



Yearly Status Report - 2019-2020

Part A

Data of the Institution

Part A	
Data of the Institution	
1. Name of the Institution	BABA GHULAM SHAH BADSHAH UNIVERSITY
Name of the head of the Institution	Prof. Akbar Masood
Designation	Vice Chancellor
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	01962-2641001
Mobile no.	9906966281
Registered Email	vc@bgsbu.ac.in
Alternate Email	registrar@bgsbu.ac.in
Address	Baba Ghulam Shah Badshah University, Dhanore, Rajouri
City/Town	Rajouri
State/UT	Jammu And Kashmir
Pincode	185234

2. Institutional Status																			
University		State																	
Type of Institution		Co-education																	
Location		Rural																	
Financial Status		state																	
Name of the IQAC co-ordinator/Director		Mr. Haider Mehraj																	
Phone no/Alternate Phone no.		019622641001																	
Mobile no.		7006298484																	
Registered Email		iqac@bgsbu.ac.in																	
Alternate Email		haidermehraj@bgsbu.ac.in																	
3. Website Address																			
Web-link of the AQAR: (Previous Academic Year)		http://www.bgsbu.ac.in/IOAC/aqar_report%202018-19.pdf																	
4. Whether Academic Calendar prepared during the year		Yes																	
if yes,whether it is uploaded in the institutional website: Weblink :		http://www.bgsbu.ac.in/acadcal/Academic%20Calendar%202019-2020.pdf																	
5. Accrediation Details																			
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>B</td> <td>2.5</td> <td>2020</td> <td>08-Jan-2020</td> <td>07-Jan-2025</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	B	2.5	2020	08-Jan-2020	07-Jan-2025
Cycle	Grade	CGPA	Year of Accrediation	Validity															
				Period From	Period To														
1	B	2.5	2020	08-Jan-2020	07-Jan-2025														
6. Date of Establishment of IQAC			09-Apr-2012																
7. Internal Quality Assurance System																			
Quality initiatives by IQAC during the year for promoting quality culture																			
Item /Title of the quality initiative by IQAC		Date & Duration		Number of participants/ beneficiaries															
Workshop on Career		14-Jan-2020		39															

Anchoring & Profiling	1	
Workshop on Advanced Ms Excel Commands	20-Nov-2019 1	126
Workshop on Research Publication: Importance of Ethics and Quality	16-Nov-2019 1	32
Employer feedback	15-Jan-2020 150	12
Alumni feedback	15-Jan-2020 150	23
Teacher feedback	15-Jan-2020 150	120
Parent Feedback	15-Jan-2020 150	200
Student Feedback	15-Jan-2020 150	637
Active Learning Pedagogy for use of ICT in classrooms	20-May-2020 2	108
Session on CO PO and attainment for faculty members	04-Sep-2019 1	73
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8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Dr. Arif Tasleem	DSTSERB Core Grant	DST-SERB	2020 1095	5600000
Dr. Mohd Asger	DST-SERB Start Up Grant	DST-SERB	2020 730	3300000
Department of Botany	NMHS	NMHS	2019 1095	1600000
Department of Biotechnology	Major project: Conservation Genetics and species recovery of threatened Himalayan Thillium in Hirpora Wildlife Sanctuary	DBT	2019 1095	4450240
Department of Biotechnology	Major project: A biotechnological approach to elucidate	DBT	2019 1095	3600240

	adaptation mechanism, migration pattern and reproductive biology of indicator temperate alpine plants in Himalayas in response to changing climate			
Department of Biotechnology	Major project: Structural Mapping of Metallo beta lactamase by investigating the role of activesite, peripheral and structural amino acid residues on its catalytic proficiency using mutagenic approaches	DBT	2019 730	1000000
Department of Economics	Major project: Economic Valuation of High Altitude Lakes of Pir Panjal Range In Jammu and Kashmir	ICSSR	2019 730	1900000
Department of Computer Science Engineering	Minor Project: Intelligent tool for automated brain disorder diagnosis from neuroimaging data: Indian perspective	NPIU MHRD	2019 365	992000
School of Engineering and Technology	World Bank Assisted TEQIP-III Institutional Project of MHRD	TEQIP-III	2017 1095	100000000
Department of Biotechnology	DBT supported MSc Teaching Programme	DBT	2011 3285	13796000
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9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	0
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	No
Upload the minutes of meeting and action taken report	No Files Uploaded !!!
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No
12. Significant contributions made by IQAC during the current year(maximum five bullets)	
a. A two day staff workshop on Use of Educational Technology. b. Applied for NIRF Ranking/India Today Ranking/ATAL Rankings. c. Feedback taken from stakeholders. d. Competitive Examination coaching and employability training.	
View File	
13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year	
Plan of Action	Achivements/Outcomes
Induction Program for newly admitted students	All teaching departments conducted induction programme for newly enrolled students.
Stakeholder feedback	feedback from different stakeholders was taken on curriculum and same was communicated to departments for incorporation into curriculum at the time of BOS.
To Conduct programs and workshops for teachers to enable them to use ICT for teaching Learning and orient them with the pedagogy of the same	A two day staff workshop on Educational Technology was conducted in this regard.
View File	
14. Whether AQAR was placed before statutory body ?	No

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes
Date of Visit	02-Dec-2019
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2020
Date of Submission	28-Jun-2020
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	<p>The University is using the following modules in ERP: University Website: University has a Coherent System to manage departments (Interlinking Academic And NonAcademic Departments). The information is made accessible for the public domain through time to time updates by including all the information in a website for the general public's knowledge. Centralized Admissions: The university ERP solution offers centralized online admission applications to students Online Counseling System: This Module offers online counselling to applicants after qualifying for the entrance examination conducted by the University. Student Fees: Fees collected for academic curriculum, exams, hostels, the certificate gets archived within this module of university Student management system. Student Fees' submodule can generate receipts and reports likewise. Some Features: 1. User login. 2. Admin login. 3. Forget password control by admin and or by the user. 4. Update details/delete/add detail by admin. Online NoC: This Module offers a feature to apply for a No objection certificate prerequisite for obtaining a degree certificate. The modules include 1. User login. 2. Admin login. 3. Forget password control by admin and or by the user. 4. Update details/delete/add detail by admin. 5. Login accounts of various signatories of NoC like HoD's , Warden etc. ELearning: This module is used by</p>

teaching faculty and students to enhance the teaching learning process. The features include: • An individual login account is provided to every teacher to upload content like video tutorial, lecture notes, assignments, video lectures of resource persons. Centralized Recruitment Portal: The university ERP solution offers centralized online recruitment applications for various posts advertised by the University from time to time. BGSBU Email Service: The University uses GSuite for education service. All the employees of the University and research scholars are provided official mail address for communication and circulation of various circulars, orders, office memo etc. BGSBU Message Service: The University uses Bulk SMS service. The service is used for communication with students and the university staff for communication and circulation of various circulars, orders, office memo, salary statements, messages, etc.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
MSc	M.Sc. (Botany)	Botany	04/02/2020
MBA	MBA (Hospitality and Tourism)	Hospitality and Tourism	15/01/2020
MEd	M.ED	Education	10/02/2020
MA	M.A (English)	English	17/02/2020
MSc	M.Sc. (IT)	Information Technology	25/02/2020
MSc	M.Sc. (Physics)	Physics	29/02/2020

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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
MSc	Botany	04/02/2020	Tools techniques in Biology (Bot-170)	04/02/2020
MSc	Botany	04/02/2020	Biology &	04/02/2020

			Diversity of Algae & Lichens (Bot-171)	
MSc	Botany	04/02/2020	Biology & Diversity of Bryophytes & Pteridophytes (Bot-172)	04/02/2020
MSc	Botany	04/02/2020	Taxonomy & Systematics of Angiosperms (Bot-270)	04/02/2020
MSc	Botany	04/02/2020	Biotechnology & Genetic Engineering (Bot-273)	04/02/2020
MSc	Botany	04/02/2020	Mushroom Cultivation (Bot-275)	04/02/2020
MSc	Botany	04/02/2020	Mycology & Plant Pathology (Bot-372)	04/02/2020
MSc	Botany	04/02/2020	Recombinant DNA Technology (Bot-374)	04/02/2020
MSc	Botany	04/02/2020	Plants in Human Welfare (Bot-472)	04/02/2020
MSc	Botany	04/02/2020	Bioinformatics & Biostatics (Bot-473)	04/02/2020
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1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
MSc	Botany	04/02/2020
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the University level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
Nil	NA	Nil

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Mushroom Cultivation	04/02/2020	24

