University of Kashmir

Annual Quality Assurance

Report

2015-16

Directorate of Internal Quality Assurance (DIQA)

Vision

To create an intellectually stimulating environment, promote excellence in teaching, research and extension activities and facilitate academic freedom, diversity and harmony.

Mission

To be a world class University committed to create and disseminate knowledge for human development and welfare.

Contents

An Overview

The University of Jammu and Kashmir was established in the year 1948, which subsequently in 1969 bifurcated in two full-fledged Universities i.e. University of Kashmir at Srinagar and University of Jammu at Jammu. The University of Kashmir is flanked by the world famous Dal Lake on its eastern side and Nigeen Lake on the western side. The Main Campus of the University is spread over 262 acres of land and encompasses the Heritage Naseem Bagh Campus and Mirza Bagh Campus as well. An extension of the main campus at Zakura with an area of 37.375 acres has also become functional. Besides South Campus at Anantnag and North Campus at Baramulla, three more Satellite Campuses at Kupwara, Kargil and Leh have been established to make higher education accessible to people living in remote areas.

The University is committed to provide an intellectually stimulating environment for productive learning to enhance the educational, economic, scientific and cultural environment of the region. In tune with the needs of the present day world, scholars are encouraged to take up cutting edge research in diverse fields and pursue questions related to challenging social and economic problems vis-a-vis regional development. For instance, the University is seriously pursuing an active and independent and collaborative research on challenging issues such as Climate Change, Alternative Sources of Energy and Biological Invasions. The University has recently become a leading partner in some high profile national network and international projects.

Since its establishment, the University has significantly marched towards academic excellence, in recognition of which it was re-accredited as Grade-A University by the National Assessment & Accreditation Council (NAAC) of India in the year 2011. The University at present is not only consolidating and strengthening the existing educational programmes and infrastructure, but new, creative, innovative and futuristic programmes are also being introduced through participatory engagement of teachers, scholars, students and learned members of the civil society. Several departments have bagged special funding under Special Assistance Program (SAP) of the University Grants Commission and DST Fund for Infrastructural Development (FIST) and the University is well positioned to be the University with Potential for Excellence (UPE). In this direction, a good beginning has been made by way of submission of the proposal for the Centre for Potential of Excellence in Himalayan Biodiversity by the UGC. Already, tens of KU departments have received financial assistance through SAP and FIST. The University is also putting in place the e-governance system to make administration transparent, efficient and eco-friendly. The University has also kept pace with the world at large through a broad vision by offering programmes of scientific and technical education that have a higher employability in the current competitive corporate world.

Location and Area of the University Main Campus and Various Satellite Campuses

S.No.	Campus	Location	Campus area in acres
i).	Main Campus	Urban	262.5
ii).	Other campus in the Country		
01.	Mirza bagh	Urban	26.125
02.	Zakura	Urban	37.375
03.	North Campus Baramulla	Rural Rural	34.375 at upper Delina 42.5 at lower Delina
04.	South Campus Anantnag	Rural	94.875
05.	Kupwara	Rural	42.5
06.	Leh	Rural	102.375
07.	Kargil Campus	Rural	75
08.	Bhatindi Jammu	Rural	1.5
iii).	Campus abroad	X	X

View of Heritage Naseem Bagh Campus

Message from the Vice-Chancellor

I am glad to learn that Directorate of Internal Quality Assurance, University of Kashmir is bringing out a fresh issue of the Annual Quality Assurance Report for the Academic year 2015-16.

I believe that quality research and teaching are the basis for success in the knowledge-based economies that mark the contemporary globalized era. University of Kashmir in this context is trying to keep pace with the times.

As reflected in the Quality Assurance Report 2015-16 as well, the University has made significant progress in every sphere which can be seen from the comparative data provided in the report. Over the years, the University has marched towards excellence in its various programmes and multifaceted activities. It has been re-accredited as Grade-A University by the National Assessment & Accreditation Council (NAAC) in the year 2011. This is in recognition of the high standards of quality in teaching and research at the University of Kashmir. The University has taken a big initiative in introducing Choice Based Credit System (CBCS) from academic session 2014 and the curriculum has been significantly revised to suit the new scheme. We are constantly upgrading infrastructural and learning resources, support services and other facilities to address the growing needs of the students.

I congratulate team DIQA for this effort

Prof. Khurshid I Andrabi

From the Chief Coordinator's Desk

The Directorate of Internal Quality Assurance (DIQA) is pleased to bring out the Annual Quality Assurance Report 2015, a gist of the achievements of the institution in this year vis-à-vis the set targets. In fact, continuous quality assessment and improvement lies at the heart of progressive individuals and institutions. The report in your hands provides a bird's eye view of our self-assessment and reflects the quality of teaching, research and extension work carried out by the University. To make the University of Kashmir an institution of academic excellence, it is important that all its constituent departments and centres endeavour to assess their contribution with reference to globally competitive benchmarks and highest possible standards. Notwithstanding our progress over the years in the frontiers of academics and research, there is a lot for us to do to take this University to a level where it really makes a distinctive mark nationally and internationally.

If the University of Kashmir aims to be a leader in shaping the future of education in this part of the world and make a significantly positive difference, it needs to make explicit commitments to pioneer new approaches to teaching and learning to set a standard for innovation in pedagogy in the transformative digital age. It needs to attract and support the most talented students and faculty and provide them an enabling environment and resources to do their best and exemplify the value of creative research for the regional development. In view of our specific, more pressing and more complex challenges than ever, there has never been a greater need for the University of Kashmir to produce leaders, planners and educators to overcome these challenges. Sensitive to these challenges, our Vice-Chancellor is committed to mobilize the Kashmir University's intellectual, human, and financial resources to fully realize its promise and potential. In this context, the DIQA encourages all the stakeholders of this prestigious institution to share responsibility in order to ensure that academics and other allied activities are undertaken in conformity with the preamble and mission of the University.

This Annual Quality Assurance Report, as per the NAAC recommendations, is specifically meant to reflect our progress vis-à-vis curricular aspects, teaching, learning and evaluation, research consultancy and extension, infrastructure and learning resources, student support and progression, governance, leadership and management, innovations and best practices. In fact, the quality assurance in the context of a university system comprises of all the policies, practices, approaches and resources that are deployed to give assurance about the care and control with which teaching, research and administration is conducted. However, it is the quality of people, whether students, professors, researchers, other staff members or even visitors that makes a University great, hence their interests and enthusiasm should be valued and appreciated. Our endeavour, therefore, is to facilitate creating a competitive and enabling environment wherein the best practices in teaching, research and extension are encouraged, and where the best brains across diversity of specializations cross fertilize ideas as a routine and share experiences with one another for the overall quality enhancement.

I thank the team of DIQA for its dedicated and tireless work to get this report ready in your hands. I solicit valuable suggestions, constructive criticism and kind cooperation from all the fellow colleagues of teaching fraternity, research scholars, students and members of non-teaching/administrative staff of the University to help us undertake the challenge of quality assurance successfully. The team DIQA is privileged to brush shoulders with you all to accelerate the march of this University to surpass newer milestones. I am convinced that with our collective wisdom and sense of responsibility there would be no limit to what we can achieve in the arena of excellence in academics and innovations.

DR. MANZOOR A. SHAH

ACHIEVEMENTS AND MAJOR EVENTS

⟩ **Prof. Sheikh Javid Ahmad**, Dean Research at the University of Kashmir elected as Fellow of the prestigious American Physical Society (APS).

⟩ The **7th Young Investigator Meeting** (YIM) was co-organized by the University of Kashmir with the Tata Institute of Fundamental Research, Mumbai, Indian Institute of Integrative Medicine, Jammu and India Bio-Science, National Centre for Biological Sciences (NCBS), Bangalore at Gulmarg from March 27-April 1, 2015. During this five day meeting some established scientists from India and abroad, including the Nobel Laureate, Professor Sir Tim Hunt, the secretaries and directors of major funding agencies, including Prof. K Vijay Raghavan, Secretary DBT, interacted with a mix of 45 postdoctoral scientists from across the world and 45 bright young faculty members working in India. Hon'ble Governor of Jammu & Kashmir State, Chancellor, University of Kashmir, Shri N. N. Vohra also attended a special session of the meeting.

⟩ Hon'ble President of India, **Shri Pranab Mukherjee** presented the National Geoscience Award-2013 to **Prof. Shakil A Romshoo**, Head, Department of Earth Sciences, Kashmir University at a function held in Rashtrapati Bhavan on April 6, 2015.

⟩ Nobel laureate **Sir Tim Hunt** spoke to young students, research scholars and faculty members at University of Kashmir on the inaugural day of a national symposium titled "Biodiversity, Biology and Bioprospecting" organized by Department of Botany from April 1-2, 2015. Other eminent scientists who interacted with the participants include Elizabeth Hadly, Professor of Ecology at Stanford University, USA, Prof. Mike Eisen from University of California Berkley, USA and Prof. Ron Vale, University of California, USA. Dr. M A Shah was the convener of the symposium.

⟩ University of Kashmir conferred Degree of Doctor of Science (Honoris Causa) upon Bharat Ratna **Professor C.N.R Rao,** FRS National Research Professor & Linus Pauling Research Professor, Jawaharlal Nehru Centre for Advanced Scientific Research, Bengaluru India. Hon'ble Chancellor, University of Kashmir, Governor J&K State Shri N. N. Vohra, Chief Minister, Mufti Muhammad Sayeed who is also the Pro-Chancellor of the University, Vice Chancellor, Prof Khushid Iqbal Andrabi, Registrar, Prof Zaffar A Reshi , Minister for Education J&K State Nayeem Akhtar, Cabinet Ministers, Members of the State Legislature, Vice Chancellors of the various other universities of the State and other dignified personalities were present during the special convocation.

⟩ University of Kashmir has been identified one among 36 Higher Education Institutions for **GIAN PROGRAMME** under which foreign faculty members would be invited to the University. Each foreign expert would be paid $8000 to $12000 for 1 to 2 week programme.

⟩ University of Kashmir to partner with Department of Electronics & Information Technology Govt. of India to implement **Vivesvaraya Ph.D. Scheme**.

⟩ **Directorate of Life Long Learning**, University of Kashmir got approval for 03 year B. Voc. Degree Course under Deen Dayal Upadhyay KAUSHAL Scheme by UGC in four significant areas i.e (Automotive Technology, Electronic Media, Plumbing, Furniture Development) an amount of Rs. 04 crore has been sanctioned for the purpose.

⟩ **Three faculty** members received **Young Scientist Award** from the Department of Science and Technology, Govt. of J&K. In addition, one faculty member received the award from Asian Development Bank and the IUCN Academy of Environmental Law. **Prof. Shad Ramzan,** Head PG Department of Kashmiri at Kashmir University was conferred with this years Sahitiya Academy Award.

University of Kashmir

List of Departments and Affiliated Colleges

PARTICULARS	NUMBER
a). University Departments	
Postgraduate	52
Undergraduate	03
Research Centres on the Campus	12
b). Constituent Colleges	20
c). Affiliated Colleges	52
d). Colleges under 2(f)	40
e). College under 2(f) and 12B	46
f). NAAC accredited Colleges	X
g). Colleges with potential for Excellence (UGC)	X
h). Autonomous Colleges	01
i). Colleges with Postgraduate Departments	09
j). Colleges with Research Departments	X
k). University recognized Research Institutes/Centers	X

Type of Colleges (Stream-wise)

Type of college	Permanent	Temporary	Total
Arts, Science and Commerce	53	X	53
LAW	X	4	04
Medicine	2	2	04
Engineering	01	01	02
Education	02	73	75
Management	01	05	06
Others (Specify and provide details) (Oriental Colleges)	06	01	07

Programmes offered by the University

FACULTY OF ARTS

- M. A. Arabic
- M.A. Sanskrit
- M.A. Linguistics
- M.A. English
- M.A. Persian
- Certificate Courses in Modern Spoken Persian
- M.A. Urdu
- M.A. Kashmiri
- Diploma in Kashmiri
- P.G. Diploma in Hindi
- Diploma Course in German & French Languages
- P.G. Diploma in Sanskrit (Full Time)
- Certificate Course in Sanskrit (Part Time)
- Certificate Course in French, German and Russian Languages
- P.G. Diploma in Persian
- M.A. Hindi
- Certificate Course in Hindi

FACULTY OF COMMERCE AND MANAGEMENT

- Master of Commerce
- Master of Business Administration
- Master of Business Administration (FM)
- Master of Travel and Tourism Management
- Master in Craft Management & Entrepreneurship

FACULTY OF SOCIAL SCIENCE

- M.A. Psychology
- Master of Social Sciences (History)
- M.A. Islamic Studies
- M.A. Political Science
- M.A. Economics
- Master of Sociology
- Certificate Course in Quranic Studies
- M. A.(Mass Communication & Journalism)
- Master of Social Work

FACULTY OF APPLIED SCIENCE

- B. Pharmacy
- M.Sc. Home Science (Food & Nutrition)
- M.Sc. Home Science (Extension & Communication)
- M.Sc. Home Science (Human Development)
- Master of Computer Application
- P.G. Diploma in Computer Application
- M.Sc. IT

FACULTY OF EDUCATION

- Bachelor of Education
- P.G. Diploma in Adult & Non-formal Education
- P.G. Diploma in Population Education
- M. A. Education

FACULTY OF LAW

- P.G. Diploma in Human Rights & Duties Education Course
- Bachelor of Laws
- Master of Laws
- L.L.B

FACULTY OF MATERIAL SCIENCE

- M.Sc. Applied Geology
- M.A./M.Sc Geography & Regional Development
- M.Sc. Physics
- M.Sc. Environmental Science
- M.A./M.Sc. Mathematics
- P G Diploma in Remote Sensing & GIS
- Diploma in Professional Laboratory Services in Science (PLSS)
- M.A./M.Sc. Statistics
- M.Sc. Geo-Informatics

FACULTY OF BIOLOGICAL SCIENCES

- M.Sc. Botany
- P.G. Diploma in Bioinformatics
- M.Sc. Zoology
- M.Sc. Biotechnology
- M.Sc. Biochemistry
- M.Sc. (Bioresources)
- M.Sc. Clinical Biochemistry

INFRASTRUCTURE DEVELOPMENT DURING ACADEMIC YEAR (2015-2016)

➢ The Kargil and Leh Campuses have been developed and work on several blocks has been completed and commissioned during the year. Both the campuses became functional for the academic activities during the year.

➢ Science Block at College of Engineering, Zakura Campus was inaugurated by Hon'ble Chief Minister J&K State and Pro Chancellor, University of Kashmir.

➢ Renovation Work on 05 Storey Girls' Hostel and Research Scholars' Hostel at the Main Campus has been completed by the Construction Division of the University.

➢ Work on double storey Boys' Hostel and double storied Girls' Hostel has been completed.

➢ Work on Academic Block at Kupwara Campus and Education-cum-Business Management Block at South Campus is near to completion and will be functional soon.

STUDENT ACHIEVEMENTS DURING ACADEMIC YEAR (2015-2016)

➢ **359** students qualified competitive examinations with the following break up: NET- UGC (245), NET-CSIR (45), NET-ICAR (3), SET (19), GATE (14), GPAT (20), KAS (13),

➢ Five **(05)** research scholars granted Kothari Post-doc Fellowships and five women research scholars awarded Fast Track/ SERB/ Women Scientists.

➢ The University of Kashmir initiated a process of collaboration with various national level institutions, multi-national companies for their skill development and placements.

➢ **14** placement drives were launched on the campus in which 589 candidates participated, out of which **163** candidates got placements.

APPLICATIONS RECEIVED FOR VARIOUS PG PROGRAMMES IN year 2015 - 2016.
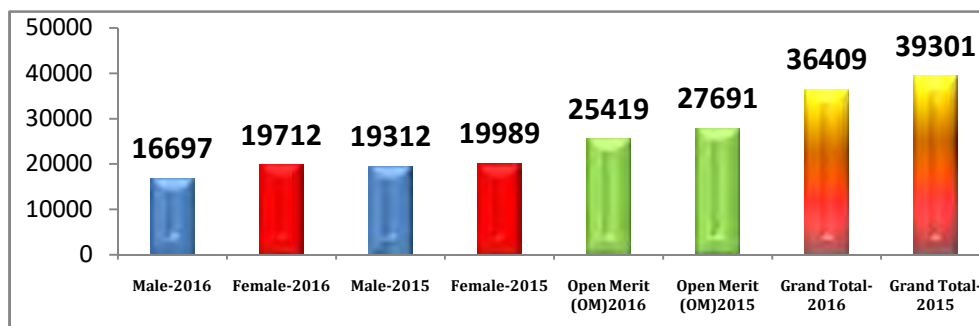
The Annual Quality Assurance Report (AQAR) of the DIQA

Part – A

1. Details of the Institution

1.1	The Institution	University of Kashmir
1.2	Address Line 1	University Campus,
	Address Line 2	Naseem Bagh Hazratbal
	City/Town	Srinagar
	State	Jammu and Kashmir
	Pin Code	190006
	Institution e-mail address	vcoffice@kashmiruniversity.ac.in
	Contact Nos.	01942272002
	Name of the Head of the Institution:	Prof. Khurshid I Andrabi
	Tel. No. with STD Code:	01942272000
	Mobile:	09419006123
	Name of the Chief Co-ordinator:	Dr. Manzoor Ahmad Shah
	Tel. No. With STD Code	01942272016
	Mobile:	09419035303
	DIQA e-mail address:	diqa.ku@uok.edu.in
1.3	NAAC Track ID (For ex. MHCOGN 18879)	NAAC/MSS-NR/RAR/09594
	1.4 Website address:	www.kashmiruniversity.net www.kashmiruniversity.ac.in
1.4	Web-link of the AQAR:	http://diqa.uok.edu.in

1.5   Accreditation Details

S. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
01	1st Cycle	A	86.45 %	2002	5 years
02	2nd Cycle	A	3.11	2011	5 years

1.6 Date of Establishment of IQAC :

Order No.F(Estb-IQAC)Gen/KU/03
Dated: 13/06/2003

13.06.2003

IQAC Nomenclature changed as **Directorate of Internal Quality Assurance (DIQA)**
F-1(IT-IQA)Adm/KU/08, dated: 21.02.2008

1.7 AQAR for the year

2015-2016

1.8 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and   Accreditation by NAAC (for example AQAR 2010-11 submitted to NAAC on 12-10-2011).

iii)   AQAR 2013-2014 submitted to NAAC on 03/05/2014

iv).   AQAR 2014-2015 submitted to NAAC on 25/11/2015

v).   AQAR 2015-2016 to be presented before in the University Council Meeting scheduled on 20-10-2016.

