology Industry Research Assistance Council and SMVD University, Katra on January 11, 2013.
- 101st Indian Science Congress, organized by University of Jammu, February 3-7, 2014.

Training programmes /Seminars/Conference/Workshops organized by the department

- One day session of National Workshop on Reproductive Biology for Biodiversity Conservation organized by Department of Botany, University of Jammu in collaboration with Centre for Biodiversity Studies, BGSB University, Rajouri from Nov. 22 – 26, 2013.

- National Workshop on Hands on Training in the Field of Plant Reproductive Biology organized by DBT from Feb. 21 – 22, 2014 at Centre for Biodiversity Studies, BGSB University, Rajouri.

Days celebrated:

- International Day for Biological diversity.
- World Environment day.
- World Ozone Day.
- National Science Day.
- World Water Day.

Visiting faculty during the year:

- Dr. J. L. Karihaloo, APCOAB, Delhi
- Dr. R Prasad, IIIM Jammu
- Dr. Sushma Koul, IIIM Jammu
- Dr. Abid H. Dar, IIIM Jammu
- Dr. Jyoti Wakhlu, University of Jammu
- Dr. B. K. Bajaj, School of Biotechnology, University of Jammu
- Dr. Shashank Singh, IIIM , Jammu
- Ms Savita Chib, Indian Institute of Science, Bangalore
- Anjum N. Rizvi, ZSI, Dehradun

52

Research projects initiated during the year 2013:

Besides the ongoing research, following new projects have been launched.

Dr. Asghar Ali Shah

- Studies on ecology and diversity of nematodes of Pir Panjal range in Jammu and Kashmir **Sponsored by Ministry of Environment and Forests, GOI (Rs. 34 lakhs).**

Dr. Shreekar Pant

- Establishment of herbal Garden for Propagation and conservation of germplasm of medicinal and aromatic plants in Baba Ghulam Shah Badshah University, Rajouri funded by National Medicinal Plant Board **(Rs. 22 lakh)**

Awards and Honours:

Dr A. A. Shah

- Fellowship Award of Indian Academy of Science and Nature, 2013

Mr. Rakeeb Ahmed Mir

- Best poster presentation Award at 2nd Biennial National Conference of Indian Academy of Science and Nature, Agra. March 09, 2013.

Department of Computer Sciences

The Department of Computer Science was established with the primary objective of providing quality education in the field of computer science. After its inception in 2005, the Department has grown steadily. Today, it offers undergraduate, Post-Graduate and Research programmes in Computer Sciences. Pass outs from the Department have excelled in the highly competitive industrial and academic environment and earned name for themselves and their institution. The faculty members of the Department provide learning environment to students and impart quality education. The Department has evolved comprehensive and state of art syllabi related to different aspects of Computer hardware and Software with emphasis on practical learning. The course structure is up-to-date and includes courses on nascent topics that equip our students with latest developments.

Students Enrolment in 2013

	Semester Ist	Semester 3rd	Semester 5th
BCA	07	08	10
MCA	15	29	28
M. Phil.	02	--	--
Ph.D.	04	--	--

Faculty Profile

- Prof. M Asger   Dean
- Mr. Qamar Rayees Khan   Head of the Department
- Mr. Majid Bashir Malik
- Dr. Sanjay Jamwal
- Mr. Vinod Sharma
- Ms. Roma Verma
- Mr. Ashiq Hussain Bhat
- Mr. Muzaffar Hussain Dar
- Mr. Ashwani Kumar

54

Guest Lecture:

- Dr. Muheet Ahmed Butt, Associate Professor, Department of Computer Sciences, University of Kashmir delivered on "Data Structures and Algorithms "

Publications of faculty/Scholars

- Rayees, Q. Khan, Butt, Muheet A & Asger, M., 2013, *Information Cleanup Formulation: Pragmatic Solution*, Inter Jour of Global Resc. in Comp.Sci.-IJGRCS", ISSN: 2229-371X, $\underline{4}$: 83-87.
- Jeelani, W, Bakshi, Butt, Muheet A, Rayees, Q, Khan, Zaman, M, 2013, Intelligent Mobile Network Services: An ultimate Solution, Inter Tour of Advance Research in computer science & software Engineering-IJARCSSE ISSN: 2277 128X , $\underline{3}$, 926-930.
- Rayees, Q, Khan, Mubasher H, Bhat, Muheet A, Asger M, 2013, Threat Mitigation in information Systems using Data Mining Techniques: A General Review, 9th JK Science Congress, University of Kashmir.
- Mubasher H, Rayees, Q, Khan, 2013, Adaptive Filters for Minimization of Intersymbol Interference (ISI) in Wireless Communication, 9th JK Science Congress, University of Kashmir.