Induction Program	20/08/2019	300
Human Values and Professional Ethics	02/09/2020	20
Corporate Communication	22/11/2019	17
Certificate Course in Computer Applications	20/09/2019	20
Communication Skills and Personality Development	01/08/2019	22
Entrepreneurship Development (Course code SMSSE-1)	16/09/2019	25
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
MSc	Biotechnology	14
MSc	Botany	27
BTech	Computer Science Engineering	14
BTech	Electrical Engineering	98
MBA	Hospitality and Tourism	5
MA	Economics	10
MEd	Education	36
MSc	Information Technology	18
MBA	MBA	14
MCA	MCA	17
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained
<p>Taking input from different stakeholders such as professors, students, employers, parents, and alumni is a continuous mechanism followed at BGSB University for the Institutions overall growth. Feedback from students: Every year/semester, input from all students at the university is gathered online. Feedback is collected on different facets of teaching and learning, such as the fairness of the internal assessment mechanism, syllabus coverage, instructor</p>

preparedness for students, leadership ability, daily class behaviour, usage of student-centric approaches in the classroom, use of ICT resources, and so on. Teachers are assessed on a four-point scale, and the analysis is given to the HoD for further enhancement in the teaching-learning phase. The findings are discussed with the concerned faculty member for further enhancement, and a record of the same is kept. Feedback from Faculty: Every year, university faculty members are requested to fill in feedback. Every faculty member provides feedback on their degree of satisfaction and makes recommendations for further improvement, which the administration uses to enhance instructional procedures. Feedback from employers: The Universitys Training and placement cell collect feedback from employers on different facets of the talent pool such as punctuality, general recognition, topic expertise, business skills, communication skills etc. The same is used for training purposes of students to satisfy the need of the Industry and duly incorporated in the curriculum. Feedback from Alumni: When alumni attend the University, Different departments receive feedback from them, which is then used to enhance academics and employability in whatever way possible.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
MSc	Physics	25	51	20
MA	Islamic Studies	25	45	21
MA	Urdu	25	33	18
MA	Arabic	30	18	8
MA	Economics	40	22	11
MBA	MBA	50	60	11
MBA	Hospitality and Tourism	25	22	5
MSc	Information Technology	30	30	6
MSc	Computer Sciences	15	3	2
MCA	MCA	30	8	2

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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	1553	368	96	46	27

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-

learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
169	169	8	73	44	100000
View File of ICT Tools and resources					
View File of E-resources and techniques used					

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Evaluation of the Teaching-Learning process is the key to progress and improvement in academics. Following this spirit and creating a tension-free conducive environment for student learning activity and making teachers approachable simultaneously for educational and personal guidance, the mentoring system has been introduced. Mentoring is a crucial part of the teaching-learning process, especially at University level, which is actually the last phase of conventional classroom teaching. A student has access to his or her academic career. It provides exposure to the student of the vast options available in higher education after completing the degree and helps choose the right path, depending upon the strength and weaknesses of the student. The principal aim of student mentorship is –

- Enhancement of knowledge base for both teachers and students alike with importance to effective two-way communication.
- Motivation for higher studies and research activities.
- Identifying deficits and giving advice and support for improvement in academic performance.
- Development of professional skills.
- Imparting life-lessons.
- Inculcate multi-disciplinary and co-relational approach.
- Help slow learners.

Mentor mentee process: Regular meetings are held between mentor and mentee. Students are allowed to approach the mentor for both academic personal problems. A progress report is maintained for each student. The progress regarding both personal and academic performance is discussed. Personalized professional /career advice is also given to the mentee.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1921	169	1:11

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
236	125	111	Nil	59

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2020	Dr. Mohd Azam	Assistant Professor	Best Faculty Award of the year, Cape Comorine Awards
2019	Dr. Shoeb Ahmad	Assistant Professor	Topper (Top 2) in NPTEL Online Certificate Course on Bioenergy (IIT Kanpur)
2019	Dr. Shoeb Ahmad	Assistant Professor	Topper (Top 1) in NPTEL Online Certificate Course

			on Bioenergy (IIT Guwahati)
2020	Dr. Susheel Verma	Associate Professor	Member, Jammu and Kashmir Biodiversity Council
2020	Dr. Susheel Verma	Associate Professor	Member, Expert Group of JK Govt. for Developing People's Biodiversity Registers
2020	Dr. Shreekar Pant	Assistant Professor	Best Scientist award Society for Agriculture and Allied Research (SAAR)
2019	Dr. Arif Tasleem Jan	Assistant Professor	Partial support for travel to Korea Korean Society for Lipid and Atherosclerosis, Republic of Korea
2019	Dr. Susheel Verma	Associate Professor	Member, Academic Council Sher-e-Kashmir University of Agricultural Sciences- Kashmir (SKUAST-K), Shalimar, Jammu and Kashmir, India
2020	Dr. Suhaib Ahmed Batt	Assistant Professor	Certificate of Appreciation from IEEE for Mentoring Hackathon
2019	Dr. Dil Pazir	Assistant Professor	Outstanding Researcher of the Year Award(BGSBU)

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2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BTech	B.Tech. (CE)	8th	28/08/2020	30/09/2020
BTech	B.Tech. (CSE)	8th	31/08/2020	30/09/2020
BTech	B.Tech. (ECE)	8th	28/08/2020	30/09/2020
BTech	B.Tech. (EE)	8th	28/08/2020	16/09/2020
BTech	B. Tech (ITE)	8th	28/08/2020	30/09/2020

BE	B.E. (CE- Evening)	8th	28/08/2020	30/09/2020
BE	B.E. (EE - Evening)	8th	28/08/2020	16/09/2020
BA	B.A. (Arabic)	6th	07/09/2020	22/10/2020
BEd	B.Ed.	4th	10/09/2020	19/09/2020
BBA	BBA	6th	07/09/2020	22/10/2020

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2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
Nil	Nil	0

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

http://www.bgsbu.ac.in/IOAC/PO_PSO_CO_2019-20_final_with%20letters.pdf

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
B.Tech. (CE)	BTech	Civil Engineering	77	59	76.62
B.Tech. (CSE)	BTech	Computer Science & Engineering	46	39	84.78
B.Tech. (ECE)	BTech	Electronics & Communication Engineering	48	30	62.50
B.Tech. (EE)	BTech	Electrical Engineering	57	38	66.66
B. Tech (ITE)	BTech	Information Technology Engineering	27	21	77.77
B.E. (CE-Evening)	BE	Civil Engineering	8	8	100
B.E. (EE - Evening)	BE	Electrical Engineering	5	3	60
M.Sc. (Biotechnology)	MSc	Biotechnology	13	13	100
B.A. (Arabic)	BA	Arabic	6	2	33.3

BBA	BBA	BBA	22	13	59.1
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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

<http://www.bgsbu.ac.in/IOAC/Students%20Satisfaction%20Survey%20Report%202019-20.pdf>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

3.1.1 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
Nil	Nil	Nil	Nil	Nil
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3.1.2 – Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other fellows in the Institution enrolled during the year

Name of Research fellowship	Duration of the fellowship	Funding Agency
DST Women Scientist Fellowship, Ms Afreen Anwar	1095	DST
National Fellowship for STs, Ms. Musarat Fatima	1825	Ministry of Tribal Affairs
National Fellowship for STs, Ms. Shaista Rashid	1825	Ministry of Tribal Affairs
University fellowship, Mr. Tauseef Ahmad Parray	365	BGSB University
SRF, Mr. Anil Bharadwaj	1825	CSIR
SRF, Ms. Fozia Chaoudhary	1085	CSIR
SRF, Ms. Yasmeen Kouser	365	CSIR
University Fellowship, Faisal Faheem Khan	730	BGSB University
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3.2 – Resource Mobilization for Research

3.2.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Minor Projects	365	NPIU, MHRD	6.05	4.53
Minor Projects	365	NPIU, MHRD	3	1.59
Minor Projects	365	NPIU, MHRD	3	1.2

Minor Projects	365	NPIU, MHRD	9.92	8.94
Minor Projects	730	ICSSR	5.5	1.65
Major Projects	1095	DST	22.38	12.01
Major Projects	730	DST-SERB	33	24
Major Projects	1095	DST-SERB	56	32
Major Projects	635	NPIU, MHRD	12.6	9.82
Major Projects	1095	NMHS	16	5.21
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3.3 – Innovation Ecosystem

3.3.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Awareness Program on Contemporary Research and IPR	Department of Botany	10/03/2020
IPR	Centre for Hospitality and Tourism	06/04/2020
One day Workshop on Filing Copyrights and Trademarks	Department of Electronics and Communication Engineering	03/09/2019
One Day Seminar Research Ethics	Department of English	26/04/2020
Faculty Training on the role of IPR in Academic Research	Department of Information Technology	21/10/2019
Intellectual Property Rights with Special Reference to Consumer protection Privileges	Department of Management Studies	23/10/2019
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3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Nil	Nil	Nil	Nil	Nil
View File				

3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
Nil	Nil	Nil	Nil	Nil	Nil
View File					

3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
School of Management Studies	1
Department of Arabic	5

3.4.2 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
National	Department of Botany	2	Nil
National	Department of Management Studies	5	Nil
National	Department of Zoology	1	Nil
International	Department of Biotechnology	5	6
International	Department of Botany	7	3
International	Department of Civil Engineering	7	Nil
International	Department of Computer Science Engineering	1	Nil
International	Department of Electronics and Communication Engineering	5	Nil
International	Department of Education	3	Nil
International	Department of Electrical Engineering	13	1

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3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Department of Biotechnology	2
Department of Botany	4
Department of Civil Engineering	2
Department of Computer Science Engineering	1
Department of Electrical Engineering	11
Department of English	17
Department of Islamic Studies	6
Department of Management Studies	2