1.9 Institutional Status of University

State	✓	Central	--	Deemed	--	Private	--

Type of Institution

Co-education	✓	Men		Women	
Urban	✓	Rural		Tribal	

Financial Status

Grant-in-aid	✓	UGC 2(f)	✓	UGC 12B	✓
Grant-in-aid + Self Financing	✓	Totally Self-Financing		----	

1.10 Type of Faculty/Programme

Arts	✓	Science	✓	Commerce	✓	LAW	✓
PEI (Phys Edu)	✓	TEI (EdU)	✓	Engineering	✓	Heath Science	✓
Social Science	✓	Management	✓				

Other (Specify)   ∫ Music and Fine Arts   *   Unani Medicine

1.11 Name of the Affiliating University (for the Colleges)   N.A.

1.12 Special Status conferred by Central/State Government—GC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Centre Govt./University	✓	UGC-CPE	✓
University with potential for Excellence	x	UGC-CE	X
DST Star Scheme	x	DST-FIST	✓
UGC-Special Assistance Programme	✓	DST-FIST	✓
UGC-Innovative PG Programmes	✓	Any other (Specify)	x
UGC-COP Programmes	✓		

2. DIQA Composition and Activities

2.1	No. of Teachers	**190**
2.2	No. of Administrative/Technical staff	**52**
2.3	No. of students	**98**
2.4	No. of Management representatives	**5**
2.5	No. of Alumni	**5**
2.6	No. of any other stakeholder and community representatives	**3**
2.7	No. of Employers/Industrialists	**--**
2.8	No. of other External Experts	**18**
2.9	Total No. of members	**309**
2.10	No. of DIQA meetings held	**21**

2.11	No. of meetings with various stakeholders:	NO.	4	Faculty	4
	Non-Teaching Staff	3	Alumni	1	Others	1

2.12	DIQA received any funding from UGC during the year?	YES		NO	✓
	If yes, mention the amount				

2.13	Seminars and Conferences (only quality related)								
I).	No. of Seminars/Conferences/ Workshops/Symposia organized by the DIQA								
	Total No.s	7	International	0	National	0	State	2	Institution Level	5

(ii) Themes

- ❖ On creating friendly environment for Scholars pursuing research programmes.
- ❖ Awareness programme on evaluation of teachers by students.
- ❖ Awareness about online feedback mechanism.
- ❖ Choice Based Credit System: Challenges and Opportunities.
- ❖ Workshop with DIQA Nodal Officers.
- ❖ Awareness programme on online submission of the Performance Based Appraisal System (PBAS).
- ❖ Awareness programme with College Principals AISHE.

2.14 Significant Activities and Contributions made by DIQA

⟩ One of the major initiatives from DIQA was to facilitate implementation of CBCS at the University level for all PG courses. Kashmir University introduced Choice Based Credit System (CBCS) for all PG programmes in 2014 and the curriculum has been revised in 2015 to suit the new scheme.

⟩ The evaluation of teachers by students for the year 2015-16 has been completed in all the departments for all the campuses to address the deficiencies in teaching-learning process. This year we moved to an online system of the student feedback.

⟩ The infrastructural and learning resources are being constantly upgraded to address the growing needs of the students and same holds true for the support services.

⟩ DIQA besides Annual reports now regularly publishes its reports in two parts: (1) Annual Quality Assurance Report and (2) Annual Report. Both the reports are available in the form of a hard copy as well as well as soft copy

⟩ DIQA has also developed online submission of the Performance Based Appraisal System (PBAS) for the faculty of the University of Kashmir based on the guidelines prescribed by University Grants Commission (UGC) and considering the individual needs of our University.

⟩ The DIQA has also conducted annual department audits analyzing the strengths and weaknesses of the departments and providing suggestions on areas of improvement for the Individual departments.

2.15 Plan of Action by DIQA/Outcome

The plan of action chalked out by the DIQA in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year.

PLAN OF ACTION	ACHIEVEMENTS
Revisiting and Reviewing Choice Based Credit System (CBCS). Improvement in Student feedback system.	CBCS introduced in 2014 was successfully reviewed in the 2015. The students online feedback mechanism was reviewed by the team of experts, improved and successfully implemented online.
From 2015 onwards Students feedback was made mandatory for the confirmation /promotion of teachers.	Using student feedback collected online through DIQA web portal, clearance of probation and confirmation of teachers was linked to this feedback. A couple confirmations were put on hold in case of poor feedback
Serial Publications of University of Kashmir Annual Report · Annual Quality Assurance Report as per the guidelines prescribed by the NAAC	Prepared and published Annual Report for the year 2014. The report highlighted the major activities carried out by the University with recommendations and cited examples of good practice. Prepared and published AQAR (Annual Quality Assurance Report), 2014-2015 as per the recommendations of NAAC that reflects, in a nutshell, all inclusive and informative details about the University.
Implementation of the NAAC Recommendation	Follow up action has been taken on the recommendation made by NAAC peer Team during their visit to the University for reaccreditation, some of which had been already implemented by the University and some were implemented in 2015.
AISHE (All India Survey of Higher Education)	Uploaded successfully DCF I of the University of Kashmir on AISHE portal containing information of 2014· Sensitized all affiliated and constituent colleges for filling up DCF II for All India Survey on Higher Education (AISHE) to have a first hand information about college enrolment, courses etc in the country.

2.16	Whether the AQAR was placed in the Statutory Body		Yes	✓	No	
	Management		Syndicate		University Council	✓

The Annual Quality Assurance Report is being placed in the ensuing University Council meeting scheduled to be held on 25th October, 2016.

Part – B

Criterion – I

1. Curricular Aspects

1.1   Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
Ph.D	39	--	--	--
M.Phil	37	--	--	--
PG	50	--	02	--
UG	06		--	--
PG Diploma	11	--	02	--
Advanced Diploma	--	--		--
Diploma	--	--		--
Certificate	08	--	--	--
Others/Integrated UG-PG	02	07	--	--
Total	153	07	4	--

Interdisciplinary	10	--	--	--
Innovative	5	--	--	--

(Note:-there is fixed quota of self financed seats in all the programmes offered by the University)

1.2   (i) Flexibility of the Curriculum: CBCS/Core/Elective option /Open options

The Choice Based Credit System (CBCS) introduced by the University offers a Cafeteria-Style approach in which students can choose courses of their own choice. Under the CBCS at Post Graduate level from the year 2014, besides Core Courses offered by the Departments the students will be able to select courses from Discipline-Centric Electives, Generic Electives from within the faculty and Open Electives from outside their faculty. The students study what they prefer as per their interests of learning. The students can opt for an interdisciplinary approach to learning. They have more scope to enhance their skills and of taking up projects and assignments, vocational training, including entrepreneurship. With the introduction of CBCS, job opportunities of students are expected to improve substantially.

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	55
Trimester	--
Annual	20

1.3 Feedback from stakeholders*
(On all aspects)

Alumni	✓	Parents	✓	Employers	✓	Students	✓

Mode of feedback :

Online	✓	Manual	✓	Co-operating Schools (for PEI)	

*Please provide an analysis of the feedback in the Annexure

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

CBCS curriculum for PG courses designed in the year 2014 was revised in the year 2015 to better suit the needs of the scheme. Upto 30% revision was undertaken in the syllabi to fit it in the CBCS scheme.

Semester Scheme was introduced for Undergraduate course in 2105

1.5 Any new Department/Centre introduced during the year. If yes, give details.

Four 5-year integrated courses were launched in **Leh** and **Kargil** Campuses in the year 2015

- **Leh Campus:** 5-Year integrated Programme in: Geology (B.Sc.-M.Sc in Geology), English (BA-MA in English) and BBA-MBA (Tourism) II)

- **Kargil Campus:** 5-year Integrated Programme in: Botany (B.Sc.-M.Sc. in Botany), Information Technology (B.Sc.-M.Sc. IT) and Arabic (BA-MA in Arabic)

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others/Officers
399	220	49	91	58

2.2 . No. of permanent faculty with Ph.D   297

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year 2015

Assistant Professors		Associate Professors		Professors		Others/ Officer		Total	
R	V	R	V	R	V	R	V	R	V
22	29	--	62	--	28	05	45	27	164

2.4 No. of Guest and Visiting faculty and Temporary faculty   60   110   147

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars Workshops	210	322	95
Presented papers	180	200	48
Resource Persons	30	122	47

2.6 **Innovative practices adopted by the institution in Teaching and Learning:**

University of Kashmir has changed the traditional classrooms to smart classes via the use of ICT and multimedia, and benefited from a combination of various digital media types such as text, images, audio and video, integrated into a multi-sensory interactive application or presentation to convey information to an audience. Several new programmes, catering to the needs of the market and without compromising academic standards, have been started. The curriculum has been oriented to have focus on seminars, peer teaching, project work, field oriented exercises. Remedial teaching/coaching for the slow-learners from the weaker socio-economic groups is being organized. The University is encouraging the departments/faculties to invite guest speakers from other Institutions/ Industry to enrich the knowledge base of students through sharing of ideas and good practices. Organization of Faculty Development Programmes for the benefit of teaching faculty, research scholars and students, and ICT enabled teaching/ learning processes are being given special attention.

2.7 **Total No. of actual teaching days during this academic year**   **210**

2.8 **Examination/Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)**

A number of reforms have been initiated in the examination/evaluation system.

Postgraduate

➢ **One Student One Form:-** A student shall have to submit registration form only once at the time of entry to the University (for pursuing UG/PG/Ph.D. Programme/s), He/she shall not be required to renew his / her registration at any subsequent stage.
➢ **Live Marks:-** All P.G students are able to view their results online subject wise as soon as respective marks are submitted by the concerned evaluators.
➢ **No Registration Return**:- Requirement of submission of Registration Return by departments in any semester shall be completely waived off for all postgraduate programmes.

Undergraduate

➢ For the first time **Single Window Admission** process for Undergraduate (B.A/B.Sc/B.Com/B.C.A/BBA etc) was done for all affiliated colleges across the Valley. Traditionally, admission process used to take 2 months. The same was done within 10 days.

- **One Student One Form:-** A student shall have to submit registration form only once at the time of entry to the University (for pursuing UG/PG/Ph.D. Programme/s). He/she shall not be required to renew his / her registration at any subsequent stage.
- **No Examination Form:-** There shall be no need for the students to submit any examination forms for fresh appearance either manually or online. The examination fees shall be paid by each student at the time of admission to the odd semesters within the stipulated time.
- **Single Roll No:-** Student/candidate shall have same Roll No during entire graduation, irrespective of number of examinations and attempts.
- **For the first time** data entry of awards was done in evaluation centres and no manual awards were entertained.
- Admit Cards, for appearing in the Semester End Examinations, will be generated by the University only after all the Practical / Attendance Awards of the candidate/s have been received on-line.
- **Single Transcript**, indicating the SGPAs & the CGPA, & the final degree certificate shall be issued by the University immediately on completion of the degree.

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

87	158	59

2.10 Average percentage of attendance of students   87 %

2.11 Course/Programme wise distribution of pass percentage:

TITLE OF THE P. G. PROGRAMMES	TOTAL NO. OF STUDENTS	TOTAL NO. OF STUDENTS APPEARED	DIVISION				
			I %	II %	III %	Dist. %	Pass %
MASTER OF ARTS (ARABIC)	94	82	58.51	28.72	0.00	5.32	87.23
MASTER OF ARTS (ECONOMICS)	81	73	64.20	25.93	0.00	2.47	90.12
MASTER OF ARTS (EDUCATION)	138	128	92.75	0.00	0.00	37.68	92.75
MASTER OF ARTS (ENGLISH)	208	182	24.04	61.06	2.40	0.00	87.50
MASTER OF ARTS (HINDI)	15	15	73.33	26.67	0.00	6.67	100.00
MASTERS OF ARTS (HISTORY)	149	131	47.65	40.27	0.00	0.00	87.92
MASTER OF ARTS (ISLAMIC STUDIES)	65	41	52.31	9.23	1.54	4.62	63.08

MASTER OF ARTS (KASHMIRI)	70	69	98.57	0.00	0.00	37.14	98.57
MASTER OF KASHMIR STUDIES	14	14	92.86	7.14	0.00	0.00	100.00
MASTER OF ARTS (LINGUISTICS)	37	30	37.84	40.54	2.70	0.00	81.08
M.A / M.Sc. (MATHEMATICS)	150	124	51.33	28.67	2.67	6.67	82.67
M.A. IN MASS COMMUNICATION AND JOURNALISM	37	34	91.89	0.00	0.00	18.92	91.89
MASTER OF ARTS (PERSIAN)	57	56	98.25	0.00	0.00	33.33	98.25
MASTER OF ARTS (POLITICAL SCIENCE)	82	75	68.29	20.73	2.44	0.00	91.46
MASTER OF ARTS (PSYCHOLOGY)	53	53	92.45	7.55	0.00	9.43	100.00
MASTER OF ARTS (SOCIOLOGY)	65	59	81.54	9.23	0.00	6.15	90.77
MASTERS OF ARTS (SANSKRIT)	3	3	100.00	0.00	0.00	100.00	100.00
MASTER OF ARTS (SOCIAL WORK)	36	36	80.56	19.44	0.00	0.00	100.00
MASTER OF ARTS (URDU)	84	83	94.05	4.76	0.00	0.00	98.81
MASTERS OF COMPUTER APPLICATION	277	182	0.00	0.00	0.00	0.00	65.70
MASTER OF COMMERCE	101	95	91.09	2.97	0.00	12.87	94.06
MASTER OF SCIENCE (LIBRARY & INFORMATION SCIENCE)	43	24	41.86	11.63	2.33	9.30	55.81
MASTER OF SCIENCE (BIOCHEMISTRY)	33	32	93.94	3.03	0.00	18.18	96.97
MASTER OF SCIENCE (BOTANY)	58	57	94.83	3.45	0.00	25.86	98.28
MASTER OF SCIENCE (BIORESOURCES)	18	18	100.00	0.00	0.00	16.67	100.00
MASTER OF SCIENCE (BIOTECHNOLOGY)	15	15	100.00	0.00	0.00	13.33	100.00
MASTER OF SCIENCE (CLINICAL BIOCHEMISTRY)	30	30	83.33	13.33	0.00	3.33	100.00
MASTER OF SCIENCE (CHEMISTRY)	93	70	51.61	23.66	0.00	1.08	75.27
MASTER OF SCIENCE (ELECTRONICS)	41	26	60.98	2.44	0.00	2.44	63.41
MASRER OF SCIENCE (ENVIRONMENTAL SCIENCE)	42	40	88.10	7.14	0.00	7.14	95.24
MASTER OF SCIENCE (FOOD SCIENCE & TECHNOLOGY)	25	23	84.00	8.00	0.00	20.00	92.00
MASTER OF SCIENCE (GEOGRAPHY)	49	42	83.67	2.04	0.00	2.04	85.71
MASTER OF SCIENCE (GEOINFORMATICS)	12	9	58.33	16.67	0.00	16.67	75.00
MASTER OF SCIENCE (APPLIED GEOLOGY)	24	23	79.17	16.67	0.00	4.17	95.83
DIETETICS & CLINICAL NUTRITION	13	12	61.54	30.77	0.00	0.00	92.31

EXTENTION & COMMUNICATION	17	11	29.41	35.29	0.00	0.00	64.71
FOOD SCIENCE & NUTRITION	15	14	80.00	13.33	0.00	0.00	93.33
HUMAN DEVELOPMENT	22	20	63.64	18.18	9.09	9.09	90.91
MASTER OF SCIENCE (PHYSICS)	67	62	80.60	11.94	0.00	4.48	92.54
MASTER OF SCIENCE (STATISTICS)	62	60	75.81	17.74	3.23	14.52	96.77
MASTER OF SCIENCE (ZOOLOGY)	57	56	98.25	0.00	0.00	5.26	98.25
MASTER OF TOURISM & TRAVEL MANAGEMENT	31	31	100.00	0.00	0.00	35.48	100.00
MASTER OF FINANCE & CONTROL	26	24	92.31	0.00	0.00	19.23	92.31
MASTERS OF COMPUTER APPLICATION	232	224	95.26	1.29	0.00	16.38	96.55
MASTER OF BUSINESS ADMINISTRATION	222	199	89.64	0.00	0.00	14.86	89.64