Training Programmes/Refresher Courses/ Workshops attended by the faculty

Qamar Rayees Khan

- UGC Sponsored Refresher course in Basic and Applied Science. Academic Staff College, University of Kashmir. May 7 – 28, 2013.

Placements

Organisation	Number
JK Bank	01
BGSB University	02
NIC	01
Intelivesto	01
Rooman Technologies	01
AFORD Infotech	01
Excise Department	01
J&K Higher Education Department	06

Students' participation in Seminars / Conferences/ events

- Training and Academic Projects for MCA Final semester batch at CS InfoTech Chandigarh January, 2014.
- Students of the department participated in the Indian Science Congress held at JU on 3-7 Feb. 2014.
- Six students participated in "Anushthan –The New Beginning-2013" organized by Kathua campus, University of Jammu. and bagged Ist position in Technical Quiz Competition.
- The students of MCA participated in the Quiz and Symposium "Impact of Internet on our Daily Life" organized by the Department of Information Technology, BGSBU on April 16-17, 2013 and bagged First and Second positions in Technical Quiz.
- The students of MCA participated in the debate on Discrimination against women is detrimental to vibrant society organized by Dean, students welfare of the BGSB University, Rajouri. Mr. Tanzeel of MCA 5th semester bagged Third position.

Computer Maintenance Wing

- The department runs computer Maintenance wing (CMW) that provides the support for desktop, Laptop, printers and all kind of electronic devices to the entire university.

Instrumentation Maintenance Facility (IMF)

- The department provides IMF that is a UGC sponsored scheme to facilitate the section/departments of the university with the requisite electronic equipments.

National Knowledge Network (NKN)

- The department plays a vital role in providing round the clock internet facility to the departments/sections/residential apartments/scholars/hostels through NKN 1 Gbps connection from BSNL . Apart from the facility, the department provides the technical support in terms of networking.

Department of Information Technology

Information Technology has helped in promoting international trade, banking and many other services. In view of the growing impact of this technology on day-to-day life there is great demand for training human resource in this technology. The Department started with Masters programme in Information Technology which is full time, 4 Semester resident programme aimed at generating skilled human resource in such prime areas as Systems Administration, Web based Technology, E-Business etc. Every student of IT programme is required to attend and pass 15 theory and 6 laboratory courses. The last semester of the programme is devoted to Dissertation work which is executed in well established private and public sector institutions. This exposure provides real-life practical training to young learners which helps them adjust to corporate working and prepares them for finding suitable placements in IT industry and elsewhere. In the year 2012, the Department introduced B.Sc. IT with the ultimate aim of instituting an integrated 5 years programme.

The final finish to the outgoing students is imparted by the professionals engaged in the Placement cell of the University. They train them in Personality Development, Communication skills, Oral Expression and such other traits as are required to enter and adjust to corporate working.

All laboratories of the Department are linked through Wireless Network. Computing facility and Internet service are available round the clock. The Department maintains well-equipped laboratories for separate computing platforms enabling students to work with cutting edge technologies.

Students Enrolment – 2013

	Semester 1st	Semester 3rd
M.Sc. (IT)	30	22
B.Sc. (IT)	6	19

Faculty Profile

- Mr. Tasleem Arif   Head of the Department
- Mr. E.D. Gowhar
- Mr. Pardeep Kumar Sharma
- Mr. Mohsin Nazir

Research Publications by faculty

- Tasleem Arif, Rashid Ali, M. Asger 2014, A Brief Survey of Automatic Methods for Social Network Extraction. International Journal of Computer Technology and Applications, 5(1), Feb 2014, pp-155-162.
- Tasleem Arif, Rashid Ali, and M. Asger 2014, Author Name Disambiguation Using Two Stage Clustering. In Proceeding of 1st International Conference on Innovative Advancements in Engineering & Technology (AIET-2014), JNU, Jaipur, March 7-8, 2014
- Tasleem Arif, 2013, Clustering Methods for Author Name Disambiguation. Paper presented at Regional Seminar on Information Technology, Computer Research and Development-Emerging Paradigms in Modern World, Department of Computer Science, University of Jammu, Baderwah Campus, November 16, 2013.

