

INSTITUTIONAL STRATEGIC PLAN IN LIGHT OF NEP 2020

INSTITUTIONAL BASIC INFORMATION:

Government Degree College Anantnag, one of the largest colleges of northern India, was established in 1950 as an Intermediate College and is spread over an area of 250 kanals. The college after functioning as an Intermediate college for eleven (11) years got the status of Degree College in 1961-62, to cater the academic aspirations of downtrodden and backward people hailing from entire South Kashmir and even Chenab valley. The college was given 2(f) and 12 (B) status by UGC in 1972. After implementation of NCERT pattern (10+02+03) in the state in 1983-1984, the 11th and 12th classes were delinked from the institution. In 1980s IGNOU Study centre (1211) was established in the college. Under the able stewardship of eminent educationists, the college has flourished and distinguished itself as one of the quality education centres and knowledge hub of the valley in the field of Higher Education and is putting in strenuous efforts to improve the academic atmosphere through innovative methods besides maintaining its glorious past. The college is making optimal use of the available resources to keep the pace and live up to the expectations of the society in general and the student community in particular and set up new benchmarks of academic standards. During its existence of more than six decades it has tirelessly produced a vast human resource serving the state in all walks of life. In addition to basic courses, the college runs some vocational courses/certificate courses and has introduced BBA and BMMMC. The efforts are on to bring more diversity in the courses to meet the unending demands of the Society which has also become inevitable in the light of Semesterized Choice Based Credit System (CBCS) that has been introduced as part of the reforms in Higher Education and is in vogue from academic session 2016-17.

The college was Accredited by NAAC first in 2005, 2012 and then in 2021 to evaluate the academic standards of the institution conferring college with B+, A and B+ Grade respectively. In a stride forward, the college was granted the “College with Potential for Excellence” (CPE) status by UGC in April 2016.

The college has adequate teaching and learning facilities in terms of library, number of classrooms, laboratories, computers and browsing centers. The college is self-sufficient and has many physical facilities for students like the audio visual centre, conference hall, auditorium botanical garden, herbal garden, experimental field, museums, hostels, gymnasium, canteen, girl room etc..

The college has 43 classrooms (03- Smart Classrooms, 31- ICT enabled Classrooms and 09-others). There are 10 ICT-enabled laboratories out of the total 25 laboratories which are used by the students for doing practical. There are total 07 computer laboratories in different departments (02-BCA in Computer Applications, 01-GIS Lab in Geography, 01-Language Lab in English, 01-Computing Lab in Statistics, 01-Accounting Lab in Commerce, 01-Computer Simulation Lab in Electronics). The Smart Classrooms and ICT enabled Laboratories/Classrooms provide a digital platform where students are exposed to latest trends in technology enhanced teaching learning process. The interactive modules facilitate to enrich the teaching-learning experience. The college has one of the oldest and finest fully automated library with a huge collection of more than 67,000 titles comprising of text books, reference books and very rare manuscripts. The Library also has a fully functional browsing centre with 10 Mbps Internet connectivity where students can browse and download relevant information/ material at a very fast speed. The students also have Xerox facility available in the library on concession rates. The college has more than 200 computer systems at the disposal of students.

Besides having a Conference Hall, the college also has one of the best state of art Auditorium in the state, where prestigious functions like debates/seminars and cultural activities are organized. This facility is also used to show subject specific documentaries to the students and provides a platform for the students to showcase their talent.

The MMMC department has a well established studio for students to refine their professional skills. Three Museums (01-Geology, 01-Zoology, and 01-Botany) have rich collections of models and specimens. Botanical Garden, Herbal Garden, Experimental Fields are available to the students for field work.

The college has three hostels, of which one is exclusively for girls, with very pristine and clean Dining Halls/Kitchen and spacious enough to accommodate more than 150 students. The students avail this facility on minimum rental charges. The college has well established sports and recreational facilities. Facilities for playing major indoor and outdoor games are available. Gymnasium with latest equipments was established recently. Waterproof tents and other kits for Camping and Trekking are also available. Yoga Centre, Canteen Parks, Girls Common Room are available for resting and recreation. All student support facilities like Medical Aid Centre, Career Counseling Cell, Admission Section, Examination Section, Administrative Section, Grievance Cell etc are also available to facilitate the students. Safe Drinking Water and Multiple Toilet Blocks are available at different locations within the campus.

1. Institutional Identity:

- Name of the Institution: **GOVERNMENT DEGREE COLLEGE ANANTNAG**
- Address: **KHANABAL 192101**
- Year of establishment: **1950**
- Type of Institution: **CO-EDUCATION**
- UGC Affiliation: **YES**
- University Affiliation: **UNIVERSITY OF KASHMIR,SRINAGAR**
- E-mail of Institution: **principal@gdcboysang.ac.in**
- Website: <http://www.gdcboysang.ac.in/index.php>
- Details of Head of the Institution

Name: **PROF. MUZAFFAR AHMAD BHAT**

Phone No: **9419024506**

E-mail Address: **principal@gdcboysang.ac.in**

2. Accreditation/re-accreditation status with details: Cycle /Grade/Date.

CYCLE: 3RD CYCLE GRADE: B⁺ GRADE SCORE: 2.53 Dated: 31-03-2021

3. Institutional Guiding Policies

The college is committed to ensure highest standards in teaching-learning process, and for achieving this goal perspective planning is strategized at the beginning of academic year which is also explained in the Academic Calendar of the College. It is pertinent to mention that the College is affiliated with the Kashmir University and majority of decisions regarding curriculum formulation, examination policies are made by the University. However, there is close Communication between the University authority and the senior faculty of the college, and most often our faculty members participate in the decision-making bodies of the University. The college also has to abide by the directive in respect of strategic planning as proposed by the Higher Education Department of UT of J&K. Within the college, teachers contribute towards strategic plan by incorporating their knowledge and expertise which they attain through various faculty development programmes like orientation, induction and refresher training courses. The college also formulates its strategic planning by getting feedback from various stakeholders including teachers, students, parents, alumni and intellectuals of the society. The college has initiated new strategic plan for upgrading the quality of the

institution as per Vision and Mission of the Institution, feedback received from various quarters, NEP-2020, guidelines from Alumni Association and recommendation of the IQAC. New perspective plan initiated include introduction of new skill course for enhancing employability, promotion of research and innovation, promoting ICT enabled teaching and promoting professional counseling. The initiatives like E-Content development (for various UG semesters), HUB and SPOKE College for various academic and skill courses are some other strategic plans currently in place in our college.

Vision:

“To orient with the realization of the self and equip with the passion for service unto creation”.

● **Mission:**

The mission of the institute lays down broad contours for participatory management and a Comprehensive doctrine of achieving excellence in relation to teaching learning process and overall development of the institute. We have the following mission of the Institute:

- I. To equip the clientele with meaningful skills for an enviable approach to life.
- II. To work in the direction of achieving autonomy with respect to course selection, evaluation and administration.
- III. To keep the academic and the non-academic faculty abreast with the changing trends vis-à-vis professional expertise.
- IV. To create conditions and building infrastructure to enable “the institution with a potential for excellence” to become a deemed university in the near future.
- V. To focus on societal development, research and extension viable to the contemporary issues.

● **Objectives.**

- I. Expand and enhance the capacity of the college in resources and facilities.
- II. Maintain focus on providing a quality education.
- III. Promote an inclusive teaching and learning environment.
- IV. Develop and sustain collaborative projects and partnerships with the community’s educational institutions, businesses, and civic organizations.
- V. Strive for excellence in planning, governance, and communication in institutional effectiveness.
- VI. Provide comprehensive services while promoting equity in supporting student success.

● **Institution’s thrust with respect to implementation of NEP 2020:**

- i. The institution’s thrust with respect to implementation of NEP 2020 is based on the fact that our college has a mission “To work in the direction of achieving autonomy with respect to course selection, evaluation and administration” and the following key points will be achieved in that direction:
 - ii. College will move towards multidisciplinary University.
 - iii. College will provide more multidisciplinary undergraduate education;
 - iv. College will advance towards faculty and institutional autonomy;
 - v. Institution will revamp curriculum, pedagogy, assessment, and student support.
 - vi. Institution will have the edge over faculty integrity and institutional leadership positions.
 - vii. Colleges will develop into a Research centre.
 - viii. College will get autonomy in governance, leadership and management.
 - ix. College will enhance access, equity, and inclusion.

- **In case of need to revisit the institutional vision/mission or objectives in the light of NEP 2020. If yes, write details.**
- **Does college have a handbook on Code of Conduct/Ethics (for Teaching & Non-Teaching Staff and Students).YES**
- **Does Institution have Staff (Teaching & Non-Teaching) and student Welfare schemes.**
The institution has effective welfare schemes for teaching and non-teaching staff and gives it prime importance during the academic calendar. The college considers its all employees as an important human resource and provides healthy working environment which enhance their real potential for the overall development of the college. The various monitory and non-monitory welfare schemes from Union Territory of Jammu & Kashmir are applicable to teaching and non-teaching employees which are finally approved by Department of Higher Education. These welfare schemes include faculty improvement program, maternity and paternity leave, medical insurance, loan facility, child care facility, travel allowance etc. Besides faculty is contributor as well as beneficiary of teacher's welfare fund of the affiliating university. In case of unforeseen happenings to Class IV and local fund paid, college provides financial support out of college local fund.
- **Does the College Conduct Programmes on:**
 - ✓ Gender Equity /Sensitization
 - ✓ Environmental Ethics

YES, College conducted various programmes on Gender Sensitization and Environmental Ethics

B. ACADEMIC INFORMATION OF THE EXISTING PROGRAMMES:

1 a. Intake Capacity and Enrollment Details in different Programmes / Subjects:

S. No.	Programme / Subject	Sanctioned Intake	Number of students in all Semesters		Number Of Sanctioned Posts	Teacher Student Ratio (Programme /Subject wise)	No of Permanent Teachers available in the college for the Programme / Subject	Deficiency Of Teachers, if Any
			M	F				
1.	BCA Hon's	160	159	00	07	1:80	06	04
2.	COMPUTER APPLICATIONS		153	00				
3.	B.SC. IT Hon's	40	26	01	02	1:80	01	02
4.	BBA Hon's	80	176	00	02	1:80	00	03
5.	PG COMMERCE	40	15	14	06	1:80	06	02
6.	B.COM Hon's	240	327	00				
7.	BMMMC Hon's	40	35	15	01	1:80	00	03
8.	B.A ENGLISH Hon's	2000	64	97	13	#1:240	03	10
9.	ENGLISH LITERATURE		75	00				
10.	GENERAL ENGLISH		4864	115				
11.	ARABIC	40	41	00	01	#1:240	01	00

12.	URDU	240	353	00	02	#1:240	02	02
13.	PERSAIN	40	02	00	00	#1:240	01	00
14.	HINDI	40	04	00	00	#1:240	00	01
15.	KASHMIRI	40	12	00	01	#1:240	01	00
16.	BOTANY	240	610	00	07	1:80	05	02
17.	BIOTECHNOLOGY	80	189	01	02	1:80	02	01
18.	ZOOLOGY	240	665	01	07	1:80	06	01
19.	CHEMISTRY	240	518	00	16	1:80	10	00
20.	SERICULTURE	40	101	00	01	1:80	00	02
21.	SEED TECHNOLOGY	40	00	00	01	1:80	02	00
22.	PHYSICS	160	261	00	05	1:80	05	01
23.	MATHEMATICS	240	348	00	04	#1:240	03	01
24.	STATISTICS	160	280	00	02	1:80	01	04
25.	GEOGRAPHY	160	327	00	03	1:80	04	01
26.	GEOLOGY	80	143	00	01	1:80	00	02
27.	ENVIRONMENTAL SCIENCE	2000	1438	47	02	#1:240	01	03
28.	EDUCATION	320	778	00	02	#1:240	02	02
29.	HISTORY	400	1010	00	04	#1:240	02	02
30.	POLITICAL SCIENCE	320	1070	00	03	#1:240	03	01
31.	ECONOMICS	240	511	00	03	#1:240	03	01
32.	ISLAMIC STUDIES	160	299	00	02	#1:240	01	01
33.	SOCIOLOGY	400	1221	00	02	#1:240	01	03
34.	SOCIAL WORK	40	35	00	00	#1:240	00	01

#1:240 = (3*80)=3*1 HOUR =3 HOURS PER DAY;

b. EXISTING OVERALL TEACHER - STUDENT RATIO: 1:48

2. UG/IG/PG Programmes proposed to be offered with course details of each

S.No.	Programs (UG, IG, PG, B.VOC) with Details	Subjects offered	Duration (Years)	Proposed Intake	No. of Credits for Programme	Level/Exit Option at Multiple Exit Points
1.	UG	BCA Hon's	4	50	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
2.	UG	B.SC. IT Hon's	4	50	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
3.	UG	BBA Hon's	4	50	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
4.	PG	PG COMMERCE	2	50	96	NIL
5.	UG	B.COM Hon's	4	50	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research

6.	UG	BMMMC Hon's	4	50	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
7.	UG	B.A ENGLISH Hon's	4	50	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
8.	UG	B.A ARABIC Hon's	4	50	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
9.	UG	B.A URDU Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
10.	UG	B.A PERSAIN Hon's	4	50	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
11.	UG	B.A HINDI Hon's	4	50	196	48 Credits= one year=Certificate Course

						100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
12.	UG	B.A KASHMIRI Hon's	4	50	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
13.	UG	B.SC.BOTANY Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
14.	UG	B.SC.BIOTECHNOLOGY Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
15.	UG	B.SC. ZOOLOGY Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
16.	UG	B.SC. CHEMISTRY Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course

						148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
17.	UG	B.SC. SERICULTURE Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
18.	UG	B.SC.SEED TECHNOLOGY Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
19.	UG	B.SC.PHYSICS Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
20.	UG	B.A/B.SC.MATH EMATICS Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
21.	UG	B.A/B.SC.STATIS TICS Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in

						Hon's 196 Credits=four years= Bachelor in Hon's with Research
22.	UG	B.A/B.SC.GEOGR APHY Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years= Bachelor in Hon's with Research
23.	UG	B.SC. GEOLOGY Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years= Bachelor in Hon's with Research
24.	UG	B.SC. ENVIRONMENT AL SCIENCE Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years= Bachelor in Hon's with Research
25.	UG	B. A EDUCATION Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years= Bachelor in Hon's with Research
26.	UG	B.A HISTORY Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=

						Bachelor in Hon's with Research
27.	UG	B.SC. FOOD SCIENCE Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
28.	UG	B.A POLITICAL SCIENCE Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
29.	UG	B.A ECONOMICS Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
30.	UG	B.A ISLAMIC STUDIES Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
31.	UG	B.A SOCIOLOGY Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research

32.	UG	B.A SOCIAL WORK Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years= Bachelor in Hon's with Research
33.	UG	B.A PUBLIC ADMINSTRATIO N Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years= Bachelor in Hon's with Research
34.	UG	B.A MUSIC Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years= Bachelor in Hon's with Research
35.	UG	B.A PSYCOLOGY Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years= Bachelor in Hon's with Research
36.	UG	B.SC. WATER MANAGEMENT Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years= Bachelor in Hon's with Research

37.	UG	B.SC. BIOCHEMISTRY Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years= Bachelor in Hon's with Research
38.	UG	B.SC. CLINICAL BIOCHEMISTRY Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years= Bachelor in Hon's with Research
39.	PG	PG CHEMISTRY	2	50	96	NIL
40.	PG	MCA	2	50	96	NIL
41.	IG	INTEGRATED B.SC./M.SC IT	5	80	244	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years= Bachelor in Hon's with Research
42.	PG	PG ZOOLOGY	2	50	96	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years= Bachelor in Hon's with Research
43.	PG	PG BOTANY	2	50	96	NIL
44.	PG	PG PHYSICS	2	50	96	NIL
45.	PG	PG ENGLISH	2	50	96	NIL
46.	PG	PG MATHEMATICS	2	50	96	NIL

47.	PG	PG STATISTICS	2	50	96	NIL
48.	PG	PG GEOGRAPHY	2	50	96	NIL
49.	PG	PG POLITICAL SCIENCE	2	50	96	NIL
50.	PG	PG ECONOMICS	2	50	96	NIL
51.	PG	PG HISTORY	2	50	96	NIL
52.	PG	PG URDU	2	50	96	NIL
53.	PG	PG EDUCATION	2	50	96	NIL
54.	PG	PG SOCIOLOGY	2	50	96	NIL
55.	PG	MBA	2	50	96	NIL
56.	B.VOC.	B.VOC. IN SOFTWARE DEVELOPMENT	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years= Bachelor in Hon's with Research

3. Details of ongoing /under process skill courses proposed to be Continued / Introduced

S. No.	Skill Enhancement Course	Nature of Course	Intake Capacity	Students Enrolled		No. of Credits (Proposed)	Available Exit Options (at Levels)
				M	F		
1.	Web Developer	Embedded Skill courses	30	24	00	2+2	Available from 3 rd to 6 th Semester.
2.	Junior Software Developer	Embedded Skill courses	30	00	00	2+2	Available from 3 rd to 6 th Semester.
3.	Seed Production and processing	Embedded Skill courses	30	32	00	2+2	Available from 3 rd to 6 th Semester.
4.	Pharmaceutical Sales Management	Embedded Skill courses	30	00	00	2+2	Available from 3 rd to 6 th Semester.
5.	Welding Technologies	Embedded Skill courses	30	00	00	2+2	Available from 3 rd to 6 th Semester.