Department of Computer Sciences	12
Department of Physics	1
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3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
Biometric Fingerprint Recognition System with Encryption	Published	201911035881A	Nil
Low-Complexity Block Tree Image Coder (LCBTC) for Memory Constrained Imaging Devices	Published	202011006768A	Nil
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3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
NeuroMuscleDB: a Database of Genes Associated with Muscle Development, Neuromuscular Diseases, Ageing, and Neurodegeneration	Baig M.H., Rashid I., Srivastava P., Ahmad K., Jan A.T., Rabbani G., Choi D., Barreto G.E., Ashraf G.M., Lee E.J., Choi I.	Molecular Neurobiology	2019	3	Department of Medical Biotechnology, Yeungnam University, Gyeongsan, 38541, South Korea Amity Institute of Biotechnology, Amity University, Lucknow, Uttar Pradesh 226 028, India School of Biosciences and Biotechnology, Baba Ghulam Shah Badshah University	3

ARSACS as a Worldwide Disease: Novel SACS Mutations Identified in a Consanguineous Family from the Remote Tribal Jammu and Kashmir Region in India	Kuchay R.A.H., Mir Y.R., Zeng X., Hassan A., Musarrat J., Parwez I., Kernstock C., Traschütz A., Synofzik M.	Cerebellum	2019	11	Department of Biotechnology, Baba Ghulam Shah Badshah University, Rajouri, JK 185234, India Department of Genetics, Yale School of Medicine, New Haven, CT, United States Department of Ophthalmology, Government Medical College, Srinagar, JK, India	10
Twitter sentiment analysis on Indian government project using R.	Verma P., Khanday A.M.-U.D., Rabani S.T., Mir M.H., Jamwal S.	International Journal of Recent Technology and Engineering	2019	9	Department of Computer Sciences, BGSEBU, Rajouri, JK, India	7
Advances in identification of genes involved in autosomal recessive intellectual disability: A brief review	Mir Y.R., Kuchay R.A.H.	Journal of Medical Genetics	2019	5	Department of Biotechnology, Baba Ghulam Shah Badshah University, Rajouri, Jammu and Kashmir, 185234, India	4
DDOS attack detection and handling mechanism	Dogra A., Kaur T.	International Journal of Recent Technology and Engineering	2019	0	Department of Computer Science and Engineering	Nil

in WSN		ering			ering at SoET, BGSB University Rajouri (JK), India Department of Computer Science and Engine ering, Guru Nanak Dev Univer sity, R/C Gurdaspur, India	
Detecting intrusion with high accuracy: Using hybrid K-Multi layer perceptron	Dogra A., Taqdir	Internat ional Journal of Recent Technology and Engine ering	2019	0	Department of Computer Science and Engine ering, SoET, BGSB University Rajouri (JK), India Department of Computer Science and Engine ering, Guru Nanak Dev Univer sity, R/C Gurdaspur, India	Nill
Solving a variational inclusion problem with its corresponding resolvent equation problem involving XOR-operation	Ahmad R., Iqbal J., Ahmed S., Husain S.	Nonlinear Functional Analysis and Applic ations	2019	2	Department of Mathema tics, Aligarh Muslim Uni versity, Aligarh, 202002, India Department of Mathema tical Sciences, Baba Ghulam Shah	2

					Badshah University- Rajouri, Jammu and Kashmir, 185234, India	
Issues and challenges in DNS based botnet detection: A survey	Singh M., Singh M., Kaur S.	Computers and Security	2019	19	Computer Science and Engineering Department, Thapar University, Patiala, Punjab, India Department of Information Technology and Engineering, Baba Ghulam Shah Badshah University, Rajouri, India	16
Effective Inhibition of Phytopathogenic Microbes by Eco-Friendly Leaf Extract Mediated Silver Nanoparticles (AgNPs)	Haroon M., Zaidi A., Ahmed B., Rizvi A., Khan M.S., Musarrat J.	Indian Journal of Microbiology	2019	13	Department of Agricultural Microbiology, Faculty of Agriculture Sciences, Aligarh Muslim University, Aligarh, India School of Biosciences and Biodiversity, Baba Ghulam Shah Badshah University, Rajouri, Jammu and Kashmir, India	12

Changes in vegetation cover and soil intrinsic properties influence the soil bacterial community composition and diversity across different climatic regions of India	Dinakaran J., Vikram K., Hanief M., Bidalia A., Tambat S., Rao K.S.	Vegetos	2019	0	Natural Resource Management Laboratory, Department of Botany, University of Delhi (North Campus), Delhi, 110007, India Department of Botany, BGSB University, Rajouri, JK 185234, India Bionivid, 209, 4th Cross Rd, B Channasandra, East of NGEF Laya	Nil
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3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
NeuroMuscleDB: a Database of Genes Associated with Muscle Development, Neuromuscular Diseases, Ageing, and Neurodegeneration	Baig M.H., Rashid I., Srivastava P., Ahmad K., Jan A.T., Rabbani G., Choi D., Barreto G.E., Ashraf G.M., Lee E.J., Choi I.	Molecular Neurobiology	2019	111	3	Department of Medical Biotechnology, Yeungnam University, Gyeongsan, 38541, South Korea Amity Institute of Biotechnology, Amity University, Lucknow, Uttar Pradesh 226 028, India

						School of Bioscience s and Biot echnology, BGSBU
ARSACS as a Worldwide Disease: Novel SACS Mutations Identified in a Consanguineous Family from the Remote Tribal Jammu and Kashmir Region in India	Kuchay R.A.H., Mir Y.R., Zeng X., Hassan A., Musarrat J., Parwez I., Kernstock C., Traschütz A., Synofzik M.	Cerebellum	2019	72	10	Department of Biotechnology, Baba Ghulam Shah Badshah University, Rajouri, JK 185234, India Department of Genetics, Yale School of Medicine, New Haven, CT, United States Department of Ophthalmology, Government Medical College, Srinagar, JK
Twitter sentiment analysis on Indian government project using R.	Verma P., Khanday A.M.-U.D., Rabani S.T., Mir M.H., Jamwal S.	International Journal of Recent Technology and Engineering	2019	20	7	Department of Computer Sciences, BGSBU, Rajouri, JK, India
Advances in identification of genes involved in autosomal recessive intellectual disability: A brief review	Mir Y.R., Kuchay R.A.H.	Journal of Medical Genetics	2019	170	4	Department of Biotechnology, Baba Ghulam Shah Badshah University, Rajouri, Jammu and Kashmir, 185234, India

DDOS attack detection and handling mechanism in WSN	Dogra A., Kaur T.	International Journal of Recent Technology and Engineering	2019	20	Nil	Department of Computer Science and Engineering at SoET, BGSB University Rajouri (JK), India Department of Computer Science and Engineering, Guru Nanak Dev University, R/C Gurdaspur, India
Detecting intrusion with high accuracy: Using hybrid K-Multi layer perceptron	Dogra A., Taqdir	International Journal of Recent Technology and Engineering	2019	20	Nil	Department of Computer Science and Engineering, SoET, BGSB University Rajouri (JK), India Department of Computer Science and Engineering, Guru Nanak Dev University, R/C Gurdaspur, India
Solving a variational inclusion problem with its corresponding resolvent equation problem	Ahmad R., Iqbal J., Ahmed S., Husain S.	Nonlinear Functional Analysis and Applications	2019	6	2	Department of Mathematics, Aligarh Muslim University, Aligarh, 202002, India Department

involving XOR-operation						of Mathematical Sciences, Baba Ghulam Shah Badshah University-Rajouri, Jammu and Kashmir, 185234, India
Issues and challenges in DNS based botnet detection: A survey	Singh M., Singh M., Kaur S.	Computers and Security	2019	92	16	Computer Science and Engineering Department, Thapar University, Patiala, Punjab, India Department of Information Technology and Engineering, Baba Ghulam Shah Badshah University, Rajouri, India
Effective Inhibition of Phytopathogenic Microbes by Eco-Friendly Leaf Extract Mediated Silver Nanoparticles (AgNPs)	Haroon M., Zaidi A., Ahmed B., Rizvi A., Khan M.S., Musarrat J.	Indian Journal of Microbiology	2019	46	12	Department of Agricultural Microbiology, Faculty of Agriculture Sciences, Aligarh Muslim University, Aligarh, India School of Biosciences and Biodiversity, Baba Ghulam Shah

						Badshah University, Rajouri, Jammu and Kashmir, India
Changes in vegetation cover and soil intrinsic properties influence the soil bacterial community composition and diversity across different climatic regions of India	Dinakaran J., Vikram K., Hanief M., Bidalia A., Tambat S., Rao K.S.	Vegetos	2019	9	Nil	Natural Resource Management Laboratory, Department of Botany, University of Delhi (North Campus), Delhi, 110007, India Department of Botany, BGSB University, Rajouri, JK 185234, India Bionivid, 209, 4th Cross Rd, B Channasandra, East of NGEF Layo
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3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	20	38	2	16
Presented papers	27	26	Nil	Nil
Resource persons	1	6	Nil	Nil
View File				