TITLE OF THE UNDER GRADUATE PROGRAMME	TOTAL NO. OF STUDENTS	TOTAL NO. OF STUDENTS APPEARED	DIVISION				
			I %	II %	III %	Dist. %	Pass %
BA/BSC/BCOM THIRD YEAR BI-ANNUAL 2015							
BACHELOR OF ARTS	5899	1721	0.02	5.75	23.2	0.02	29.17
BACHELOR OF COMMERCE	376	166	0	5.59	38.3	0	44.15
BACHELOR OF HOME SCIENCE	20	9	0	0	45	0	45
BA/BSC/BCOM THIRD YEAR ANNUAL 2015-16							
BACHELOR OF ARTS	18386	9289	0.08	25.2	16.8	0.08	50.52
BACHELOR OF COMMERCE	1938	1446	0.21	36	25.1	0.21	74.61
BACHELOR OF COMMERCE HONOURS	43	43	9.3	11.6	0	9.3	100
BACHELOR OF HOME SCIENCE	71	45	2.82	22.5	9.86	2.82	63.38
BACHELOR OF SCIENCE NON MEDICAL	1349	980	0.3	37.4	2.59	0.3	72.65
BACHELOR OF SCIENCE	2509	1694	0.36	39.4	2.51	0.36	67.52
BACHELOR OF ARTS HONOURS	22	20	27.3	4.55	0	27.27	90.91
BBA/BCA/FAZILA THIRD YEAR BI-ANNUAL 2015							
BACHELOR OF BUSINESS ADMISTRATION	33	7	0	12.1	0	0	21.21
BACHELOR OF COMPUTER APPLICATIONS	101	93	0	73.3	1.98	0	92.08

BBA/BCA/FAZILA THIRD YEAR ANNUAL 2015-2016							
BACHELOR OF BUSINESS ADMISTRATION	424	270	1.18	13.7	0	1.18	63.68
BACHELOR OF COMPUTER APPLICATIONS	552	406	3.08	23	0.54	3.08	73.55
BA FAZILA	89	73	12.4	5.62	0	12.36	82.02
MASS COMMUNICATION & MULTIMEDIA PRODUCTION	26	23	3.85	34.6	15.4	3.85	

2.12 How does DIQA Contribute/Monitor/Evaluate the Teaching & Learning processes:

- **DIQA** monitors and evaluates the teaching and learning process with the help of various committees and coordinators like Internal Assessment Coordinator, Examination Coordinator, Faculty Nodal Officers etc.

- The **DIQA** has a Nodal Officer in very Department who looks after most of the activities carried out by the Department and keeps a record of all required information and passes it to the DIQA. The Nodal Officers also take regular feedback from the students to ensure effective learning. Along with this the Nodal Officers of **DIQA** also arrange for extra mural lectures and resolve the students problems relating to subject, research project and other difficulties.

- The **DIQA** also encourages the Departments/ Faculties to invite guest speakers from other Institutions/ Industry to enrich the knowledge base of students through sharing of ideas and good practices. Every Faculty organizes special talks and lectures by inviting eminent personalities to the department by providing them honorarium out of DIQAU fund.

- The **DIQA** emphasizes on latest information and communication tools like Wi-Fi Campus, internet facility, audio visual aids for classroom teaching etc. The faculty members are also required to use modern teaching aids such as PowerPoint/ LCD etc during their lectures.

- **DIQA** has started Performance Based Appraisal System (PBAS) as per UGC guidelines for evaluation of teachers. With the PBAS, the institute evaluates faculty members on their teaching and research performance. The Institute has instituted Best Teacher Award given on the basis of student and peer feedback. A committee has been constituted by the University to give special recognition/awards to the individuals with exceptional contribution in extension education. The evaluation of student feedback helps the faculty member in improving upon the teaching pedagogy and also motivates the faculty members for doing better research work and publication. Beside this, student feedback on course content and subject taught along with the feedback on the faculty members is taken in every semester as a measure to have academic audit and thereby improving upon on all the functional areas.

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	
Refresher course in Human Rights (19-01-2015 to 07-02-2015)	18
Refresher course in Commerce, Management & Economics (23-02-2015 to 14-03-2015)	21
Refresher Course in Life Science (27-01-2015 to 18-05-2015)	30
Refresher Course in Gender Studies (ID) (25-05-2015 to 10-06-2015)	34
Refresher Course in Disaster Management (ID) (20-10-2015 to 09-11-2015)	34
Refresher Course in Human Rights (ID) (08-12-2015 to 30-12-2015)	--
Refresher Course for Teacher Educators (08-03-2016 to 28-03-2016)	40
67th General Orientation Course (20-02-2015 to 03-03-2015)	25
68th General Orientation Course (05-05-2015 to 02-06-2015)	22
69th General Orientation Course (05-11-2015 to 04-12-2015)	28
70th General Orientation Course (11-01-2016 to 06-02-2016)	31
Faculty Exchange Programme	--
Staff training conducted by the university	--
Staff training conducted by other institutions	--
Summer / Winter schools, Workshops, etc.	
Special Winter School Refresher Course (10-02-2015 to 30-03-2015)	41
Special Summer School Refresher Course (25-07-2015 to 14-08-2015)	30
Special Winter School Refresher Course (11-02-2016 to 02-03-2016)	--
Others	
One day RTI capacity building workshop for College/University faculty and Academic Administrators (01-06-2015)	58
One Day Conference of Principal & Academic Administrators (03-06-2015)	--
One week workshop on Research Methodology for Science Scholars/College & University Teachers (25-08-2015 to 31-08-2015)	38
One week workshop on Research Humanities Scholars /College & University Teachers (01-09-2015 to 08-09-2015)	55
One week workshop on Research Methodology for Social Sciences, Commerce & Mgt. Scholars/College & University Teachers (12-09-2015 to 18-09-2015)	87

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	1466	69	23	700
Technical Staff	74	24	09	110

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the Institution

The DIQA in coordination with Dean Research has paid serious attention to sensitizing/promoting research climate in the University and significant progress has been made in this regard. Some of the notable steps taken in this direction are as follows:

) Advancing funds for sanctioned projects

For sanctioned projects to the faculty members as Principal Investigator (PI), funds are advanced to the concerned PI of the research project upon requisition of funds made by the PI, specifying the objective/outcome for which they are required.

) Providing Seed Money

The University provides seed money in the shape of Professional Development Assistance (PDA) to the faculty members to the extent of Rs. 50,000/- per annum for each faculty member, amounting Rs. 1,50,000/- for a block period of 03 years for pursuing research and allied activities.

) Advancing funds for sanctioned projects

The disbursement of the funds for the approved projects by various funding agencies is done through Dean Research Accounts. The Dean Research Office regulates the expenditure by respective PIs and ensures timely submission of utilisation certificates and upholding of professional and research ethics. The research funds are deposited in the saving bank account, the interest details of which are also reflected in the UCs. Concerned PIs are also supposed to have specific saving bank accounts for specific projects for utilisation of the project money drawn as advance.

) Simplification of procedures related to sanctions/purchases to be made by the investigators

Kashmir University follows the principle of devolution of financial authority to respective PIs for management of sanctioned project grants with due checks and balances. All the purchases for the projects are made by the PIs through the respective Departmental Committees subject to the condition of absolute transparency in account management. Of late the University introduced an e-governed office management system to facilitate proposal submission and disposal online through e-notes and offices.

) **Autonomy to the principal investigator/coordinator for utilizing overhead charges.**

Though principal investigators enjoy considerable autonomy for utilising the project grants, 10% of the institutional charges of the projects are to be given as incentive and token of encouragement to them.

) **Timely Release of Grants**

As soon as the university receives grants for the particular project, it is ensured that the money becomes available to the PIs on time.

) **Timely Auditing**

All project accounts are audited at the end of each financial year though some mid-course auditing is also done where ever required. Moreover, PIs submit their UCs to the University for endorsement only after due ratification by the chartered accountants.

) **Submission of Utilization Certificate to the Funding Authorities**

The University keeps a record of all the funding received and the expenditure incurred by the PIs and ensures the timely submission of UCs at the end of each financial year and after the duration of the project.

) **Collaboration with National/International Institutes /Industries**.

After the last accreditation, the collaboration network of the University has significantly improved. The University now is not only a part of many national network projects but has already earned some highly prestigious international collaborative projects as well.

Besides, numerous MOUs have also been signed with reputed organisations and institutions over the years.

Some of the worth mentioning collaborative projects are as under:

3.2   Details regarding major projects

Project Category	Details	Completed	Ongoing	Sanctioned	Submitted
Major Science	Number	2	53	04	----
	Amount in Lacs	106.77	5727.48	199.02	----
Major Arts	Number	--	36	10	----
	Amount in Lacs	--	423.40	85.30	----

Grand Total			9958.88	284.32	----

***Detailed Information regarding Major Projects <u>completed</u> during the academic year March-2015 to Feb.2016.**

Completed Major Projects (Science Category)

S.No.	Department	Faculty Name	Title of the projects	Funding Agency	Amount sanctioned
01.	Bio-Chemistry	Dr. Shaida Andrabi	Understanding the mechanism of Polyoma Small T induced apoptosis relevant to the treatment of cancer	DBT	7,477,742.00
02.	Earth Sciences	Dr. Gh. Jeelani	"Role of snow and ice in controlling regional hydrology of Liddar watershed, Western Himalaya, using environmental isotopes".	BRNS, Department of Atomic Energy	3,200,000.00

***Detailed Information regarding Major Projects <u>Ongoing</u> during the academic year March-2015 to Feb.2016.**

On-going Major Projects (Science Category)

SNo	Project Title	Principal Investigator	Department	Funding Agency	Sanctioned
1	The Himalayan Cryosphere: Science and Society - Inter-University Consortium	Prof. Shakeel Ahmad Romshoo	Department of Geology and Geophysics	Department of Science & Technology, SERB SERC	83017000
2	e-Governance of administrative set-up in Kashmir Uuiversity and its affiliated colleges in Kashmir and Ladakh Division	Mr. Maroof Naieem Qadri	Directorate of IT & SS	All India Council for Technical Education	77328000
3	Preventing Extinction and improving conservation status of threatened plants through application of Biotechnological of Tools	Prof. Z.A Reshi	Department of Botany	Department of Science & Technology, SERB SERC	61688000
4	Enhancing Research Capacity and Initiating Integrated M.Sc. & PhD programme in the area of Food Science & Technology	Dr. F.A. Masoodi	Food Science and Technology	Department of Science & Technology, SERB SERC	52210000

5	FIST Program Chemistry	Prof. M. A. Qurishi	Department of Chemistry	Department of Science & Technology, SERB SERC	18500000
6	Digitization of Rare Books available in J&K	Dr. Reyaz Ahmad Rufai	Department of Library and Information Sciences	Department of Science & Technology, SERB SERC	16500000
7	FIST Program Biotechnology	Prof. Khalid Majid Fazili	Department of Biotechnology	Department of Science & Technology, SERB SERC	12300000
8	Tissue culture based network programme on saffron crocus sativus L	Prof. Azra N.Kamili	Centre of Research and Development (CORD)	Department of Science & Technology, SERB SERC	10471000
9	Seismic hazard assessment in the Kashmir Himalaya using geological Seismological and geodetic data	Dr. Bikram Singh Bali	Department of Geography and Regional Development	Ministry of Earth Sciences	9176800
10	RNAI Screening of human genome for identifying proteins responsible for causing mitotic catastrophe,using polyma small T as screening t	Dr. Shaida Andrabi	Department of Bio-Chemistry	Department of Science & Technology, SERB SERC	8399400
11	Understanding the molecular basis of fragile X permutation rCGG mediated neurodegeneration	Dr. Abrar Ahmad Quraishi	Department of Biotechnology	Department of Science & Technology, SERB SERC	8200000
12	Special Assistance Programme (SAP)	Prof. G.M.Bhat	Department of E & I Technology	Special Assistance Programme	7500000
13	Nutraceutical potential of β- glucan, its utilization for making functional foods and as an encapsulating material for target delivery of probiotics	Dr. Adil Gani	Food Science and Technology	Department of Science & Technology, SERB SERC	7338000

14	Ramanujan Fellowship	Dr. Mohammad Altaf Bhat	Department of Biotechnology	Department of Science & Technology, SERB SERC	7300000
15	Understanding the mechanism of small T induced apoptosis relevant of treatment of Cancer	Dr. Shaida Andrabi	Department of Bio-Chemistry	Department of Science & Technology, SERB SERC	7000000
16	JC BOSE Fellowship	Prof. Talat Ahmad	Department of Geology and Geophysics	Department of Science & Technology, SERB SERC	6800000
17	Functional Genomics approaches in understanding the regulation of synthesis and accumulation of apocarotenoids in saffron crocus (Crocus Sativus L)	Dr. Raies Ahmed Qadri	Department of Biotechnology	Department of Science & Technology, SERB SERC	6733200
18	Enhancing the quality Nutraceutical Status of traditional meet products of India by use of Enzyme and protective Micro-organisms	Dr. F.A. Masoodi	Food Science and Technology	Department of Science & Technology, SERB SERC	6565200
19	Greatwall kinase:studying its role in mitotic arrest and tumorigenesis	Dr. Shaida Andrabi	Department of Bio-Chemistry	Department of Science & Technology, SERB SERC	6352400
20	FIST Program Zoology	Prof. Ulfat Jan	Department of Zoology	Department of Science & Technology, SERB SERC	6100000
21	FIST Program Computer Sciences	Prof. S. M. K. Quadri	Department of Computer Science	Department of Science & Technology, SERB SERC	6000000
22	Special Assistance Programme(sap)	Prof. Head,Department of Geography	Department of Geography and Regional Development	Special Assistance Programme	5500000

23	Special Assistance Programme(sap)	Prof. Head,Department of Pharmaceutical Sciences	Pharmaceutical Science	Special Assistance Programme	5475000
24	Extraction of resistant starch from Horse chestnut and rice, its utilization as an encapsulating agent for targeted delivery into the clone	Dr. Adil Gani	Food Science and Technology	Department of Science & Technology, SERB SERC	5473400
25	SPECIAL ASSISTANCE PROGRAMME(SAP)	Prof. Head,Department of Zoology	Department of Zoology	Special Assistance Programme	5460000
26	"Delineation of Active Faults using GPRS in Kashmir valley	Dr. Bikram Singh Bali	Department of Geology and Geophysics	Ministry of Earth Sciences	5428400
27	To investigate the signal transduction role of MKK6 and alpha1 synthrophin in Breast Cancers	Dr. Firdous Ah. Khanday	Department of Biotechnology	Department of Science & Technology, SERB SERC	5310000
28	Identification of Genetic & Environmental factors for gastro esophageal malingnancies in Kashmir valley a high risk population by comparising such factors with low risk populations of Jammu & Ladakh	Dr. Nazir Ahmed Dar	Department of Bio-Chemistry	Department of Science & Technology, SERB SERC	5252500
29	FIST Program Biochemistry	Prof. Mohammad Afzal Zagar	Department of Bio-Chemistry	Department of Science & Technology, SERB SERC	5200000
30	Expression dynamics of TP53 and its isoforms during Hypoxia:Role of hypoxia-regulated microRNAs(miRNAs)	Dr. Mahboob-ul-Hussain	Department of Biotechnology	Department of Science & Technology, SERB SERC	5090000
31	SPECIAL ASSISTANCE PROGRAMME(SAP)	Dr. Irshad Ahmad Nawchoo	Department of Botany	Special Assistance Programme	5000000

32	Electrochemical investigations on electro-reduction of polyhalogenated hydrocarbons in room temperature ionic liquids	Dr. Mohsin Ahmed Bhat	Department of Chemistry	Department of Science & Technology, SERB SERC	4920200
33	R&D efforts by University Groups for INO Project	Dr. Waseem Bari	Department of Physics	Department of Science & Technology, SERB SERC	4884000
34	Inter dependencies of deep crustal and surficial geological processes during continental collision	Dr. Talat Ahmad	Department of Geology and Geophysics	Department of Science & Technology, SERB SERC	4882800
35	Biochemical and Proteomic analysis of Cold Tolerant plants in the Kashmir Himalayan	Dr. Riffat John	Department of Botany	Department of Science & Technology, SERB SERC	4880000
36	'Genetic analysis of lactose synthase complex of exotic high milk yielding and Indigenous low milk producing bovine breeds."	Prof. Khalid Majid Fazili	Department of Biotechnology	Department of Science & Technology, SERB SERC	4830000
37	Comparative expression analysis of alpha-1syntrophin (SNTA 1) protein &its role in cell signal transduction	Dr. Firdous Ah. Khanday	Department of Biotechnology	Department of Biotechnology	4762000
38	Stability of Phytochemicals during processing and storage of Perishable temperate fruits	Mr. Sajad Mohd Wani	Food Science and Technology	Department of Science & Technology, SERB SERC	4723000
39	SPECIAL ASSISTANCE PROGRAMME(SAP)	Prof. Head,Department of Biotechnology	Department of Biotechnology	Special Assistance Programme	4700000
40	Creating and Genomic Platform for Apple research in India	Dr. Ajaz Ahmad Wani	Department of Botany	Department of Science & Technology, SERB SERC	4698000