4. Faculty Details (EXISTING)

S. No	Faculty Rank	No. of Sanctioned Posts	Subject / Specialization	Filled Positions		Qualification	Vacant Positions
				M	F		
1	Professor	01		01	00		00
2	Associate Professor	117		04	01		46
3	Assistant Professor (Level 3)			04	02		
4	Assistant Professor (Level 2)			06	01		
5	Assistant Professor (Level 1)			46	07		
6	Academic Arrangement / Contractual Teachers	46		30	05		

S. No	Name	Subject	Qualification	Designation
1.	Abdul Hamid Lone	Arabic	M.A	Associate Professor
2.	Mr. Mohd Shafi Parray	Botany	M.SC.	Associate Professor
3.	Mr. Fayaz Ahmad Bhat	Chemistry	M.SC.	Associate Professor
4.	Ms. Mubashira Koul	Chemistry	M.SC.	Associate Professor
5.	Mr. Syed Javid Hussain	Zoology	M.PHIL	Associate Professor
6.	Mr. Shakti Prakash	BCA	MCA	Assistant Professor
7.	Mr. Shabir Ahmad	BCA	MCA	Assistant Professor

	Rather			
8.	Ms. Vahida Akhter	BCA	MCA	Assistant Professor
9.	Mr. Arshad Hussain	BCA	MCA	Assistant Professor
10.	Mr. Ummar Muhammad	BCA	MCA	Assistant Professor
11.	Mr. Sharik Mushtaq	BCA	MCA	Assistant Professor
12.	Ms. Sameena Ismail	Bio-Tech	M.SC.	Assistant Professor
13.	Dr. Minerva Ghani	Bio-Tech	PH.D	Assistant Professor
14.	Dr. Mohd. Sulieman	Botany	PH.D	Assistant Professor
15.	Mr. Bahar Ahmad Mir	Botany	M.SC.	Assistant Professor
16.	Mr. Mir Khusrau	Botany	M.SC.	Assistant Professor
17.	Dr. Waheed Ah Khanday	Chemistry	POST DOC.	Assistant Professor
18.	Mr. Shabir Ahmad Bhat	Chemistry	M.SC.	Assistant Professor
19.	Dr. Niyaz Ahmad Mir	Chemistry	POST DOC.	Assistant Professor
20.	Mr. Gh. Jeelani Teeli	Commerce	M COM	Assistant Professor
21.	Mr. Showkat Hajam	Commerce	M COM	Assistant Professor
22.	Mr. Shahzad Ahmad Bhat	Commerce	M COM	Assistant Professor
23.	Mr. Showkat Ahmad Teli	Commerce	M COM	Assistant Professor
24.	Mr. Ifthikar Bashir	Commerce	M COM	Assistant Professor
25.	Mr. Raja Wiqar Parry	Commerce	M COM	Assistant Professor
26.	Mr. Irshad Ahmad Sheikh	Economics	M.A	Assistant Professor
27.	Mr. Zahid Gulzar Rather	Economics	M.A	Assistant Professor
28.	DR. Kaneez Fatima	Economics	PH.D	Assistant Professor
29.	Dr. Syed Aamir Syeed	English	PH.D	Assistant Professor
30.	Mr. Ishfaq Manzoor	English	M.A	Assistant Professor
31.	Dr. Shabeer Ahmad Taing	English	PH.D	Assistant Professor
32.	Ms. Naik Yaseera	Env. Science	M.PHIL	Assistant Professor
33.	Mr. Nisar Ahmad Kumar	History	M.PHIL	Assistant Professor
34.	Mr. Kowser Ganai	History	M.A	Assistant Professor
35.	Dr. Nazir Ahmad	Islamic Studies	PH.D	Assistant Professor
36.	Mr. Mudasar Ahmad Bhat	Mathematics	M.SC.	Assistant Professor
37.	Mr. Riyaz Ahmad Shah	Mathematics	M.SC.	Assistant Professor

38.	Dr. Parvaiz Ahmad Dar	Physics	PH.D	Assistant Professor
39.	Mr. Muzamil Ahmad Teli	Physics	M.PHIL	Assistant Professor
40.	Dr. Reyaz Ahmad Bhat	Physics	PH.D	Assistant Professor
41.	Dr. Mudasir Hassan Dar	Physics	PH.D	Assistant Professor
42.	Mr. Gazenfur Ali Mir	Persian	M.A	Assistant Professor
43.	Dr. Javaid Ahmad Reshi	Statistics	PH.D	Assistant Professor
44.	Mr. Farooq Ahmad Malik	Pol. Science	M.PHIL	Assistant Professor
45.	Mr. Adil Basher Dar	Pol. Science	M.A	Assistant Professor
46.	Mr. Imtiyaz Ahmad Bhat	Pol. Science	M.A	Assistant Professor
47.	Dr. Azad Hussain Khan	Seed Tech.	PH.D	Assistant Professor
48.	Dr. Bilal Ahmad Wani	Seed Tech.	PH.D	Assistant Professor
49.	Dr. Shahzad Ahmad Wani	Sociology	PH.D	Assistant Professor
50.	Dr. Sabzar Ahmad Dar	Zoology	PH.D	Assistant Professor
51.	Mr. Asif Ahmad Kamgar	Zoology	M.A	Assistant Professor
52.	Dr. Peerzada Mushtaq	Zoology	PH.D	Assistant Professor
53.	Dr. Umar Rashid Zargar	Zoology	PH.D	Assistant Professor
54.	Dr. Shabir Ahmad Wani	Zoology	PH.D	Assistant Professor
55.	Dr. Nuzhat Jabeen	Botany	PH.D	Assistant Professor
56.	Dr. Bashir Shaingojray	Chemistry	PH.D	Assistant Professor
57.	Dr. Ferooze Rafiqi	Chemistry	PH.D	Assistant Professor
58.	Mr. Raveed Yousf Bhat	Chemistry	M.SC	Assistant Professor
59.	Syed Zeenat Khurshid	Chemistry	M.SC.	Assistant Professor
60.	Dr. Tanveer Ahmad	Education	PH.D	Assistant Professor
61.	Dr. Rafiq Ahmad Hajam	Geography	PH.D	Assistant Professor
62.	Dr. Mohammad Iqbal	Geography	PH.D	Assistant Professor
63.	Mr. Mohammad Arif	Geography	M.SC.	Assistant Professor
64.	Mr. Altaf Hussain Mir	Geography	M.SC.	Assistant Professor
65.	Mr. Imtiyaz Ahmad Lone	Kashmiri	M.PHIL	Assistant Professor
66.	Ms. Masroofa Qadir	Urdu	M.A	Assistant Professor
67.	Ms. Yasmeena Yosuf	Urdu	M.A	Assistant Professor
68.	Dr. Tajali Sahar	Biotechnology	Ph.D	Contractual Lecturer-Academic Arrangement
69.	Dr. Aabid Babi	BMMMC	Ph.D	Contractual Lecturer-Academic Arrangement

70.	Dr. Mubashir Ahmad Ganie	BMMMC	Ph.D	Contractual Lecturer-Academic Arrangement
71.	Dr. Arif Bashir Wani	Botany	Ph.D	Contractual Lecturer-Academic Arrangement
72.	Dr. Rabiya Majeed	Clinical Biochemistry	Ph.D	Contractual Lecturer-Academic Arrangement
73.	Sajad Ahmad Ganie	Computer Sciences	MCA	Contractual Lecturer-Academic Arrangement
74.	Dr. Alina	Disaster Management	Ph.D	Contractual Lecturer-Academic Arrangement
75.	Zahid Ahmad Dar	Disaster Management	Ph.D	Contractual Lecturer-Academic Arrangement
76.	Dr. Nawaz Ahmad Mir	Education	Ph.D	Contractual Lecturer-Academic Arrangement
77.	Mubashir Ahmad	Electronics	Ph.D	Contractual Lecturer-Academic Arrangement
78.	Dr. Dharvashi Sheikh	Electronics	Ph.D	Contractual Lecturer-Academic Arrangement
79.	Dr. Parvaiz Ahmad Bhat	English	Ph.D	Contractual Lecturer-Academic Arrangement
80.	Dr. Showkat Ahmad Itoo	English	Ph.D	Contractual Lecturer-Academic Arrangement
81.	Dr. Arif Mohd Shah	English	Ph.D	Contractual Lecturer-Academic Arrangement
82.	Dr. Sartaj Ahmad Bhat	Environmental Science	Ph.D	Contractual Lecturer-Academic Arrangement
83.	Dr. Bilal Ahmad Bhat	Geology	Ph.D	Contractual Lecturer-Academic Arrangement
84.	Dr. Mohammad Sabzar Malik	Geology	Ph.D	Contractual Lecturer-Academic Arrangement
85.	Shahid Nabi Wani	History	Ph.D	Contractual Lecturer-Academic Arrangement
86.	Dr. Sameer Ahmad Bhat	History	Ph.D	Contractual Lecturer-Academic Arrangement
87.	Aejaz Ahmad Kuchey	History	M.SC/NET	Contractual Lecturer-Academic Arrangement
88.	Dr. Firasath Nabi	Information Technology	Ph.D	Contractual Lecturer-Academic Arrangement
89.	Dr. Majidah Noorani	Islamic Studies	Ph.D	Contractual Lecturer-Academic Arrangement
90.	Dr. Bashir Ahmad Dar	Mathematics	Ph.D	Contractual Lecturer-Academic Arrangement
91.	Ishfaq Ahmad Dar	Sericulture	M.SC.	Contractual Lecturer-Academic Arrangement

92.	Dr. Mohd Ishaq Bhat	Sociology	Ph.D	Contractual Lecturer-Academic Arrangement
93.	Dr. Hilal Ahmad Lone	Statistics	Ph.D	Contractual Lecturer-Academic Arrangement
94.	Dr. Sabzar Ahmad Mir	Statistics	Ph.D	Contractual Lecturer-Academic Arrangement
95.	Dr. Syed Adil Farooq	Statistics	Ph.D	Contractual Lecturer-Academic Arrangement
96.	Ab Latif Wani	Zoology	Ph.D	Contractual Lecturer-Academic Arrangement

5. Institutional revenue generation

- IRG from students' fee and other charges per year: **1 crore 42 lakhs per year.**
- IRG from externally funded R&D projects, consultancies, if any.: **NIL**
- Donations from Alumni etc. : **Rs 36,943/-**

6. Research Profile of the Institution / Faculty

- **Research Activities (Projects)**

Title of the Project	Year of Sanction	Major/ Minor/ Other	Research Area	Status		Funding Agency	Amount		Faculty involved (with Name, Qualification/s of PI/CoPI)
				Completed	Ongoing		Allocated	Received	
	2016	Major	Physics	Completed		SERB	25.41 Lakhs	18.75 Lakhs	Dr. Riyaz Ahmad Bhat, Ph.D, PI
	2022	Major	Chemistry		ongoing	DST			Dr. Niyaz Ahmad Post Doc. PI

- Percentage of Faculty with Doctoral degrees: **36%**
- **Research Profile : Selected Research Publications w.e.f 2016-2022**
<https://scholar.google.co.in/citations?user=YqOZRpkAAAAJ&hl=en>
Govt Degree College Anantnag
Jammu and Kashmir Higher Education Department
[Interdisciplinary](#)

	All	Since 2017
<u>Citations</u>	7049	5550
<u>h-index</u>	41	37
<u>i10-index</u>	152	118

**Research publications of Faculty in Indian refereed journals:
Research publications of faculty in International refereed journals:
Faculty contributions as Author of books/Book Chapters:**

S.NO.	<u>TITLE</u>	CITED	YEAR
1.	<u>Continuous biodiesel production: A review of advances in catalysis, microfluidic and cavitation reactors</u> JA Okolie, JI Escobar, G Umenweke, W Khanday, PU Okoye Fuel 307, 121821	<u>2</u>	2022
2.	<u>Microporous Erionite-activated Carbon Composite From Oil Palm Ash for Doxycycline Antibiotic Removal</u> WA Khanday, SA Khanday, MA Shah, M Danish, PU Okoye Environmental Processes 8 (4), 1501-1515		2021
3.	<u>Novel green adsorbents for removal of aniline from industrial effluents: A review</u> S Ghosh, A Malloum, C Bornman, A Othmani, C Osagie, ZK Esfahani, Journal of Molecular Liquids, 118167		2021
4.	<u>Parameter Estimation of Weighted Maxwell-Boltzmann Distribution Using Simulated and Real Life Data Sets</u> JA Reshi, BA Para, SA Bhat Adaptive Filtering-Recent Advances and Practical Implementation		2021
5.	<u>The Industrial Research and Development Profile of the MSME s Sector in India</u> M Majeed, JI Khan, SO Mushtaq, ZG Rather SEDME (Small Enterprises Development, Management & Extension Journal ...		2021
6.	<u>Bayesian Analysis of Weighted Boltzmann Maxwell Distribution; a Simulation Study</u> M Jallal, JA Reshi, R Tripathi		2021
7.	<u>Application of erionite as an adsorbent for Cd²⁺, Cu²⁺, and Pb²⁺ ions in water</u> WA Khandaya, SA Khandayb, M Danishc DESALINATION AND WATER TREATMENT 205, 328-335		2020
8.	<u>Individualizing Pharmacotherapeutic Approach in the Treatments of Episodic and Chronic Migraine</u> M Banday, M Wani, B Para, S Qureshi International Journal 3 (6), 33		2020
9.	<u>Seasonal and periodic rhythmicity of respiratory infections in small ruminants</u> Muheet, HU Malik, OR Parray, RA Bhat, MI Yatoo Biological Rhythm Research 51 (7), 1066-1074	<u>4</u>	2020
10.	<u>WEIGHTED GAMMA-PARETO DISTRIBUTION AND ITS APPLICATION.</u>		2020

	AA Dar, A Ahmed, JA Reshi Pakistan Journal of Statistics 36 (4)		
11.	<u>Poisson Weighted Ishita Distribution: Model for Analysis of Over-Dispersed Medical Count Data</u> BA Para, TR Jan Statistics in Transition New Series 21 (3), 171-184		2020
12.	<u>Impact of trigger factors on clinical profile of migraine patients</u> MS Bandy, M Wani, BA Para, S Qureshi International Journal of Basic & Clinical Pharmacology 9 (8), 1191		2020
13.	<u>Recent Advances in Gold Complexes as Anticancer Agents</u> MN Lone, GN Yattoo, JA Bandy, IA Wani Advances in Metallodrugs: Preparation and Applications in Medicinal ...		2020
14.	<u>Box-Behnken optimization of glycerol transesterification reaction to glycerol carbonate over calcined oil palm fuel ash derived catalyst</u> PU Okoye, S Wang, WA Khanday, S Li, T Tang, L Zhang Renewable Energy 146, 2676-2687	<u>17</u>	2020
15.	<u>An alternative to ratio and product type estimators of finite population mean in double sampling for stratification</u> HA Lone, R Tailor, M Verma Journal of The Indian Society of Agricultural Statistics 74 (1), 63-68	<u>2</u>	2020
16.	<u>Poisson Xgamma distribution: A discrete model for count data analysis</u> BA Para, TR Jan, HS Bakouch Model Assisted Statistics and Applications 15 (2), 139-151	<u>2</u>	2020
17.	<u>Molecular characterization and immunodiagnosics of <i>Dicrocoelium dendriticum</i> species isolated from sheep of north-west Himalayan region</u> JS Dar, U Shabir, SA Dar, BA Ganai Journal of Helminthology 94	<u>1</u>	2020
18.	<u>Click chemistry inspired facile synthesis and bioevaluation of novel triazolyl analogs of D-(+)-pinitol</u> KA Bhat, SH Lone, FA Malik Arabian Journal of Chemistry 12 (8), 3479-3489	<u>4</u>	2019
19.	<u>Comparative evaluation of different therapeutic protocols for contagious caprine pleuropneumonia in Himalayan Pashmina goats</u> MI Yattoo, OR Parray, M Mir, RA Bhat, HU Malik, S Qureshi, MS Mir, ... Tropical animal health and production 51 (8), 2127-2137	<u>4</u>	2019

20.	<u>Nanocomposites in Environmental Engineering</u> MN Lone, IA Wani Composites for Environmental Engineering, 263-318		2019
21.	<u>On three parameter discrete generalized inverse Weibull distribution: properties and applications</u> BA Para, TR Jan Annals of Data Science 6 (3), 549-570	<u>1</u>	2019
22.	<u>H/BETA Zeolite mediated synthesis of t-butyl carbazate based Schiff bases. A versatile catalyst for the synthesis of highly functionalized imines</u> MA Bhat, MA Mir, SH Lone, SA Majid, RA Bhat, SK Srivastava Journal of Porous Materials 26 (3), 687-692	<u>1</u>	2019
23.	<u>Single-step pyrolysis of phosphoric acid-activated chitin for efficient adsorption of cephalexin antibiotic</u> WA Khanday, MJ Ahmed, PU Okoye, EH Hummadi, BH Hameed Bioresource technology 280, 255-259	<u>30</u>	2019
24.	<u>Particle Transverse Momentum Distributions in pp Collisions at TeV</u> I Bashir, RA Parra, RA Bhat, S Uddin Advances in High Energy Physics 2019	<u>7</u>	2019
25.	<u>Bayesian inference of Ailamujia distribution using different loss functions</u> JA Reshi, A Ahmad, SP Ahmad Bayesian Analysis and Reliability Estimation of Generalized Probability ...	<u>3</u>	2019
26.	<u>Synthesis, spectral characterization, crystallographic analysis, DFT studies, bioevaluation and anion exchange reactions of 1-(3-chlorophenyl)-4-(3-phenylseleno propyl ...</u> MA Bhat, SH Lone, J Agim, RJ Butcher, SK Srivastava Journal of Molecular Structure 1176, 117-127	<u>4</u>	2019
27.	<u>New ratio estimators for population mean using robust regression</u> M Sabzar, S Maqbool, TA Raja, MA Bhat Journal of Indian Society of Agricultural Statistics 73 (3), 211-216	<u>1</u>	2019
28.	<u>Social Stratification Among Kashmiri Muslims. A Study Of District Pulwama</u> IA Wani GRIN Verlag		2019
29.	<u>A NEW GENERALIZATION OF ISHITA DISTRIBUTION: PROPERTIES AND APPLICATIONS</u> A Hassan, SA Dar, BA Para	<u>4</u>	2019