Seminars/Conferences/ workshops attended :

Tasleem Arif

- 1st International Conference on Innovative Advancements in Engineering & Technology (AIET-2014), organized by Jaipur National University, Jaipur, March 7-8, 2014.
- Regional Seminar on Information Technology, Computer Research and Development-Emerging Paradigms in Modern World, organized by Department of Computer Science, University of Jammu, Baderwah Campus, November 16, 2013.
- UGC Sponsored Special Winter School organized by Academic Staff College, Jamia Millia Islamia (A Central University), New Delhi, December 24, 2013 - January 14, 2014.

Other activities

- Organized a Seminar & Quiz Competition on the theme "Impact of Internet on Our Daily Life" to commemorate the 30th birth anniversary of Internet on April 17, 2013.
- Organized a debate on the theme "Science & Society" on National Education Day 2013.

58

- Organized project training for the final semester students of M.Sc.-IT at Act-IT, Jammu.
- Vice Chancellor BGSB University formally launched the video lecture service in the University in the Department of Information Technology on April 18, 2013.
- Upgraded software, laboratory and teaching infrastructure by adding latest configuration Computer systems, multimedia projectors, Interactive Boards, etc.

Department of Applied Mathematics

The Department was launched in 2005, the very year when the University was established. Till the year 2011 it imparted teaching only in Applied Mathematics. Infact it holds the distinction of being the first post-graduate department of Applied Mathematics in Jammu & Kashmir state. The postgraduate programme was 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. The Applied Mathematics programme prepares students for jobs in banks and corporate sectors, industry etc.

Under pressure from student community of the twin districts of Rajouri and Poonch, the Department initiated postgraduate programme in Mathematics in the academic year 2013 for two reasons. The first that the curriculum of such course is more akin to the curriculum they pursue at the undergraduate level and second that it has huge job market locally.

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

The Department is focusing on developing mathematical aptitude among college students by organizing Annual Mathematical Olympiad which is hailed by the student community of the state in general and those of Rajouri-Poonch belt in particular.

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

Students Enrolment - 2013

M.Sc. Applied Mathematics	Semester 1st	Semester 3rd
	26	12
M. Phil.	06	NA
Ph. D.	02	NA

Faculty Profile

- Dr. Zaheer Abbas   Head of the Department
- Dr. Javid Iqbal
- Ms. Shruti Gupta

60

Guest faculty

Prof. S. D. Sharma
Head
Department of Applied Mathematics
Central University Jammu

Prof. A. P. Singh
Professor
Department of Mathematics
Central University of Rajasthan

Dr. Shakeel Raina
Department of Mathematics
Govt. Degree College, Thanamandi

Dr. S. Pirzada
Associate Professor
Department of Mathematics
University of Kashmir

Dr. Tariq Ahmad Chisti
Associate Professor
Department of Mathematics
University of Kashmir

Research Publications

- Abbas, Z. (2012) Products of Composition Multiplication And Differentiation Between Hardy Spaces And Weighted Growth Spaces Of The Upper-Half Plane (with A K. Sharma).

- Iqbal, J. (2013) Wavelet Packet Frames on a Half Line using the Walsh Fourier Transform, American Journal of Computational Mathematics, : 3 ; 66-72.

Conferences/Seminars/Workshops attended by the Faculty

Dr. Zaheer Abbas

- Convened: One day National Seminar on Applications of Mathematics to Science and Technology Sept. 29, 2012.

61

Dr. Javaid Iqbal

- Attended and presented paper on **Wavelet packet transform on $L^p(R)$** in the International conference on Differential Geometry, Functional Analysis and Applications held in **Department of Mathematics, Jamia Millia Islamia University, Delhi** from Sept. 08 – 10 ,2012.