3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultant(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Nil	Nil	Nil	0
View File			

3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
Nil	Nil	Nil	0	0
View File				

3.6 – Extension Activities

3.6.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Induction Programme on Pollution Awareness and Control	Department of Management Studies in collaboration with NSS wing of BGSB University, Rajouri	8	50
Eco Friendly Diwali	Department of Information Technology	6	12
Visit to Local School	NSS Unit BGSBU	4	10
Promoting Humanitarian Principles and Values	Department of Electronics and Communication Engineering, BGSBU and Red Cross Society	1	60
View File			

3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Nil	Nil	Nil	Nil
View File			

3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Swachh Bharat Abhiyan	Department of Electronics and Communication Engineering, BGSBU and NSS, BGSBU	Cleanliness Drive	12	49
Swachh Bharat Abhiyan	Department of Electronics and Communication	Go Green Drive	12	42

	Engineering, BGSBU and NSS, BGSBU			
Swachh Bharat Abhiyan	Department of Electronics and Communication Engineering, BGSBU and NSS, BGSBU	Greener Campus	12	20
Woman Empowerment	Department of English	One Day Seminar on Women Empowerment	3	60
Empower girls, empower future	Department of Information Technology	Gender Issues	20	50
View File				

3.7 – Collaborations

3.7.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Collaborative RD Project	Dr. Tanveer ul Hassan, Department of Biotechnology, BGSBU & Dr. Anzar A Kharoo, Department of Botany, University of Kashmir	DBT	1068
Collaborative RD Project	Dr. Tanveer ul Hassan, Department of Biotechnology, BGSBU 2. Prof. Shalindra Goel, Department of Botany, University of Delhi 3. Dr. Arun Chatri, Department of Botany, Sikkim University	DBT	1068
Collaborative RD Project	1. Dr. Vipin Kakkar, Shri Mata Vaishno Devi University, Katra; 2. Dr. Firdous Ahmad, Cluster University, Srinagar	NPIU, Ministry of Education, Govt of India and The World Bank	635
Joint Collaborative Publication	1. Suhaib Ahmed, Majid Irfan Baba, Naira Nafees - BGSBU Rajouri; 2. Soha Maqbool Bhat -	NPIU, Ministry of Education, Govt of India and The World Bank	365

	Shri Mata Vaishno Devi University, Katra; 3. Insha Manzoor - Jamia Millia Islamia, Delhi; 4. Seok Bum Ko - University of Saskatchewan, Canada		
Joint Collaborative Publication	1. Suhaib Ahmed - BGSBU, Rajouri; 2. Marshal Raj, Lakshminarayanan Gopalakrishnan - National Institute of Technology, Tiruchirappalli, Tamil Nadu	Funded by SMDP-C2SD and DST-FIST Scheme at NIT Tiruchirappalli, Tamil Nadu	150
Laboratory investigation of spurs as a bank protection counter measures in meandering channel, Minor Research Project	Mr. Saad Ullah, Department of CE, BGSBU and Prof. A. K. Barbhuiya, Dr. Susmita Ghosh, NIT SILCHAR	NPIU	365
Research, (Genetic Diversity of Scanty Available Himalayan Saussurea obvallata (DC.) Edgew.)	Dr. Susheel Verma with Prabhaka Semal, Department of Biotechnology, Graphic Era University, Dehradun	Institutional	365
Research, (Physiological, Biochemical and Reproductive Studies on Valeriana wallichii, a Critically Endangered Medicinal Plant of the Himalayan Region Grown under In-Situ and Ex-Situ Conditions)	Dr. Mohd Asgher with Dr. Dhiraj Vyas, Scientist, IIIM, Jammua	Institutional	365
Research, (Nitric oxide-mediated regulation of oxidative stress in plants under metal stress: a review on molecular and biochemical aspects)	Dr. Mohd. Asgher with Dr. Anket Sharma, Postdoc, University of Maryland, USA	Institutional	365

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3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
On Job Training	Summer Training	JK Bank	01/06/2020	15/07/2020	Aquib Nabi
On Job Training	Summer Training	JK Bank	01/06/2020	15/07/2020	Mohd. Umar Reshi
On Job Training	Summer Training	JK Bank	01/06/2020	15/07/2020	Mirza Tajamul Ashraf
On Job Training	Summer Training	JK Bank	01/06/2020	15/07/2020	Tazeem Elahi
Internship	Broadband, OFC media	BSNL	01/06/2020	30/06/2020	Moin Khan

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3.7.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
PIE Infocomm Pvt. Ltd.	01/10/2019	Training and placement of students	50

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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
1169.15	701.56

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Laboratories	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added

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4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
KOHA	Fully	19	2018
SOUL	Fully	2	2013

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	39849	32195644	Nil	Nil	39849	32195644
Reference Books	295	364531	Nil	Nil	295	364531
e-Books	Nil	Nil	Nil	Nil	Nil	Nil
Journals	85	250000	Nil	Nil	85	250000
e-Journals	Nil	Nil	Nil	Nil	Nil	Nil
Digital Database	Nil	Nil	Nil	Nil	Nil	Nil
CD & Video	2621	Nil	69	Nil	2690	Nil
Others (specify)	163	65757	Nil	Nil	163	65757

[View File](#)

4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
NIL	NIL	NIL	Nil

[View File](#)

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	457	17	457	1	1	38	21	1000	0
Added	2	0	2	0	0	0	0	0	0
Total	459	17	459	1	1	38	21	1000	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

1000 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Smart class recording facility	http://www.bgsbu.ac.in/etutorial1.aspx

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
402.46	138.17	765.6	105.7

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

1. The University has well established Engineering Wing headed by an Executive Engineer supported by other Officers including 01 AE (Civil.), Junior Engineer (2 Civil and 1 electrical), 03 Draftsmen and other supporting staff for overseeing the maintenance of buildings, classrooms and laboratories. In addition, they also oversee to the construction of new buildings in the Campus. Every year budget kept for university maintenance is being utilized appropriately for proper care of the Campus. 2. The Building and Works Committee and Project Monitoring Committee of the University look into the matter related to new and works in process regularly. 3. Annual Maintenance Contract: The University is also engaging various agencies under the Annual Maintenance Contract to maintain the equipment such as Photocopier, Generator Sets, motors, Online UPS, Lab Equipments, and Water Purifiers. University has a system of an online complaint registration system for the engineering wing and other facilities. 4. The Swachh Bharat Abhiyan Wing of the University is responsible for maintaining cleanliness and hygiene. The same wing does the daily cleanliness of Central Offices, Departments, Hostels, Laboratories, Libraries, Classrooms, Conference Halls, and other facilities. 5. The Provosts (Men Women) take care of the maintenance of University hostels, and the University Hygiene Committee is responsible for maintaining proper hygiene in canteens. 6. The Chief Medical Officer, Health Centre, looks after the medical facilities of the Universities. 7. The Central Library System consists of Central Library and Departmental Libraries. The libraries are well-organized and maintained by more than 15 professionals and other staff under the directorship of the University Librarian. 8. Central Instrumentation Centre and CITES take care of maintaining the ICT infrastructure at the University, including Networking, E-Governance, computer labs, Internet facility, LAN connectivity, Wi-Fi connectivity, Websites, Hardware and Software systems, cyber roam, Remote Access and Smart Classrooms. 9. The Arboriculturist Landscaping in Incharge of the University is responsible for maintaining the various lawn and planting new ones wherever required. In addition, seasonal flower plants are also grown every year to beautify the Campus, and nameplates are also placed on trees/plants in prominent areas. 10. The Deputy Director of Physical Education and Sports looks after the Universitys sports facilities like playgrounds for games like football, volleyball, baseball, cricket, Gymnasium, Yoga Centre, sports equipment, etc. 11. Estates Section is responsible for maintaining the Auditorium, Conference and Seminar halls of the University. 12. The Chief Proctor is responsible for the security and safety of all stakeholders of the University. Besides, he is responsible for proper parking and the maintenance of law and order on the Campus and liaison with the District Administration. 13. The Grievance Cell of the University addresses the

grievances of teachers, staff, scholars and students. 14. The Public Information Officer takes care of the RTI applications filed by the citizens. 15. The Media Advisor is responsible for all print and e-media coverage of the University academic / extracurricular events and maintaining liaison with Press Club for Media-Academic interactions and relationships.

http://www.bgsbu.ac.in/IQAC/4.4.2_PPMUPASF2019-20.pdf

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Assistantship to Ph.D.. and MPhil Scholars	30	848700
Financial Support from Other Sources			
a) National	Moulana azad Scholarship, CSIR, NMHS, Directorate of Tribal Affairs Govt. of JK, Ministry of Minority Affairs, State Advisory Board for Development of Pahari Speaking People and Social welfare department JK	643	12650640
b) International	0	Nil	0

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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
GATE COACHING	01/09/2019	204	Engineers academy Jaipur
Aptitude Training	15/09/2019	120	Department of Electronics and Communication Engineering, Information Technology Engineering and Civil Engineering
Yoga	21/06/2020	120	Dr. Shreekar Pant, Department of Botany, BGSBU