	Journal of Applied Probability 14 (2), 53-67		
30.	<u>Antibacterial and antifungal</u> IA Wani, MN Lone Nanomaterials-Based Coatings, 41-71	<u>1</u>	2019
31.	<u>Synthesis, spectral characterization, reactivity and DFT studies of novel ligand phenylseleno benzylacetate (L) and its complexes with group 12 metal chlorides</u> MA Bhat, SH Lone, S Ali, SK Srivastava Journal of Molecular Structure 1171, 233-242	<u>10</u>	2018
32.	<u>Morphological characterization of gamma rays induced multipodding mutant (mp) in lentil cultivar Pant L 406</u> R Amin Laskar, MR Wani, A Raina, R Amin, S Khan International journal of radiation biology 94 (11), 1049-1053	<u>12</u>	2018
33.	<u>Characterising N-acetylglucosaminylphosphatidylinositol de-N-acetylase (CaGpi12), the enzyme that catalyses the second step of GPI biosynthesis in Candida albicans</u> U Yadav, TK Rai, SC Sethi, A Chandraker, MA Khan, SS Komath FEMS yeast research 18 (7), foy067	<u>5</u>	2018
34.	<u>A new generalized version of Log-logistic distribution with applications in medical sciences and other applied fields</u> BA Para, TR Jan International Journal of Modeling, Simulation, and Scientific Computing 9 ...	<u>1</u>	2018
35.	<u>1-(3-Chlorophenyl)-4-(3-phenylseleno propyl) piperazine (L); synthesis, spectroscopic characterization, DFT studies, antimicrobial evaluation and its reactivity toward group 12 ...</u> MA Bhat, SH Lone, SK Srivastava Journal of Coordination Chemistry 71 (16-18), 2800-2813	<u>2</u>	2018
36.	<u>Theoretical and experimental investigations into structural, electronic, molecular and biological properties of 4-(3-chlorophenyl)-1-(3-chloropropyl) piperazin-1-ium chloride</u> MA Bhat, SH Lone, RJ Butcher, SK Srivastava Journal of Molecular Structure 1168, 242-249	<u>14</u>	2018
37.	<u>Synthesis of steroidal imidazolidinethiones as potential apoptotic agents: Investigation by theoretical and experimental studies</u> AM Dar, R Nabi, S Mir, MA Gatoo, SH Lone Bioorganic chemistry 79, 190-200		2018
38.	<u>Synthesis of t-butyl 2-(4-hydroxy-3-methoxybenzylidene) hydrazine carboxylate: Experimental and theoretical investigations of its properties</u> MA Bhat, SH Lone, MA Mir, SA Majid, RJ Butcher, SK Srivastava	<u>20</u>	2018

	Journal of Molecular Structure 1164, 516-524		
39.	<u>Short Term Load Forecasting Using Heuristic Algorithm and Support Vector Machine</u> O Nazeer, N Javaid, ABM Khan, A Hussain, T Basheer, MMA Ratyal Conference on Complex, Intelligent, and Software Intensive Systems, 791-799	<u>1</u>	2018
40.	<u>An advanced discrete model with applications in medical science</u> BA Para, TR Jan Journal of Multiscale Modelling 9 (02), 1850001	<u>3</u>	2018
41.	<u>piperazine (L); Synthesis, spectroscopic characterization, DFT studies, antimicrobial evaluation and its reactivity towards group 12 metal chlorides</u> MA Bhat, SH Lone, SK Srivastava		2018
42.	<u>Synthesis, spectroscopic characterization, DFT studies and biological activity of bis (1-(ethyl) piperidine) diselenide (L) and its complexes with selected group 12 metal halides</u> MA Bhat, SH Lone, SK Srivastava Inorganica Chimica Acta 478, 222-231	<u>10</u>	2018
43.	<u>Synthesis, spectral characterization, DFT studies and biological activity of novel Ligand 1-(2-cyclohexyl thioethyl) piperidine and its complexes with group 12 metal chlorides</u> MA Bhat, SH Lone, MA Mir, SA Majid, SK Srivastava Applied Organometallic Chemistry 32 (5), e4329	<u>3</u>	2018
44.	<u>Optimization of banana trunk-activated carbon production for methylene blue-contaminated water treatment</u> M Danish, T Ahmad, W Nadhari, M Ahmad, WA Khanday, L Ziyang, Z Pin Applied Water Science 8 (1), 1-11	<u>41</u>	2018
45.	<u>Zeolite-hydroxyapatite-activated oil palm ash composite for antibiotic tetracycline adsorption</u> WA Khanday, BH Hameed Fuel 215, 499-505	<u>67</u>	2018
46.	<u>On three parameter weighted pareto type II distribution: Properties and applications in medical sciences</u> BA Para, TR Jan Applied Mathematics and Information Sciences Letters 6 (1), 13-26	<u>24</u>	2018
47.	<u>Parasites Can Be Useful Too!</u> UR Zargar, MZ Chishti NISCAIR-CSIR, India		2018

48.	<u>Epidemiology and treatment of canine mammary tumours in Jammu region of India</u> N Sharma, A Gupta, R Bhat, M Yattoo, O Parray J Dairy Vet Anim Res 7 (2), 59-62	<u>4</u>	2018
49.	<u>A new size biased distribution with Applications in Engineering and Medical Science</u> AA Rather, C Subramanian, S Shafi, KA Malik, PJ Ahmad, BA Para, ... International Journal of Scientific Research in Mathematical and Statistical ...	<u>13</u>	2018
50.	<u>Mutation breeding for crop improvement</u> A Raina, RA Laskar, R Jahan, R Amin, S Khursheed, MR Wani, NT Nisa, ... Introduction to challenges and strategies to improve crop productivity in ...	<u>6</u>	2018
51.	<u>Biomedical Applications of Gold Nanoparticles</u> IA Wani		2018
52.	<u>Study of nanosized copper-doped ZnO dilute magnetic semiconductor thick films for spintronic device applications</u> RA Zargar, M Arora, RA Bhat Applied Physics A 124 (1), 1-9	<u>24</u>	2018
53.	<u>Pak. J. Statist. 2018 Vol. 34 (3), 229-249 DISCRETE INVERSE WEIBULL BETA MODEL: PROPERTIES AND APPLICATIONS IN HEALTH SCIENCE</u> BA Para, TR Jan Pak. J. Statist 34 (3), 229-249	<u>4</u>	2018
54.	<u>An Extension of Power Distribution</u> JA Reshi REVISTA INVESTIGACION OPERACIONAL 39 (4), 626-638	<u>5*</u>	2018
55.	<u>Influence of different strains of bio-inoculants on relative growth rate of blue pine and Himalayan cypress under temperate nursery conditions</u> M Asif, AH Mughal, S Lone, FA Lone, ZM Dar, MA Malik, M Amjad, AH Mir, ... Journal of Pharmacognosy and Phytochemistry 7 (2), 2614-2616		2018
56.	<u>Groundwater potential zonation and prioritization of wular catchment of Kashmir using GIS based multi-criteria evaluation approach</u> ZU Hassan, TA Kanth, MI Malik Water and Energy International 60 (11), 49-61	<u>1</u>	2018
57.	<u>Control of root-knot disease of brinjal (Solanum melongena L.) by the application of leaf extracts of certain medicinal</u>	<u>3</u>	2018

	<u>plants</u> NH Shah, AR Dar, IA Qureshi, A Akhter, MR Wani, L Andleeb Indian Journal of Agricultural Research 52 (4), 444-447		
58.	<u>Quantitative analysis of genetic parameters in the mutagenized population of faba bean (Vicia faba L.)</u> S Khursheed, A Raina, R Amin, MR Wani, S Khan Research on Crops 19 (2), 276-284	<u>14</u>	2018
59.	<u>Multi-criteria evaluation based groundwater potential zonation of Pampore watershed using geo-spatial tools</u> EN Hamid, J Khan, MI Malik International Journal of Research and Analytical Reviews 5 (2), 352-358	<u>1</u>	2018
60.	<u>Synthesis of an unusual quinazoline alkaloid: theoretical and experimental investigations of its structural, electronic, molecular and biological properties</u> SH Lone, S Jameel, MA Bhat, RA Lone, RJ Butcher, KA Bhat RSC advances 8 (15), 8259-8268	<u>17</u>	2018
61.	<u>Recent Advances in Synthesis and Biomedical Applications of Magnetic Nanoparticles: Magnetic Nanoparticles for Biomedical Applications</u> IA Wani Biomedical Engineering: Concepts, Methodologies, Tools, and Applications ...		2018
62.	<u>SPECTRA OF VARIOUS HADRONS AND THEIR FREEZE-OUT PARAMETERS AT DIFFERENT CENTRALITIES AT THE RHIC ENERGY OF $\sqrt{s_{NN}} = 200$ GeV.</u> RA Bhat, S Uddin Acta Physica Polonica B 49 (1)		2018
63.	<u>Hemisynthesis, computational and molecular docking studies of novel nitrogen containing steroidal aromatase inhibitors: testolactam and testololactam</u> SH Lone, MA Bhat, RA Lone, S Jameel, JA Lone, KA Bhat New Journal of Chemistry 42 (6), 4579-4589	<u>5</u>	2018
64.	<u>Groundwater potential zonation and prioritization of Wular catchment of Kashmir using GIS based multi-criteria evaluation approach</u> TA Kanth, MI Malik NDCWWC Journal (A Half Yearly Journal of New Delhi Centre of WWC) 7 (1), 24-37		2018
65.	<u>Characterization and estimation of weighted Maxwell-Boltzmann distribution</u> AA Dar, A Ahmed, JA Reshi Applied Mathematics & Information Sciences 12 (1), 193-202	<u>7</u>	2018

66.	<u>Mesoporous activated coconut shell-derived hydrochar prepared via hydrothermal carbonization-NaOH activation for methylene blue adsorption</u> MA Islam, MJ Ahmed, WA Khanday, M Asif, BH Hameed Journal of environmental management 203, 237-244	<u>203</u>	2017
67.	<u>Risk of transmission of antimicrobial resistant Escherichia coli from commercial broiler and free-range retail chicken in India</u> A Hussain, S Shaik, A Ranjan, N Nandanwar, SK Tiwari, M Majid, ... Frontiers in microbiology 8, 2120	<u>60</u>	2017
68.	<u>Religious Understanding Among the Youth of Kashmir Province: An overview</u> NUII Wani Localities 7, 163-185		2017
69.	<u>Biodiesel byproduct glycerol upgrading to glycerol carbonate over lithium-oil palm ash zeolite</u> WA Khanday, PU Okoye, BH Hameed Energy conversion and management 151, 472-480	<u>37</u>	2017
70.	<u>High-surface-area and nitrogen-rich mesoporous carbon material from fishery waste for effective adsorption of methylene blue</u> F Marrakchi, M Auta, WA Khanday, BH Hameed Powder Technology 321, 428-434	<u>69</u>	2017
71.	<u>Synthesis of gallic-acid-1-phenyl-1h-[1, 2, 3] triazol-4-yl methyl esters as effective antioxidants</u> SH Lone, SU Rehman, KA Bhat Drug research 11 (02), 111-118	<u>10</u>	2017
72.	<u>BAYESIAN ANALYSIS OF MAXWELL-BOLTZMANN DISTRIBUTION UNDER DIFFERENT LOSS FUNCTIONS AND PRIOR DISTRIBUTIONS.</u> AA Dar, A Ahmed, JA Reshi Pakistan Journal of Statistics 33 (6)	<u>5</u>	2017
73.	<u>New Semi-Synthetic Rosmarinic Acid-Based Amide Derivatives as Effective Antioxidants</u> I Ayoob, SH Lone, OA Zargar, R Bashir, MA Khuroo, KA Bhat ChemistrySelect 2 (31), 10153-10156	<u>7</u>	2017
74.	<u>Comparative Genomic Analysis of Globally Dominant ST131 Clone with Other Epidemiologically Successful Extraintestinal Pathogenic Escherichia coli (ExPEC ...</u> S Shaik, A Ranjan, SK Tiwari, A Hussain, N Nandanwar, N Kumar, ... MBio 8 (5), e01596-17	<u>55</u>	2017
75.	<u>Social Stratification and Kashmiri Society</u> IA Wani GRIN Verlag		2017

76.	<u>Description of a new quadrigyrid acanthocephalan from Kashmir, with notes on metal analysis and histopathology, and a key to species of the subgenus Acanthosentis from the ...</u> OM Amin, RA Heckmann, UR Zargar Journal of Parasitology 103 (5), 458-470	<u>13</u>	2017
77.	<u>PARASITES AS EMERGING BIOMONITORING TOOLS</u> UR Zargar EVERYMANS SCIENCE 52 (4), 256-261		2017
78.	<u>Biomonitoring potential of a Caryophyllaeid tapeworm: Evaluation of Adenoscolex oreini infection level and health status in three fish species of the genus Schizothorax across ...</u> UR Zargar, MZ Chishti, MI Rather, M Rehman, N Zargar Ecological Indicators 81, 503-513	<u>2</u>	2017
79.	<u>Obtaining strata boundaries under proportional allocation with varying cost of every unit</u> F Danish, SEH Rizvi, MI Jeelani, JA Reashi Pakistan Journal of Statistics and Operation Research, 567-574	<u>12</u>	2017
80.	<u>Comparative Genomics of Escherichia coli Isolated from Skin and Soft Tissue and Other Extraintestinal Infections</u> A Ranjan, S Shaik, N Nandanwar, A Hussain, SK Tiwari, T Semmler, ... MBio 8 (4), e01070-17	<u>23</u>	2017
81.	<u>Solar PV-based scalable DC microgrid for rural electrification in developing regions</u> M Nasir, HA Khan, A Hussain, L Mateen, NA Zaffar IEEE Transactions on sustainable energy 9 (1), 390-399	<u>150</u>	2017
82.	<u>Diabetic retinopathy in patients presenting to the screening clinic of a tertiary care hospital in Pakistan.</u> MAA Saddiq, MU Rehman, M Fatima, A Hussain, AA Khan, T Mahju, ... Ophthalmology Pakistan 5 (04), 7-9		2017
83.	<u>Dynamic cum batch adsorption of a vesicant CWA (2-chloroethyl ethyl sulfide) over synthetic erionite</u> WA Khanday Microporous and Mesoporous Materials 244, 15-20	<u>4</u>	2017
84.	<u>Anti-leishmanial and cytotoxic activities of amino acid-triazole hybrids: Synthesis, biological evaluation, molecular docking and in silico physico-chemical properties</u> MM Masood, P Hasan, S Tabrez, MB Ahmad, U Yadava, CG Daniliuc, ...Bioorganic & medicinal chemistry letters 27 (9), 1886-1891	<u>20</u>	2017
85.	<u>Mesoporous-activated carbon prepared from chitosan flakes via single-step sodium hydroxide activation for the adsorption of methylene blue</u> F Marrakchi, MJ Ahmed, WA Khanday, M Asif, BH Hameed	<u>213</u>	2017

	International journal of biological macromolecules 98, 233-239		
86.	<u>Application of optimized large surface area date stone (Phoenix dactylifera) activated carbon for rhodamin B removal from aqueous solution: Box-Behnken design approach</u> M Danish, WA Khanday, R Hashim, NSB Sulaiman, MN Akhtar, M Nizami Ecotoxicology and environmental safety 139, 280-290	<u>43</u>	2017
87.	<u>Nanoporous activated carbon prepared from karanj (Pongamia pinnata) fruit hulls for methylene blue adsorption</u> MA Islam, S Sabar, A Benhouria, WA Khanday, M Asif, BH Hameed Journal of the Taiwan Institute of Chemical Engineers 74, 96-104	<u>118</u>	2017
88.	<u>Role of Culture and Politics in depiction of Kashmir and Kashmiri</u> KA Mir Discourse: International Journal of Humanities and Cultural Studies 2 (01 ...		2017
89.	<u>Phytochemical and cytotoxic evaluation of peganum harmala: structure activity relationship studies of harmine</u> I Ayoob, YM Hazari, SH Lone, MA Khuroo, KM Fazili, KA Bhat ChemistrySelect 2 (10), 2965-2968	<u>27</u>	2017
90.	<u>Genetic and phytochemical diversity analysis in Bunium persicum populations of north-western Himalaya</u> RK Chahota, V Sharma, M Ghani, TR Sharma, JC Rana, SK Sharma Physiology and Molecular Biology of Plants 23 (2), 429	<u>11</u>	2017
91.	<u>Mesoporous activated carbon prepared from NaOH activation of rattan (Lacosperma secundiflorum) hydrochar for methylene blue removal</u> MA Islam, MJ Ahmed, WA Khanday, M Asif, BH Hameed Ecotoxicology and environmental safety 138, 279-285	<u>181</u>	2017
92.	<u>Cross-linked beads of activated oil palm ash zeolite/chitosan composite as a bio-adsorbent for the removal of methylene blue and acid blue 29 dyes</u> WA Khanday, M Asif, BH Hameed International journal of biological macromolecules 95, 895-902	<u>111</u>	2017
93.	<u>Mesoporous carbonaceous material from fish scales as low-cost adsorbent for reactive orange 16 adsorption</u> F Marrakchi, MJ Ahmed, WA Khanday, M Asif, BH Hameed Journal of the Taiwan Institute of Chemical Engineers 71, 47-54	<u>74</u>	2017