41	Molecular Characterization of the actemycorrhizal fungi of some important coifers of Kmr Himalaya & the role of these fungi in sustainable rehalibaliation of the degraded forest eco system	Prof. Z.A Reshi	Department of Botany	Department of Science & Technology, SERB SERC	4689000
42	Traditional Knowledge System-Network Programme on Convergence of Traditional Knowledge Systems for Integration to Sustainable Development in the Indian Himalayan Region	Prof. Irshad A. Nawchoo	Department of Botany	School of Environmental Sciences, JNU, New Delhi	4688800
43	Identification of Broncogenic cancer markers through proteomic analysis Bronchial alveolar Lavages & Sera	Dr. Raies Ahmed Qadri	Department of Biotechnology	Department of Science & Technology, SERB SERC	4328000
44	"Developing Cold Tolerant Tomato by Expression of Nove! Cotd Induced Gene From Brassica Oleracea	Dr. Riffat John	Department of Botany	Department of Science & Technology, SERB SERC	4239600
45	Survey diagnosis and control of protozoan, bacterial and pofiution related dlseases In flshes of Jammu, Kashmir and Ladakh".	Prof. M. Z. Chishti	Centre of Research for Development(CORD)	Department of Science & Technology, SERB SERC	4218000
46	Special Assistance Programme (SAP) Library & Information Science	Prof. Head, Department of Library & Information Science	Department of Library and Information Sciences	University Grants Commission /SAP	3800000
47	Flood Hazard Evaluation and Vulnerability Assessment of Upper Jhelum Flood plain in Kashmir Valley	Prof. M.Sultan Bhat	Department of Geography and Regional Development	Ministry of Earth Sciences	3771240

48	To Understand the signal transduction pathway involving the role of P66 SHC,& RhoGTpasc RACL in neuronal cells	Dr. Firdous Ah. Khanday	Department of Biotechnology	Department of Science & Technology, SERB SERC	3702000
49	Induction of variability for genetics improvement of Kashmir Saffron	Dr. Ajaz Ahmad Wani	Department of Botany	Department of Science & Technology, SERB SERC	3701400
50	All India coordinated research project on Reproductive Biology of 4 rare endangered & threatened growing in kmr Himalaya for their conservation & sustainable utilization	Prof. A.H Munshi	Department of Botany	Ministry of Environment & Forests	3690240
51	Biophysical characterization of Glycosylated and non-glycosylated forms of Withania Somnifera glycoprotein, a therapeutically important protein from Withania Somnifera Ashwagandha (RGYI)	Dr. Tanveer Ali Dar	Department of Clinical Biochemistry	Department of Science & Technology, SERB SERC	3495000
52	Assessing the impact of climate and land cover changes on Hydrology	Prof. Shakeel Ahmad Romshoo	Department of Geology and Geophysics	Ministry of Earth Sciences	3375600
53	Role of snow and Ice in controlling regional hydrology of liddar watershed, western Himalaya, using environmental isotopes	Dr. Gh.Jeelani	Department of Geology and Geophysics	Department of Atomic Energy	3101250

On-going Major Projects (Arts Category)

SNo	Project Title	Principal Investigator	Department	Funding Agency	Sanctioned Amount
1	Prevalence of autism spectrum and identifying possible Social Work interventional therapies with special reference to rural and urban districts of Kashmir	Dr. Adil Bashir	Department of Social-Work	Indian Council of Medical Research	4158761
2	Special Assistance Programme(sap)	Prof. Head, Department of Persian	Department of Persian	Special Assistance Programme	3600000
3	Development of Indradanush:An integrated wordnet for Bengali,Gujrati,Punjabi, Konkani, oriya, urdu and Kashmiri	Dr. Adil Amin kak	Department of Linguistics	Department of Science & Technology, SERB SERC	3509000
4	SPECIAL ASSISTANCE PROGRAMME(SAP)	Prof. Head, Department of History	Department of History	Special Assistance Programme	3450000
5	Educational Status of Scheduled Castes/Tribes in Kashmir:Achievements and Challenges"	Dr. Sofiya Hassan Mir	Department of Sociology	Indian Council of Social Science Research	2650000
6	Innovative activities on legal aid through the legal aid clinic in the faculty of law, University of Kashmir to enhance access to justice to marginalized and to strengthen a sustainable model of legal aid centre in an academic institution.	Prof. Mohammad Ayub	Department of Law	Ministry of Law and Justice Govt. Of India	1382000
7	From 'Gender Negative 'to 'Gender Positive' Health care system : A study of health care, gender & conflict in J&K State	Prof. Bashir Ahmad Dabla	Department of Sociology	Indian Council of Medical Research	1359831

8	A needs assessment study to identify Gaps in the legal empowerment of people in the state of Jammu & Kashmir	Prof. Mohammad Ayub	Department of Law	Ministry of Law and Justice Govt. Of India	1353280
9	Role of Media in promoting Health Awareness, A study in Kashmir	Dr. Aaliya Ahmed	Media Education Research Centre	University Grants Commission /SAP	1239100
10	Evolution of Postmodernism in Urdu Literature	Dr. Mohammad Altaf Ahanger	Directorate of Distance Education	University Grants Commission /SAP	1231100
11	Family Planning and Birth Control Concepts among Muslim women in Kashmir	Dr. Nahid Ruhee	Directorate of Distance Education	University Grants Commission /SAP	1170000
12	Language shift and maintenance among Linguistic communities (Purkhi, Parmi, Padri, Siraji, Poguli) in Jammu & Kashmir	Dr. Adil Amin Kak	Department of Linguistics	Indian Council of Social Science Research	1100000
13	Impact of Risk Management and Entrepreneurial Potential on the Effectiveness of Agricultural Employment Generation Schemes : A Case Study of Jammu and Kashmir	Dr. Iqbal A Hakim	The Business School	Indian Council of Social Science Research	1000000
14	Domestic Violence in Kashmir	Dr. Aadil Bashir	Department of Social-Work	Indian Council of Social Science Research	1000000
15	Migration and the Remittances:A Socio-Political Analysis of Kashmir	Dr. Tareek Ahmad Rather	Department of Sociology	Indian Council of Social Science Research	900000
16	National Integration, Issues and Challenges: A Case Study of Kashmir Valley	Dr. Peerzada M. Amin	Department of Sociology	Indian Council of Social Science Research	900000
17	Health Status and Health Care system of Tribal Women in J&K	Dr. Aneesa Shafi	Department of Sociology	University Grants Commission /SAP	839600

18	An insight into the Religious Minorities with special Reference to Sikhs Living in Kashmir Valley	Dr. Wakar Amin Zagar	Department of Social Work	Indian Council of Social Science Research	800000
19	Governance in Kashmir since 1947:A Study in Lessons from the Past and insights for the present and future	Dr. Ajaz Ashraf Wani	Department of Political Science	Indian Council of Social Science Research	800000
20	A Study of efficacy and future challenges of the criminal justices system: victims perspective	Dr. Mehraj-U-Din	Department of Law	University Grants Commission /SAP	786600
21	Impact and effectiveness of the professional development programme in higher education: An Empirical study	Dr. Nighat Basu	Department of Education	University Grants Commission /SAP	772100
22	Allocative and Technical Efficiency in saffron Cultivation in Kashmir Valley	Dr. Imtiyaz ul Haq	Department of Economics	University Grants Commission /SAP	739600
23	Women's Empowerment and poverty reduction: A study of Hanji Gujar and Bakarwal communities in Kashmir	Dr. Tareek Ahmad Rather	Centre of Central Asian Studies (CCAS)	University Grants Commission /SAP	734800
24	Work place sexual harassment: A comprehensive analysis of the health care sector	Dr. Majid Hussain Qadri	The Business School	Indian Council of Medical Research	720500

25	Women Empowerment and local Self-governance in Jammu & Kashmir: A case study of District Ganderbal and Kulgam	Dr. Tabasum Firdous	Academic Staff College	Indian Council of Social Science Research	700000
26	Language Preservation and Shift in Migrant Kashmiri Pandith Youth	Dr. Aejaz Mohammed Sheikh	Department of Linguistics	Indian Council of Social Science Research	700000
27	Developing a Trilingual Kashmiri English Hindi Pronunciation dictionary(lexicon based)	Dr. Adil Amin Kak	Department of Linguistics	University Grants Commission /SAP	637600
28	Description Documentation and preservation of Shina	Dr. Musavir Ahmad	Department of Linguistics	University Grants Commission /SAP	591600
29	Poor Life Conditions of Tribal People in Ladakh: A Study of Dard Tribe	Dr. Manzoor Hussain	Department of Sociology	Indian Council of Social Science Research	560000
30	Linguistic Description and documentation of kohistani	Dr. Nazir Ahamd Dhar	Department of Linguistics	University Grants Commission /SAP	549600
31	Efficacy & Impact of Indian Prison Education in the Prison Management and Rehabilitation of the Prisoners: An Empirical Study	Prof. Nighat Basu	Department of Education	Bureau of Police Research & Development	491000
32	Political Empowerment Women through Panchayati Raj Institutions (PRIs) in Kashmir:Socio Legal dimensions	Dr. Mushtaq Ahmad Dar	Directorate of Distance Education	University Grants Commission /SAP	395000
33	Political Empowerment of Women through Panchayati Raj Institutions (PRIs) in Kashmir: Socio legal dimensions	Dr. Mushatq Ahmad Dar	Department of Law	University Grants Commission /SAP	395000

34	Role of Missionaries in the Development of English in Jammu & Kashmir: A Survey	Dr. Khursheed Ahmad Qazi	Department of English (North Campus)	University Grants Commission /SAP	389300
35	An Evaluation study of project Assist in Jammu & Kashmir	Prof. Bashir Ahmad Dabla	Department of Sociology	National Foundation for Communal Harmony	387000
36	Description and Documentation of Pashtu spoken in Kashmir	Dr. Aejaz Mohammad Sheikh	Department of Linguistics	University Grants Commission /SAP	347800

* Detailed Information regarding Major Projects Sanctioned during the academic year March-2015 to Feb.2016.

Sanctioned Major Projects (Science Category)

SNo	Project Title	Principal Investigator	Department	Funding Agency	Sanctioned Amount
1	Greatwall kinase:studying its role in mitotic arrest and tumorigenesis	Dr. Shaida Andrabi	Department of Bio-Chemistry	Department of Science & Technology, SERB SERC	6352400
2	Expression dynamics of TP53 and its isoforms during Hypoxia:Role of hypoxia-regulated microRNAs(miRNAs)	Dr. Mahboob-ul-Hussain	Department of Biotechnology	Department of Science & Technology, SERB SERC	5090000
3	Traditional Knowledge System-Network Programme on Convergence of Traditional Knowledge Systems for Integration to Sustainable Development in the Indian Himalayan Region	Prof. Irshad A. Nawchoo	Department of Botany	School of Environmental Sciences, JNU, New Delhi	4688800

| 4 | Flood Hazard Evaluation and Vulnerability Assessment of Upper Jhelum Flood plain in Kashmir Valley | Prof. M.Sultan Bhat | Department of Geography and Regional Development | Ministry of Earth Sciences | 3771240 |

Sanctioned Major Projects (Arts and Social Science)

SNo	Project Title	Principal Investigator	Department	Funding Agency	Sanctioned
1	Role of Media in promoting Health Awareness: A study in Kashmir	Dr. Aaliya Ahmed	Media Education Research Centre	University Grants Commission /SAP	1239100
2	Evolution of Postmodernism in Urdu Literature	Dr. Mohammad Altaf Ahanger	Directorate of Distance Education	University Grants Commission /SAP	1231100
3	Family Planning and Birth Control Concepts among Muslim women in Kashmir	Dr. Nahid Ruhee	Directorate of Distance Education	University Grants Commission /SAP	1170000
4	Impact of Risk Management and Entrepreneurial Potential on the Effectiveness of Agricultural Employment Generation Schemes : A Case Study of Jammu and Kashmir	Dr. Iqbal Ahmad Hakim	The Business School	Indian Council of Social Science Research	1000000
5	Domestic Violence in Kashmir	Dr. Aadil Bashir	Department of Social-Work	Indian Council of Social Science Research	1000000
6	An insight into the Religious Minorities with special	Dr. Wakar Amin Zagar	Department of Psychology	Indian Council of Social Science	800000

				Research	
	Reference to Sikhs Living in Kashmir Valley				
7	Allocative and Technical Efficiency in saffron Cultivation in Kashmir Valley	Dr. Imtiyaz ul Haq	Department of Economics	University Grants Commission /SAP	739600
8	Poor Life Conditions of Tribal People in Ladakh: A Study of Dard Tribe	Dr. Manzoor Hussain	Department of Sociology	Indian Council of Social Science Research	560000
9	Political Empowerment Women through Panchayati Raj Institutions (PRIs) in Kashmir:Socio Legal dimensions	Dr. Mushtaq Ahmad Dar	Directorate of Distance Education	University Grants Commission /SAP	395000

3.3   Details regarding minor projects

Project Category	Details	Completed	Ongoing	Sanctioned	Submitted
Minor Science	Number	12	110	20	---
	Amount in Lacs	144.70	1475.02	476.11	---
Minor Arts	Number	---	01	---	---
	Amount in Lacs	---	100000	---	---
Grand Total		---	1476.02	---	---

*   Detailed Information regarding Minor Projects completed during the academic year March-2015 to Feb.2016.

Completed Minor Projects (Science Category)

S.No.	Department	Faculty Name	Title of the projects	Funding Agency	Amount sanctioned
1	Earth Sciences	Dr. S. A. Romshoo	Snow and Glacier studies of	Space Application	2,800,000.00

				Centre, ISRO, Ahmadabad	
2	Physics	Dr. Naseer Iqbal	Study of Correlation between UV and X ray emission from X ray Binaries	ISRO/ Department of Space Govt of India.	2,407,000.00
3	Earth Sciences	Dr. S. A. Romshoo	Glacier Lake outburst studies of the Cholabari lake, Uttarakhand	Department of Science and Technology, Govt. of India, New Delhi	1,950,000.00
4	Earth Sciences	Dr. Gh. Jeelani	The impact of climate change on groundwater resources of karst aquifer in Kashmir Valley	Department of Science and Technology	1,800,000.00
5	Pharmaceutical Sciences	Dr. Mubashir Hussain Masoodi	Phytochemical Screening and Antihyperlipidemic Evaluation of Some Medicinal Plants from Kashmir Himalaya	CCRUM- (AYUSH)	1,400,000.00
6	Center of Research for Development (CORD)	Dr. Bashir Ahmad Ganai	Genetic polymorphism of cyp 3A4 and its relevance with the risk of acute lymphoblastic leukaemia in Kashmiri population"	state DST	1,380,000.00
7	Botany	Dr. Manzoor Ahmad Mir	Neuroprotective effect of Elsholtzia densa and Artemisia amygdalina in cellular survival after Cerebral Ischemia in oxidative/inflammatory in vitro model of Stroke	BHSR Centre Majmaah University	1,000,000.00
8	Botany	Dr. Manzoor Ahmad Shah	Characterization of alien aquatic flora in Kashmir Himalaya for prediction and management of plant invasions	UGC (Major Project)	745,000.00
9	Geography & Regional Development	Dr. G.M. Rather	Assessment of Malnutrition among children of Gujar community	ICSSR	668,640.00
10	Home Science	Dr. Muzamil Jan	Impact of Armed Conflict on Psycho-Social, Physical and Economic Status of Women in Kashmir	UGC	170,000.00

| 11 | Pharmaceutical Sciences | Dr. G. N. Bader | Pharmacognostic and Biological evauation of Eremurus Himaicus with emphasis on Antianxiety activity | UGC | 150,000.00 |

* Detailed Information regarding Minor Projects Ongoing during the academic year March-2015 to Feb.2016.