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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2019	NET coaching	207	Nil	5	Nil
2019	Gate coaching	204	Nil	1	Nil
2019	Career Counselling	Nil	112	Nil	42

[View File](#)

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
1	1	12

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
Pie Inficomm and CINIF Technologies Ltd	167	42	BYJUS and HCL Technologies	22	Nil

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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2020	5	B.A Arabic	Arabic	Baba Ghulam Shah Badshah University Rajouri	M.A Arabic
2020	1	B. Tech	Information Technology and Engineering	Central University Punjab	MTECH CSE
2020	1	B. Tech	Electronics	Desh bhagat	M.Tech ECE

			and Communication Engineering	university	
2020	1	B. Tech	Electronics and Communication Engineering	Regional Institute of Management and Technology University Sirhind Side, Mandi Gobindgarh, Punjab	M.Tech ECE
2020	1	B. Tech	Electronics and Communication Engineering	Regional Institute of Management and Technology University Sirhind Side, Mandi Gobindgarh, Punjab	M.tech (VLSI Design and Embedded Systems)
2020	1	B. Tech	Electronics and Communication Engineering	SMVDU Katra	MBA
2020	1	B. Tech	Electronics and Communication Engineering	VIT vellore	M.Tech ECE
2020	1	B. Tech	Civil Engineering	NIT, Warangal	M.Tech CE
2020	2	B. Tech	Civil Engineering	NIT Hamirpur	M.Tech CE
2020	1	B. Tech	Civil Engineering	IIT Guwhati	M.Tech CE
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
NET	16
SET	5
GATE	2
TOFEL	1
Any Other	1
View File	

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Skit on Women Empowerment	University level	7
Annual Trekking	University level	90
Volleyball(M/W)	University level	120
Cricket(M/W)	University level	330
Football(Men)	University level	88
Basketball(M/W)	University level	130
Tug of war(M/W)	University level	100
Badminton(M/W)	University level	200
Carom(M/W)	University level	110
Table Tennis (M/W)	University level	90
View File		

5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
Nil	Nil	Nil	Nil	Nil	Nil	Nil
View File						

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

1.The University has a Student Council comprising of the representative students of each department, which the Dean of Students monitors. The main body of the Council has two class representatives from each batch of students. The Council meets whenever required and puts forward their genuine concerns before the authorities, which are redressed instantly. The University administration also holds meetings with the Student Council from time to time. 2.The highest level of students' body is 'Students Council' comprising of Hostel Committee, Sports Committee, Cultural Committee and Editorial Committee. 3.The Student Council (SC) ensures involvement of the students of the University in the matters considered relevant to their holistic personality growth and professional development through various activities, not related to their academic programs. The SC provides a policy-making platform for the students with the support of University faculty and authorities. 4.Hostel Committee is a sub-committee of the SC and is responsible for policy formation, coordination and review of all matters relating to the overall management of the hostels. 5.Sports Committee is a sub-committee of SC and is responsible for policy formation, coordination and review of all matters relating to the sports activities of the University. It ensures that adequate facilities are given to the students for games and sports. 6.Cultural Committee is a sub-committee of the SC and is responsible for policy formation, coordination and review of all matters relating to the cultural activities of the University. It ensures that a friendly and encouraging environment is provided to the students for grooming and nurturing their talent by organizing various cultural activities. 7.Editorial Committee is a sub-committee of the SC and is responsible for equitable representation of students in University magazines and University Newsletters. Both University magazine and newsletter have students as associate

editors.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

1. The Alumni members of the University have an autonomous and independent association named as BGSBU Alumni Association (BGSBUAA). It was registered as a body in 2019. 2. Within a short period of its existence, the alumni members of BGSBU have joined hands to form an Alumni Association enrolling various pass-out students as its member. It now has a substantial number and is spread in every walk of life, including bureaucrats - IAS, IPS, KAS, defense personnel, Directors of the companies, Entrepreneurs, Scientists, professionals, etc. 3. Alumni of the University have played a pivotal role in encouraging students, especially their family and friends, to consider their University as the provider of higher education. Alumni of Baba Ghulam Shah Badshah University has been the brand ambassadors of the University that are involved actively in student admission efforts made by the faculties of the University. 4. The university alumni support the students by mentoring them on their career opportunities in the industry and opening channels for the students for acceptance, either in undergoing practical learning or work experience in the institutions where the alumni are working. 5. The university alumni, on various occasions, interact with the students through extension programs or invited lectures and share their valuable experience and information with them. 6. The association has the following objectives: To strengthen and building lifelong bonds of kinship with the University To encourage the mutual understanding and support of the members. To have a platform of dialogue between the members and the university community. To sponsor social and professional activities of the Alumni Association. To promote communication, promote fundraising within the association for social and community development.

5.4.2 – No. of registered Alumni:

150

5.4.3 – Alumni contribution during the year (in Rupees) :

0

5.4.4 – Meetings/activities organized by Alumni Association :

An online meeting of the executive body of BGSBUAA along with the pass outs of the first batch of BGSBU was held under the chairmanship of the president on 04-04-2020. Following was discussed An online meeting of the executive body of the BGSBU Alumni Association along with the pass outs of the first batch of BGSBU, was held under the chairmanship of the president on 04-04-2020. The main agenda of the meeting was covid-19 crisis management. It was resolved that BGSBUAA will play an active role in combating the Corona crisis and help needy people at this moment of national emergency. That BGSBUAA will look for any pass out of BGSBU who needs any help and shall provide the support. That BGSBUAA will help the current students of BGSBU by different means to help them navigate the crisis.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

The University has been consistently moving towards decentralization of responsibilities and activities to enable better management of resources and

smooth and timely conduct of activities. Decentralization and participative management also distribute equal burden among the stakeholders, without overburdening a particular member. The two practices followed for decentralization and participative management in University are the constitution of the Departmental Purchase committee and the Departmental Admission Committee. The departmental purchase committee comprises three faculty members in every department, the coordinator/head, representative of finance officer under the chairman of the dean of the school, and the principal Investigators (if any). This Committee oversees the entire process of purchases made by the departments or by the Principal Investigator and ensures that all the purchases were made by following all codal formalities. The Departmental Admission Committee, comprising of selected faculty members, coordinator/head under the chairmanship of the dean of the school, has the responsibility to conduct the entire Admission process in a fair, transparent, and efficient manner. This Committee is responsible for Initial scrutiny of forms, conducting the entrance examination, evaluation and then conducting the admissions, strictly based on merit.

6.1.2 – Does the institution have a Management Information System (MIS)?

Partial

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Curriculum Development	<p>Periodical revision of the syllabi has been in practice. The Boards of Studies include external and internal experts and representatives of stakeholders. Finally, the curriculum is implemented with the approval of the Academic Council. Curriculum development is aimed to create positive changes in the educational system. Course Outcomes are mapped with Programme outcomes and Programme Specific outcomes. The guidelines of national and state-level academic and regulatory bodies (UGC, NCI, and AICTE) are taken into consideration. Value Added Courses and Experiential learning to acquire adequate knowledge and skills are made part of the curriculum.</p>
Teaching and Learning	<p>The teaching-learning activities are modified, changed and made more student-centric, and employment-oriented with every passing day. Students are provided with study material as a ready reckoner. University has started giving e-content of the study material and various possible things. At regular intervals, all the university departments conduct workshops, seminars, and presentations to improve the soft skills among students. Assignments, field project, are given to students. Apart from the regular</p>

activities, motivational sessions and counselling sessions are conducted to boost the morale of the students and the faculty. Coaching facility for various competitive examinations is provided by the experts.

Examination and Evaluation

The University has introduced table Marking in B.Tech. Examinations to ensure speedy declaration of results without any delay. Internal tests are based on assignment/ report writing/ seminar presentation besides the written tests. The answer scripts of internal tests are shown to the students for redressal of any grievance. Re-evaluation is available to all candidates to ensure objectivity and transparency in the evaluation system. Through RTI, the students can get a copy of their evaluated Answer-script to go through the Answer-script for their satisfaction.