94.	<u>Efficient separate class of estimators of population mean in stratified random sampling</u> HA Lone, R Tailor, MR Verma Communications in Statistics-Theory and Methods 46 (2), 554-573	<u>3</u>	2017
95.	<u>Estimation of population variance in simple random sampling</u> HA Lone, R Tailor Journal of Statistics and Management Systems 20 (1), 17-38	<u>15</u>	2017
96.	<u>Transmuted Inverse Loglogistic Model: Properties and Application in Medical Sciences and Engineering</u> BA Para, TR Jan Mathematical Theory and Modeling 7 (6), 2224-5804	<u>4</u>	2017
97.	<u>Recent Advances in Synthesis and Biomedical Applications of Magnetic Nanoparticles</u> IA Wani		2017
98.	<u>Rare outbreak of fowl cholera in waterfowls in Dal Lake area of Kashmir, with isolation, antibiogram and successful treatment-A Report</u> N Hassan, H Hamadani, UR Zargar Int. J. Curr. Microbiol. App. Sci 6 (5), 481-484	<u>4</u>	2017
99.	<u>Infection dynamics of Caryophyllaeid tapeworm, Adenoscolex oreini Fotedar, 1958 and impacts of intra-lake pollution gradient on intermediate host (copepods) and health ...</u> UR Zargar, MZ Chishti, MI Rather, SA Khanday Parasitology Open 3		2017
100.	<u>Pak. J. Statist. 2017 Vol. 33 (5), 337-354 DISCRETE GENERALIZED WEIBULL DISTRIBUTION: PROPERTIES AND APPLICATIONS IN MEDICAL SCIENCES</u> BA Para, TR Jan Pak. J. Statist 33 (5), 337-354	<u>3</u>	2017
101.	<u>High yielding mutants in chickpea (Cicer arietinum L.)</u> MR Wani Research on Crops 18 (4), 718-721	<u>3</u>	2017
102.	<u>Transmuted weighted exponential distribution and its application</u> AA Dar, A Ahmed, JA Reshi Journal of Statistics Applications & Probability 6 (1), 219-232	<u>9</u>	2017
103.	<u>Biomedical applications of gold nanoparticles: recent advances and future prospects</u> IA Wani Integrating Biologically-Inspired Nanotechnology into Medical Practice, 74-101	<u>8</u>	2017
104.	<u>Understanding Toxicity of Nanomaterials in Biological Systems</u> IA Wani, T Ahmad; Materials Science and Engineering: Concepts, Methodologies, Tools, and ...		2017

105.	<u>Efficient synthesis of novel N-substituted 2-carboxy-4-quinolones via lithium bis (trimethylsilyl) amide (LiHMDS)-induced in situ cyclocondensation reaction</u> P Hasan, B Aneja, MM Masood, MB Ahmad, U Yadava, CG Daniliuc, ... RSC advances 7 (19), 11367-11372	<u>8</u>	2017
106.	<u>Podophyllum hexandrum ameliorates endosulfan-induced genotoxicity and mutagenicity in freshwater cyprinid fish crucian carp</u> SA Dar, AR Yousuf, MH Balkhi, BA Ganai, M Tantry, FA Bhat pharmaceutical biology 55 (1), 173-183	<u>4</u>	2017
107.	<u>Simulation of a Stack of Resistive Plate Chambers</u> MA Teli, S Mukhopadhyay, N Majumdar, W Bari Proceedings of the DAE Symp. on Nucl. Phys 62, 1038		2017
108.	<u>Mesoporous zeolite-activated carbon composite from oil palm ash as an effective adsorbent for methylene blue</u> WA Khanday, F Marrakchi, M Asif, BH Hameed Journal of the Taiwan Institute of Chemical Engineers 70, 32-41	<u>117</u>	2017
109.	<u>Genome dynamics and molecular infection epidemiology of multidrug-resistant Helicobacter pullorum isolates obtained from broiler and free-range chickens in India</u> S Qumar, M Majid, N Kumar, SK Tiwari, T Semmler, S Devi, R Baddam, ... Applied and environmental microbiology 83 (1), e02305-16	<u>28</u>	2017
110.	<u>GIS based assessment of soil erosion using Universal Soil Loss Equation (USLE) in Wular Catchment of Kashmir</u> Z Hassan, MI Malik, TA Kanth Journal of Remote Sensing & GIS 8 (3), 56-66	<u>1</u>	2017
111.	<u>Induced chlorophyll mutations, comparative mutagenic effectiveness and efficiency of chemical mutagens in lentils (Lens culinaris Medik).</u> MR Wani Asian Journal of Plant Sciences 16 (4), 221-226	<u>14</u>	2017
112.	<u>Chemo-induced pod and seed mutants in mungbean (Vigna radiata L. Wilczek)</u> MR Wani, AR Dar, A Tak, I Amin, NH Shah, R Rehman, MY Baba, A Raina, ...SAARC Journal of Agriculture 15 (2), 57-67	<u>20</u>	2017
113.	<u>ECONOMIC DESIGN OF X CONTROL CHART UNDER DEWMA MODEL</u> MA Khanday, JR Singh Journal of Reliability and Statistical Studies, 43-52		2016
114.	<u>Cross-linked chitosan/sepiolite composite for the adsorption of methylene blue and reactive orange 16</u> F Marrakchi, WA Khanday, M Asif, BH Hameed	<u>137</u>	2016

	International journal of biological macromolecules 93, 1231-1239		
115.	<u>Diastereoselective Synthesis of 1, 10β-Epoxy-11R, 13-dihydroamino Analogs of Ludartin as Anti-breast Cancer Agents</u> SH Lone, KA Bhat, FA Malik, MA Khuroo Planta Medica International Open 3 (03), e51-e54	<u>4</u>	2016
116.	<u>Plant regeneration from axillary bud, callus and somatic embryo in carnation (Dianthus carvophyllus) and assessment of genetic fidelity using RAPD-PCR analysis</u> S Kumar, R Kumari, T Baheti, M Thakur, M Ghani Indian J. Agric. Sci 86, 1482-1488	<u>3</u>	2016
117.	<u>Catalytic pyrolysis of oil palm mesocarp fibre on a zeolite derived from low-cost oil palm ash</u> WA Khanday, G Kabir, BH Hameed Energy Conversion and Management 127, 265-272	<u>49</u>	2016
118.	<u>Foliar applied potassium and zinc enhances growth and yield performance of maize under rainfed conditions</u> MA Anees, A Abid, U Shakoor, A Farooq, Z Hasnain, A Hussain International Journal of Agriculture and Biology 18 (5)	<u>26</u>	2016
119.	<u>EVALUATING THE EFFECT OF INDUSTRIAL EFFLUENTS ON CHEMICAL COMPOSITION OF SOIL IN VILLAGE DINGI, DISTRICT HARIPUR</u> K Asghar, A Hussain, Z Malik, A Asghar, A Bibi Journal of Mountain Area Research 1, 13-20		2016
120.	<u>LC-MS guided isolation of bioactive principles from Iris hookeriana and bioevaluation of isolates for antimicrobial and antioxidant activities</u> BA Dar, SH Lone, WA Shah, KA Bhat Drug research 66 (08), 427-431	<u>11</u>	2016
121.	<u>Stability Analysis for Yield and its Attributes in Fieldpea (Pisum sativum L.) Under Kashmir Conditions.</u> A Majid, SA Dar, SH Wani Journal of Plant Science Research 32 (2)		2016
122.	<u>Generalized ratio-cum-product type exponential estimator in stratified random sampling</u> HA Lone, R Tailor, HP Singh Communications in Statistics-Theory and Methods 45 (11), 3302-3309	<u>9</u>	2016
123.	<u>Remote Sensing and GIS based groundwater potential mapping for sustainable water resource management of Lidder catchment in Kashmir Valley, India</u> MI Malik, MS Bhat, SA Najjar	<u>13</u>	2016

	Journal of the geological society of India 87 (6), 716-726		
124.	<u>Biflavonoids: Chemical and Pharmacological Aspects</u> SH Lone, MA Khuroo Elsevier	<u>4</u>	2016
125.	<u>On some contributions to size-biased probability distributions.</u> JAS Reshi, A Ahmed, KA Mir		2016
126.	<u>ECONOMIC DESIGN OF X CONTROL CHART UNDER MEASUREMENT ERROR</u> JR Singh, MA Khanday Journal of Reliability and Statistical Studies, 11-19		2016
127.	<u>Population structure and molecular epidemiology of human clinical multi-drug resistant (MDR) Escherichia coli strains from Pune, India</u> N Nandanwar, A Hussain, A Ranjan, S Jadhav, N Ahmed International Journal of Infectious Diseases 45, 343-344	<u>6</u>	2016
128.	<u>ESTROGEN RECEPTOR, PROGESTERONE RECEPTOR & Her-2/NEU POSITIVITY AND IT'S ASSOCIATION WITH TUMOR CHARACTERISTICS</u> S Aslam, S Hameed, A Hussain Journal of University Medical & Dental College 7 (2), 21-28		2016
129.	<u>A class of estimators of population mean in case of post stratification</u> HA Lone, R Tailor Pakistan Journal of Statistics and Operation Research, 111-124	<u>2</u>	2016
130.	<u>Diagnostic accuracy of Ultrasound B scan using 10 MHz linear probe in ocular trauma; Results from a high burden country</u> MK Shazlee, M Ali, M SaadAhmed, A Hussain, K Hameed, IA Lutfi, ... Pakistan journal of medical sciences 32 (2), 385	<u>5</u>	2016
131.	<u>Study of the bioactivity, wettability and hardness behaviour of the bovine hydroxyapatite-diopside bio-nanocomposite coating</u> A Khandan, M Abdellahi, N Ozada, H Ghayour Journal of the Taiwan Institute of Chemical Engineers 60, 538-546	<u>94*</u>	2016
132.	<u>Isolation, characterization and HPLC quantification of compounds from Aquilegia fragrans Benth: Their in vitro antibacterial activities against bovine mastitis pathogens</u> S Mushtaq, MA Aga, PH Qazi, MN Ali, AM Shah, SA Lone, A Shah, ... Journal of ethnopharmacology 178, 9-12	<u>19</u>	2016
133.	<u>Evidence for the Nucleo-Apical Shuttling of a Beta-Catenin Like Plasmodium falciparum Armadillo Repeat Containing</u>	<u>8</u>	2016

	<u>Protein</u> P Mitra, ED Gupta, T Sahar, AK Pandey, P Dangi, KS Reddy, VS Chauhan, ... PloS one 11 (2), e0148446		
134.	<u>Mesoporous-activated carbon prepared from chitosan</u> F Marrakchi, MJ Ahmed, WA Khanday, M Asif cal 1, 2		2016
135.	<u>On discrete three parameter Burr type XII and discrete Lomax distributions and their applications to model count data from medical science</u> BA Para, TR Jan Biometrics and Biostatistics International Journal 4 (2), 1-15	<u>26</u>	2016
136.	<u>Discrete version of log-logistic distribution and its applications in genetics</u> BA Para, TR Jan Int. J. Mod. Math. Sci 14 (4), 407-422	<u>15</u>	2016
137.	<u>Impact of Anthropogenic Activities on Growth of Saffron (Crocus sativus L.) in Pampore Saffron Fields</u> MR Wani, IN Shah, UK Chauhan Indian Horticulture Journal 6 (1), 139-141		2016
138.	<u>Impact of Cement Dust on Growth of Saffron (Crocus sativus L.) in Pampore Saffron Fields of Kashmir</u> MR Wani, IN Shah, UK Chauhan Indian Horticulture Journal 6 (1), 53-55		2016
139.	<u>Efficient multistep synthesis and spectral characterization of dihydropyrrolo [3, 2-c] pyridine-4-one derivatives</u> MM Masood, B Aneja, A Azam, M Abid Rasayan J. Chem 9 (2), 234-242	<u>2</u>	2016
140.	<u>An introduction about genotoxicology methods as tools for monitoring aquatic ecosystem: present status and future perspectives</u> SA Dar, AR Yousuf, MH Balkhi Fish Aquac J 7 (158), 2	<u>27</u>	2016
141.	<u>Polypyrrole and its composites with various cation exchanged forms of zeolite X and their role in sensitive detection of carbon monoxide</u> RA Naikoo, SU Bhat, MA Mir, R Tomar, WA Khanday, P Dipak, DC Tiwari RSC advances 6 (101), 99202-99210	<u>6</u>	2016
142.	<u>Studying the Properties of Concrete with Copper Slag and Glass Wool Fibre</u> EA Ahmed, EMK Khan, SA Ahmad, A Hussain Int. J. Emerg. Trends Eng. Res.(IJETER) 4 (5), 226-231	<u>1</u>	2016

- Percentage of faculty involved in research activities/Major and Minor Projects: **50%**
- Patents granted/Filed, if any: **NIL**
- Faculty receiving national/international awards:
Dr. Riyaz Ahmad Bhat received Young Scientist Award through (SERB)
Dr. Waheed Ahmad Khanday received best Research Presentation Award at Universiti Sains Malaysia (USM).
Dr. Javaid Ahmad Reshi received Best Paper Presentation Award at JK Science Congress at University of Kashmir, Srinagar
- Faculty participation in National/International Seminars and Conferences:

S. No	Name	Subject	Designation
1.	Abdul Hamid Lone	Arabic	Associate Professor
2.	Mr. Mohd Shafi Parray	Botany	Associate Professor
3.	Mr. Fayaz Ahmad Bhat	Chemistry	Associate Professor
4.	Ms. Mubashira Koul	Chemistry	Associate Professor
5.	Mr. Syed Javid Hussain	Zoology	Associate Professor
6.	Mr. Shakti Prakash	BCA	Assistant Professor
7.	Mr. Shabir Ahmad Rather	BCA	Assistant Professor
8.	Ms. Vahida Akhter	BCA	Assistant Professor
9.	Mr. Arshad Hussain	BCA	Assistant Professor
10.	Mr. Ummar Muhammad	BCA	Assistant Professor
11.	Mr. Sharik Mushtaq	BCA	Assistant Professor
12.	Ms. Sameena Ismail	Bio-Tech	Assistant Professor
13.	Dr. Minerva Ghani	Bio-Tech	Assistant Professor
14.	Dr. Mohd. Sulieman	Botany	Assistant Professor
15.	Mr. Bahar Ahmad Mir	Botany	Assistant Professor
16.	Mr. Mir Khusrau	Botany	Assistant Professor
17.	Dr. Waheed Ah Khanday	Chemistry	Assistant Professor
18.	Mr. Shabir Ahmad Bhat	Chemistry	Assistant Professor
19.	Dr. Niyaz Ahmad Mir	Chemistry	Assistant Professor
20.	Mr. Gh. Jeelani Teeli	Commerce	Assistant Professor
21.	Mr. Showkat Hajam	Commerce	Assistant Professor
22.	Mr. Shahzad Ahmad Bhat	Commerce	Assistant Professor
23.	Mr. Showkat Ahmad Teli	Commerce	Assistant Professor
24.	Mr. Ifthikar Bashir	Commerce	Assistant Professor
25.	Mr. Raja Wiqar Parry	Commerce	Assistant Professor

26.	Mr. Irshad Ahmad Sheikh	Economics	Assistant Professor
27.	Mr. Zahid Gulzar Rather	Economics	Assistant Professor
28.	Ms. Kaneez Fatima	Economics	Assistant Professor
29.	Dr. Syed Aamir Syeed	English	Assistant Professor
30.	Mr. Ishfaq Manzoor	English	Assistant Professor
31.	Dr. Shabeer Ahmad Taing	English	Assistant Professor
32.	Ms. Naik Yaseera	Env. Science	Assistant Professor
33.	Mr. Nisar Ahmad Kumar	History	Assistant Professor
34.	Mr. Kowser Ganai	History	Assistant Professor
35.	Dr. Nazir Ahmad	Islamic Studies	Assistant Professor
36.	Mr. Mudasir Ahmad Bhat	Mathematics	Assistant Professor
37.	Mr. Riyaz Ahmad Shah	Mathematics	Assistant Professor
38.	Dr. Parvaiz Ahmad Dar	Physics	Assistant Professor
39.	Mr. Muzamil Ahmad Teli	Physics	Assistant Professor
40.	Dr. Reyaz Ahmad Bhat	Physics	Assistant Professor
41.	Mr. Mudasir Hassan Dar	Physics	Assistant Professor
42.	Mr. Gazenfur Ali Mir	Persian	Assistant Professor
43.	Dr. Javaid Ahmad Reshi	Statistics	Assistant Professor
44.	Mr. Farooq Ahmad Malik	Pol. Science	Assistant Professor
45.	Mr. Adil Basher Dar	Pol. Science	Assistant Professor
46.	Mr. Imtiyaz Ahmad Bhat	Pol. Science	Assistant Professor
47.	Dr. Azad Hussain Khan	Seed Tech.	Assistant Professor
48.	Dr. Bilal Ahmad Wani	Seed Tech.	Assistant Professor
49.	Dr. Shahzad Ahmad Wani	Sociology	Assistant Professor
50.	Dr. Sabzar Ahmad Dar	Zoology	Assistant Professor
51.	Mr. Asif Ahmad Kamgar	Zoology	Assistant Professor
52.	Dr. Peerzada Mushtaq	Zoology	Assistant Professor
53.	Dr. Umar Rashid Zargar	Zoology	Assistant Professor
54.	Dr. Shabir Ahmad Wani	Zoology	Assistant Professor
55.	Dr. Nuzhat Jabeen	Botany	Assistant Professor
56.	Dr. Bashir Shairgojray	Chemistry	Assistant Professor
57.	Dr. Ferooze Rafiqi	Chemistry	Assistant Professor
58.	Mr. Raveed Yousf Bhat	Chemistry	Assistant Professor
59.	Syed Zeenat Khurshid	Chemistry	Assistant Professor
60.	Dr. Tanveer Ahmad	Education	Assistant Professor
61.	Dr. Rafiq Ahmad Hajam	Geography	Assistant Professor

62.	Dr. Mohammad Iqbal	Geography	Assistant Professor
63.	Mr. Mohammad Arif	Geography	Assistant Professor
64.	Mr. Altaf Hussain Mir	Geography	Assistant Professor
65.	Mr. Imtiyaz Ahmad Lone	Kashmiri	Assistant Professor
66.	Ms. Masroofa Qadir	Urdu	Assistant Professor
67.	Ms. Yasmeena Yosuf	Urdu	Assistant Professor

- Faculty Participation in Extension and outreach with Name of the Faculty and Type of Outreach Activity:

S.NO.	Name of the Faculty	Participation/ Involvement in Extension /Outreach programme	Type of Activity
1.	Dr. Javaid Ahmad Reshi	Delivered an Extension Lecture on “Role of IQAC in Quality Sustenance and Enhancement in Higher Education Institutions”	NAAC Sponsored National Workshop organized by Holy Cross Home Science College, Thoothukudi.
2.	Dr. Javaid Ahmad Reshi	Delivered an Extension Lecture on “Manual of Self Study Report (SSR) of Affiliated Colleges”	NAAC workshop at GDC Anantnag
3.	Dr. Waheed Ahmad Khanday	Delivered an Extension Lecture on “Career Counseling and Guidance” at GDC Bomai Sopore.	Webinar Career Counseling
4.	Dr. Waheed Ahmad Khanday	Delivered an Extension Lecture on “Chemistry in Everyday Life; Hazards and Remedies” at GDC Kokernag.	Workshop on National Science Day
5.	Dr. Mohd Abass Shah	Participated in “NAAC Sponsored National Workshop” organized by Holy Cross Home Science College, Thoothukudi.	NAAC Sponsored National Workshop organized by Holy Cross Home Science College, Thoothukudi.
6.	Mr. Arshad Ahmad Bhat		
7.	Dr. Waheed Ahmad Khanday		
8.	Dr. Nuzhat Jabeen		
9.	Ms. Sameena Ismail		
10.	Mr. Gulam Jeelani Teli	Participation in National Voters Day	National Voters Day
11.		College Campus Cleanliness Drive	Cleanliness Drive
12.		Plantation Drive	Plantation Drive
13.		Celebration of “National Voters Day”	National Voters Day
14.		Distribution of face masks and Sanitizers	COVID 19
15.		Pasting of COVID-19 information posters	COVID 19
16.		Painting competition on the eve of “World AIDS Day”	World AIDS Day

17.	Ms. Sameena Ismail	Participation in National Voters Day	National Voters Day
18.		College Campus Cleanliness Drive	Cleanliness Drive
19.		Plantation Drive	Plantation Drive
20.		Celebration of “National Voters Day”	National Voters Day
21.		Distribution of face masks and Sanitizers	COVID 19
22.		Pasting of COVID-19 information posters	COVID 19
23.		Painting competition on the eve of “World AIDS Day”	World AIDS Day
24.		Mr. Gazamfar Ali Mir	Painting competition on the eve of “World AIDS Day”
25.	Participation in National Voters Day		National Voters Day
26.	College Campus Cleanliness Drive		Cleanliness Drive
27.	Plantation Drive		Plantation Drive
28.	Celebration of “National Voters Day”		National Voters Day
29.	Ms. Naik Yasira	An Inter-College Online Quiz Competition	World Environmental Day
30.	Dr. Javaid Ahmad Reshi Organized one day Conference	one day conference on General Aspects of learning outcomes Curriculum Based Framework on the theme “New Trends in Statistics & Optimization” on March, 03, 2020	UT Level Conference
31.	Nisar Ahmad Kumar organized a Webinar	Pandemics in History and lessons learnt thereof	Webinar
32.	Mr. Shahzad Ahmad Bhat Organized one day Conference	one day conference On “Learning Outcomes Based Curriculum Framework on sub theme Entrepreneurship Development”	UT Level Conference
33.	Mr. Shahzad Ahmad Bhat conduct PG Entrance Mock Tests	PG Entrance Mock Tests	Career Counseling
34.	Mr. Shahzad Ahmad Bhat conduct Account Assistant Coaching	Online JKSSB Accounts Assistant Examination Coaching	Career Counseling
35.	Mr. Shahzad Ahmad Bhat Organized one day Webinar	Webinar on “Digital Marketing”	Webinar
36.	Mr. Shahzad Ahmad Bhat Organized one day Webinar	Webinar “Money Management & Career Opportunities Post COVID Scenario”	Webinar
37.	Dr. Umar Zargar Organized one day Webinar	Seminar on" Inculcating Scientific Temper and innovation Among Minded Major Challenges"	Career Counseling; One day Seminar
38.	Dr. Umar Zargar Organized one day	New Emerging Technological Interventions For Skill Development in	Webinar

	Webinar	Biological Sciences			
39.	Dr. Umar Zargar Organized one day Webinar	Emerging Aspects in Parasitology: A Shift in Approach	Webinar		
40.	Dr. Umar Zargar Organized one day Webinar	“Strong Immunity and Positive Mental Health - Two sides of same coin”	Career Counseling and Psychological Cell; One day Seminar		
41.	Mr. Shakti Parakash	One day Seminar on ICT organized by Department of Computer Sciences	One day Seminar		
42.	Mr. Shabir Ahmad Rather				
43.	Ms. Vahida Akhter				
44.	Mr. Arshad Hussain				
45.	Mr. Ummar Muhammad				
46.	Mr. Sharik Mushtaq				
47.	Mr. Farooq Ahmad Malik	Two weeks Seminar on " Celebration of 70 years of Indian Constitution	Two weeks Seminar		
48.	Dr. Umar Zargar Organized one day Webinar	seminar on "Personality development " in collaboration with Associations of Muslim Professionals	One day Webinar		
49.	Dr. Umar Zargar Organized one day Webinar	Seminar on " International Career Opportunities and Fellowships of UG & PG Asprints"	One day Webinar		
50.	Dr. Umar Zargar Organized one day Webinar	Religious Perspective on Stress Management During COVID Times	One day Webinar		
51.	Dr. Tanveer Ahmad Bhat	one day seminar on National Policy of Education organized by Department of Education on October 06,2020	one day seminar		
52.	Mr. Aijaz Ahmad				
53.	Mr. Javid Hussain	one day webinar on "New Emerging Technological Interventions for Skill Development in Biological Sciences"	One day Webinar		
54.	Dr. Umar Rashid Zargar				
55.	Dr. Sabzar Ahmad Dar				
56.	Mr. Asif Ahmad Kamgar				
57.	Dr. Peerzada Mushtaq				
58.	Dr. Umar Rashid Zargar				
59.	Dr. Shabir Ahmad Wani				
60.	Dr. Umar Rashid Zargar			Virtual Progamme on Career Guidance & Counseling	One day Seminar
61.	Mr. Farooq Ahmad Malik			“Progress of India Post Independence” under Azadi Ka Amrit Mahotsav	One day Seminar
62.	Mr. Javid Hussain			World Health Day	One day Seminar
63.	Dr. Umar Rashid Zargar				
64.	Dr. Sabzar Ahmad Dar				
65.	Mr. Asif Ahmad Kamgar				

66.	Dr. Peerzada Mushtaq		
67.	Dr. Umar Rashid Zargar		
68.	Dr. Shabir Ahmad Wani		
69.	All Faculty Members	“HOW TO CRACK AN INTERVIEW: SECRETS, TIPS & STEPS’	One day Seminar
70.	Mr. Javid Hussain Dr. Umar Rashid Zargar Dr. Sabzar Ahmad Dar Mr. Asif Ahmad Kamgar Dr. Peerzada Mushtaq Dr. Umar Rashid Zargar Dr. Shabir Ahmad Wani	WRITING/ESSAY COMPETITION on the eve of WORLD ENVIRONMENTAL DAY 2021	One day Seminar
71.	Mr. Javid Hussain Dr. Sabzar Ahmad Dar Mr. Asif Kamgar Dr. Peerzada Mushtaq Dr. Umar Rashid Zargar Dr. Shabir Ahmad Wani	Inculcating Scientific Temper & Innovation Among Young Minds- Major Challenges” conducted by Deptt. of Zoology, Govt. Degree College, Anantnag	One day Seminar
72.	All Faculty Members	Yoga Day Celebration	One day Seminar
73.	All Faculty Members	RTI AS A TOOL FOR GOOD GOVERNANCE	One day Seminar
74.	All Faculty Members	“International Day against Drug Abuse And Illicit Trafficking”	One day Seminar
75.	All Faculty Members	Awareness session on National Help Line for senior citizens	One day Seminar
76.	All Faculty Members	Ani-Polythene Cleanness drive in the college campus	One day Seminar
77.	All Faculty Members	Awareness About HIV: Do’s and Don’ts	One day Seminar
78.	All Faculty Members	Essay Competition on National Anthem as a tool for National integration	One day Seminar
79.	All Faculty Members	Hoisting of National Flag in College Campus	One day Seminar
80.	All Faculty Members	Teachers Day-5th September, 2021	One day Seminar
81.	All Faculty Members	Significance of Fundamental Duties I	One day Seminar
82.	All Faculty Members	<u>Significance of Fundamental Duties II</u>	One day Seminar
83.	All Faculty Members	<u>Rights of Senior Citizens.</u>	One day Seminar
84.	All Faculty Members	<u>Observance of Student’s Day- Painting Competition and Legal Awareness on “Anti-Ragging Laws”.</u>	One day Seminar
85.	All Faculty Members	<u>CELEBRATION OF ICONIC WEEK UNDER THE BANNER ‘AZADI KA</u>	One week Seminar

		<u>AMRIT MAHOTSAV' 75TH ANNIVERSARY OF INDIA'S INDEPENDENCE</u> Sheikh-UI-Alam& Kashmiri Language	
86.	All Faculty Members	Rashtriya Ekta Diwas (National Unity Day)	National Unity Day
87.	Mr. Javid Hussain Dr. Sabzar Ahmad Dar Mr. Asif Ahmad Kamgar Dr. Peerzada Mushtaq Dr. Umar Rashid Zargar Dr. Shabir Ahmad Wani	MEET THE FOSSIL MEN	One day Seminar
88.	All Faculty Members	Celebration of the Constitution Day	One day Seminar
89.	All Faculty Members	Cyber Jaagrukta Divas	One day Seminar

7. Non-Teaching /Supporting staff details:

S.No.	Name	Designation	Gender	Total Service	Service in the Institution
1.	Mr.Gh.Nabi Munjkhal	Section Officer	Male	30 years	2 months
2.	Umar Bashir	PTI	Male	4 years	4 years
3.	Mr.Rakesh Kumar	Accountant	Male	6 years	10 months
4.	Mr. Malik Khalid-u-Zaman	Accounts Assistant	Male	2 years	2 years
5.	Mr. Mohd Iqbal Shah	Junior Assistant	Male	5 years	5 years
6.	Mr. Rajesh Pathyal	Junior Assistant	Male	4 years	4 years
7.	Mr. Imtiyaz Ahmad Khan	Jr. Librarian	Male	29 years	5 years
8.	Ms. Afroza Akhter	Lib.Assistant	Female	16 years	3 years
9.	Mr. Mohd Younis Dar	APTI	Male	4 years	4 years
10.	Mrs Rubia Nazir	Lab. Assistant	Female	25 years	16 years
11.	Mrs. Kayser Jan	Lab. Assistant	Female	36 years	14 years
12.	Mrs. Munaza Mufti	Lab. Assistant	Female	14 years	13 years
13.	Mrs. Manzoor Banoo	Lab. Assistant	Male	14 years	8 years
14.	Mr. Manzoor Ahmad Gadoo	Lab. Assistant	Male	15 years	8 years
15.	Ms. Nasreena Akhter	Lab. Assistant	Female	16 years	6 years
16.	Mr. Mohd Maqbool Ganie	Lab. Assistant	Male	4 years	3 ½ years
17.	Mr. Altaf Ahmad Mir	Lab. Assistant	Male	3 years	3 years
18.	Mr. Mohd Yousuf Wagay	Lab. Assistant	Male	28 years	8 years
19.	Mr. Shahnaz Ganie	Lab. Assistant	Male	29 years	8 years
20.	Mrs.Rehana Akhter	Lab. Assistant	Female	18 years	7 months
21.	Mr. Mohd Shafi Wagay	Lab. Assistant	Male	32 years	3 years
22.	Mr. Tasleem Hussain Shah	Lab. Assistant	Male	9 years	6 years
23.	Fayaz Ahmad Dar	Helper	Male	23 years	8 months
24.	Mr. Isar Ah. Bhat	Orderly	Male	21 years	21 years
25.	Mrs. Nighat Parveen	Orderly	Male	19 years	18 years
26.	Mr. Parvaid Ah. Dar	Orderly	Male	25 years	25 years
27.	Ms. Filory Akhter	Orderly	Female	7 years	7 years
28.	Ms. Nazneen Jan	Orderly	Female	7 years	7 years
29.	Mr. Bilal Ahmad Shah	Gardner	Male	8 years	8 years
30.	Shakeel Ahmad Thoker	Gardener	Male	7 years	7 years
31.	Mr. Shabir Ahmad Tantray	Lib Bearer	Male	9 years	7 years

32.	Mr. Ab. Gani Sheikh	Sweeper	Male	9 years	9 years
33.	Mr. Mohd Ashraf Sheikh	Sweeper	Male	9 years	7 years
34.	Mr.Owais Ahmad Mir	Lab.Bearer	Male	2 months	2 months
35.	Mr.Nazir Ahmad Bhat	Lab.Bearer	Male	2 months	2 months
36.	Mr.Fareed Ahmad Swathi	Lab.Bearer	Male	2 months	2 months
37.	Mr.Tariq Ahmad Itoo	Lab.Bearer	Male	2 months	2 months
38.	Mr.Amir Shafi	Lab.Bearer	Male	2 months	2 months
39.	Ms.Jasi Jan	Lab.Bearer	Female	2 months	2 months
40.	Mr.Ishfaq Rasool	Lab.Bearer	Male	2 months	2 months
41.	Mr.Sameer Khalil Dar	Lab.Bearer	Male	2 months	2 months
42.	Mr.Haneef Hussain Dar	Lab.Bearer	Male	2 months	2 months
43.	Mr.Ishfaq Qayoom	Lab.Bearer	Male	2 months	2 months
44.	Mr.Jasif Farooq Pala	Lab.Bearer	Male	2 months	2 months
45.	Mr.Mohd Afzal Naik	Orderly	Male	2 months	2 months
46.	Mr.Adil Bashir Hajam	Lib.Bearer	Male	2 months	2 months
47.	Mr.Aqib Altaf Nath	Lab.Bearer	Male	2 months	2 months
48.	Ms.Heena Syeed	Helper	Female	2 months	2 months
49.	Fayaz Ahmad	Lab Assistant	Male	2 months	2 months
50.	Mr. Gh. Rasool Hajam	Local Fund Employee	Male	26 years	26 years
51.	Mr. Manzoor Ahamd Dar	Local Fund Employee	Male	19 years	19 years
52.	Mr. Gh. Rasool Bhat	Local Fund Employee	Male	25 years	25 years
53.	Mr. Showkat Ahmad Hajam	Local Fund Employee	Male	19 years	19 years
54.	Mr. Ab. Majid Dhobi	Local Fund Employee	Male	19 years	19 years
55.	Mr. Riyaz Ahmad Dar	Local Fund Employee	Male	14 years	14 years
56.	Ms. Bilkeesa Akhter	Local Fund Employee	Female	18 years	18 years
57.	Ms. Hasina Akhter	Local Fund Employee	Female	25 years	25 years
58.	Mr. Parvaiz Ahmad Beg	Local Fund Employee	Male	20 years	20 years
59.	Mr. Javaid Iqbal Mir	Local Fund Employee	Male	14 years	14 years
60.	Mr. Bashir Ahmad Wani	Local Fund Employee	Male	14 years	14 years

61.	Mr. Himayat Rafiq	Local Fund Employee	Male	14 years	14 years
62.	Mr. Rayees Ahmad Mir	Local Fund Employee	Male	13 years	13 years
63.	Mr. Abid Hussain Shah	Local Fund Employee	Male	12 years	12 years
64.	Mr. Farzan Ahmad Bhat	Local Fund Employee14	Male	14 years	14 years
65.	Mr. Mehmood Ahmad War	Local Fund Employee	Male	14 Years	14 Years
66.	Ms. Ulfat Jan	Local Fund Employee	Female	14 years	14 years
67.	Ms. Nusrat Jabeen	Local Fund Employee	Female	12 years	12 years
68.	Mr. Younis Ahmad Shah	Local Fund Employee	Male	14 years	14 years
69.	Ms. Rakshanda Akhter	Local Fund Employee	Female	14 years	14 years
70.	Ms. Shaheena Akhter	Local Fund Employee	Female	14 years	14 years
71.	Ms. Mirjana Bano	Local Fund Employee	Female	10 years	10 years
72.	Mr. Mehraj-ud-din Sheikh	Local Fund Employee	Male	17 years	17 years
73.	Mr. Zahoor Ahmad Dar	Local Fund Employee	Male	24 years	24 years
74.	Mr. Zahoor Ahmad Teeli	Local Fund Employee	Male	15 years	15 years
75.	Mr. Zahoor Ahmad Khanday	Local Fund Employee	Male	12 years	12 years
76.	Mr. Raja Afaq Ahmad Rather	Local Fund Employee	Male	15 years	15 years
77.	Ms. Gulshan Akhter	Local Fund Employee	Female	14 years	14 years
78.	Ms. Tabasum Manzoor	Local Fund Employee	Female	14 years	14 years
79.	Mr. Arif Ahmad Hajam	Local Fund Employee	Male	14 years	14 years
80.	Mr. Mohd Iqbal Mir	Local Fund Employee	Male	14 years	14 years
81.	Mr. Syed Muntazir	Local Fund Employee	Male	13 years	13 years
82.	Mr. Ehsan-ul-Haq	Local Fund Employee	Male	14 years	14 years
83.	Mr. Suhail Ahmad Shah	Local Fund	Male	12 years	12 years

		Employee			
84.	Mr. Manzoor Ahmad Najar	Local Fund Employee	Male	14 years	14 years
85.	Mr. Farooq Ahmad Shah	Local Fund Employee	Male	14 years	14 years
86.	Mr. Mushtaq Ahmad Bandh	Local Fund Employee	Male	12 years	12 years
87.	Mr. Mushtaq Ahmad Shah	Local Fund Employee	Male	14 years	14 years
88.	Mr. Arif Aziz	Local Fund Employee	Male	09 years	09 years
89.	Mr. Rameez Ahmad Rather	Local Fund Employee	Male	09 years	09 years
90.	Ms. Meema Akhter	Local Fund Employee	Female	14 years	14 years
91.	Mr. Gh. Mohi-ud-din Sheikh	Local Fund Employee	Male	15 years	15 years
92.	Mr. Ali Mohd Sheikh	Local Fund Employee	Male	15 years	15 years
93.	Mr. Javaid Ahm ad Sheikh	Local Fund Employee	Male	16 years	16 years
94.	Mr. Sajad Ahmad Sheikh	Local Fund Employee	Male	15 years	15 years
95.	Mr. Bilal Ahmad Sheikh	Local Fund Employee	Male	11 years	11 years

8. Ratio of Teaching/Non-teaching staff: 105/95

9. Interaction with industry:

10. MoUs in Place with Industry or Skill Enhancement Centres /Institutions:

MoUs in Place with Industry or Skill Enhancement Centres /Institutions:
SPEAK (NGO)
Kashphytochem Research Centre Pvt. Ltd
Islamic University of Science and Technology, Awantipora
Municipal Council Anantnag

11. Existence of Research centre/ Hub/Incubation centers:

Incubation center is an initial stage. The line of innovation chosen is dairy technology, Food and Food processing. Almost 60% of the required equipments have been purchased and a corporate space for research and innovation has been established. Rest of the equipments will be made available as soon as possible and the center will be made operational.