On-going Minor Projects (Science Category)

S.No	Project Title	Name of Principle Investigator	Funding Agency	Funding Agency	Sanctioned Amount
1	In Vitro propogation and ecorestoration of two endangered, medicinal orchids of Kashmir Himalayas,Malaxismuscifera (Lindi.) Kuntze and Listera Ovata (Linn.) R.Brown	Dr. Seema Singh	Department of Botany	Department of Science & Technology, SERB SERC	2995575
2	Rapamycin-mTOR-S6K phosphorylation paradox: Evaluation of evidence challenging the dogma	Prof. Khurshid Iqbal Andrabi	Department of Biotechnology	Department of Biotechnology	2866000
3	Characterization of Micro flora of Rhizosphere associated with saffron with a target to develop consortia of benefial Microbes"	Prof. Z.A Reshi	Department of Botany	Department of Science & Technology, SERB SERC	2802200
4	Risk Assessment of Kedarnath Glacial Lake outburst floods (GLOF's)	Dr. Talat Ahmad	Department of Geology and Geophysics	Department of Science & Technology, SERB SERC	2760000
5	Internal Ribosome Entry site(IRES) mediated expression of endogenously produced carboxy-terminal domain of connexion 43(Ct-Cx 43) status of expression in the Breast Cancer	Dr. Mahboob-ul-Hassan	Department of Biotechnology	Department of Science & Technology, SERB SERC	2730000
6	Invitro Culture & photochemical analysis of Arnebiabenthamii-A Critically endangered medicinal plant of North western Himalaya	Prof. Azra N.Kamili	Centre of Research and Development (CORD)	Department of Science & Technology, SERB SERC	2662700

7	Use of 16S rRNA gene targeted probes to investigate bacterial diversity and bioindicator species in Manasbal Lake, Kashmir and relationship with trophic status using canonical correspondence analysis (WOS-A)	Miss. Sana Shafi	Centre of Research for Development(CORD)	Department of Science & Technology, SERB SERC	2596000
8	The synergistic therapeutic effect of natural products on the amlioration of gliomass in C6 gliomas rat model	Dr. Ehtishamul Haq	Department of Biotechnology	Department of Ayurveda,Yoga & Naturopathy, Unani,Siddha & Homeopathy	2585000
9	Upregulation of Pyruvate Kinase M2 in human colorectal cancer: Role of post-transcriptional regulatory elements	Dr. Mehboob ul Hussain	Department of Bio-Chemistry	Department of Biotechnology	2550000
10	Effect of plant invasion on Biodiversity and forest regeneration in fragmented mountain ecosystems entrusted	Dr. Irfan Rashid	Department of Botany	Ministry of Environment & Forests	2506250
11	Dynamics of cropping pattern and its implications on food security of Jammu & Kashmir: A spatio-temporal analysis	Prof. M.Sultan Bhat	Department of Geography and Regional Development	Indian Council of Social Science Research	2500000
12	Characterization and conservation of Apricot (Prunus armeniaca L.) germplasm in JAmmu & Kashmir State	Dr. Aijaz Ahmad Wani	Department of Botany	Department of Biotechnology	2483000
13	Expression dynamics of truncated version of eukaryotic initiation factor 4E binding protein (Tr4EBP1) in relation with malignant transformation (Young Scientists)	Mr. Mushtaq Ahmad Beigh	Department of Biotechnology	Department of Science & Technology, SERB SERC	2480000
14	Integrated flood vulnerability Assessment for flood risk management and Disaster Mitigation	Prof. Shakeel Ahmad Romshoo	Department of Geology and Geophysics	Department of Science & Technology, SERB SERC	2459000
15	Alpine Ecosystem dynamics and impact of climate change in Indian Himalaya	Dr. Anzar Ahmad Khuroo	Department of Botany	Indian Space Research Organization	2420000
16	Operation & maintenance of seismic observatory & CGPS stations in Kmr Himalayas	Dr. Bikram Singh Bali	Department of Geography and Regional Development	Ministry of Earth Sciences	2414520

17	Proteomic investigation of brassinosteriod mediated responses of nitrogen metabolism and antioxidant system in cicer arietinum L. under salt and /or cadmium stress	Dr. Arif Shafi Wani	Department of Botany	Department of Science & Technology, SERB SERC	2400000
18	Functional evaluation of a novel P16INK 4A mutation associated with esophageal squamous cell carcinoma (Escc)	Prof. Khurshid I. Andrabi	Department of Biotechnology	Department of Science & Technology, SERB SERC	2250000
19	Role of Hepatitis C virus (HCV) core protein in diagnosis and pathogenesis of HCV infection (WOS-A)	Miss. somia Bashir	Department of Clinical Biochemistry	Department of Science & Technology, SERB SERC	2196000
20	Significance of regulatory proteolysis in cell cycle progression and its therapeutic applications in bacterial infections and cancer cell growth (WOS-A)	Miss. Nowsheen Hamid Bhat	Department of Biotechnology	Department of Science & Technology, SERB SERC	2160000
21	Modelling Atmosphere Pollution and Networking (MAPAN) Srinagar (MAPAN-09)	Prof. Shakeel Ahmad Romshoo	Department of Geology and Geophysics	Ministry of Earth Sciences	2032000
22	To access the susceptibility markers in nucleotide excision repair pathway genes towards esophageal cancer in Kashmir (WOS-A)	Miss. Rumaisa Rafiq	Department of Bio-Chemistry	Department of Science & Technology, SERB SERC	1980000
23	Study of correlaion between ultraviolet and X-Ray emission	Dr. Naseer Iqbal	Department of Physics	Indian Space Research Organization	1975000
24	Isolation identification and cultivation of endophytic fungi from different species of Artemisia for the production and characterization of bioactivity fungal metabolites (WOS-A)	Miss. Humeera Nisa	Department of Environmental Science	Department of Science & Technology, SERB SERC	1969000
25	Evaluation of genetic variants and comparative expression analysis of TNF-Alpha IL-6 and IL-1 Beta in peripheral blood monoculear cells of type 2 diabetic patients with nephropathy (WOS-A)	Miss. Iqra Hameed	Department of Bio-Chemistry	Department of Science & Technology, SERB SERC	1969000
26	Risk Assessment for Kedernath Glacial Lake outburst Floods (GLOF's)	Prof. Shakeel Ahmad Romshoo	Department of Geology and Geophysics	Department of Science & Technology,	1965000

				SERB SERC	
27	Molecular genetics of high myopia in Kmr polymorphic analysis of potential candidate genes	Prof. Khurshid I. Andrabi	Department of Biotechnology	Department of Biotechnology	1905000
28	Impact assessment of cement dust on the quality of crocus sativus L Kashmirianus c.v. with special reference to heavy metal accumulation	Miss. Syed Sana Mehraj	Centre of Research and Development (CORD)	Department of Science & Technology, SERB SERC	1890000
29	Geochemistry of the Panjal traps in parts of KAshmir valley (NW Himalaya), North India: Petrogenetic and techtonic implications	Dr. Akhtar Rasool Mir	Department of Geography and Regional Development	Department of Science & Technology, SERB SERC	1880000
30	Ecology Monitoring of Dal Lake Ecosystem	Dr. Arshid Jehangir	Department of Environmental Science	Lakes & Waterways Development Authority	1863400
31	Identification and characterization of nuclear proteins specific to floral homeotic genes in Crocus Sativus L	Dr. Raies Ahmed Qadri	Department of Biotechnology	Council of Scientific & Industrial Research	1850000
32	Quantition and comparative evaluation of insulin resistance,pro inflammatory and pro coagulant markers in drug native Vs oral contraceptive pills(OCP's) treated PCOS women	Dr. Fouzia Rashid	Department of Clinical Biochemistry	Department of Science & Technology, SERB SERC	1800000
33	Genetic study of common variants at the Apo A, Apo B and Apo E genes in association with coronary arlery disease (CAD) and its impact on apolipoprotein levels in serum (WOS-A)	Miss. Tanzeela Khan	Department of Bio-Chemistry	Department of Science & Technology, SERB SERC	1776000
34	Theoretical studies on some metal-doped organic systems as potential hydrogen storage system (WOS-A)	Miss. Saba Niaz	Department of Chemistry	Department of Science & Technology, SERB SERC	1736000
35	Evaluating the Synergistic role of identified natural compounds on Micro environment modulation in model Lung Cancer Cell Lines	Prof. Raies Ahmed Qadri	Department of Biotechnology	Department of Ayurveda,Yoga & Naturopathy, Unani, Siddha & Homeopathy	1696600

36	Constraining the cosmological parameters and the underlying theoretical models with cMB anisotrophy and polarization measurements	Dr. Manzoor Ahmad Malik	Department of Physics	Department of Science & Technology, SERB SERC	1668000
37	Effect of stress on cellular localization and expression profiling of stress response proteins in human oesophageal squamous cell carcinoma	Prof. Khurshid Iqbal Andrabi	Department of Biotechnology	Department of Biotechnology	1660000
38	Impact of Genetic polymorphism of ACE NF,KB IL-6 and TNFa on ventricular function and effect of spironolactone theraphy on ventricular function in women with polycystic ovary syndrome (PCOS)	Mrs. Aafi Rashid Soofi	Department of Clinical Biochemistry	Department of Science & Technology, SERB SERC	1613791
39	Protozonic Mafic Magmatism in the Central Indian Tectonic Zone(CITZ): elemental and Isotopic Constraints on Crustal	Prof. Talat Ahmad	Department of Geology and Geophysics	Department of Science & Technology, SERB SERC	1602000
40	Remote sensing study for characterization of supraglacial debri in parts of Indus Basin, Kashmir Himalayas J&K	Miss. Iram Ali	Department of Geology and Geophysics	Department of Science & Technology, SERB SERC	1587000
41	Micro-level planning for sustainable dairy development in Kashmir valley	Dr. Harmeet Singh	Department of Geography and Regional Development	University Grants Commission /SAP	1550000
42	GIS Based Atlas of Human Diseases in Kashmir valley	Dr. Ishtihaq A. Mayaer	Department of Geography and Regional Development	Department of Science & Technology, SERB SERC	1500000
43	Study on the effect of Very High Energy (VHE) Emission in Universe	Dr. Naseer Iqbal	Department of Physics	Govt. of India, Department of SPACE	1462000
44	In vitro propagation and effect of AM fungal association on establishment and growth performance of Gentiana kurroo Royle, a threatened medicinal plant growing in Kashmir Himalaya	Dr. Seema Singh	Department of Botany	University Grants Commission /SAP	1452500

45	Measurement of Vegetation and biomass parameters under Vegetation Carbon Pool Assessment(VCP) Sub Project of the ISRO Geosphere Biosphere Program (IGBP) National Carbon Project (NCP)	Dr. Anzar A. Khuroo	Department of Botany	Memorandum of Understanding	1444500
46	Genetic diversity... Kashmir Himalaya	Dr. Zahoor Ahmad Kaloo	Department of Botany	University Grants Commission /SAP	1430000
47	Photochemical Screening and anti hyperlipidemic evaluation of some medicinal plants from Kashmir Himalaya	Dr. Mubashir Hussain Masoodi	Pharmaceutical Science	Central Council for Research in Unani Medicine	1400000
48	Bee Propolis its hepatoprotective guided isolation and characterization using HepG2 cell line and quantification of its bioactive markers	Dr. Mubashir Hussain Masoodi	Pharmaceutical Science	University Grants Commission /SAP	1386300
49	Gene Polymorphism of Cyp3A and its relevance with the risk of acute lymphoblastic leukenia in Kashmir population	Dr. Bashir Ahmad Ganai	Department of Bio-Chemistry	Department of Science & Technology, SERB SERC	1380000
50	National Environmental Gamma Radiation Monitoring using TLDs	Dr. Gulam Jeelani	Department of Geology and Geophysics	Bhabha Atomic Research Centre	1330000
51	Effect of Polyamines and ionic liquids on folding intermediated and solvent incuded aggregation Hen egg white lysozyme	Prof. Khalid Majid Fazili	Department of Biotechnology	Ministry of Environment & Forests	1311800
52	In vivo study of antioxidant and anticancer activities of Elsholtzia densa	Dr. Rabia Hamid	Department of Bio-Chemistry	Department of Biotechnology	1273350
53	Sustainable environmental planning of Leh town:An insight study on solid waste management	Dr. Shamim Ahmad Shah	Department of Geography and Regional Development	University Grants Commission /SAP	1250800
54	Mathematical and Numerical Study of cold stress on human beings in the state of J&K	Dr. Mukhtar Ahmad Khanday	Department of Mathematics	Department of Science & Technology, SERB SERC	1224000

55	Investigations into structural,opto-electronic and excited state properties of some dye-sensitized Semi-conductor nano-composites for solar cell application using density functional theory"	Dr. Altaf Hussain Pandith	Department of Chemistry	University Grants Commission /SAP	1213300
56	Hydrochemical characterization and plankton distribution of stratified Manasbal lake of Kashmir Valley (WOS-A)	Miss. Tabasum Yaseen	Department of Environmental Science	Department of Science & Technology, SERB SERC	1199000
57	Development-------- Applications	Dr. Khurshed Ahmad Shah	Department of Physics	University Grants Commission /SAP	1195800
58	Family Planning and birth Control Concepts among Muslim Women in Kashmir	Dr. Nahid Ruhee	Directorate of Distance Education	University Grants Commission /SAP	1170000
59	Cultivation and genetic diversity of some economically important species of Rheum growth in Kashmir Himalaya of their active principles (WOS-A)	Miss. Shagoon Tabin	Department of Botany	Department of Science & Technology, SERB SERC	1164000
60	Regulation of Racl in different forms of cancers (WOS-A)	Miss. Deeba Kirmani	Department of Biotechnology	Department of Science & Technology, SERB SERC	1164000
61	Molecular studies of cold Resistance ------ Olerance	Prof. Khurshid I. Andrabi	Department of Biotechnology	Department of Science & Technology, SERB SERC	1156000
62	Impact of Armed conflict on psycho social emotional physical and economic status women in Kashmir	Dr. Muzamil Jan	Institute of Home Science	University Grants Commission /SAP	1130800
63	Cultivation, Propagation & genetic diversity of fagopyrum species growing in kmr Himalaya & Ladakh for rutine extraction	Prof. A.H Munshi	Department of Botany	University Grants Commission /SAP	1125000
64	An ethnomedicinal study (Traditional Knowledge) and medical folklore claims of Jammu & Kashmir (WOS-A)	Miss. Rifat Ara	Department of Botany	Department of Science & Technology, SERB SERC	1122000

65	Study of genetic diversity among species of fagopyrum in Kashmir Himalaya using AFLP Marker (WOS-A)	Miss. Asma Majid	Department of Botany	Department of Science & Technology, SERB SERC	1104000
66	MC4R gene relevance in diabetic /obese patients in Kashmiri population (WOS-A)	Miss. Rubia Dar	Department of Biotechnology	Department of Science & Technology, SERB SERC	1104000
67	"Urban.........Tools"	Dr. M.Sultan Bhat	Department of Geography and Regional Development	University Grants Commission /SAP	1084203
68	Studies on Oscillatory Chemical reactions	Dr. G.M.Peerzada	Department of Chemistry	University Grants Commission /SAP	1076800
69	Ecological significance of UV screens in the distribution of UV-B flux and PAR within genus Rumex across North Western Himalaya	Miss. Sumaira Jan	Centre of Research and Development (CORD)	Department of Science & Technology, SERB SERC	1050000
70	Bio-activity guided studies on Anti-anxiety platn drugs of Kashmir origin."	Dr. Zulifiqar Ali Bhat	Pharmaceutical Science	University Grants Commission /SAP	1046800
71	Micropropogation of Artemsia amygdaline,its photochemistry & evaluation medicinal properties	Dr. Bashir Ahmad Ganai	Department of Bio-Chemistry	University Grants Commission /SAP	1004200
72	Synthesis and Biological Evaluation of novel Heterocyclic Compounds as potent and Selective anti-Cancer Agents	Dr. Abdul Roouf Bhat	Department of Chemistry	University Grants Commission /SAP	990000
73	Screening genetic variants in childhood Acute lymphoblastic leukemia (All) in North Indian State of Jammu & Kashmir	Miss. Nidha Sadiq Shapoo	Department of Bio-Chemistry	Department of Science & Technology, SERB SERC	985000
74	Screening of leptin (ob) gene polymorphism and its relation with essential hypertension in Kashmiri population (WOS-A)	Miss. Qulsum Akhter	Department of Bio-Chemistry	Department of Science & Technology, SERB SERC	972000
75	Development of low voltage companding filters &their implementation in IC form	Dr. Nisar Ahmad Shah	Department of E & I Technology	University Grants Commission /SAP	930800

76	Urban Sprawl of Srinagar city :An impact assessment analysis using geospatial tools	Dr. M.Sultan Bhat	Department of Geography and Regional Development	Ministry of Environment & Forests	869300
77	Search for novel anticancer bioactives from the Kashmir Himalayan Mushrooms	Dr. Manzoor Ahmad Shah	Department of Botany	Department of Science & Technology, SERB SERC	867600
78	A study of micro-finance in Jammu and Kashmir State with special reference to Kashmir division	Prof. Mohi-ud-Din	Department of Business and Financial Studies	University Grants Commission /SAP	843600
79	Geochemical Environment and ralted health problems in north Kashmir Himalayas	Dr. G.M.Rather	Department of Geography and Regional Development	University Grants Commission /SAP	841600
80	Mathematical study of cold exposure and related problems in human beings during winter in Jammu and Kashmir	Dr. Mukhtar Ahmad Khanday	Department of Mathematics	University Grants Commission /SAP	819800
81	Characterization of Alien aquatic flora in Kashmir Himalaya for production and management plants invasions	Dr. Manzoor Ahmad Shah	Department of Botany	University Grants Commission /SAP	772800
82	Mushroom spawn production for the Entrepreneurs of Kashmir valley	Prof. Azra N.Kamili	Department of Environmental Science	Department of Science & Technology, SERB SERC	766000
83	E-Repository for J&K University Libraries including Agricultural University Libraries	Prof. S.M.Shafi	Department of Library and Information Sciences	Ministry of Environment & Forests	746600
84	Insulin Gene VNTR Polymorphism in Kashmiri Women with polycystic Ovary Syndrome	Dr. Shajrul Amin	Department of Bio-Chemistry	Indian Council of Medical Research	745500
85	SNP analysis in candidate genes associated with high Myopia in ethnic Kashmiri pedigrees (WOS-A)	Mrs. Shabhat Rasool	Department of Biotechnology	Department of Science & Technology, SERB SERC	744000
86	Towards a better mechanictic understanding of colonization Biographic analysis and population genetics of two highly invasive Asteraceae species	Dr. Manzoor A Shah	Department of Botany	Department of Science & Technology, SERB SERC	723000