- Attended refresher course on **"Environment Sciences"** organized by UGC Academic Staff College, University of Jammu Nov 21- Dec 11, 2012.

COLLEGE OF ENGINEERING & TECHNOLOGY

The college, now six years old, trains young men and women for careers in engineering. It offers learning environment, nurtures talent and endeavors to promote innovation and professionalism in students. The College aims at becoming a Centre of excellence in engineering for which purpose it has initiated research and consultancy services. It runs following Engineering programmes:

  B.Tech. Computer Science & Engineering
  B.Tech. Electronics & Communications
  B.Tech. Electrical and Renewable Energy
  B.Tech. Information Technology & Telecommunication
  B.Tech. Civil Engineering

The B.Tech programmes generate trained manpower which in these days of technology boom will have ready job market. The purposefully employed young men and women will usher in economic transformation in the state. The College has already produced three batches in some and one and two batches in other streams. Following amenities have been developed for students

i)   **Library & Laboratories.** Apart from the Central Library, the College has raised its own Library with a respectable collection of books. The Book Bank provides prescribed text books to students on the rolls. Particular provision has been made for students of disadvantaged classes.

The laboratories in all disciplines are well equipped with provision for individual students to handle laboratory gadgets. The lecture theatres are fitted with digital devices and overhead projectors for use in class room teaching. The quality lab. work and classroom teaching imparted to students meets national standard. That is the reason passouts of the College face little difficulty in finding placements in the Industry.

ii) Industry – Institute Parternership Cell: In order to focus on relation with the Industry an exclusive cell, called the Industry Institute Partnership Cell has been established which focuses on arranging :

  a). Consultancy programmes,
  b). Industry specific training programmes,
  c). Mentorship for students by Industry – experts, and
  d). Industrial visits.

ii)   **Career Counseling and Placement Cell :** Apart from the Career counseling cell common for all a separate training and placement that exclusively helps Engineering students in achieving career goals. The cell functions in tandem with the Centre for Enhancement of Employability Skills of the University.

Department of Computer Science & Engineering (CSE)

Student Enrolment -2013

Sem 1st	Sem 3rd	Sem 5th	Sem 7th
53	53	47	34

Faculty profile

- Mr. Khalil Ahmad   Head of the Department
- Mr. Amit Dogra
- Ms. Rukhsana Thaker
- Mr. Arjun Puri
- Mr. Vipan Kumar
- Mr. Asim Rafiq

Research Publications of Faculty members

- Singh, Ram and M. Asger (2012) " Stability Analysis of SIR Model with Vertical Transmission" Published in e-Proceeding of International Conference on Advances in Modeling, Optimization and Computing, IIT Roorkee, , pp. 291-300. ISBN No. 81-86224-71-2.

- Singh, Ram and M. Asger (2012) "Multi-Compartment Modeling of Tumor Cells Interacting with Dynamic Chemotherapeutic Drug" Communicated for publication in Journal of Applied Mathematics and Computation.

- Arif, T. Rashid Ali & M. Asger (2012), "Scientific Co-authorship Social Networks: A Case Study of Computer Science Scenario in India", Inter. Jour. of Comp. Appl. (0975 – 8887) 52-12, 2012

Training Programmes/Refresher Courses

Mr. Khalil Ahmed

- Three day workshop on **Android Application development** organized by department of Computer Science and Engineering from 27-03-2014 to 29-03-2014.

Mr. Amit Dogra

- Three day workshop on **Android Application development** organized by department of Computer Science and Engineering from 27-03-2014 to 29-03-2014.
- Refresher Course from Goa University in Computer Science Application from 02-01-2014 to 29-01-2014.

Ms. Rukhsana Thaker

- Three day workshop on **Android Application development** organized by department of Computer Science and Engineering from 27-03-2014 to 29-03-2014.

Mr. Arjun Puri

- Three day workshop on **Android Application development** organized by department of Computer Science and Engineering from 27-03-2014 to 29-03-2014.

Mr. Vipan Kumar

- Three day workshop on **Android Application development** organized by department of Computer Science and Engineering from 27-03-2014 to 29-03-2014.

Mr. Asim Rafiq Bhat

- Three day workshop on **Android Application development** organized by department of Computer Science and Engineering from 27-03-2014 to 29-03-2014.