Three well established labs with modern equipments are available in the college. Were in the research is currently being carried out. Faculty members with research background are continuously

pursing their research and are publishing research articles in national and international Scopus/SCI Journals. Few of the faculty members are acting as co-supervisors to Ph. D Progrmees. Most of the researchers have submitted their research proposals to various funding agencies like DST, DBT, SERB, UGC etc. Furthermore, some of the faculty members have research collaboration with national and international scientists.

INSTITUTIONAL DEVELOPMENT PROPOSAL (IDP) for NEP 2020

1.INFRASTRUCTURAL RESOURCES AVAILABLE IN THE INSTITUTION:

Infrastructure	Linked Photo
Social Science Block	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Classrooms-Block-A.jpg
Classrooms-Examination Block	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Classrooms-Block-Examination.jpg
Classrooms-Block B	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Classrooms-Block-B.jpg
Classrooms-Block C	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Classrooms-Block-C.jpg
Classrooms-BlockB Extended	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Classrooms-Block-B-New.jpg
Department of Botany	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Dept-Botany.jpg
Department of Zoology	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Dept-Zoology.jpg
Department of Chemistry	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Dept-Chemistry.jpg
Department of Biotechnology	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Dept-Biotechnology.jpg
Department of BMMMC	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Dept-MMMC.jpg
Department of Statistics	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Dept-Statistics.jpg
Department of Mathematics	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Dept-Mathematics.jpg
Department of English	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Dept-English.jpg
Department of Commerce and Electronics	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Dept-Comm-Elect.jpg
Department of Physics	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Dept-Physics.jpg
Department of Geography, Geology and Computer Applications	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Dept-Geog-Comp-Geol.jpg
Department of Sports and Physical Education	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Dept-PhysicalEducation.jpg
Central Library	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Library-Central.jpg
Girls Hostel	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Hostel-Girls.jpg
Boys Hostel Old	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Hostel-Boys-Old.jpg
Boys Hostel New	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Hostel-Boys-New.jpg
Auditorium	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Auditorium.jpg
Conference / Seminar Hall	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Hall-Seminar.jpg

EDUSET /Audio Visual Hall	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Centre-AudioVisual.jpg
Language Lab/ Browsing Centre	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/LAB-Language-Browsing.jpg
Zoology Museum	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Museum-Zoology.jpg
Geology Museum	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Museum-Geology.jpg
Botany Museum	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Museum-Botany.jpg
GIS Lab	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Lab-GIS-1.jpg
GIS Lab	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Lab-GIS-2.jpg
Media Studio	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Studio-MediaProduction.jpg
Experimental Field	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Field-Experimental.jpg
Admission Section	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Section-Admission.jpg
IT Support Centre	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Centre-IT-Support.jpg
Career Counseling Cell	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Cell-Career-Counselling.jpg
Girls Common Room	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Room-Girls.jpg
Room for Differently Abled Students	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Room-DifferentlyAbled.jpg
College Canteen	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/College-Canteen.jpg
Safe Drinking Water	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Drinking-SafeWater.jpg
Toilet Block College Entrance	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Toilet-Block-Entrance.jpg
Toilet Block Block-A	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Toilet-Block-A.jpg
Toilet Block Block-C	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Toilet-Block-C.jpg
Toilet Block BCA-Geography	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Toilet-Block-BCA.jpg
Toilet Block Hostel	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Toilet-Block-Hostel.jpg
Toilet Differently Abled	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Toilet-Differently-Abled.jpg
Toilet Girls 1	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Toilet-Girls1.jpg
Toilet Girls 2	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Toilet-Girls2.jpg
Toilet Girls 3	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Toilet-Girls3.jpg
Solar Water Heating System	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Solar-Water-Heater.jpg

NSS/NCC Room	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Room-NCC-NSS.jpg
Medical Aid Centre	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Centre-MedicalAid.jpg
Yoga Centre	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Centre-Yoga.jpg
Gym	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Sports-Gym.jpg
TT Hall	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Sports-Hall-TT.jpg
Cricket Ground	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Sports-Ground-Cricket.jpg
Cricket Net Practice	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Sports-Cricket-NetPractice.jpg
Mechanical Roller	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Sports-Roller.jpg
Football Ground	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Sports-Ground-Football.jpg
Hockey Ground	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Sports-Ground-Hockey.jpg
Badminton Court	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Sports-Court-Badminton.jpg
Volleyball Court	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Sports-Court-Volleyball.jpg
Botanical Garden	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Garden-Botanical.jpg
Herbal Garden	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Garden-Herbal.jpg
NCC Park	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Park-NCC.jpg
NSS Park	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Park-NSS.jpg
Girls Park	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Park-Girls.jpg
Principal Park	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Park-Principal.jpg
Fountain Part	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Park-Fountain.jpg
Principals Office	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Principal-Office.jpg
Administrative Block	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Section-Administration.jpg
IQAC Room	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Room-IQAC.jpg
Common Staff Room	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/StaffRoom-BlockA.jpg
Workstation	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/WorkStation-BlockA.jpg
Ignou Study Center	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Centre-IGNOU.jpg
College Store	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/College-Stores.jpg
Generator Auditorium	College http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Generator-1.jpg
Generator Section	Administration http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Generator-2.jpg
Workshop	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Workshop-Coal.jpg

Rain Water Harvesting	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Rain-Water-Harvest.jpg
Mini Press	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/MiniPress.jpg
Staff/ Student Vehicle Parking	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/College-Parking.jpg
ATM Facility	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/ATM.jpg
College Bus	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/College-Bus.jpg
Student Xerox Facility	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Xerox.jpg
New Multistory Science Block	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/New-Block-Science.jpg
New Gym Canteen Block	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/New-GymCanteen.jpg

a) TEACHING-LEARNING RESOURCES IN PLACE

- Total Land Available (in Kanals): **250 Kanals**
- Total Built up Area: **17517.19 Sq. metres**
- Number of Classrooms: **43**
- Library Block with Surface Area: **93^F*56^F (Double Storey)**
- Resources / Automation/ Details of books/journals/ Subscriptions/ Learning resources/Library Management system:

The college has one of the oldest and finest **fully automated library** with a huge collection of more than **67,000 titles** comprising of text books, reference books and very rare manuscripts. The students also have Xerox facility available in the library on concession rates. The college has more than **200 computer** systems at the disposal of students. The college central library has a long back history of more than sixty five years. It had its beginning when the college was established in the year **1950**. Since then the library is catering needs of wide spectrum of users and continuously expanding its horizons in terms of collection, services and operations. This library is housed in a newly constructed building comprising of three spacious sections. It has the privilege of being the largest library in the district and second in the division after the library of University of Kashmir with a rich collection of more than **sixty seven thousand text books**, reference books, magazines and periodicals. In addition issue and return of documents/books, the library offers various other services like reference service, current awareness service, etc. Reprographic facility, browsing centre and **Wi-Fi facility** is also made available for the stakeholders. The library has a spacious reading room housed in the old block where newspapers, magazines and career related books are kept for reading. In addition to the general collection the library has a good collection of rare books dating back to nineteenth and twentieth century. The library has also established a "**Best Seller**" **book corner**. To keep abreast with the latest developments in information and communication technologies the library is fully automated and all the circulation operations are carried out using **KOHA software**. For easy access and retrieval offline **OPAC** is available in the college library and also on the college website.

*Library Automation, Year of Automation: 2015 , Name of ILMS: KOHA , Version of ILMS: 3.11
Nature of Automation: Circulation Fully Automated, No. of Resources Automated: 43,000*

- E-contents:

Name of the faculty	Name of Subject	E Content Developed at
Dr. Javaid Ahmad Reshi	Development of E Content in the Subject Statistics	Govt. Women College M.A Road Srinagar, Cluster University of Kashmir, Srinagar
Imitiyaz Ahmad Lone	Development of E Content in the Subject Kashmiri	Govt. Women College M.A Road Srinagar, Cluster University of Kashmir, Srinagar
Dr. Kaneez Fatima	Development of E Content in the Subject Economics	Govt. Degree College Pulwama
Irshad Ahmad Sheikh	Development of E Content in the Subject Economics	Govt. Degree College Pulwama
Mr. Zahid Gulzar	Development of E Content in the Subject Economics	Govt. Degree College Pulwama
Riyaz Ahmad Shah	Development of E Content in the Subject Mathematics	Govt. Women College M.A Road Srinagar, Cluster University of Kashmir, Srinagar
Mr. Mudasir Ahmad Bhat	Development of E Content Kashmir Division in the subject of Mathematics	Govt. Women College M.A Road Srinagar, Cluster University of Kashmir, Srinagar
Mr. Syed Javaid	Development of E Content Kashmir Division in the subject of Zoology	Govt. Women College M.A Road Srinagar, Cluster University of Kashmir, Srinagar
Mr. Arshid Ahmad Bhat	Development of E Content Kashmir Division in the subject of Computer Applications	Govt. Women College M.A Road Srinagar, Cluster University of Kashmir, Srinagar
Mr. Nisar Ahmad Bhat	Development of E Content in the Subject Kashmiri	Govt. Women College M.A Road Srinagar, Cluster University of Kashmir, Srinagar
Khurshid Ahmad Mir	Development of E Content in the Subject political Science	Govt. Women College Zukura, Srinagar
Kowsar Ahmad Ganie	Development of E Content in the Subject History	Amar Singh College, Cluster University of Kashmir, Srinagar
Sameena Ismail	Development of E Content in the Subject Biotechnology	Govt. Women College M.A Road Srinagar, Cluster University of Kashmir, Srinagar
Dr. Mohd Ashraf Khan	Development of E Content in the Subject Biotechnology	Govt. Women College M.A Road Srinagar, Cluster University of Kashmir, Srinagar
Dr. Minveria Ghani	Development of E Content in the Subject Biotechnology	Govt. Women College M.A Road Srinagar, Cluster University of Kashmir, Srinagar
Mir Khurshru	Development of E Content in the Subject Botany	Govt. Women College M.A Road Srinagar, Cluster University of Kashmir

- Auditorium with Built up area: 1000 sq metres.

Auditorium	http://gdcboysang.ac.in/IQAC/AQAR-20/C4/Infrastructure/Auditorium.jpg
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- Physical Sciences Block with area & equipment details: **80^F * 60^F (Double storey)**

S. No.	Name of the Equipment/Apparatus/Experiment
1	Michelson's interferometer with diode laser
2	Resolving power of telescope with sodium light source
3	Newton's rings apparatus
4	Determination of band gap using semiconductor diode
5	Moment of inertia of a fly wheel
6	Sonometer setup (frequency of tuning fork and AC mains)
7	Magnetic field along the axis of a circular coil.
8	Vibration & deflection magnetometer
9	Telescope mounted with horizontal and vertical adjustment
10	LCR Circuit
11	Screw gauge and Vernier calliper
12	Logic gates
13	Plank's constant by LED
14	Zener diode characteristics
15	Travelling microscope and self- adjustable slit
16	Value of (g) by using bar pendulum
17	Value of (g) by using Kater's pendulum
18	Carey Foster's Bridge experiment
19	Young's modulus by bending beam apparatus
20	MOSFET
21	JFET
22	Transistor characteristics equipment
23	Variation of total thermal radiation with temperature apparatus
24	Diode characteristics
25	Half wave/Full wave rectifier
26	Maxwell's Needle apparatus
27	Heating efficiency of an electrical kettle
28	Dielectric constant measurement set-up
29	Determination of Planck's constant by solar cell
30	Determination of e/m by Thomson method
31	Melde's Experiment
32	Four probe method experiment

- Biosciences Block with area & Lab. Equip Details:
Bioscience A: Botany =100^F * 40^F (Double storey)
Bioscience B: Zoology =100^F * 40^F (Double storey)
Bioscience C: Chemistry =80^F * 40^F (Double storey)
Bioscience D: Biotechnology =60^F * 25^F (Double storey)

S.No	Name of the Equipment	Nos
1.	Stereoscopic zoom Microscope Olympus TZM	6
2.	Tissue Homogenizer	10
3.	Aquariums for Toxicological Research	12
4.	Refrigerated incubator shaker	4
5.	Electrophoresis units	3
6.	Thermocycler	2
7.	Laminar Flow	2
8.	Microscopes	30
9.	Microtomes for Pathological/parasitological Research	5
10.	Water Quality & Soil Quality Digital Probes	4
11.	Dissection Microscopes	6
12.	Insect Collection Instruments	8
13.	Projector	1
14.	Refrigerator	02
15.	Soxhlet Apparatus	06
16.	Insect trapping Kit	03
17.	Zoology Survey Field Survey Kit	01
18.	Ecological Survey Field Kt	01
19.	Photometer	02
20.	Parasitology Survey Field Kit	01
21.	Cocoon sorting table	10
22.	Hot Air Drier	01
23.	Pressing Disc	01
24.	Wet and dry thermometer	04
25.	Chawki rearing trays	01
26.	Feeding Stand	01
27.	Leaf chopping board Leaf chopping knife	03
28.	Disinfection mask	01
29.	bamboo baskets	04
30.	Refrigerator	01
31.	UV-Visible Spectrophotometers	02
32.	Digital Rotary Evaporator with Diaphragm Pump	01
33.	Double Distillation Assembly	02
34.	Centrifuge	01
35.	Digital Hot Plate	03
36.	Conductometers	04
37.	pH Meters	03
38.	Potentiometers	02
39.	Digital Fume hoods	03
40.	Digital Melting Point Apparatus	03
41.	UV Chromatography Chamber	01
42.	Magnetic Stirrers	03
43.	Vacuum Pump	01
44.	Water Bath	01
45.	Stop Watches	11
46.	Hot Air Ovens	02
47.	Laboratory Refrigerator	01

48.	Recirculating Chiller	01
49.	Chromatography Cabinet	01
50.	Online UPS 6KV with 16 batteries	01
51.	Thermal cycler (PCR)	01
52.	Refrigerated Micro centrifuge with Stabilizer	02 (01 each)
53.	UV-visible Spectrophotometer	01
54.	Electrophoretic Unit with casting tray- (Vertical)	01
55.	Electrophoretic Unit- (Horizontal)	01
56.	Electro transfer-mini dual	01
57.	Rocker	01
58.	UV Transilluminator	01
59.	Deep freezer with stabilizer(-80)	01
60.	Deep freezer (-20)	01
61.	BOD Incubator	02 (01 each)
62.	Incubator (bacteriological)	01
63.	Shaker incubator with stabilizer	01
64.	Trinocular microscope with camera	01
65.	Photoperiodic chamber (Tissue culture rack)	02 (01 each)
66.	Laminar Air flow (Horizontal)	01
67.	Laminar Air flow (Vertical)	01
68.	Fume Hood	01
69.	Hot air oven	01
70.	Microwave Oven	01
71.	Ice flaker	01
72.	Soxhlet extraction unit (6 flasks)	01
73.	Tripple distillation unit	01
74.	Dry bath	01
75.	Digital water bath	01
76.	Water bath serological	01
77.	Autoclave	02 (01 each)
78.	Double door refrigerator	01
79.	Refrigerator	01
80.	Magnetic stirrer	01 each
81.	Spin win	01
82.	Vortex mixer	01
83.	Digital photo colorimeter	01
84.	Ultrasonic bath	01
85.	Tissue homogenizer	01
86.	Colony counter	01
87.	pH meter	03
88.	Electronic balance	01
89.	Weighing balance	01
90.	Cryocan	01
91.	Mixer Juicer Grinder	01
92.	Haemocytometers	05
93.	Electrophoresis powerpack	01
94.	Fire extinguisher	01
95.	Micropipettes (different)	02 sets (01 each)
96.	Paper chromatography chamber and TLC	01
97.	Digital thermometer	01
98.	LG Smart Board	01

99.	Desktop with CPU, printer and keyboard	01 each
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- Earth Sciences Block with area & and labs:

S.NO.	Name of the equipment	Number
1.	Contour Maps	10
2.	3D Relief Models	02
3.	Theodolite	01
4.	Dumpy Level	03
5.	Wind Vane	01
6.	Digital Altimeter	01
7.	Printer LBP	01
8.	Desktop Monitor	01
9.	Plane Table with Tripod stands	07
10.	Iron Chains	12
11.	Tapes	08
12.	Ranging Rods	19
13.	Set Squares	43
14.	Geometry Boxes	90
15.	Prismatic Compass	06
16.	Diagonal Scales	03
17.	Maps of the Continents	08
18.	Globes	04
19.	Map Storage stands	02
20.	Models	30
21.	Camera	01
22.	Slide Projectors	02
23.	Humidity Indicator	02
24.	Thermometers	07
25.	Binoculars	01
26.	Atlas' of the World	09
27.	Tents	08
28.	Sleeping Bags	17
29.	Maps of India	11
30.	Weather Maps	05
31.	Charts	12
32.	TV	01
33.	Transformer	02
34.	VCR	01
35.	Computers	01
36.	Photophonic Overhead Projector	01
37.	Barometer	01
38.	3D Models	02
39.	Plane Table	10
40.	Prismatic Compass	10

41.	Dumpy Level	02
42.	Theodolite	01
43.	Globes	12
44.	Latest Geomorphic, Oceanic and Climatic Models	40
45.	Binoculars	01
46.	GPS Simple	01
47.	Wind Vane	01
48.	Overhead Projector	01
49.	Mirror Stereoscope	04
50.	Aerial Photographs	20
51.	UPS	01
52.	GPS Garmin	01
53.	GPS Trimble	02
54.	Laminated Maps (India, Continents, World)	11
55.	Polyart Plastic Maps	3 sets
56.	Maps of Jammu and Kashmir	10
57.	Climate and Weather Maps	34
58.	Geographical Charts	30
59.	New Equipments added in 2018	Total Station (Digital, All in One)
60.	No. of computers	31
61.	No. of printers	01
62.	High Precision Petrological Microscopes	02
63.	Charts, Maps (Geological, Mineral Resource Maps)	30
64.	Crystal Models	07
65.	Mineral Hand specimens	130
66.	Rock hand specimens	160
67.	Hardness Box (Moho's Scale of Hardness)	02
68.	Brunton Compass	10
69.	Scientific Chisel Hammer	10
70.	Haver Sack (Field Bags)	05

- Social sciences Block with area: **180^F * 40^F (Double storey)**
- Skill rooms/labs with area: **60^F * 30^F**
- Language Lab with area: **60^F * 20^F**
- Seminar Hall with area: **100^F * 30^F**
- Museums/Pond/Botanical Garden with area:

Three Museums (01-Geology, 01-Zoology, and 01-Botany) have rich collections of models and specimens. Botanical Garden, Herbal Garden, Experimental Fields are available to the students for field work.