Research and Development

Research and development are directed towards innovation and improvement over the existing things. The School of Engineering Technology has been sanctioned World Bank, and MHRD funded TEQIP grant worth Rs. 10 crores. This has led to the up-gradation of the existing laboratories and establishing new laboratories equipped with all the modern facilities. Various promotional strategies have been introduced, such as the Best Researcher award both for Science and Humanities streams carrying a dedicated research grant of Rs. 2 lacs each to motivate the culture of research amongst the faculty members. The University announced the Annual Best Innovator Award for students and teachers to promote the setting up of Start-Ups. The University has already established an Innovation Cell, Start-up Cell, Tinkering Lab to facilitate students and the faculties to translate the novel ideas into a workable prototype. The University provides scholarships to toppers of M.Phil. and PhD programmes to motivate and boost young researchers. Expectedly, all this has resulted in the spurt of publications of research papers, book chapters and books by the faculty and scholars in Scopus and Web of Science indexed journals and reputed Publishing houses. The faculties have already generated research grants worth crores

	<p>from various R and D agencies in the last few years.</p>
<p>Library, ICT and Physical Infrastructure / Instrumentation</p>	<p>The University has one Central Library, several Departmental and College Libraries equipped with online educational resources. The Central Library has a collection of over 45000 documents, 708 back volumes of journals, 2000 CD documents, 2164 project reports, and 90 Theses/Dissertations. The Library is automated and provides access to e-resources like e-Shodhsindhu, National Digital Library, NDL resources, IEEE e-journals, e-thesis through Shodhganga, DELNET and databases like ISID, JCCC and JSTOR. University has boys and girls hostel for accommodation of students and scholars. Banks and Post office services are at the footsteps of the students. Transportation amenities are provided to the students. Many more facilities are given to students such as Canteen, which provides Tea and Snacks at fixed rates, Health Center, the Cooperative Society, Gym facility, a yoga centre, huge playground, and a Wi-Fi facility.</p>
<p>Human Resource Management</p>	<p>Teachers are promoted to attend various training programs such as Orientation, refresher courses, faculty development programmes, short term courses, etc. Teachers and Non-teaching staff are motivated to participate in different conference and workshop to keep updated and keep pace with the time. University also organises training programs and seminars from time to time to keep teaching and technical staff abreast with new trends.</p>
<p>Industry Interaction / Collaboration</p>	<p>BGSB University always emphasises strong industry-academic linkage for better exposure and employment opportunities for its student. University has taken many initiatives for strengthening Industry-Academic interactions in terms of Innovation cell, TP Cell, etc. Training and Placement Cell of BGSB takes care of Campus placements (On and off-campus). Training and Placement Cell ensures a continuous correspondence with prospective employers through letters, E-mails, Telephones, and personals visits to increase the employment opportunities for its students. The</p>

	<p>placement Officer also visits various industries from time to time and participates in various HR Conclaves/ Summits for networking with prospective employers. Industry experts are regularly invited for interactions with university students.</p>
Admission of Students	<p>The admission starts with the issuance of admission forms by the University. Students in online and offline mode can fill the forms. As part of the protocol, the forms received in the stipulated period are scrutinised by the Departmental Admission Committee (DAC) members, which then issue admit cards to students to appear for entrance examination for securing admission to the said programme. The students are admitted as per merit in the written exam and are given introductory sessions to orient them for different University programs. The students are allotted mentors for their proper guidance in semester I, which continues across semesters.</p>

6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
Finance and Accounts	<ul style="list-style-type: none"> • Prior approval of the Finance Committee of the University is sought for major financial decisions. • The goods are procured through Government e-Market. • All payments are now through digital mode (PFMS). • Internal audit, along with the audit by CA, is done regularly. • Accounting Software (Tally) for all financial data and management of accounting records.
Student Admission and Support	<p>The application form for admission is made available to students in online mode. After qualifying examinations, online counselling is provided to the prospective students. Admit Card, all notifications, including the Merit List and Offer letter, are provided online.</p> <p>All fee payments are online using Credit/Debit Cards and Net banking. The candidates can submit their grievances and enquiries online and receive a response quickly.</p>
Administration	<p>The university ERP solution offers centralized online recruitment applications for various posts advertised by the University from time to time. The University uses G-Suite</p>

	<p>for education service. All the employees of the University and research scholars are provided official mail address for communication and circulation of various circulars, orders, office memo etc. The University uses Bulk SMS service. The service is used for communication with students, the university staff for communication and circulation of various circulars, orders , office memo, salary statements, messages, etc.</p>
Examination	<ul style="list-style-type: none"> • Online Student's registration. • Online Hall ticket generation for University selected Entrance Tests. • Development of Result Processing Software. • Marks cards generation. • Availability of information and results on the University Website. • Establishment of NAD Cell.
Planning and Development	<p>Vision, Mission Statement, and strategic plan are displayed on the Website. Short term and long-term goals are also displayed on the Website and communicated to all. Code of Conduct for various elements of Organization is displayed on Website. An Exclusive Gallery page to display the photos and videos of the events in the University. The Website is wholly designed and maintained in-house.</p>

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	Prof. Iqbal Parwez	International Conference on Digital Pedagogy	NA	19228
2019	Mr. Pervez Alam	International Conference on Moderns Trends in Civil Engineering at Okhla Industrial Area, New Delhi	NA	10882
2019	Mr. Malik Mubasher	one day orientation workshop about SLA	NA	7394

2020	Mr. Nikhil Gupta	workshop on Image Processing, computer vision, machine learning and IOT at DBRAIT Port Blair	NA	7700
2019	Mr. Mohd Rafi Lone	Short Term Course entitled "Introduction to MATLAB held at NIT Srinagar	NA	6150
2019	Mr. Khalil Ahmed	International Workshop on Applied Deep learning at IIT Mandi	NA	11750
2019	Mr. Malik Mubasher	FDP for Improving Teaching, Learning and research competence at Leh-Ladakh organized by ESCI Hyderabad	NA	60820
2019	Mr. Mukesh Kumar	STC on Power System Operation held at IIT Kurukshetra	NA	1500
2019	Mr. Amit Dogra	workshop on web-based MIS at NIT Kurukshetra	NA	4450
2019	Mr. Rashed Qayoom	workshop on web-based MIS at NIT Kurukshetra	NA	3450
View File				

6.3.2 – Number of professional development / administrative training programmes organized by the University for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	FDP on 'Data Science	NA	14/10/2019	18/10/2019	30	Nil

	Using R'					
2019	Two days workshop on technical manuscript preparation with latex(LyX) Under TEQIP 3	NA	29/07/2019	30/07/2019	20	Nil
2019	One week Faculty Development Programme on Neural Networks	NA	03/09/2019	07/09/2019	30	Nil
2019	NA	Hands-On Training on, Open Source Software Linux [Ubuntu] and LibreOffice	28/11/2019	02/12/2019	Nil	33
2020	One Week workshop on "Professional Ethics and Human Values"	NA	15/02/2020	19/02/2020	21	Nil
2019	NA	Workshop on Tina Software for lab technicians	15/09/2019	16/09/2019	Nil	15
2019	Two day workshop on "Technical Scientific Manuscript preparation with LATEX	NA	25/09/2019	26/09/2019	27	Nil
2020	One week workshop on "Design in Power Electronics"	NA	06/02/2020	10/02/2020	31	Nil
2019	Faculty Training	NA	21/09/2019	21/09/2019	83	Nil

	on the Role of IPR in Academic Research					
2019	Faculty Development Programme on Open Source Research Tools	NA	01/12/2019	02/12/2019	20	Nil
View File						

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
1-week online STC on Emerging Trends in Highway Engineering and Infrastructural development	1	23/06/2020	27/06/2020	7
Refresher Course	1	26/05/2020	08/06/2020	21
ICT tools for effective teaching learning	1	11/05/2020	16/05/2020	7
One Week AICTE Training And Learning (ATAL) Academy Online FDP on Data Science	1	20/04/2020	24/04/2020	7
Technical Manuscript Preparation with Latex (LyX) Organized by Baba Ghulam Shah Badshah University, Rajouri	27	25/09/2020	26/09/2020	2
DST sponsored two-week FDP on "Quantum Science and Technology" organized by	11	16/12/2019	30/12/2019	14

School of Material Sciences Nanotechnology, BGSBU				
Faculty Development Programme on Data Science using R recognized by AICTE	1	14/10/2019	18/10/2019	7
Training on Future Skills: Cyber Security at IIT Roorkee	4	10/02/2020	21/02/2020	13
online short-term training program on "Challenges in Grid Integration with Renewable Energy Sources" jointly organized by the National Institute of Technology, Kurukshetra, and Government Engineering College, Bikaner under TEQIP-3: Mentoring/Twinning	1	22/06/2020	26/06/2020	7
Online Faculty Development Programme on "Power Electronics Application in Smart Grid - Recent Advances" Organized by the Department of Electrical Electronics Engineering, College of Engineering Roorkee (COER) under the aegis of TEQIP-3,	1	16/06/2020	20/06/2020	7