Department of Electronics & Communications (ECE)

Student Enrolment -2013

Sem1st	Sem 3rd	Sem 5th	Sem 7th
61	60	55	49

Faculty Profile

- Mr. Mohd Shukiel Dar   Head of the Department
- Mr. Vishal Puri
- Mr. Mehmood-ul- Hassan
- Mr. M Haider Mehraj
- Mr. Arshid Ahmed Bhat
- Mr. Manik Groach
- Mr. Abdul Raquib
- Ms. Nisha Gupta
- Ms. Shaveta Gupta

Research Publications

- Groach M & A. Garg, (2013) "Performance analysis of DCSPIHT and SPIHT algorithm for image compression" International journal of Advance research in computer science and software engineering(IJARCSSE), ISSN: 2277-128X, 2 (3).

Department of Electrical and Renewable Energy (EREE)

Student Enrolment -2013

Sem 1st	Sem 3rd	Sem 5th	Sem 7th
62	58	51	48

Faculty Profile

- Mr. Tasaduq Hussain   Head of Department
- Mr. Shafqat Nabi Mughal
- Mr. Neetan Sharma
- Mr. Malik Younis
- Mr. Mohd. Iqbal Dar
- Ms. Monica Kuloo
- Ms. Fauzia Reyaz

67

Department of IT & Engineering

Student Enrolment -2013

Sem 1st	Sem 3rd	Sem 5th	Sem 7th
49	52	47	46

Faculty profile

- Mr. Malik Mubasher Hassan   Head of Department
- Mr. Nipun Bakshi
- Mr. Nikhil Gupta
- Mr. Rakesh Singh Sambyal
- Mr. Manmeet Singh
- Mr. Harneet Kour
- Mr. Vishal Sharma
- Mr. Rashed Qayoom Shawl

Seminars/Conferences/Symposia/Workshops attended

Mr. Manmeet Singh

- Security and Privacy Symposium, IIT Kanpur, March 27- April 1, 2013
- Short Term Course on Linux Administration NITTTR Chandigarh

68

Department of Civil Engineering (CE)

Student Enrolment -2013

Sem 1st	Sem 3rd	Sem 5th	Sem 7th
69	62	58	69

Faculty Profile

- Vaseem Ahmad Shahnaz   Head of Department
- Mir Aijaz Ahmad
- Pervaiz Alam
- Zishan Aslam
- Wajid Ali Butt
- Ashok Rotra
- Hitesh Kumar

Research Publications of Faculty members

- Alam P & Kafeel Ahmade (2013) Impact of Solid waste on health and Environment presented at International conference on Sustainable Technology, Jamia Millia Islamia, New Delhi.

Conference/ Seminars/ Refresher courses and Workshops attended

Mr. Vaseem Ahmad Shahnaz

- Coordinated workshop on Waste Water Treatment & Noise Control in Metros

Zishan Aslam

- Workshop on Induction training through ICT NITTT, 2013.

69

Polytechnic

The Polytechnic imparts latest technical education through Diploma Courses. The need for instituting these courses was felt on account of non-availability of Polytechnic institute in the twin districts of Poonch & Rajouri. As a consequence, many bright school pass outs who did not have the means to pursue higher studies run from pillar to post in search of vocational training to acquire skills to make their living. The skilled work force that the Polytechnic is generating an asset to meet the requirement of present day society where every home has variety of electric and electronic gadgets that call for maintenance, upkeep and repair. Lower level engineers are also in demand in industry and factories.

While many Diploma holders may prefer to take up jobs on completion of their course the bright ones have the option of seeking admission to B.E and B. Tech. Programmes in this or any other university through lateral entry.

The University Polytechnic is running following Diploma Engineering programmes.