- Details of Academic Monitoring Mechanism and Audit:
- Details of Academic Audit, Environmental Audit, Energy Audit and Infrastructure Audit:

Add a special note on Infrastructural sufficiency /deficiency.

b) DIGITAL RESOURCES

- Browsing Center with area : $60^F * 20^F$

The modern day education is incomplete without the use of Internet for supplementing the knowledge base of both faculty and the students. Browsing centre has been established for catering to the ever increasing demand for Internet facility. For a long time, it was felt that the use of dial-up connection and GPRS are inadequate for accessing the vast resources on the global Internet. The Library also has a fully functional browsing centre with 10 Mbps Internet connectivity where students can browse and download relevant information/ material at a very fast speed. Therefore to fully exploit the potential of Internet for teaching learning, an overall development of faculty & students, R&D, close coordination among stakeholders, increase communication, speed and quality; the college procured 10 Mbps Internet Leased Line ILL(1:4) from Bharat Sanchar Nigham Limited.

Details /No of Computers: **35 in browsing centre.**

Printing Facility: **one Xerox machine, Three printers**

Server: **30 MBPS**

- No. of Smart Class Rooms: **34**
- Details of Wi-Fi /Internet Connectivity:
The Library also has a fully functional browsing centre with 10 Mbps Internet connectivity where students can browse and download relevant information/ material at a very fast speed. Therefore to fully exploit the potential of Internet for teaching learning, an overall development of faculty & students, R&D, close coordination among stakeholders, increase communication, speed and quality; the college procured 10 Mbps Internet Leased Line ILL(1:4) from Bharat Sanchar Nigham Limited.
The infrastructure for 4G compatible Wi-Fi services has been installed throughout the college Campus. All departments have been connected with internet through Wi-Fi service provided by Reliance Jio.
- Vibrant and updated website: <http://www.gdcboysang.ac.in/index.php>
- E-content developing Resources:

Add a note on Internet connectivity of Campus and computer coverage

c. BUDGETARY ALLOCATION UNDER VARIOUS HEADS (LAST THREE YEARS)

S. No.	BUDGET HEAD	AMOUNT ALOTTED		
		2019-20	2020-21	2021-22
1	CAPEX (PLAN)			
	LAND ACQUISITION	Nil	Nil	Nil
	CONSTRUCTION (with Details)	204.29 lakhs	647.01 lakhs	162.37 lakhs
	MACHINERY & EQUIPMENT	23.83 lakhs	9.50 lakhs	9.0 lakhs
2	REVENUE (NON-PLAN)			
	SALARY	1903 lakhs	1401 lakhs	1012 lakhs

d) STUDENT SUPPORT SERVICES

- No. of Hostel (Boys/Girls) with built up area: **03 HOSTELS**
- Playfields with area: **11,312 Sq. meters.**
- Indoor Stadium with Health club: **YES**
- Dispensary with built up area: **20^F * 20^F**
- Canteen Block with built up area: **80^F * 50^F**
- Girls Common Room with area: **30^F * 20^F**
- Toilet Blocks (B/G) with built up area:
- Facilities for specially-abled: **YES**
- Central Instrumentation facility:
- Career Counseling/Placement Cell: **YES**
- Centralized Computational Setup: **YES**
- Dean Student welfare (Student welfare Schemes); **YES**
- Scholarship/Financial Aid (Number of existing beneficiaries with quantum of financial support):

Year	Name of the scheme	Number of students benefited by government scheme and amount	
		Number of students	Amount
2020	POST MATRIC SCHOLARSHIP SCHEMES MINORITIES CS	421	2526000
Year	Name of the scheme	Number of students benefited by the institution's schemes and amount	
		Number of students	Amount
2020-21	COLLEGE FINANCIAL AID	202	248700

- Student mentoring system: YES
<http://www.gdcboysang.ac.in/IQAC/AQAR-20/C2/2.3.3b.pdf>
- Participation of Students in State / National / International events(Supports/Debates/Competitions etc.):

S.NO.	Students participation in Supports/Debates/Competitions
1.	Participation in National Voters Day
2.	College Campus Cleanliness Drive
3.	Plantation Drive
4.	Celebration of “National Voters Day”
5.	Distribution of face masks and Sanitizers
6.	Pasting of COVID-19 information posters
7.	Painting competition on the eve of “World AIDS Day”
8.	An Inter-College Online Quiz Competition
9.	Pandemics in History and lessons learnt thereof
10.	PG Entrance Mock Tests
11.	Online JKSSB Accounts Assistant Examination Coaching
12.	Webinar on “Digital Marketing”
13.	Webinar “Money Management & Career Opportunities Post COVID Scenario”
14.	Seminar on " Inculcating Scientific Temper and innovation Among Minded Major Challenges"
15.	New Emerging Technological Interventions For Skill Development in Biological Sciences
16.	Emerging Aspects in Parasitology: A Shift in Approach
17.	“Strong Immunity and Positive Mental Health - Two sides of same coin”
18.	seminar on "Personality development " in collaboration with Associations of Muslim Professionals
19.	Seminar on " International Career Opportunities and Fellowships of UG & PG Asprints"
20.	Religious Perspective on Stress Management During COVID Times
21.	one day webinar on "New Emerging Technological Interventions for Skill Development in Biological Sciences"
22.	Virtual Programme on Career Guidance & Counseling
23.	“Progress of India Post Independence” under Azadi Ka Amrit Mahotsav
24.	World Health Day
25.	“HOW TO CRACK AN INTERVIEW: SECRETS, TIPS & STEPS’
26.	WRITING/ESSAY COMPETITION on the eve of WORLD ENVIRONMENTAL DAY 2021
27.	Inculcating Scientific Temper & Innovation Among Young Minds-Major Challenges” conducted by Deptt. of Zoology, Govt. Degree College, Anantnag
28.	Yoga Day Celebration
29.	RTI AS A TOOL FOR GOOD GOVERNANCE
30.	“International Day against Drug Abuse And Illicit Trafficking”
31.	Awareness session on National Help Line for senior citizens
32.	Ani-Polythene Cleanness drive in the college campus
33.	Awareness About HIV: Do’s and Don’ts
34.	Essay Competition on National Anthem as a tool for National integration
35.	Hoisting of National Flag in College Campus
36.	Teachers Day-5th September, 2021
37.	Significance of Fundamental Duties I

38.	<u>Significance of Fundamental Duties II</u>
39.	<u>Rights of Senior Citizens.</u>
40.	<u>Observance of Student's Day- Painting Competition and Legal Awareness on "Anti-Ragging Laws".</u>
41.	<u>CELEBRATION OF ICONIC WEEK UNDER THE BANNER 'AZADI KA AMRIT MAHOTSAV' 75TH ANNIVERSARY OF INDIA'S INDEPENDENCE</u> Sheikh-Ul-Alam& Kashmiri Language
42.	Rashtriya Ekta Diwas (National Unity Day)
43.	MEET THE FOSSIL MEN
44.	Celebration of the Constitution Day
45.	Cyber Jaagrukta Divas

- Feedback System:
Feedback taken from Students, Teachers, parents and Alumni.
Feedback collected, analyzed and action taken report available on website:
<http://www.gdcboysang.ac.in/IQAC/AQAR-20/C2/2.7.1.pdf>
- Extension and community outreach:

S.NO.	Name of the Extension and community outreach Programs
1.	Distribution of face masks and Sanitizers
2.	Pasting of COVID-19 information posters
3.	Webinar "Money Management & Career Opportunities Post COVID Scenario"
4.	Seminar on " International Career Opportunities and Fellowships of UG & PG Aspirants"
5.	Religious Perspective on Stress Management During COVID Times
6.	Virtual Programme on Career Guidance & Counseling
7.	"HOW TO CRACK AN INTERVIEW: SECRETS, TIPS & STEPS"
8.	WRITING/ESSAY COMPETITION on the eve of WORLD ENVIRONMENTAL DAY 2021
9.	Inculcating Scientific Temper & Innovation Among Young Minds-Major Challenges" conducted by Deptt. of Zoology, Govt. Degree College, Anantnag
10.	Yoga Day Celebration
11.	"International Day against Drug Abuse And Illicit Trafficking"
12.	Anti-Polythene Cleanness drive in the college campus
13.	Awareness About HIV: Do's and Don'ts
14.	<u>Observance of Student's Day- Painting Competition and Legal Awareness on "Anti-Ragging Laws".</u>

- Students grievances redressal mechanism:

The institution does not facilitate the formation of student council which stands banned due to the political sensitivity of the UT. However, the College offers numerous opportunities for students to participate in a wide range of co-curricular, extra-curricular, and community development activities. One student representative is nominated from each section called as Class Representative (CR). CRs act as an interface between the students and the College administration. They smoothly coordinate feedback from their classes on different student support programs. Their concerns are taken into account for various decisions. CRs are frequently invited for participation in meetings regarding, course completion, examination, hostel

accommodation etc. Students actively participate in various committees like magazine Publication committee, women development committee, sports committee, and grievance redressal committee.

- Student Progression and placement Details;

Year	Number of Outgoing Student Progressed from UG to PG
2020	162
2021	302
Year	Name of Student Placed
2020-21	262

d) ADMINISTRATIVE AND MANAGEMENT RESOURCES.

- Administrative Block with built up area: $100^F \times 60^F$, $20^F \times 20^F$
- e-governance: **E Office**
- Online admission facility:
The admission process has been computerized. The cashless fee payment facility is one of the many steps towards transparency ease of access as part of the flagship e-Governance project.
- Office Management System/ e-management:
- Accounts section/ Financial Audit:
The mechanism for the audit is as per the directions and guidelines of the UGC and higher education department, Government of J & K. The College has a committee for internal audit. The income and expenditure of different heads are regularly audited. The income and expenditure of State grants and UGC is also audited every year. CA and external audit in which an audit team from the Department of Finance, Government of J & K visits the college. The team monitors the purchase and expenses incurred from funds generated through fees, UGC and State grants. The last audit was done in 2020-2021 by CA and Department of Finance, Government of J & K.
 - Staff Welfare Schemes: *Scholarships, Financial Aid, Hostel Accommodation*
- College Lawns / Parks with Area:

Campus under green coverage

S/No	Name of the Site	Total area under coverage (sqmts)
1.	Chinar Park I (Near Main Gate)	1447 (sqmts)
2.	Fountain Park	288(sqmts)
3.	Girls Park	403 (sqmts)
4.	Principal Park	391 (sqmts)
5.	Zoology Park	574 (sqmts)
6.	Botanical Park	1093 (sqmts)
7.	NSS	886(sqmts)
8.	Herabl Garden	785 (sqmts)
9.	Chinar Park II	1000 (sqmts)
10.	Library Park	465 (sqmts)
11.	Auditorium Park	1000 (sqmts)
12.	Biotechnology, Chemistry & Zoology Lawns	300 (sqmts)

13.	Play Ground	11312 (sqmts)
14.	Open Space	12680 (sqmts)

Based on GIS Map and manual Survey.

- Road Connectivity:
- Eco friendly campus/Green Campus /Green Audit:

The institutional initiatives for greening the campus are as follows:

1. Restricted entry of automobiles.
2. Use of Bicycles/ Battery powered vehicles
3. Pedestrian Friendly pathways
4. Ban on use of Plastic
5. Landscaping with trees and plants

- Rain water harvesting/Solar Energy:

The Institution has facilities for alternate sources of energy and energy conservation measures: Solar energy, Biogas plant, Wheeling to the Grid, Sensor based energy conservation and Use of LED bulbs.

2. ACTION / STRATEGIC PLANNING

A) SWOT ANALYSIS FOR IMPLEMENTATION OF NEP, 2020.

Strength:

- I. **Strategic Location:** The College is one of the oldest colleges in the Valley located strategically and easily accessible from all the areas of the Valley.
- II. **Sufficient area:** The College has a vast campus spread over 250 Kanals of land with beautiful parks and Botanical/herbal garden and thus making it possible to improve in terms of infrastructure.
- III. **Huge Infrastructure:** The College has an excellent Infrastructure by way of classrooms , laboratories, browsing centre, Career Counseling Cell, Smart Class Rooms , Audio Visual Centre , Fully Automated Library, N-List of online journals, Play fields, Conference Hall and state of Art Auditorium, besides wifi enabled campus.
- IV. The college has been alive to social and market needs while making growth and progress on academic front and has introduced many professional and industry linked courses like BCA, BBA, BMMMC, Biotechnology, Geology and many certificate courses.
- V. **Student support:** The College provides financial support to meritorious and students of weaker sections of the society annually. The college caters to the needs of students belonging to different classes.
- VI. The college makes its presence felt in the society by organizing extension programs on disaster management, sanitation, health and diseases and by adopting small villages.
- VII. **Faculty Encouragement:** Appreciation and recognition of faculty work is an annual feature.

Weakness:

- I. **Academic Freedom:** The undergraduate colleges are constrained by their affiliated status, in terms of autonomy and space, which makes it difficult for them to adapt, to innovate and to evolve.
- II. **Transferable Permanent Teaching Faculty:** Permanent nature of job and non-transferability of teaching positions help faculty members to contribute more efficiently towards the development of Institution.
- III. **Few PG courses:** Though the College is already on the path of Excellence, the main predicament that serves as a bottleneck for its development is the non-existence of PG courses despite the fact that the College has adequate infrastructure supplemented with latest technological tools and is fully capable of running PG Courses in the Arts Streams, if not in Science where Lab. component plays a significant and pivotal role.
- IV. **Flood Prone Area:** The location of the college is flood prone making its infrastructure vulnerable. The deluge of September 2014 was a setback to college infrastructure.
- V. The admission policy of the welfare state affects quality teaching learning as enrolment exceeds the caring capacity of the college.

Opportunity:

- I. **Research:** The College has a huge scope for undertaking academic and industry research; given that the laboratories are well equipped and most of the newly recruited permanent faculty members have research experience. Moreover, there are some faculty members who have also done PDF.
- II. **Autonomous College Status:** The college has got an opportunity to upgrade its laboratories and sports gear by making judicious use of funds from the UGC under CPE for next 05 years. Since UGC has conferred us with CPE status, the College is leaving no stone unturned to march towards Autonomous status and eventually be a Deemed University in near future.
- III. **Enhancement of employability of students:** By establishing Skill Institute, college can link with Industry by signing MOUs to impart skill to its students and make them employable.
- IV. The college has about 30 posts available which can be used to introduce new employable courses.

Threats:

- I. Disruption of adherence to academic calendar
- II. Affiliation procedure with the university hampers the introduction of new academic courses in time.
- III. To decrease the rate of absenteeism in the colleges.
- IV. External pressures to enroll students beyond its capacity.
- V. Enhance industry-academia

B} Action plan for successful implementation of NEP 2020.

Write in detail the programmes / course that can be started in the institution from the academic session 2022 for the 4-Year UG / Modified 3-Year UG for which the Faculty, Support staff and Infrastructure is available in the institution and for which least handholding or funding is required. Further the courses with exit options after one year (as Certificate course), two year (as Diploma course), Three years (as Advance Diploma course) and Four years Degree course with research work should be mentioned along with credit weightage. Suggestions from the concerned faculty of the identified course for curriculum reframing may be attached.