87	Assessment of Anthropogenic impact on land use dynamics in lidder catchment of Kashmir valley	Prof. M.S.Bhat	Department of Geography and Regional Development	Indian Council of Social Science Research	700900
88	Impact of food consumption pattern on health and nutrition status of population in Kashmir Region	Dr. Muzamil Jan	Institute of Home Science	Indian Council of Social Science Research	700000
89	Bio-optical Characterization of optically complex waters	Prof. Shakeel Ahmad Romshoo	Department of Geography and Regional Development	Govt. of India, Department of SPACE	700000
90	Assessment of Malnutrition among children – a micro level study of Gujars in great Kmr Himalayan Range	Dr. G.M.Rather	Department of Geography and Regional Development	Indian Council of Social Science Research	668650
91	Wheat flour modification by bacterial,enzymatic and chemical interventions to combact coeliac disorders.	Dr. Adil Gani	Food Science and Technology	Department of Science & Technology, SERB SERC	639200
92	Evaluation of training effectiveness in state administration	Dr. Nazir Ahamd Nazir	Department of Business and Financial Studies	University Grants Commission /SAP	622100
93	UGC-BSR Research Startup Grant	Dr. Mohammad Altaf Bhat	Department of Biotechnology	University Grants Commission /SAP	600000
94	UGC-BSR Research Startup Grant	Dr. Umar Farooq	Department of Computer Science	University Grants Commission /SAP	600000
95	UGC-BRS Research Start up grant	Dr. Abrar Ahmad Qurashi	Department of Biotechnology	University Grants Commission /SAP	600000
96	Crystal growth by low temperature solution growth technique characterization &properties of pure &mixed rare &alkaline earth tartartes	Dr. M.Farooq Mir	Department of Physics	University Grants Commission /SAP	569800
97	Bounds for the zeros and extremal properties of polynomial	Dr. Bashir Ahmad Zargar	Department of Mathematics	University Grants Commission /SAP	360000

98	Expression analysis of MKK4 in human cancer and its role in colorectal cancer transduction	Miss. Usma Manzoor	Department of Biotechnology	The National Academy of Sciences, India	325600
99	Realisation of low voltage switched current circuits meanable for IC form	Dr. Farooq Ahmad Khanday	Department of E & I Technology	University Grants Commission /SAP	200000
100	Design, Development and field Programmable gate array (FPGA) implementation of novel cryptographic techniques	Dr. Shabir Ahmad Parah	Department of E & I Technology	University Grants Commission /SAP	200000
101	Formational Development of Hydrodynamically balance drug delivery system in Vitro &Vivo evaluation	Dr. Nisar Ahmad khan	Pharmaceutical Science	University Grants Commission /SAP	200000
102	Design realisation Development of CDMA based multi-user and multi-carrier communication system	Dr. Javaid Ahmad Sheikh	Department of E & I Technology	University Grants Commission /SAP	199000
103	Isolation and Characterization of antimicrobial principle from a newly isolated microtetraspora species	Dr. Mohammad Iqbal Zargar	Pharmaceutical Science	University Grants Commission /SAP	195000
104	"Dietary essential amino acids requirement , optimum feeding rate and n-6 and n-3 fatty acids requirement of indian catfish Heteropneustes fossilis with a view to develop nutritionally balanced feed for its intensrve culture"	Dr. Imtiaz Ahmed	Department of Zoology	Department of Science & Technology, SERB SERC	190000
105	Developmental & Characterization of transdermal drug delivery system	Dr. Nahida Tabassum	Pharmaceutical Science	University Grants Commission /SAP	185000
106	Prosective Adverse Drug reaction monitoring studies in kashmiri patients	Dr. Mohammad Isaaq Geer	Pharmaceutical Science	University Grants Commission /SAP	180000
107	Investigation on Crystal Growth and characterization of some ferro electric rare-earth coordination compounds	Dr. Basharat Ahmad Want	Department of Physics	Department of Science & Technology, SERB SERC	140000
108	Status of Alien invasions in Ramsar sites of Kashmir Himalaya	Dr. Irfan Rashid	Department of Botany	University Grants	140000

					Commission /SAP
109	Metabollic evaluation of oral contraceptive treated Polycystic ovary Syndrome Women	Dr. Fouzia Rashid	Department of Clinical Biochemistry	University Grants Commission /SAP	120000
110	Design of low voltage low power square root domane filters using level shifter MOSFETs	Dr. Nisar Ahmad Shah	Department of E & I Technology	University Grants Commission /SAP	110000

On-going Minor Projects (Arts and Social Science Category)

S.No.	Tittle of the Project	Principal Invistigator	Department of English	Funding Agency	Sanctioned Amount
1	Translation of twenty short stories from Kashmiri into English	Dr. Tasleem Ahmad War	Department of English	University Grants Commission /SAP	100000

* Detailed Information regarding Minor Projects Sanctioned completed during the academic year March-2015 to Feb.2016.

Sanctioned Minor Projects (Science Category)

SNo	Project Title	Principal Investigator	Department	Funding Agency	Sanctioned
1	Use of 16S rRNA gene targeted probes to investigate bacterial diversity and bioindicator species in Manasbal Lake, Kashmir and relationship with trophic status using canonical correspondence analysis (WOS-A)	Miss. Sana Shafi	Centre of Research for Development(CORD)	Department of Science & Technology, SERB SERC	2596000
2	Upregulation of Pyruvate Kinase M2 in human colorectal cancer: Role of post-transcriptional regulatory elements	Dr. Mehboob ul Hussain	Department of Bio-Chemistry	Department of Biotechnology	2550000
3	Dynamics of cropping pattern and its implications on food security of Jammu & Kashmir: A spatio-temporal analysis	Prof. M.Sultan Bhat	Department of Geography and Regional Development	Indian Council of Social Science Research	2500000

4	Characterization and conservation of Apricot (Prunus armeniaca L.) germplasm in JAmmu & Kashmir State	Dr. Aijaz Ahmad Wani	Department of Botany	Department of Biotechnology	2483000
5	Theoretical studies on some metal-doped organic systems as potential hydrogen storage system (WOS-A)	Miss. Saba Niaz	Department of Chemistry	Department of Science & Technology, SERB SERC	1736000
6	Impact of Genetic polymorphism of ACE NF,Kß IL-6 and TNFa on ventricular function and effect of spironolactone theraphy on ventricular function in women with polycystic ovary syndrome (PCOS)	Mrs. Aafi Rashid Soofi	Department of Clinical Biochemistry	Department of Science & Technology, SERB SERC	1613791
7	Micro-level planning for sustainable dairy development in Kashmir valley	Dr. Harmeet Singh	Department of Geography and Regional Development	University Grants Commission /SAP	1550000
8	In vitro propagation and effect of AM fungal association on establishment and growth performance of Gentiana kurroo Royle, a threatened medicinal plant growing in Kashmir Himalaya	Dr. Seema Singh	Department of Botany	University Grants Commission /SAP	1452500
9	Measurement of Vegetation and biomass parameters under Vegetation Carbon Pool Assessment(VCP) Sub Project of the ISRO Geosphere Biosphere Program (IGBP) National Carbon Project (NCP)	Dr. Anzar A. Khuroo	Department of Botany	Memorandum of Understanding	1444500
10	Genetic diversity... Kashmir Himalaya	Dr. Zahoor Ahmad Kaloo	Department of Botany	University Grants Commission /SAP	1430000
11	National Environmental Gamma Radiation Monitoring using TLDs	Dr. Gulam Jeelani	Department of Geology and Geophysics	Bhabha Atomic Research Centre	1330000
12	Family Planning and birth Control Concepts among Muslim Women in Kashmir	Dr. Nahid Ruhee	Directorate of Distance Education	University Grants Commission /SAP	1170000

13	Synthesis and Biological Evaluation of novel Heterocyclic Compounds as potent and Selective anti-Cancer Agents	Dr. Abdul Roouf Bhat	Department of Chemistry	University Grants Commission /SAP	990000
14	Screening genetic variants in childhood Acute lymphoblastic leukemia (All) in North Indian State of Jammu & Kashmir	Miss. Nidha Sadiq Shapoo	Department of Bio-Chemistry	Department of Science & Technology, SERB SERC	985000
15	Search for novel anticancer bioactives from the Kashmir Himalayan Mushrooms	Dr. Manzoor Ahmad Shah	Department of Botany	Department of Science & Technology, SERB SERC	867600
16	Insulin Gene VNTR Polymorphism in Kashmiri Women with polycystic Ovary Syndrome	Dr. Shajrul Amin	Department of Bio-Chemistry	Indian Council of Medical Research	745500
17	Allocative and Technical Efficiency in saffron Cultivation in Kashmir Valley	Dr. Imtiyaz ul Haq	Department of Economics	University Grants Commission /SAP	739600
18	UGC-BSR Research Startup Grant	Dr. Mohammad Altaf Bhat	Department of Biotechnology	University Grants Commission /SAP	600000
19	UGC-BSR Research Startup Grant	Dr. Umar Farooq	Department of Computer Science	University Grants Commission /SAP	600000
20	Expression analysis of MKK4 in human cancer and its role in colorectal cancer transduction	Miss. Usma Manzoor	Department of Biotechnology	The National Academy of Sciences, India	325600

3.4   Details of research publications

	International	National	Others
Peer Review Journals	627	143	18
Non-Peer Review Journals	---	---	---
e-Journals	---	---	---
Conference proceedings	178	293	89

3.5   Details on Impact factor of publications:

Range	0.1-8.03	Average	1.83	h-index	32	Nos. in SCOPUS	325

3.6 Research Funds sanctioned and received from various funding Agencies, Industry and other organisations:

Major Science

SNo	Project Title	Principal Investigator	Department	Funding Agency	Start Date	End Date	Sanctioned	Released
1	Greatwall kinase:studying its role in mitotic arrest and tumorigenesis	Dr. Shaida Andrabi	Department of Bio-Chemistry	Department of Science & Technology, SERB SERC	14/01/2015	13/01/2018	6352400	5016400
2	Expression dynamics of TP53 and its isoforms during Hypoxia:Role of hypoxia-regulated microRNAs(miRNAs)	Dr. Mahboob-ul-Hussain	Department of Biotechnology	Department of Science & Technology, SERB SERC	10/08/2015	09/08/2018	5090000	2600000
3	Traditional Knowledge System-Network Programme on Convergence of Traditional Knowledge Systems for Integration to Sustainable Development in the Indian Himalayan Region	Prof. Irshad A. Nawchoo	Department of Botany	School of Environmental Sciences, JNU, New Delhi	01/05/2015	30/04/2020	4688800	1212800
4	Flood Hazard Evaluation and Vulnerability Assessment of Upper Jhelum Flood plain in Kashmir Valley	Prof. M.Sultan Bhat	Department of Geography and Regional Development	Ministry of Earth Sciences	11/05/2015	10/05/2018	3771240	3771240
						Grand Total	19902440	12600440

Minor Science

SNo	Project Title	Principal Investigator	Department	Funding Agency	Start Date	End Date	Sanctioned	Released

		or						
1	Use of 16S rRNA gene targeted probes to investigate bacterial diversity and bioindicator species in Manasbal Lake, Kashmir and relationship with trophic status using canonical correspondence analysis (WOS-A)	Miss. Sana Shafi		Department of Science & Technology, SERB SERC	7/11/2015	26/11/2018	2596000	1100000
2	Upregulation of Pyruvate Kinase M2 in human colorectal cancer: Role of post-transcriptional regulatory elements	Dr. Mehboob ul Hussain	Department of Bio-Chemistry	Department of Biotechnology	29/07/2015	28/07/2018	2550000	1400000
3	Dynamics of cropping pattern and its implications on food security of Jammu & Kashmir: A spatio-temporal analysis	Prof. M.Sultan Bhat	Department of Geography and Regional Development	Indian Council of Social Science Research	1/12/2015	30/12/2018	2500000	1000000
4	Characterization and conservation of Apricot (Prunus armeniaca L.) germplasm in JAmmu & Kashmir State	Dr. Aijaz Ahmad Wani	Department of Botany	Department of Biotechnology	0/02/2015	09/02/2018	2483000	2483000
5	Theoretical studies on some metal-doped organic systems as potential hydrogen storage system	Miss. Saba Niaz	Department of Chemistry	Department of Science & Technology, SERB SERC	23/06/2015	22/06/2018	1736000	712000

	(WOS-A)							
6	Impact of Genetic polymorphism of ACE NF,Kß IL-6 and TNFa on ventricular function and effect of spironolactone theraphy on ventricular function in women with polycystic ovary syndrome (PCOS)	Mrs. aafi Rashid Soofi	Department of Clinical Biochemistry	Department of Science & Technology, SERB SERC	27/08/2015	26/08/2018	1613791	942791
7	Micro-level planning for sustainable dairy development in Kashmir valley	Dr. Harmeet Singh	Department of Geography and Regional Development	University Grants Commission /SAP	01/07/2015	30/06/2018	1550000	1025000
8	In vitro propagation and effect of AM fungal association on establishment and growth performance of Gentiana kurroo Royle, a threatened medicinal plant growing in Kashmir Himalaya	Dr. Seema Singh	Department of Botany	University Grants Commission /SAP	01/07/2015	30/06/2018	1452500	1017500
9	Measurement of Vegetation and biomass parameters under Vegetation Carbon Pool Assessment(VCP) Sub Project of the ISRO Geosphere Biosphere	Dr. Anzar A. Khuroo	Department of Botany	Memorandum of Understanding	3/07/2015	02/07/2018	1444500	519300

	Program (IGBP) National Carbon Project (NCP)							
10	Genetic diversity… Kashmir Himalaya	Dr. Zahoor Ahmad Kaloo	Department of Botany	University Grants Commission /SAP	1/07/2016	02/07/2019	1430000	982500
11	National Environmental Gamma Radiation Monitoring using TLDs	Dr. Gulam Jeelani	Department of Geology and Geophysics	Bhabha Atomic Research Centre	2/02/2015	11/02/2016	1330000	399000
12	Family Planning and birth Control Concepts among Muslim Women in Kashmir	Dr. Nahid Ruhee	Directorate of IT & SS	University Grants Commission /SAP	1/07/2015	30/06/2018	1170000	645000
13	Synthesis and Biological Evaluation of novel Heterocyclic Compounds as potent and Selective anti-Cancer Agents	Dr. Abdul Roouf Bhat	Department of Chemistry	University Grants Commission /SAP	1/07/2015	02/04/2018	990000	765000
14	Screening genetic variants in childhood Acute lymphoblastic leukemia (All) in North Indian State of Jammu & Kashmir	Miss. Nidha Sadiq Shapoo	Department of Bio-Chemistry	Department of Science & Technology, SERB SERC	4/09/2015	13/09/2018	985000	900000
15	Search for novel anticancer bioactives from the Kashmir Himalayan Mushrooms	Dr. Manzoor Ahmad Shah	Department of Botany	Department of Science & Technology, SERB SERC	4/12/2015	13/12/2018	867600	867600
16	Insulin Gene VNTR Polymorphism in Kashmiri Women with	Dr. Shajrul Amin	Department of Bio-Chemistry	Indian Council of Medical Research	6/03/2015	15/03/2018	745500	372750

	polycystic Ovary Syndrome							
17	Allocative and Technical Efficiency in saffron Cultivation in Kashmir Valley	Dr. Imtiyaz ul Haq	Department of Economics	University Grants Commission /SAP	1/07/2015	02/07/2018	739600	421600
18	UGC-BSR Research Startup Grant	Dr. Mohamma d Altaf Bhat	Department of Biotechnology	University Grants Commission /SAP	30/03/2015	29/03/2018	600000	600000
19	UGC-BSR Research Startup Grant	Dr. Umar Farooq	Department of Computer Science	University Grants Commission /SAP	30/03/2015	29/03/2018	600000	600000
20	Expression analysis of MKK4 in human cancer and its role in colorectal cancer transduction	Miss. Usma Manzoor	Department of Biotechnology	The National Academy of Sciences, India	21/01/2015	20/01/2018	325600	227920
						Grand Total	**47611531**	**29581401**

Major Arts

SN o	Project Title	Principal Investigat or	Department	Funding Agency	Start Date	End Date	Sanctione d	Released
1	Role of Media in promoting Health Awareness: A study in Kashmir	Dr. Aaliya Ahmed	Media Education Research Centre	University Grants Commission /SAP	01/07/2015	30/06/2018	1239100	758600
2	Evolution of Postmodernism in Urdu Literature	Dr. Mohamma d Altaf Ahanger	Directorate of Distance Education	University Grants Commission /SAP	01/07/2015	02/04/2018	1231100	780600
3	Family Planning and Birth Control Concepts among Muslim women in Kashmir	Dr. Nahid Ruhee	Directorate of Distance Education	University Grants Commission /SAP	01/07/2015	02/07/2018	1170000	645000