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

Students Enrolment – 2012

Diploma Engineering

	Sem-1st	Sem. 3rd	Sem. 5th
Electroncis & Communication	21	19	22
Electrical	20	20	27
Civil	27	22	24
Mechanical	20	15	21

Faculty

1   Prof. Col.(Retd)K.K .Dogra
2   Mohd Rafiq   — ɛE
3   Rafia Khatoon - AS
4   Mahroof Ahmed
5   Imtiaz Ahmed ·
6   Abdul Hamid ·
7   Mohd Imtiaz
8   Sahil Hamid
9   Akhil Mahajan
10 Ankit Kapoor
11 Harpreet Kour
12 Yawar Mushtiaq
13 Vir Savarkar Singh
14 Mohd Basharat
15 Shivinder Mehta
16 Sarfraz Ahmed
17 Farooq Ahmed
18 Shabir Ahmed Lone
19 Showket Maqbool
20 Amit Dusgotra
21 Zabir Ahmed

Research Papers published by faculty

Mr. Akhil Mahajan

Mahajan. A & Parminder Kour (2013), Face Recognition System Using EBGM & ANN, Inter. Jour. of Recent Technology & Engineering, ISSN: 2277-3878, Vol. 2 : 4, 14-18.

Central Library

The Radhakrishnan Commission (1948-49) while highlighting the need and importance of libraries expressed that "the library is the heart of all the university's work, directly so, as regards its research work and indirectly as regards its educational work, which derives its life from research. Scientific research needs the library as well as its laboratories while for humanistic research the library is both library and the laboratory in one."

The Central Library, BGSB University is just yearling on the course to meliorate the virtues of education and research by supplementing both classroom teaching and laboratory work through its acquired resources. Technological advancement has unleashed a transition of its own kind which apart from transmuting the daily dwelling methods of common masses has also changed their information seeking behavior. Given this fact, no library can afford to be complacent on this front and so holds true of Central Library BGSB University which is committed to improve on diverse fronts including adaption of technological advancements so as to render services as per the information seeking behavior of its clientele.

The Central Library, BGSB University is institutional member of DELNET, which is a network of more than 4770 libraries where member libraries apart from accessing bibliographical details of nearly 20 million documents and can also had the document on Inter Library Loan basis. Library members can access more than 5000 online journals on varied subjects under UGC-Infonet consortia. The research in progress at Baba Ghulam Shah Badshah University can be accessed at Shodhgangotri (a repository of P.hd synopses). Bibliographical details of the library holdings are duly maintained with DELNET and INFLIBNET and can be accessed from their respective sites. Library members can access a large number of open access resources and databases from the library website accessible at https://sites.google.com/site/clbgsbu/.

Library collection and the reading material procured during the period April 01, 2013 to March 31, 2014

S.No	Item	Current additions	Total collection
01	Books	1321	21474
02	Gratis Books	32	1470
03	Book Bank	Nil	163
04	Digital Documents	200	1500

72

05	Projects/Dissertations	182	946
06	Journals/Magazines	82	3987 (Back Issues)
07	Newspapers	20	20
	Total		29560

With the view to decentralize some of the library services and to extended library services of students, scholars and teachers in their respective departments, departmental libraries have been established in the College of Engineering and Technology, Centre for Biodiversity Studies, and Department of Applied Mathematics.

Collection maintained in the departmental libraries as on March 31, 2014 is

Name of the Departmental Library	No of Books	Timings	Days
CoET	4363	0900-1700Hrs	Weekdays
Centre for Biodiversity Studies	676	-Do-	-Do-
Department of applied Mathematics	612	-Do-	-Do-

Central Library maintains a separate collection of text books in the form of books bank specially meant for children from economically and socially weaker sections of society, under which books are loaned to students for full semester. Reprographic facility is extended to all library members and walk-in users.

The other routine library services provided to library members include

- Reference and information Service
- OPAC search facility
- Book Loan facility (Both in Central and Departmental Libraries)
- Reading room facility
- Periodical services

Central Library Timings:

Library services and facilities	Timings	Days
Library Hours	0900-2100 Hrs	Monday to Saturday
Book Issue/Return	0900-1600 Hrs	Weekdays
Consultation and Reading room facility	0900-2000 Hrs	Weekdays
Reading room facility	0900-2100 Hrs	Weekdays
Reading room facility	1000-1600 Hrs	Weekends & Holidays

Sports

The Sports office works under the supervision of Dean of Students. In the year 2012 the University teams participated in following Inter-University events.

i.   North zone Inter University Football Competition at Lovely Professional University, Jalandhar.
ii. North zone Inter University Men's Cricket Competition at Aligarh Muslim University.
iii. Inter University Volley Ball Competition at Bundelkhand University, Bareilly , UP
iv. Ashutosh Khajuria of B-Tech Civil Engineering participated in Junior Judo Championship Gurgaon (Haryana) from Feb 21-27, 2013 and reached the Quarter Final Level.