6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
Nil	Nil	Nil	Nil

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<ul style="list-style-type: none"> • Teaching staff are promoted for self-development programs and higher education. • Career Advancement Scheme (CAS) for teachers. • Group insurance scheme. • Various leaves are available such as Vacation leave, Casual leave, Earned Leaves, Medical leave, Maternity leave and Childcare leave for female staff and Special Casual leave. • Supernumerary seats for Admission under Ward Quota. • Pension for teaching staff. • G.P Fund Advance • Gratuity is applicable to every staff after five year of permanent service. • Encashment of Earn leave at the end of service. • An equipped Medical Centre with Doctor, Paramedical staff, Pharmacy and dedicated ambulance is available in campus. • The University has created a Welfare Fund from which University staff are helped financially in case of any medical emergency. • Accommodation facility. • Day Care Centre for the wards of University employees established in the Campus. • Transport facility for University employees • Gym for University employees. • Free internet 	<ul style="list-style-type: none"> • Non-teaching staff are promoted for self-development programs and higher education. • Group insurance scheme. • Various leaves are available such as Vacation leave, Casual leave, Earned Leaves, Medical leave, Maternity leave and Childcare leave for female staff and Special Casual leave. • Supernumerary seats for Admission under Ward Quota. • Pension for non-teaching staff. • G.P Fund Advance. • Gratuity is applicable to every staff after five year of permanent service. • Encashment of Earn leave at the end of service. • An equipped Medical Centre with Doctor, Paramedical staff, Pharmacy and dedicated ambulance is available in campus. • The University has created a Welfare Fund from which University staff are helped financially in case of any medical emergency. • Accommodation facility. • Day Care Centre for the wards of University employees established in the Campus. • Transport facility for University employees. • Gym for teaching and non-teaching staff. • Free internet connectivity to all University employees. 	<ul style="list-style-type: none"> • Facilities such as Multipurpose Gym (for Boys and Girls separately in Hostels), Badminton Courts, Volleyball Courts, Basketball Courts, Tennis Courts, Football Ground and Cricket Ground. • Transport facility. • Free internet connectivity. • Free services in a University Medical Centre. • Water filters in every school/hostel. • Yoga centre. • Scholarship Scheme for research scholars at time of Admission. • Grievance redressal cell, sexual Harassment Cell and anti-ragging cell.

connectivity to all University employees. • Comfortable Offices Chambers/ Cabins/ Workstations for all teaching and non-teaching staff with desktop, printer and other latest equipment's as per work requirement. • The University has adopted the practice of appreciating the services of both teaching and nonteaching staff every year by giving them awards and appreciation Certificates. • Both teaching and non-teaching staff members can avail the benefit of using the University Guest Houses at Rajouri, Jammu and Srinagar at very nominal charges.

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6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

University has an effective internal Control mechanism under which each document involving financial implications is duly scrutinized. The payment is made only after obtaining the sanction of the Competent Authority. The University, being a State University carries out external audits annually. The University gets funding under CAPEX budget from the State Government and funds under revenue budget by the State/ Government of India. All such account is audited by the Chartered Accountants. The extra-mural research projects sanctioned by various funding agencies of Government of India are also audited as per the funding agency guidelines through the Chartered Accountant. The audit observations are sent to the concerned officers take the necessary measures to rectify the deviations, if any and submit Action Taken Reports.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Auqaf Shashtra Sharief, Thanamandi ,Rajouri	1500000	Annual Contribution from Auqaf Shashtra Sharief
View File		

6.4.3 – Total corpus fund generated

34580000

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority

Academic	No	Nil	No	Nil
Administrative	No	Nil	No	Nil

6.5.2 – What efforts are made by the University to promote autonomy in the affiliated/constituent colleges? (if applicable)

Not Applicable

6.5.3 – Activities and support from the Parent – Teacher Association (at least three)

University does not have Parent - Teacher Association

6.5.4 – Development programmes for support staff (at least three)

1. Hands-On Training on, Open Source Software Linux [Ubuntu] and LibreOffice 2. Workshop on Tina Software for lab technicians 3. Workshop on Advanced Ms Excel Commands

6.5.5 – Post Accreditation initiative(s) (mention at least three)

- Student feedback system has been suitably modified and strengthened to obtain relevant for improving the quality of teaching and learning.
- The Board of Studies (BoS) has been directed to invite special members from the Industry for designing curriculum of courses, wherever required to improve the placements.
- The faculty have been advised to publish at least two papers in Scopus and WOS journals per academic year.
- Strengthening of laboratory facilities and equipment's.

6.5.6 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	No
d) NBA or any other quality audit	No

6.5.7 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	Participation in NIRF	12/11/2019	12/11/2019	29/11/2019	Nil
2019	Participation in AISHE	14/01/2020	14/01/2020	29/06/2020	Nil
2020	Stakeholder feedback	15/01/2020	15/01/2020	20/05/2020	1055
2019	Workshop on Research Publication: Importance of Ethics and Quality	16/11/2019	16/11/2019	16/11/2019	32
2019	Workshop on Advanced Ms Excel Commands	20/11/2019	20/11/2019	20/11/2019	126
2020	Active Learning	20/05/2020	20/05/2020	21/05/2020	108

	Pedagogy for use of ICT in classrooms				
2020	Workshop on Career Anchoring Profiling	14/01/2020	14/01/2020	14/01/2020	39
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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
One Day Seminar on Women Empowerment	22/09/2019	22/09/2019	50	23
Awareness Lecture on the topic "Workshop on Women Empowerment "	20/02/2020	20/02/2020	10	10
Lecture on Beti Bachao "Beti Padhaho"	05/10/2019	05/10/2019	43	21
Screening of Mary Kom	22/11/2019	22/11/2019	50	15
Gender Equality	06/09/2019	06/09/2019	10	7
WOMEN'S DAY CELEBRATION, WOMEN EMPOWERMENT SYMPOSIUM SLIDE PRESENTATION, MONOACT AND QUIZ COMPETITION	08/03/2020	08/03/2020	53	11
Gender Equality and Women's Empowerment	05/11/2019	05/11/2019	29	9
Empowerment Girls empowering Future	08/03/2020	08/03/2020	18	11
Womens Law-women's legal	17/08/2019	18/08/2019	91	37

rights in India				
Gender Equity and Women Safety	20/09/2019	20/09/2019	93	24

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
<p>a. Baba Ghulam Shah Badshah University has installed and commissioned a 100kWp Stand Alone Solar Power Plant sanctioned by the Ministry of New Renewable Energy, Govt. of India. A total number of 418 Solar Photovoltaic modules, each having a capacity of 240Wp, have been utilized for generating 100kWp power. b. LED street lights have been installed within the campus. c. LED lights have been installed in all hostels and all academic blocks. d. There are more than 100 segregated recycling bins on campus for biodegradable and non-biodegradable materials like paper, newspaper, cardboard drop-off and plastic, aluminium cans. e. The University has installed Foodie Bio-Composite Machine F-250 for the processing of all types of organic waste like curry, roti, bread, egg-shells, chicken bones, fish, fish bones, fruits, fruits peels, vegetables, vegetable peels, leftovers of Guest House, Boys Girls Hostels, Shops Quarters etc. f. Incinerators have been installed in Girls Hostel for disposal of Sanitary Napkins. g. The University is moving towards a paperless office and has implemented ERP Software. h. The University operates battery-driven vehicles for ferrying students within the campus. i. Percentage of the power requirement of the University met by the renewable energy sources: 25</p>

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	2
Provision for lift	Yes	Nil
Ramp/Rails	Yes	2
Braille Software/facilities	Yes	Nil
Rest Rooms	Yes	7
Scribes for examination	Yes	Nil
Special skill development for differently abled students	Yes	Nil
Any other similar facility	Yes	Nil

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	1	Nil	07/10/2019	1	Let's Pool for Tomorrow	Conservation of Fuel as U	23

						niversity is located at a far-flung place.	
2020	Nil	1	11/03/2020	1	Community Awareness Activity: Right to Education	To aware the locals about free and compulsory education for children aged 6-14 years.	12
2020	1	Nil	02/12/2020	1	Cleanliness Drive	Sanitation and hygiene	102
2019	1	Nil	15/08/2019	1	Tree Plantation Drive	Environment Conservation	40
2020	Nil	1	21/04/2020	1	Quit Smoking	Health Awareness	30
2019	Nil	1	25/07/2019	1	Digital world	Importance of digitalization , benefit and drawbacks	50
2019	Nil	1	18/08/2019	1	Computer Technologies	Uses of computer in daily life	35
2019	Nil	1	15/09/2019	1	Engineers Day	To Celebrate Engineers day and to discuss the latest technologies in all area of life.	75
2019	Nil	1	23/11/2019	1	Casteism	To Aware masses to remove any kind of discri	46

						mination like caste , religion etc	
2020	1	Nill	18/02/2020	1	Go-Green	Plantation Drive	37
View File							

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Code of Conduct for Teachers	16/07/2019	<p>Every teacher shall:-</p> <p>i. perform his academic duties of teaching, research assessment and invigilation conscientiously and with devotion. ii. be impartial in the assessment of students. iii. carry out decisions of the administrative authorities/bodies of the University. iv. devote his whole time to the service of the university and not, without the prior approval of the Vice-chancellor, accept any work or engage in trade or business likely to interfere with the due performance of his duties: Provided that he may undertake the work relating to University examinations/Public Service Commissions and other literary activities on his own or as may be required by the Regulations of the University. v. not divulge any confidential information relating to the affairs of the University to any unauthorized person. vi. refrain from misuse of official facilities and privileges. vii. refrain from inciting students against students, colleagues or administration. viii. refrain from raising questions of religion,</p>

		caste, creed, race, sex, region or language in his relationship with his colleagues and also refrain from using these for improvement of his prospects.
Code of Conduct for Students	16/07/2019	<p>a. A student is required to maintain discipline and conduct himself within and outside the University in a manner befitting the student at a University of repute. b. He shall show due courtesy and consideration to the employees of the University. c. He shall pay due respect to the teachers of the University and Wardens of the Hostels and shall pay attention and courtesy to the visitors. d. He shall lead a life of earnest endeavor and cooperation.</p> <p>e. A student whose conduct has not been good may be temporarily or permanently debarred from continuing in the University. f. The students shall not convene any meeting in any part of the Campus and no person shall be invited to address any meeting or assemblage without prior permission of the Chief Proctor/Dean of students. g. Students found guilty of breach of discipline shall be liable to punishment as prescribed below:- i. Fine ii. Campus ban iii. Expulsion, or iv. Rustication.</p>