4	Impact of Risk Management and Entrepreneurial Potential on the Effectiveness of Agricultural Employment Generation Schemes : A Case Study of Jammu and Kashmir	Dr. Iqbal ahmad Hakim	The Business School	Indian Council of Social Science Research	09/02/2016	08/04/2019	1000000	400000
5	Domestic Violence in Kashmir	Dr. Aadil Bashir	Department of Social-Work	Indian Council of Social Science Research	08/02/2016	07/02/2019	1000000	400000
6	An insight into the Religious Minorities with special Reference to Sikhs Living in Kashmir Valley	Dr. Wakar Amin Zagar	Department of Social Work	Indian Council of Social Science Research	28/09/2015	30/08/2018	800000	320000
7	Allocative and Technical Efficiency in saffron Cultivation in Kashmir Valley	Dr. Imtiyaz ul Haq	Department of Economics	University Grants Commission /SAP	01/07/2015	02/07/2018	739600	421600
8	Poor Life Conditions of Tribal People in Ladakh: A Study of Dard Tribe	Dr. Manzoor Hussain	Department of Sociology	Indian Council of Social Science Research	15/02/2016	14/04/2019	560000	224000
9	Political Empowerment Women through Panchayati Raj Institutions (PRIs) in Kashmir:Socio Legal dimensions	Dr. Mushtaq Ahmad Dar	Directorate of Distance Education	University Grants Commission /SAP	01/07/2015	30/06/2018	395000	270000
				Grand Total			8134800	4219800

3.7 No. of books published

i). With ISBN No. 102   Chapters in Edited Books 73

ii) Without ISBN No. 24

3.8 No. of University Departments receiving funds from

UGC-SAP 07   CAS ----   DST-FIST 09

DPE ---   DBT Scheme/funds 02

3.9 For colleges

Autonomy ---   CPE ---   DBT Star Scheme ----

INSPIRE ---   CE ---   Any other (Specify) ---

3.10   Revenue generated through consultancy nil

3.11   No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	37	27	28	--	--
Sponsoring agencies	----				

Detailed information regarding Conference/Symposia/Workshops organised by the Institutions:-

Department	Type	Conference Name	Sponsors	Category
Centre of Central Asian Studies (CCAS)	Conferences	Literary Legacy of Indo-Central Asia, Afghanistan and Iran	Ministry of External Affairs, Govt. of India, Sahita Akademy, National Council for Promotion of Urdu Language	International
	Conferences	Rishi-Sufi Traditions of Kashmir	Indian Council for Cultural Relations, New Delhi	International
Electronics & Instrumentation Technology	Conferences	2015 International Conference on Advances in Computers, Communication, and Electronic Engineering (COMMUNE-2015)	Jammu and Kashmir Bank Ltd. and Scientec Pvt Ltd	International
Institute of Kashmir Studies	Workshops	Early Response to Disaster in Jammu and Kashmir	Centre of Law and Development Policy and Human Welfare Voluntary Organisation	International
Law	Symposia	Indus Water Treaty	DEPARTMENT OF LAW	International
Botany	Conference	Young Investigators Meeting 2015	DBT, NCBS, TIFR, KU	International
Botany	Conferences	National Symposium on "Biodiversity, Biology & Bioprospecting"	SERB, Department of Science and Technology, New Delhi	National
Business & Financial Studies	Workshops	National Level Workshop on food Fortification	Consumer Voice, New Delhi	National
Center of Research for Development (CORD)	Symposia	seven billion Dreams, One planet, Consume with care	J& K DST, and University of Kashmir	National
Centre of Central Asian Studies (CCAS)	Seminars	Heritage of Mir Syed Ali Hamdani	Embassy of the Republic of Tajikistan, New Delhi	National
	Seminars	World Museum Day	Centre of Central Asian Studies	National
Directorate Of Distance Education	Seminars	Capital Market Awareness	DDE & Bombay Stock Exchange	National
	Seminars	Maa Baad Jadeed tanqid: Assasi aur Itlaaqi Jihaat	NCPUL	National
Econimics	Workshops	Research Methodology in Social Sciences in Collaborations with HRDC, University of Kashmir	UGC	National
	Workshops	Census Data CSPro Basics in Collaborations with ORGI, New Delhi	Ministry of Home Affairs, GOI	National
	Seminars	Economic Survey (2014-15) Outreach session by Prof. Arvind Subramanian, Chief Economic Advisor	Ministry of Finance, GOI	National

	Workshops	Basic Demographic Techniques	Ministry of Home Affairs, GOI	National
	Workshops	Empirical Research Using Micro Level Data of NSSO	Ministry of Statistics and Programme Implementation GOI	National
Electronics & Instrumentation Technology	Seminars	2015 National Seminar on Electronic Devices, Systems and Information Systems (SEEDS-2015)	UGC	National
English	Seminars	Revisitng Literary Classics in the Postmodern Secular World	Dept of English, K U	National
	Workshops	ELT Workshop	Dept of English, K U in collaboration with Cambridge University Press	National
	Seminars	Agha Shahid Ali: Tradition and Modernity	Dept of English, K U	National
Environmental Science	Seminars	World Environment Day-2015	University of Kashmir Srinagar and DST JK Govt	National
	Symposia	Department of Environmental Science hosted a special session on Environmental Problems in TECHVAGANZA- 2015	Department of Environmental Science, University of Kashmir Srinagar in collaboration with National Institute of Technology Srinagar	National
Food Science & Technology	Symposia	Biotechnological Interventions for Upgradation of Food Products of India	DST DBT	National
History	Seminars	perspectives on the history of Jammu and kashmir (1846-1947)	ICSSR, N-W Zone Chandigarh ICHR, NEW Delhi UGC-SAP Deptt of History, University of Kashmir Jammu and Kashmir Bank Ltd	National
Institute of Kashmir Studies	Workshops	A 2-day workshop on 'Training on Ethical Leadership & Peace Building.	Youth Network under (YAP) Project	National
Law	Conferences	LEGAL AID TO MARGINALIZED : ISSUES AND CHALLENGES	DEPT OF LAW IN COLLABORATION WITH DEPT OF JUSTICE, GOVT OF INDIA	National
	Conferences	LEGAL AID TO MARGINALIZED: ISSUES AND CHALLENGES	DEPT OF LAW, IN COLLABORATION WITH DEPT OF JUSTICE, GOVT OF INDIA	National
	Workshops	LOK ADALAT: PROCEDURES, PRACTICE AND PERSPECTIVES	DEPT OF LAW IN COLLABORATION WITH DEPT OF JUSTICE GOVT OF INDIA	National
Library & Information Science	Seminars	Issues related to the Library and Information Science Profession in the North-Western Region of India	ICSSR	National

Linguistics	Conferences	Current Trends in Linguistics with Special Reference to Kashmiri Language	Department of Linguistics, University of Kashmir in Collaboration with CIIL, Mysore	National
	Workshops	Kashmiri Writing Style	Department of Linguistics, University of Kashmir in Collaboration with CIIL, Mysore	National
	Workshops	Scheme for Promotion and Protection of Endangered Languages	Department of Linguistics, University of Kashmir in Collaboration with CIIL, Mysore	National
Mathematics	Workshops	3 Day Lecture programme on Mathematical Modeling of Biological Systems-(Dr. M.A.Khanday-Convener)	NNMCB, DST	National
	Workshops	AIS, Naive set theory and its Applications-2015-(Prof. M.A. Sofi-Convener)	NBHM	National
	Workshops	National level Workshop on Mathematics and Its Applications-(Dr. M. A. Khanday-Organizing Secretary)	NBHM and University of Kashmir	National
	Workshops	Introduction to Graph and Geometric Algorithms-(Prof. S. Pirzada-Convener)	NBHM	National
Media Education & Research Centre (MERC)	Workshops	Gender and Media	MERC and Population Fund	National
	Workshops	Urdu Fiction Writing	Pratham Books	National
Physics	Workshops	Trends in Modern Nuclear Physics	DST, Govt. of India	National
Political Science	Seminars	Gender & Conflict in South Asia	Development Research Center New Delhi	National
Sheikh-Ul-Alam Chair	Seminars	Centenary celebrations of outstanding Kashmiri poet and translator of 19th Centenary, Wahab Parrey Hajini	Sahitya Akademy (National Academy of Letters) New Delhi	National
	Seminars	Young Kashmiri Mushaira	Sahitya Akademy (National Academy of Letters) New Delhi	National
	Seminars	Shaikh Hamzah Makhdoom and his contribution to Kashmir Society	Markaz-i Noor, Centre for Shaikh-ul Aalam Studies	National
	Conferences	Bazm-i Sheeraza	J &K Academy of Art, Culture and Languages Srinagar and Academy and the Department of Kashmiri	National
	Conferences	Two Day National Level Poetic Symposium	Sahitya Akademi New Delhi	National
	Seminars	Religious Pluralism -Revisiting the Legacies of Shaikh-ul Aalam	ICSSR	National

		and Kabir Das		
South Campus Computer Sciences	Workshops	Creating dynamic websites using Drupal	IAC Software Solutions	National
The Business School	Seminars	National Seminar on Economic Empowerment Through Financial Education	National Stock Exchange and Securities Exchange Board of India	National
Arabic	Seminars	Development of Quranic sciences	Arabic Department	Local
	Conferences	Importance of Arabic in current global scenerio	Arabic Department	Local
Directorate Of Distance Education	Workshops	Research Methodology-ID	DDE	Local
Directorate Of IT&SS	Workshops	Implementation of File Tracking Sysytem	Directorate Of IT&SS	Local
Directorate Of Life Long Learning	Workshops	State level Awarness Camp on Skill Development and Youth Empowerment	DLL	Local
Educational Multimedia Research Centre	Workshops	e-Content Development	B.Sc Bio Medical Science	Local
	Workshops	Refresher Course	Information Department J&K	Local
	Workshops	Awareness Programme on Driving	ILM Consultants	Local
	Workshops	Screening of Himalayan Floods Film	EMMRC	Local
	Workshops	Video Editing Training Course	IUST, Awantipora	Local
Environmental Science	Workshops	Environmental Impact Assessment (EIA) and Strategic Environmental Assessment (SEA)	Department of Environmental Science,University of Kashmir Srinagar	Local
	Workshops	Special interaction of Noble Laurate Tim Hunt with students of 11th and 12th class students	Department of Botany in collaboration with Department of Environmental Science,University of Kashmir Srinagar	Local
Law	Symposia	INTER PARLIAMENTARY DEBATE	DEPT OF LAW	Local
	Seminars	CORRUPTION :PROBLEMS AND PERSPECTIVES	DEPT OF LAW	Local
	Workshops	LOK ADALAT: PROCEDURE, PRACTICE AND PROBLEMS	DEPT OF LAW IN COLLABORATION WITH DEPT OFJUSTICE, GOVT OF INDIA	Local
	Symposia	THREE DAY TRAINING PROGRAMME ON FIRST MEDICAL RESPONDERS IN FIRST AID	DEPT OF LAW	Local
	Symposia	DEBATE ON INDO PAK	DEPT OF LAW	Local

		TALKS:CHALLENGES AND ISSUES		
	Symposia	DEBATE ON STATE SPONSORED IDEOLOGICAL STAND ON ARTICLE 370 OF CONSTITUTION OF INDIA	DEPJT OF LAW	Local
	Symposia	BEEF BAN ON STATE OF JAMMU AND KASHMIR	DEPT OF LAW	Local
	Symposia	DEBATE ON SUPERLATIVE HEALTHCARE SYSTEM IN JAMMU AND KASHMIR	DEPT OF LAW	Local
	Symposia	INTER SEMESTER DEBATING COMPETITION ON "CONFLICT BETWEEN EXECUTIVE AND JUDICIARY"	DEPT OF LAW	Local
	Symposia	INTER COLLEGE MEGA DEBATING COMPETITION	DEPT OF LAW	Local
	Symposia	STATE LEVEL MOOT COURT COMPETITION ON ARTICLE 370	DEPT OF LAW IN COLLABORATION WITH J&K BANK	Local
	Seminars	WORLD ENVIRONMENT DAY	DEPARTMENT OF LAW	Local
	Symposia	SECULARISM IN INDIA	DEPARTMENT OF LAW	Local
	Symposia	INTER COLLEGE ESSAY COMPETITION ON TRAFFIC MANAGEMENT	DEPARTMENT OF LAW IN COLLABORATION WITH TRAFFIC POLICE DEPARTMENT SRINAGAR	Local
	Workshops	DISASTER MANAGEMENT	DEPARTMENT OF LAW IN COLLABORATION WITH INDIAN RED CROSS SOCIETY	Local
	Workshops	FIRST MEDICAL RESPONDERS AND FIRST AID	DEPARTMENT OF LAW IN COLLABORATION WITH INDIAN RED CROSS SOCIETY	Local
	Symposia	ABOLITION OF DEATH PENALTY	DEPARTMENT OF LAW	Local
	Symposia	INDO-PAK TALKS: ISSUES AND CHALLENGES	DEPARTMENT OF LAW	Local
	Workshops	LEGAL LITERACY DRIVE	DEPARTMENT OF LAW	Local
	Symposia	PROFESSIONAL DEVELOPMENT TRAINING FOR LAW TEACHERS ON "NATURAL RESOURCES LAW, SUSTAINABLE DEVELOPMENT AND PUBLIC INTEREST ADVOCACY"	DEPARTMENT OF LAW	Local
Media Education & Research Centre (MERC)	Workshops	Print Media Editing	MERC	Local
	Seminars	World Press Freedom Day	JK Press	Local
	Workshops	Photography	Sony India	Local

Sheikh-Ul-Alam Chair	Conferences	Book Release Function	J &K Academy of Art, Culture and Languages Srinagar	Local
	Symposia	Kour Zene Aye Aalmas Shoob	Jamia Falah-e-Niswa, Jammu and Kashmir	Local
	Conferences	Contribution of Saints and Sufis to our Education	Markaz-i Noor, Center for Shaikh-ul Aalam Studies	Local
	Conferences	Felicitated Prof Shad Ramzan HOD Kashmiri on confirmation of Sahitya Akademy Award of 2014	University of Kashmir	Local
	Conferences	"Alamdar of Kashmir Shaikh-ul Aalam(R.A)	Markaz-i Noor, Centre for Shaikh-ul Aalam Studies	Local
	Seminars	Urs-e Shah-i Hamdan	Al- Sarwat Foundation Anantnag and Centre for Shaikh-ul Aalam Studies	Local
Social Work	Workshops	Present Educational Scenario and Possible Reforms	Indo Global Social Service Society	Local
	Workshops	Disaster Preparedness and Early Warning	Centre for Law and Development	Local
Sociology	Workshops	Mentorship program	Kashmir Education Initative	Local
	Symposia	Kisan Divas	Department of Sociology	Local
	Symposia	Minorities Rights Day	Department of Sociology	Local
	Workshops	Research Methodology Workshop	HRC, University of Kashmir Srinagar	Local

3.12   **No. of faculty served as experts, chairpersons or resource persons**   255

3.13   **No. of Collaboration**   International   04   National   09   Any other   --

3.14   **No. of Linkages created during this year**   03

3.15   Total budget for research for current year in lakhs :

From Funding agency   77,80,11,23   From Management of University/College   29,88,000

Total   78,09,99,235

3.16   No. of patents received this year

Type of Patent		Number
National	Applied	03
	Granted	01
International	Applied	01
	Granted	01
Commercialised	Applied	02
	Granted	01

**3.17   No. of research awards/ recognitions received by faculty and research fellows
Of the institute in the year**

Total	International	National	State	University	District	College
29	02	24	03	--	--	---

Awards and Recognitions received by the Faculty

Center of Research for Development (CORD)

- **Prof. B. A. Ganai** received APSI fellowship award Gujrat, 2-3 Feb,2015.
- **Prof. B. A. Ganai** was awarded as **Fellow** by ICEE in an international conference on Environment and Ecology held on 2nd March,2015 at Kolkata, West Bengal India.
- **Prof. B. A. Ganai received Certificate of Appreciation** from All India Unani Tibbi Congress,   J & K Chapter on 2nd National Summit on Unani Medicine on 12th may 2015, at University of Kashmir, Srinagar J&K.
- **Prof. B. A. Ganai was adjudged as Best Speaker** for the lecture on Climate Change and its effect on Agriculture delivered during technology week (2014-2015) launched with the Theme "Innovative Technology Transfer for Lively Hood and Entrepreneurship Development" on 24th March 2015, at SKUAST.
- **Prof. Azra N Kamil**i received fellow award from international foundation for environment and ecology, kolkatta (IFEE) 2-4 MARCH 2015.
- **Prof. Azra N Kamili** attended Academic Council meeting of SKUAST- K on 8th July 2015 in capacity of being its member.

➢ **Prof. Azra N Kamili** received certificate of appreciation for acting as member of abstract review committee in " Global conference on Unani medicine, emerging trends and future prospects, October 12-13 2015 at SKICC Srinagar.

Post Graduate Department of Chemistry

➢ Dr. Aijaz Ahmad Dar, Physical Chemistry Division, Department of Chemistry has been honoured by the International publisher Elsevier as a member of Editorial Board of Scientific Journal "**Colloids and Surfaces A: Physicochemical and Engineering Aspects**" with ISSN 0927-7757 and having Impact factor of 2.752.