The University teams also participated in following district level sports and athletics events held in 2012-13 and earned prizes in some of them :

i.   Ashutosh Khajuria of B-Tech Civil Engineering bagged Gold Medal in State Level Judo Championship at Jammu.
ii. The University Badminton Team comprising Haroon Rashid Chowdhary and Wasal Chowdhary of B-Tech lifted Runners up Trophy in the District Police organized Civil Action Programme.
iii. The University Volley Ball team participated in District Police organized Civil Action Programme and secured 2nd prize.
iv. The University Volley Ball team lifted the Champions Trophy in District Volley Ball Championship organized by 25 Infantry Division of Army.

Inter-Departmental Sports Events:

The Directorate of Sports organized Inter Departmental Competitions in following Sports and athletics events : both for Men and Women

i). Foot Ball
ii). Cricket
iii). Badminton
iv). Table Tennis
v). Chess
vi). Tug – of - war

Cultural Events

i) First Ever Sports & Cultural Festival organized

ii) Rabiya Sayeed of M. A. Arabic (2nd Semester) earned laurels in the District police organised Cultural bonaza "Chohna Hai Aasmaan" at Poonch

iii) Inter-Departmental Debate Competitions was held on the topic "In the opinion of the house discrimination against Women is detrimental to vibrant society". The following won the prizes :

1. Anisha Bashir   MBA   Ist Prize
2. Shabnam Aziz   BBA   2nd Prize
3. Syed Tanzeel Ahmed   MCA   3rd Prize

Hostels

The University maintains 6 hostels each provided with excellent facilities. The Hostels, with homely environment and well ventilated rooms, are located in eco-friendly, pollution-free scenic setting on a flat stretch of land vanishing into ascendant chain of pine-covered hills with a gurgling brook running in the front. Facilities such as 24 hrs power supply, common room, water coolers with purifiers, provisions for indoor games etc are the other features of the hostels. The hostel messes, managed by quality caterers, are clean, modernised and economical.

The following staff that works under the supervision of Dean of Students is engaged in managing the Hostels on the Campus.

- Wardens
- Resident Wardens
- Assistant Wardens
- General Duty Helpers
- Security Guards
- Chowkidars
- Safaikaramcharis

Accommodation available in various hostels

PG Hostel (Block "A")	37 Rooms	115
Block "B" Sr.B-Tech	26 Rooms	51
Block "C" Jr.B-Tech	31 Rooms	128
Girls Hostel PG Block	46 Rooms	88
BJRC	37 Rooms	108
Sabrang Square	35 rooms	105

Guest Houses

The university has 2 Guest Houses, one each at Jammu and Rajouri. While the first caters to the faculty and University guests in transit, that at the Campus is used as the Visitor's lodge. The Guest Houses are well furnished with spacious rooms, well kept lounge and basic facilities.

Placement Cell

Training and Placement are integral parts of the BGSBU educational system. For this purpose the University has been maintaining fulfledged Placement Cell with full time professional Placement officer. The Cell organizes training programmes round the year, prepares prospective students for Campus selection programmes, coordinates with the corporate sector and facilitates Campus selection. Realizing the role the Placement cell has been playing in making our product employable, the university has taken the decision of expanding it and converting it into Centre of Employability Skills Development with the long term aim of raising it into Skills Capital of Jammu & Kashmir. To be employable, a fresh passout must possess requisite knowledge in the area of his specialization. Besides, he should have the necessary skills and aptitude (KSA). While knowledge is imparted through formal teaching-learning process by various teaching departments of the university, skills and aptitude are honed by professionals in skills development. Additionally, the young professionals are expected to be clear, correct and confident in their speech, have no stage fright, be able to modulate voice, use correct posture, appropriate gestures and proper eye contact. To achieve these goals attempts are being made to use inputs of professional trainers to impart to budding professionals complete structure of English language, flawless pronunciation and vocabulary development by utilizing proper technique of using dictionary, thesaurus and reverse dictionary.