□ Introduction of Programmes / Courses with planned intake:

S.No.	Programs (UG, IG, PG, B.VOC) with Details	Subjects offered	Duration (Years)	Proposed Intake	No. of Credits for the Programme	Level/Exit Option at Multiple Exit Points
1.	UG	BCA Hon's	4	50	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
2.	UG	B.SC. IT Hon's	4	50	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
3.	UG	BBA Hon's	4	50	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=

						Bachelor in Hon's with Research
4.	PG	PG COMMERCE	2	50	96	NIL
5.	UG	B.COM Hon's	4	50	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years= Bachelor in Hon's with Research
6.	UG	BMMMC Hon's	4	50	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years= Bachelor in Hon's with Research
7.	UG	B.A ENGLISH Hon's	4	50	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years= Bachelor in Hon's with Research
8.	UG	B.A ARABIC Hon's	4	50	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years= Bachelor in Hon's with Research
9.	UG	B.A URDU Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=

						Bachelor in Hon's with Research
10.	UG	B.A PERSAIN Hon's	4	50	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
11.	UG	B.A KASHMIRI Hon's	4	50	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
12.	UG	B.SC.BOTANY Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
13.	UG	B.SC.BIOTECHNOLOGY Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
14.	UG	B.SC. ZOOLOGY Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research

15.	UG	B.SC. CHEMISTRY Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
16.	UG	B.SC. SERICULTURE Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
17.	UG	B.SC.SEED TECHNOLOGY Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
18.	UG	B.SC.PHYSICS Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
19.	UG	B.A/B.SC.MATH EMATICS Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
20.	UG	B.A/B.SC.STATIS TICS	4	80	196	48 Credits= one year=Certificate Course

		Hon's				100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
21.	UG	B.A/B.SC.GEOGRAPHY Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
22.	UG	B.SC. GEOLOGY Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
23.	UG	B.SC. ENVIRONMENTAL SCIENCE Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
24.	UG	B. A EDUCATION Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
25.	UG	B.A HISTORY Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course

						148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
26.	UG	B.SC. FOOD SCIENCE Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
27.	UG	B.A POLITICAL SCIENCE Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
28.	UG	B.A ECONOMICS Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
29.	UG	B.A ISLAMIC STUDIES Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
30.	UG	B.A SOCIOLOGY Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in

						Hon's 196 Credits=four years= Bachelor in Hon's with Research
31.	UG	B.A SOCIAL WORK Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years= Bachelor in Hon's with Research
32.	UG	B.A PUBLIC ADMINSTRATIO N Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years= Bachelor in Hon's with Research
33.	UG	B.A MUSIC Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years= Bachelor in Hon's with Research
34.	UG	B.A PSYCHOLOGY Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years= Bachelor in Hon's with Research
35.	UG	B.SC. WATER MANAGEMENT Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=

						Bachelor in Hon's with Research
36.	UG	B.SC. BIOCHEMISTRY Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
37.	UG	B.SC. CLINICAL BIOCHEMISTRY Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research

Envisaged role of the institution in light of the socio-cultural ecosystem of the surrounding community:

Improving the Infrastructure in terms of Class Rooms, Laboratories, Library:

The college has a sufficient number of class Rooms, Laboratories and Library for introduction of the above mentioned Programme. Furthermore, college will improve the necessary requirements for improvement of infrastructure.

Arrange faculty with Ph. D in respective fields:

Presently, Fifty percent faculty members have the Ph. D Degree. However, most of faculty members are pursuing their Ph.D's through Part time at reputed Universities.

Arrange supporting staff for running day to day affairs of the Departments:

Presently, our college has sufficient number of non teaching staff for running the daily routine works in the departments.

Arrange technical staff for the Departments:

Most of the non teaching Staff has an expertise in ICT, medical Sciences and agricultural Sciences etc.

Improvement in faculty qualifications:

Most of faculty members are pursuing their Ph.D's through Part time in different reputed Universities.

Improving research capabilities:

Most of the researchers of our college are published their research finding in national and international SCI/Scopus Journals. Also, they are presenting their finding in national and international Conferences. Furthermore, researchers have their research collaboration with national and international scientists. Some of the faculty members are providing their research guidance to the Ph.D scholars of the country.

Introduction of skill course:

Our college had introduced the various embedded skill courses in the academic session 2021. The college will introduce B.Voc. Program in Software Development in the academic session 2022. Under NEP , College will introduce more skill courses and B.Voc. Programmes which will increase the employability of the students.

□ **MOU's with Industry for up-skilling of students/ as training partners:**

Our college had signed the MOU with Islamic University of Science and Technology, Awantipora in the year 2020 for starting up the skill oriented courses. Furthermore, college will collaborate with different industry-academia Organizations.

Actions required by the Institution for implementing NEP, 2020.

□ **Raising of Infrastructure in terms of Class Rooms, Laboratories, Library.**

The college will increase the infrastructure in terms of class Rooms, Laboratories and Library for introduction different Programme in NEP 2020. Furthermore, the Budget allocation for different heads will be proposed.

□ **Curriculum redesigning and reframing to make the programmes multidisciplinary.**

Most of faculty members of our college are the members of BOUGS and Academic Council at affiliating university and Cluster University of Kashmir, Srinagar. Our Faculty members will play an important role for redesigning and reframing the Curriculum of the proposed programmes.

□ **Embedding moral and ethical values/national issues in the curriculum based on holistic approach**

□ **Arranging /improving faculty with research expertise in respective fields.**

Presently, Fifty percent faculty members have the Ph. D Degree. However, most of faculty members are pursuing their Ph.D's through Part time at reputed Universities. In upcoming years, college will improve the faculty with research expertise.

□ **Arranging supporting staff for running day to day affairs of the Departments.**

Presently, our college has sufficient number of non teaching staff for running the daily routine works in the departments. Furthermore, College will submit a requisition regarding the deficient number of non teaching vacancies.

□ **Improvement in faculty qualifications:**

Most of faculty members are pursuing their Ph.D's through Part time in different reputed Universities.

□ **Arranging technical staff for the Departments.**

□ Furthermore, College will submit a requisition regarding the deficient number of non teaching vacancies as per requirement needed at different departments and sections. College will arrange the technical staff in ICT, Medical Sciences, paramedical, pharmacy etc.

□ **Improving research capabilities.**

Most of the researchers of our college are published their research finding in national and international SCI/Scopus Journals. Also, they are presenting their finding in national and international Conferences. Furthermore, researchers have their research collaboration with national and international scientists. Some of the faculty members are providing their research guidance to the Ph.D scholars of the country.

□ **Introduction of new skill/Voc. course.**

Our college had introduced the various embedded skill courses in the academic session 2021. The college will introduce B.Voc. Program in Software Development in the academic session 2022. Under NEP, College will introduce more skill courses and B.Voc. Programmes which will increase the employability of the students.

□ **MOU's with Industry for up-skilling of students/ as training partners.**

Our college had signed the MOU with Islamic University of Science and Technology, Awantipora in the year 2020 for starting up the skill oriented courses. Furthermore, college will collaborate with different industry-academia Organizations.

□ **Improving and enhancing the extension/outreach.**

Our college has daily routine for conducting different Extension Activities and outreach programmes . Under NEP 2020, College will improve and enhance the Extension and outreach Programmes for the betterment of the students and social Community.

In the light of above broader requirements devise the intuitional road map under;

a. Short-term planning:

Within a timeline of three years to be started from Academic Year 2022-23:

As the policy envisages broad based, multi-disciplinary, holistic Under-graduate education with creative and flexible curricula, combinations of subjects with multidisciplinary approach, mention the institutional strategy for optimal utilization of existing resources (Infrastructural/Human/Financial) to start the new credit based courses with multiple entry /exit options (4-Year / Modified 3-Year Bachelors degree with a significant research component in the fourth year or PG) from **academic session 2022**. Credit-wise weightage of the **identified course/s** with exit options after one/two/ three years in terms of Certificate / Diploma / Degree:

The College proposed to implement the below mentioned Programmes in the year 2022-2023:

S.No.	Programs (UG, IG, PG, B.VOC) with Details	Subjects offered	Duration (Years)	Proposed Intake	No. of Credits for the Programme	Level/Exit Option at Multiple Exit Points
1.	UG	BCA Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
2.	B.VOC.	B.VOC. IN SOFTWARE DEVELOPMENT	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
3.	UG	B.SC. IT Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research

4.	UG	BBA Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
5.	PG	PG COMMERCE	2	50	96	NIL
6.	UG	B.COM Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
7.	UG	BMMMC Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
8.	UG	B.A ENGLISH Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
9.	UG	B.A ARABIC Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research

10.	UG	B.A URDU Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
11.	UG	B.A PERSAIN Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
12.	UG	B.A KASHMIRI Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
13.	UG	B.SC.BOTANY Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
14.	UG	B.SC.BIOTECHNOLOGY Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research

15.	UG	B.SC. ZOOLOGY Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
16.	UG	B.SC. CHEMISTRY Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
17.	UG	B.SC. SERICULTURE Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
18.	UG	B.SC.SEED TECHNOLOGY Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
19.	UG	B.SC.PHYSICS Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research

20.	UG	B.A/B.SC.MATHEMATICS Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
21.	UG	B.A/B.SC.STATISTICS Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
22.	UG	B.A/B.SC.GEOGRAPHY Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
23.	UG	B.SC. GEOLOGY Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
24.	UG	B.SC. ENVIRONMENTAL SCIENCE Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research

25.	UG	B. A EDUCATION Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years= Bachelor in Hon's with Research
26.	UG	B.A HISTORY Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years= Bachelor in Hon's with Research
27.	UG	B.SC. FOOD SCIENCE Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years= Bachelor in Hon's with Research
28.	UG	B.A POLITICAL SCIENCE Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years= Bachelor in Hon's with Research
29.	UG	B.A ECONOMICS Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years= Bachelor in Hon's with Research
30.	UG	B.A ISLAMIC STUDIES Hon's	4	80	196	48 Credits= one year=Certificate Course

						100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
31.	UG	B.A SOCIOLOGY Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
32.	UG	B.A SOCIAL WORK Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
33.	UG	B.A PUBLIC ADMINSTRATION Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
34.	UG	B.A MUSIC Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
35.	UG	B.A PSYCOLOGY Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course

						148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
36.	UG	B.SC. WATER MANAGEMENT Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
37.	UG	B.SC. BIOCHEMISTRY Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research
38.	UG	B.SC. CLINICAL BIOCHEMISTRY Hon's	4	80	196	48 Credits= one year=Certificate Course 100 Credits= two years=Diploma Course 148 credits= three years=Bachelor in Hon's 196 Credits=four years=Bachelor in Hon's with Research

An account of Minimal Budgetary Requirements thereof for the same under different heads may also be provided.

S.No	Activity	Grants Required	
		Non-recurring	Recurring
1.	Infrastructure		
	Modernization of existing classrooms	15 lakhs	4 lakhs
	Modernization and strengthening of existing laboratories	15 lakhs	3 lakhs
	Updating of learning/Library Resources	10 lakhs	2 lakhs
	Procurement of furniture	5 lakhs	00
	Establishment/up-gradation of central and departmental computer centers	30 lakhs	2 lakhs
	Modernization and strengthening of libraries and increasing access to knowledge resources	10 lakhs	3 lakhs

2	Faculty development support		
	Faculty and staff development (including faculty qualification up-gradation, pedagogical training and organizing/participation of faculty in workshops, seminars and conferences.	3 lakhs	3 lakhs
3	Academic support		
	Enhanced interaction with industry	2 lakhs	2 lakhs
	Student support activities	7 lakhs	5 lakhs
4	Misc.	3 lakhs	1 lakhs
TOTAL		1 crore	25 Lakhs

b. Medium-Term Planning

Mention the action plan of the Institution to achieve the medium-term goals of NEP, 2020 within a timeline 3 to 6 years so as to evolve on the lines of NEP 2020. A detailed Annual Incremental Action Plan (year-wise strategic action plan) for the same be provided:

The College proposed to implement the below mentioned PG Programmes in the year 2024-2029:

S.No.	Programs (UG, IG, PG, B.VOC) with Details	Subjects offered	Duration (Years)	Proposed Intake	No. of Credits for the Programme
1.	PG	PG CHEMISTRY	2	50	96
2.	PG	MCA	2	50	96
3.	IG	INTEGRATED B.SC./M.SC IT	5	80	244
4.	PG	PG ZOOLOGY	2	50	96
5.	PG	PG BOTANY	2	50	96
6.	PG	PG PHYSICS	2	50	96
7.	PG	PG ENGLISH	2	50	96
8.	PG	PG MATHEMATICS	2	50	96
9.	PG	PG STATISTICS	2	50	96
10.	PG	PG GEOGRAPHY	2	50	96
11.	PG	PG POLITICAL SCIENCE	2	50	96
12.	PG	PG ECONOMICS	2	50	96
13.	PG	PG HISTORY	2	50	96

14.	PG	PG URDU	2	50	96
15.	PG	PG EDUCATION	2	50	96
16.	PG	PG SOCIOLOGY	2	50	96
17.	PG	MBA	2	50	96

An account of Minimal Budgetary Requirements thereof for the same under different heads may also be provided.

S.No.	Activity	Grants Required	
		Non-recurring	Recurring
1.	Infrastructure		
	Modernization of existing classrooms	30 Lakhs	10 Lakhs
	Modernization and strengthening of existing laboratories	50 Lakhs	10 Lakhs
	Updating of learning/Library Resources	55 Lakhs	10 Lakhs
	Procurement of furniture	30 Lakhs	05 Lakhs
	Establishment/up-gradation of central and departmental computer centers	65 Lakhs	15 Lakhs
	Modernization and strengthening of libraries and increasing access to knowledge resources	40 Lakhs	15 Lakhs
2.	Faculty development support		
	Faculty and staff development (including faculty qualification up-gradation, pedagogical training and organizing/participation of faculty in workshops, seminars and conferences.	15 Lakhs	15 Lakhs
3.	Academic support		
	Enhanced interaction with industry	10 Lakhs	05 Lakhs
	Student support activities	20 Lakhs	10 Lakhs
4.	Misc.	05 Lakhs	05 Lakhs
TOTAL			

c. Long Term Planning:

NEP, 2020 envisages the HEIs to evolve into Autonomous degree-granting Colleges, Research-intensive Universities and Teaching-intensive Universities, what is the Institutional vision in terms of achieving this objective and the timeline set under long term planning.

i) Ph.D Programme:

Proposed Ph.D Programmes for the following Subjects:

S.NO.	Programme
1.	Ph.D Chemistry
2.	Ph.D Zoology
3.	Ph.D Botany
4.	Ph.D Physics
5.	Ph.D Geography
6.	Ph.D Biotechnology
7.	Ph.D Statistics
8.	Ph.D English

9.	Ph.D Seed Technology
10.	Ph.D Education
11.	Ph.D Economics
12.	Ph.D Sociology
13.	Ph.D Islamic Studies
14.	Ph.D Commerce
15.	Ph.D Political Science

Mention the strategies and roadmap to be followed in six to ten years for the same on an annual basis.

An account of Minimal Budgetary Requirements thereof for the same under different heads may also be provided.

S.No.	Activity	Grants Required	
		Non-recurring	Recurring
1.	Infrastructure		
	Modernization of existing classrooms	20 Lakhs	05 Lakhs
	Establishment of Research Laboratories	10 Crore	20 Lakhs
	Procurement of Research Equipments	3 Crore	30 Lakhs
	Updating of learning/Library Resources/ Subscription of research Journals	01 Crore	20 Lakhs
	Procurement of furniture	20 Lakhs	05 Lakhs
	Establishment of central and departmental computer research centers	02 Crore	20 Lakhs
	Modernization and strengthening of libraries and increasing access to knowledge resources	50 Lakhs	20 Lakhs
2	Faculty development support		
	Faculty and staff development (including faculty qualification up-gradation, pedagogical training and organizing/participation of faculty in workshops, seminars and conferences.	10 lakhs	05 Lakhs
3	Academic support		
	Enhanced interaction with industry	10 lakhs	05 Lakhs
	Student support activities	10 lakhs	05 Lakhs
4	Misc.	05 lakhs	05 Lakhs
TOTAL			

1. Financial Requirement for implementing NEP 2020 (Based on the deficiencies and requirements listed above)

S.No.	Activity	Grants Required	
		Non-recurring	Recurring
1.	Infrastructure		
	Modernization of existing classrooms	50 Lakhs	05 Lakhs
	Establishment of new laboratories for 4 yr UG and new PG programs under NEP, 2020	4 crore	4 Lakhs
	Modernization and strengthening of existing laboratories	1 crore	1 Lakhs
	Updating of learning/Library Resources	2 crore	50 Lakhs
	Procurement of furniture	40 Lakhs	05 Lakhs
	Establishment/up-gradation of central and departmental computer centers	2 crore	5 Lakhs
	Modernization/improvements of supporting departments	2 crore	3 Lakhs
	Modernization and strengthening of libraries and increasing access to knowledge resources	1 crore	2 Lakhs
2	Refurbishment (minor Civil works)	4 crore	10 Lakhs
	Research and Development support		
	Establishment of Research cells in the departments for 4- YR UG course with research work	2 crore	10 lakhs
3	Establishment of Research Centre	4 crore	40 Lakhs
	Faculty development support		
4	Faculty and staff development (including faculty qualification up-gradation, pedagogical training and organizing/participation of faculty in workshops, seminars and conferences.	10 lakhs	10 lakhs
	Institutional reforms		
5	Institutional management system and establishing e-governance and updated admission system	1 crore	5 Lakhs
	Academic support		
6	Introduction of new subjects / courses		
	Introduction of New Skill courses.		
	Introduction of B. Voc		
	Enhanced interaction with industry	50 lakhs	50 Lakhs
6	Student support activities	50 lakhs	30 Lakhs
	Misc.	50 lakhs	50 Lakhs
TOTAL			

Any special remark / suggestion/ observation

Actions required to be taken by the Higher Education Department:

- a) **Land Acquisition**
- b) **Approval for Building Projects and Campus Development**
- c) **Special Funding for Purchase of Laboratory and Library Resources**
- d) **Providing dedicated faculty as per Requirement**
- e) **Any other**

Actions required to be taken by the Affiliating University (Mentoring):

- a) **Curriculum Development**
- b) **Developing the Student Assessment & Evaluation Infrastructure**
- c) **Developing Certification Mechanisms**
- d) **Developing Research Ecosystem**
- e) **Any Other**