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Role of Teachers in National Integration	05/09/2019	05/09/2019	30
Quit Smoking	17/10/2019	17/10/2019	65

Leadership during crises webinar	03/06/2020	03/06/2020	550
Lecture on Professional Ethics in Engineering	11/11/2019	11/11/2019	65
Lecture on Anatomy Of Habits	21/08/2019	21/08/2019	95
Lecture on World Humanitarian Day	19/09/2019	19/09/2019	41
Poster Competition on Global Ethics Day	21/10/2019	21/10/2019	49
Lecture on Human Rights Day	10/10/2019	10/10/2019	43
International Yoga Day	21/06/2020	21/06/2020	187
Quiz competition on Human Values	20/11/2019	20/11/2019	70
View File			

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. Bicycles Pedestrian-Friendly Roads: University has taken the initiative to make campus Pedestrian friendly and encourage students to use bicycles while commuting within the campus. 2. Public Transportation: The University encourages a University Bus / Pool Vehicle for Staff and Faculty to commute. Further, University operates two eco-friendly carts, running on solar energy to ferry students/faculty within the campus. This has helped to reduce the pollution load which would have been caused by using individual vehicles. 3. Green Transportation: 3. Energy conservation: Use of LED lamps in new lighting fixtures and phase-wise replacement of burnt over lights with LED fixtures is under progress. Solar-powered lamps are in use for street lighting. University has a 100 KW Solar Power Plant to generate Renewable / Green Energy. 4. Plantation: Extensive plantation has been done to beautify the campus and to address environmental issues. University also conducts plantation workshops organised by the Centre for Biodiversity Studies. 5. Plastic-Free Campus: University is committed to protecting the environment and has initiated Plastic-Free Movement. A necessary notification has been issued, and disposable plastic crockery and plastic bags have been banned within the campus. 6. The University had installed 01 No. Foodie Bio-Composite Machine F-250 for the processing of all types and converting it into organic waste. Thereby we contribute to the environment as it reduces waste at the source and recycles waste into compost.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

BEST PRACTICE-I 1. Title of the Best Practice Student Support 2. Objectives of the Practice ? To conduct student orientation programs. ? To provide support in the form of mentorship and counselling so that the students can adjust to the new environment. ? To conduct industry-relevant workshops and guest lectures. ? To conduct remedial classes. ? To provide competitive examination coaching. 3. The Context Student support programs are designed to support the transition and engagement of students and their families to the institution's academic, cultural, and social environment and initiate the process of higher learning. 4. The Practice BGSB University conducts Holistic Development Programmes

throughout the academic year to ensure that the students develop on a personal and professional level. This is facilitated through Mentorship Programs, Parent Teacher Association, Staff Performance, Evaluation Report, an efficient Campus administration, Competitive Examination Coaching and Remedial Classes, Training Placement Cell, Career Counseling, Women's cell, Equal Opportunity Cell, Grievance Cell, Scholarships, and Anti Ragging Cell.

5. Evidence of Success ? Improved student feedback over the past few years. ? Increased level of student placements through the placement cell. ? Extremely efficient student mentoring and counselling system. ? Transparency of the academic, cultural, and social environment of the institution.

6. Problems Encountered and Resources Required ? Handling highly sensitive matters with great discretion. ? Keeping the sessions conducted with students confidential. Resources Required ? Professional counsellors available on campus. ? Able mentors who can guide and support the students to achieve their goals. ? Expert representatives for each student support cell to handle matters with great sensitivity and discretion.

BEST PRACTICE-II

1. Title of the Best Practice Student Diversity 2. Objectives of the Practice ? To create an atmosphere wherein students learn from each other as well as help and encourage each other. ? To ensure that students build social skills such as empathy, understanding and kindness. ? To help in developing the community by providing equal opportunity to all the students.

3. The Context BGSB University follows a policy wherein a mixed crowd of students coexist within the University campus and learn from each other. The institution encourages a system of admission without any bias and has a diverse group consisting of non-traditional learners and first-generation students, quick learners/ academically challenging students, and students from different linguistic, social and cultural backgrounds.

4. The Practice The institution follows a system of admission without any bias. Students from diverse backgrounds, including non-traditional learners, first-generation students, quick learners, academically challenged students, and students from different linguistic, social and cultural backgrounds, are admitted into the University. These students are also provided with necessary support and advancement opportunities.

5. Evidence of Success ? The sheer number of students from diverse sections of society who apply to study in the University. ? The number of students who come from diverse backgrounds and complete their degree and secure placements. ? The number of admissions granted to students irrespective of their backgrounds. ? A diverse college experience encourages students to think of their careers based on a global perspective. ? Diversity contributes to expanding the knowledge base and promotes creative thinking.

6. Problems Encountered and Resources Required ? Creating an atmosphere in which everyone coexists comfortably despite their social and cultural backgrounds. Resources Required ? Financial support and scholarships. ? A solid system of support to ensure that students are adjusting well to the new atmosphere.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<http://www.bgsbu.ac.in/IQAC/BPRAC2019-20.pdf>

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

In line with the University's vision, BGSB University has had a special focus on socio-environmental and ecological issues since the very inception. Treating its unique setting in the lap of the Himalayas as a huge opportunity, one of the areas where the University has made a distinctive contribution is an ecology and environment conservation through research, extension and outreach programmes keeping the societal concerns at its core.

I. Research The University has made significant research contribution in critical environmental

importance areas such as inventorization and germplasm conservation of different biodiversity elements like angiosperms, pteridophytes, lichens, higher fungi, nematodes and insect diversity. The contribution is substantiated not only by the exceptionally high-quality research publications and many projects earned and executed but also by the state-of-the-art infrastructure created. In recognition of such a contribution, 1. Ministry of Environment Forest, GoI sanctioned a unique Mahatma Gandhi Chair on Ecology and Environment, keeping in view the ideology of Mahatma Gandhi on Biodiversity Conservation. 2. Lead Botanic Garden for "Improvement of infrastructural facilities in Pir Panjal Biodiversity Park for ex-situ conservation of endangered and endemic plant species and development of the Botanic Garden of the University as Lead Garden" for northwestern phytogeographic region. Besides, many national projects have been sanctioned in areas such as the recovery of threatened species by preventing their extinction through Biotechnological approaches, studying the impact of climate change on the reproductive behaviour of plants, improving the economic status of STs through the promotion of bio-based practices including mushroom cultivation, floriculture, quail farming, medicinal plant cultivation, apiculture, and Vermicomposting, genetic profiling of threatened taxa including plants, animals and microbes of subtropical, temperate and alpine zones of the region. II. Extension, Outreach and Conservation initiatives The University is engaged in high-quality discourse in terms of research and plays a pivotal role in extension and outreach to various stakeholders. 1. Biodiversity and Environment awareness University celebrates World Environmental Day, International Biodiversity Day, Earth Day and other such events in which respectable members from civil society, various Government organizations and NGOs, students from multiple schools, colleges and different backgrounds participate. Under the extension and outreach programmes adopted and implemented by the University, DNA Clubs in 10 nodal schools across JK were constituted with financial support from the Department of Biotechnology. The purpose of the programme was to catch the students at their early stage of life to opt for a career in science and technology to contribute to societal development. 2. Biodiversity Conservation Along with this, University took initiatives in the restoration of degraded mountains of the area by organizing consistent plantation drives. As a result of these concerted efforts, the University campus has been turned into a green campus. Besides, University established a Pir Panjal Biodiversity Park in a large chunk of land that conserves flora and fauna. The Park is home to several hundreds of documented plants and animal species. With active protection measures, natural regeneration and restoration, a perfect habitat for the representative flora and fauna has emerged.

Provide the weblink of the institution

http://www.bgsbu.ac.in/IOAC/7.3.1_PI1DVPT2019-20.pdf

8.Future Plans of Actions for Next Academic Year

a. Curriculum Design and Delivery: In 2019-20, curriculum development and delivery, especially in technical programmes, moved forward with industrial needs and demands. For the year 2020-21, the institution aims for a more industry-linked employability programme to ensure the curriculum is designed and delivered for industrial needs. Additionally, we look to tie more and more programmes with short-term value-added courses that enable participative and experiential learning. The institution will identify the industrial demand courses and embed them in the curriculum. b. Research and Development: The institution bagged many publication and conference participation in 2019-20. The publications were indexed in SCOPUS, WOS, and other UGC recognised journals. In the upcoming academic year, the institution aims to apply for more Government and non-government grants and is planning to have international collaboration for research and consultancy activities. c. NIRF Ranking: The institution has been

participating in NIRF ranking for the last few years. For the year 2020-21, the institution aims to rank among the top 100 institutions. d. Programmes: The University aims to start new programmes in sciences and social sciences, expanding the bouquet of programmes offered.