Key activities that are undertaken by the Placement Cell

- Organize Personality Enhancement Workshops, group discussions, mock interviews and such other activities as help students and prepare them for corporate sector.
- Organize regular visits of students to industrial houses as part of Campus to Corporate programme.
- Arrange Campus recruitment for summer training which provides first hand knowledge of corporate world to students and prepares them for final placements; assists them in getting-on-the campus pre placements by inviting national and multinational companies for holding interviews. The recruiters of our product include leading organizations like Barkley Bank, IDBI, Fortis, ICICI, Kotak Mahindra, IBM, Perot Systems, JPH Technologies and Global InfoTech.

77

Health Care

Operating since 2006, the University Health Centre provides quality primary health care and support to the students, staff and the people of surrounding villagesr.

The mission of the university health centre is to prevent, modify and remove health related -barrier to student's academic success and personal development. Provision of excellent medical care is central to this mission. The focus is on enhancing the physical and emotional well being of students.

Strategic Plan

The strategy to fulfill the above mission is not only to maintain but also enhance and improve the health care services to University Community through,

- quality staffing to match needs,

- physical facilities to support function ,

- information accumulation for better health care,

- Institutional community relationship

The Health Centre is committed to,

- Collaboration
- Community
- Compassion
- Excellence
- Integrity &
- Multicultural competency

Medical facilities available in the Health Centre

Onsite clinical laboratory services including
- Urinalysis, routine urine examination, urea, creatinine
- Pregnancy testing,
- STI screening
- Tests for HIV & Hepatitis,
- HB estimation, TLC, DLC, ESR
- Widal test

Test performed during the year

- Performed over 200 chemistry tests, including 151
  Tests for diabetes, typhoid, hepatitis
- Performed over 50 HIV tests

Pharmacy (chemist shop) : Pharmacy continued its mission of providing top quality Pharmacy services. The number of patients treated

- Students   3507
- Employees   3001
- Outsiders   229
- Admitted :   129
- Referred :   18

Other area of activities:

- Free Screening of employees for diagnosis of DM, HTN, CRF, HIV
- In collaboration with DH Rajouri, Immunization of approximately 200 children of neighboring villages and University campus for polio under Pulse Polio campaign.
- 24 hours Ambulance services for patients
- All sports events are scouted by paramedical staff
- Inspection of all eating establishments on the campus like messes, karyana shops, restaurants, canteens etc by the staff of Health centre.
- Regular chlorination of main water source on the University campus.
- Strict Vigilance on sale and purchase of tobacco products inside as well as areas adjacent to University campus
- Tobacco Cessation Support
- Counseling and education to married couples visiting UHC about family planning, contraception etc.
- Person to person psychological counseling

Arboriculture Department

The University has the Department of Arboriculture that undertakes following activities:

- Landscaping
- Development and maintenance of nurseries
- Plantation
- Development of land
- Maintenance and development of lawns attached to Teaching departments, Administrative blocks, Residential area, Guest house and Hostels.
- Development of Water Bodies for harvesting rain water.
- Fencing the Campus
- Laying Bridle paths
- De-weeding
- Hedging
- Maintenance of Rose garden and Founder's park
-

Internet & National Knowledge Network (NKN)

All teaching departments have been provided Internet facility through V-SAT and dedicated RF-Link with 2 Mbps speed connectivity which enables teachers and learners to keep abreast with latest developments in their respective fields of specialisation. Internet facility is also provided in the hostels.

Students Cafeteria

The campus has many canteens and the Peer Pal Café with provision for lunch, tea, soft drinks and snacks. Their upkeep, hygiene and quality of service are monitored strictly. The canteens and cafeterias keep open till late hours to serve students who work late in library and laboratories.

Residential Quarters

The University provides residential facility to its Faculty, Officers and non-teaching staff. Parents Lodge hosts parents who visit the varsity to meet their wards.

Pir Panjal Biodiversity Park

The Pir Panjal Biodiversity Park of the University is spread over an area of about 437 acres. Out of this area, Lead Botanic Garden is being developed over an area of 10 acres with the funds received from Ministry of Environment & Forests, Government of India. So far, the Ministry has provided Rs 58.58 lakhs.

The park is rich in flora and fauna and it also hosts dense chir pine forest.