Post Graduate Department of Electronics and Instrumentation Technology

➢ Dr. Shabir A Parah received best technical paper award at 12th IEEE International Conference INDICON held at JMI New Delhi from 17 to 20 Dec, 2015.

Post Graduate Department of Physics

➢ Dr. Javaid A Sheikh received best technical paper award at 12th IEEE International Conference INDICON held at JMI New Delhi from 17 to 20 Dec, 2015.

Post Graduate Department of Hindi

➢ Dr. Ruby Zutshi honoured with Jenab Bakshi Ghulam Mohammad Memorial Award

Post Graduate Department of Law

➢ Prof. Mohammad Ayub, Dean and Head, Faculty of Law received the "Environmental Law Champions" award from Asian Development Bank and the IUCN Academy of Environmental Law held in Manila, Philippines on 23-27 March, 2015, conducted by Asian Development Bank and IUCN Academy of Environmental Law.

Post Graduate Department of Mathematics

➢ Young Scientist Award received by Dr. Mukhtar Ah. Khanday in March 2015.

Post Graduate Department of Pharmaceutical Sciences

➢ **Prof. Nahid Tabassum** recommended by DST GOI as mentor for INSPIRE award scheme for the year 2014-2015.
➢ **Prof. Nahid Tabassum** was placed in the panel of experts for evaluation of PhD thesis/Viva of AIIMS-New Delhi and V B Patel Chest, University of Delhi.
➢ **Dr. Mubashir Hussain Masoodi** (Sr. Assistant Professor) was awarded International Travel Grant from DST for attending 11th International Symposium on the Chemistry of Natural Compounds scheduled at **Antalya, TURKEY** from 1- 4 October, 2015.

Post Graduate Department of Computer Science, South Campus

➢ Best Paper Award received by Mr. Hilal Ahmad Khanday, Assistant Professor at JK Science Congress 2015

Post Graduate Department of Statistics

➢ Dr. Anwar Hassan received the best teacher's award in KSU, Saudi Arabia.

3.18 **No. of faculty from the Institution who are Ph. D. Guides** | 297 |

students registered under them | 1010 |

3.19 **No. of Ph.D. awarded by faculty from the Institution** | 102 |

3.20 **No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)**

JRF | 132 | SRF | 40 | Project Fellow | 300 | Any other | --- |

3.21 No. of students Participated in NSS events:

| University level | 250 | State Level | 10000 |
| National level | ---- | International level | ---- |

3.22 No. of students participated in NCC events:

| University level | --- | State Level | --- |
| National level | --- | International level | ---- |

3.23 No. of Awards won in NSS:

University level	----	State Level	----
National level	----	International level	----

3.24 No. of Awards won in NCC:

University level	----	State Level	----
National level	----	International level	----

3.25 No. of Extension activities organized

University Forum	43	College	36
NCC	----	NSS	22
		Any other	05

Criterion – IV

4. Infrastructure and Learning Resources

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

S.No.	Campus	Location	Campus area in acres	Newly Created	Source of Fund	Total
I).	Main Campus	Urban	262.5	---	---	---
Location of other Campus and satellite Campuses				---	---	---
01.	Mirza Bagh	Urban	26.125	---	---	---
02.	Zakura	Urban	37.375	---	---	---
03.	North Campus Baramulla	Rural Rural	34.375 at upper Delina 42.5 at lower Delina	---	---	---
04.	South Campus Anantnag	Rural	94.875	---	---	---
05	Kupwara	Rural	42.5	---	---	---
06.	Leh	Rural	102.375	---	---	---
07.	Kargil Campus	Rural	75	---	---	---
08.	Bhatindi Jammu	Rural	1.5	---	---	---
Others Infrastructure Facilities						
II)	Classrooms	About 300	---	---	---	---
III)	Laboratories	About 100	---	---	---	---
IV).	Seminar Halls	About 10	---	---	---	---

Infrastructure purchased in year 2015 by various Departments				
Department	**Resourse**	**No. Available**	**Number Added**	**Cost of Added**
Bio-Chemistry	LCD Projectors for classrooms	1	2	870,00.00
Botany	2D Gel Electrophoresis Set up (Molecular biology lab.)	---	1	1,350,000.00

	Deep Freezer -80C (Bioresources)	---	1	612,657.00
	Refrigerated Centrifuge (Molecular biology lab.)	---	1	550,000.00
	Incubator shaker (Bioresources)	---	1	242,890.00
	LCD projectors	---	2	161,526.00
	Digital Balances (2 No.) (Bioresources)	---	2	129,390.00
	Lens: EF180mm f/3.5L Macro USM (Ecology Lab)	---	1	104,995.00
	Lens: EF8-15mm f/4L Fisheye USM (Ecology Lab)	---	1	94,995.00
	Autoclave	---	1	86,249.00
	Global Positioning System (GARMIN MONTERRA) (Ecology Lab)	---	1	65,587.00
	Field camera (Canon 750D DSLR) (Ecology Lab)	---	1	59,977.00
	Orbital Shaker	---	1	54,790.00
	Vertical Electrophoresis Apparatus	---	1	54,548.00
Center of Research for Development (CORD)	Microscope olympus with PC	---	1	450,000.00
	PCR	1	1	370,000.00
	Spectro photometer	2	1	125,000.00
Centre of Central Asian Studies (CCAS)	Museum Artifacts	---	12	130,409.00
	Desktop (All in one)	---	1	67,790.00
Clinical Bio-Chemistry	Lab Equipments	30	11	2,380,046.00
	Computers	10	2	130,000.00
	Tables and chairs for library	15	19	106,448.00
Economics	Projector	1	2	110,000.00
	Laptops	5	1	55,000.00

Electronics & Instrumentation Technology	Equipment	500	2	784,403.00
Environmental Science	Three digit Balance	---	1	250,000.00
	Furniture, aquaguard etc	28	14	99,000.00
	Equipments-Distillation plants, Micropippetes etc	4	2	38,000.00
Institute of Kashmir Studies	PROJECTORS	---	2	110,000.00
Mathematics	Computer Lab. (Laptop/Desktop)	30	3	103,000.00
Media Education & Research Centre (MERC)	Printer	8	1	8,271.00
North Campus Computer Sciences	All-in-One PCs for PhD Scholars	---	7	420,000.00
	LCD Projector	3	2	65,000.00
	Network Printer	---	1	24,000.00
	LCD Projector Epson (wifi)	---	1	32,450.00
	Two Desktops/Printers	---	2	100,000.00
	2 Projectors	---	2	70,000.00
Pharmaceutical Sciences	Computer Software/ animal Simulator	---	1	96,000.00
Political Science	Wifi internet facility to the Scholars and Students of the department	---		80,000.00
Population Research Centre (PRC)	Elnova, UPS	---		19,990.00
Shah-I-Hamdan Institute of Islamic Studies	Computers	7	4	120,845.00
Social Work	Laptop	2	1	48,000.00
	Steel Lockers/Glass Door Lockers	12	2	19,000.00
Statistics	Benches (Godrej)	---	32	216,761.00
	Laptop	---	1	81,686.00
The Business School	1. Computers (DESK TOPS)	23	30	3,227,474.00

	3. LCD Projectots	5	4	299,186.00
	2. Printers	11	9	101,831.00
Urdu	Xerox machines	1	1	140,258.00
	Pc's all in one (3 No's)	7	3	122,214.00
Zoology	LCD Projector	0	2	177,000.00
			Grand Total	14,346,666.00

4.1 Details of increase in infrastructure facilities in the Main Campus and various Satellite Campuses:

OTHERS INFRASTRUCTURE DEVELOPMENT

Status of works executed under PMRP Funds

S.No.	Name of the Project	Advertised/tendered cost (Rs. In Lacs)	Allotted cost	Tentative Completion cost	Percentage of work completed
Main Campus					
1	Research Scholars Hostel	437.80	386.42	396.42	Completed and handed over
2	Girls Hostel (05 storeyed)	663.00	558.27	566.27	Completed and handed over
North Campus					
3	Double Storeyed Boys Hostel	319.00	298.76	407.56	99
4	Double Storeyed Girls Hostel	319.00	312.93	338.00	99
South Campus					
5	Education-cum-Business Management Block	615.00	615.00	615.00	95
Leh Campus					

6	Administration block & Hostel Block Single	670.00	631.70	631.69	Completed and handed over
7	Social Science Block/Arts Block	548.00	542.54	542.54	Completed and handed over
8	Science Block	688.00	646.92	646.92	Completed and handed over
9	Construction of Roads	121.71	121.71	121.71	Completed and handed over
10	External electrification	100.11	100.11	100.11	Completed and handed over
11	Water supply scheme	143.47	143.47	143.47	Completed and handed over
12	Chain link fencing	140.00	118.83	108.53	Completed and handed over
13	Residential quarters	120.00	120.00	135.00	Completed and handed over
Kargil Campus					
14	Administrative block & Hostel Block single	522.00	540.91	640.91	Completed and handed over
15	Social Science Block/Arts Block	656.00	622.26	790.00	Completed and handed over
16	Science Block	507.00	506.99	610.00	Completed and handed over
17	Construction of Roads	115.91	115.91	115.91	Completed and handed over

18	Chain link fencing	125.00	101.20	99.70	Completed and handed over
19	External Electrification	100.00	100.00	100.00	Completed and handed over
20	Water supply scheme	136.06	136.06	136.06	Completed and handed over
21	Residential quarters	114.00	114.00	124.00	Completed and handed over
Kupwara Campus					
22	Academic Block	331.00	331.00	390.00	90

4.2. Computerization of Administration and library

Administration:

The University has taken major steps towards the computerization of Administration for smooth functioning of Work Flow Management. Structured OFC networking has been laid down and Wi-Fi devices have been installed. Besides this every section is equipped with minimum of three to four computer systems along printing facility. Various in-house software solutions have been developed to enhance the efficiency of the work. Biometric Attendance equipments have been installed in Administration block for monitoring attendance of officers and non-teaching staff. Following are the in-house software solutions development for Administration:-

- File Tracking System to track University Files,
- Online Software application for Estates Section.
- Salary Software Management Solution System.
- Dean Research work flow Management Software Solution.
- Online web-portal for downloading Call Letters.
- DIQA Faculty Evaluation System, University Council Docs, University Help Desk.
- Appointment Management System for VCs Secretariat,

Library:

The library is fully computerized and is unique in the state in offering online access to various databases of its resources through Campus Area Network. The entire collection of Central Library is bar coded and RFID (Radio Frequency Identification System) tagged and therefore Allama Iqbal Library is unique in successfully implementing RFID technology in the State of Jammu and Kashmir. Besides, the library distinguishes itself in offering up-dated access to thousands of online journals and e-Books. Access to various online libraries and world renowned databases has thrown the gates of huge knowledge resources open to its users.

Facility

The Career Corner at First floor of the library houses latest material for the students preparing for Competitive tests and Civil Service examinations.

The library has well equipped Internet Browsing centers on the first floor having both LAN (Local Area Network) and Wi-Fi Connectivity with a number of computers installed and E-Resources centre at Second floor having computer systems dedicated for browsing and for multimedia access.

The Library distinguishes itself by providing Remote Access facility (RAF) to all the subscribed electronic journals and journals accessible via UGC-Info Net digital library consortium. This facility helps the registered users to access all the E-Resources available at Allama Iqbal Library from any part of world through the Internet.

Besides the division has following software/hardware facilities for the visually impaired students:

i)   Kurzweil 1000- A text to speech software to ease and enhance visually impaired students reading,   writing, and learning experiences.
ii).   JAWS screen reading software for visually impaired students.
iii). Zoom-Ex - An electronic scanner/reader/magnifier that aids visually-impaired persons in reading printed material and writing in real time.
a)   **Angel Pro Karishma Daisy Player -** Angel PRO is a talking assistive technology device specially designed for the visually challenged that could be utilized in digital library to issue and read the ebooks in various formats including DAISY.
b)   **Dedicated computer systems and Scanners.**

Allama Iqbal Library's Website: A rich source of information available to our users through our website @ http://ail.uok.edu.in. A few examples are as under:

➢   **E-Resources:** A gateway to thousands of online journals, Bibliographical databases, e-Libraries, e-Books etc accessible from anywhere, anytime to our registered users.

➢ **Online Public Access Catalogue (OPAC):** A gateway to our Library collection in Allama Iqbal Library and other Departmental Libraries of University of Kashmir.

➢ **Virtual Library:** A gateway to thousands of FREE e-resources including e-journals, e-books, Open Courseware, Online libraries etc.

➢ **Digitized Collection:** Includes Manuscripts and Books.

➢ **Electronic Theses and Dissertation Portal (Shodhganga):** Hundreds of Ph.D Theses from University of Kashmir available for viewing & download. Housed by INFLIBNET Centre, Gandhinagar, Gujarat.

➢ **Knowledge Repository Open Network (KNOOR):** University of Kashmir's Digital repository of Conference Papers & Proceedings, Research Papers and Electronic Theses and Dissertation.

➢ **Ask a Librarian:** A facility to interact with University Librarian/Library & Information Professional anytime and from anywhere.

➢ **Twitter Account:** Follow us on twitter @ **twitter.com/allamaiqballib** for news, events & updates from Allama Iqbal Library, University of Kashmir.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	6,41,158 (Accessioned)	--	24,413	6,65,301	--	--
Reference Books	--	--	--	--	--	--
e-Books	9000 +	--	--	--	--	--
Journals (Print)	26	--	--	--	--	3,22,2009
Journals (Print back volumes)	56,513 (approx)	--	--	--	--	--
e-Journals	9500	--	--	--	--	9,26,991
Digital Database	02	--	--		--	3,00,000
CD & Video	545	--	--		--	--
Others (specify)		--	--		--	--
Manuscripts	415	--	--		--	--
Rare Books	1442	--	--		--	--
Digitized Books	17,000 (Approx)	--	--		--	--

4.4 Technology up-gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	1670	12	LAN and Wifi	32	----	----	---	---
Added	60	1	---	---	----	----	---	---
Total	1730	13	---	32	----	----	---	---

4.5 Computer, Internet access, training to teachers and students and any other programme for technology up-gradation (Networking, e-Governance etc.)

❖ After the successful development of in-house software development the non-teaching staff is imparted tanning to handle the software effectively.

❖ Various Computer Training programs are conducted by the Directorate of IT & SS for Non-Teaching Staff.

❖ Receipt & Dispatch clerical Staff are trained to operate the online File Tracking System followed by the University.

Network (Under E-Governance Initiative (Project)):

❖ Bandwidth Up-gradation from Main Campus to Satellite (North South) Campus Up to 40 Mbps.

❖ Network Connectivity from Main Campus to Zukura Campus, Govt Dental College Sgr, GDC Bandipora, GDC Sumbal, GDC Beerwah.

4.6 Amount spent on maintenance in lakhs :

Note:- The Amount given below is as per the financial year- 2015-2016

Information & Communication Technology	Rs. 14,346,666/-
Campus Infrastructure and facilities	Rs. 47,64,00,547/-
Equipments	Rs. 29,87,314/-
Others/Books & Journals	Rs. 11,03,631/-
Total :	**Rs. 49,39,46,372**

Criterion – V

5. Student Support and Progression

5.1 Contribution of DIQA in enhancing awareness about Student Support Services.

- ➢ **IQAC (or DIQA) contributes in enhancing** awareness about Student Support Services in the following ways

- ➢ It monitors and evaluates the teaching and learning process with the help of various committees and coordinators like Internal Assessment Coordinator, Examination Coordinator, Faculty Nodal Officer etc.

- ➢ It has appointed faculty Nodal Officer for each Department who looks after smooth conduct of classes. The Nodal officers also take regular feedback from the students to ensure effective learning of all subjects. Nodal Officer of DIQA also arranges for extra mural lectures and helps resolve various problems of students.

- ➢ It also encourages the Departments/Faculties to invite guest speakers from other Institutions/ Industry to enrich the knowledge base of students through sharing of ideas and good practices. Every Faculty organizes special talks, lectures by inviting eminent personalities to the department as a provision by providing them honorarium out of DIQAU fund.

- ➢ **DIQA** has started Performance Based Appraisal System (PBAS). With the PBAS, the institute evaluates faculty members on their teaching and research performance. The institute has instituted Best Teacher Award given on the basis of student and peer feedback. The evaluation of student feedback helps the faculty member in improving upon the teaching pedagogy and also motivates the faculty members for doing better research work and publication. Beside this, student feedback on course content and subject taught along with the feedback on the faculty members is taken in every semester as a measure to have academic audit and thereby improving upon all the functional areas.

- ➢ The **DIQA** works in close liaison with Centre for Career Planning and Counselling (CCPC) to arrange remedial coaching for the poor students to prepare them for Civil Services and UGC-NET examinations.

- ➢ The Directorate of the Life Long Learning and CCPC have been entrusted the task of conducting certificate courses in Personality Development, Communicative English, Stress Management, etc. to prepare the students handling other competitive examinations leading to their employment.

5.2 Efforts made by the institution for tracking the progression

Kashmir University has made considerable progress in evolving a mechanism for tracking the progression of the Institution.

- ➢ Academic Review Committee meetings are held twice annually to review UG and PG academic activity.

- ➢ Dissertation Review Committee meetings are held regularly to know the progress of students' dissertation work which is further discussed at Departmental Research Committees (DRC) and Board of Research Studies (BORS).

- ➢ All Departments have anti-ragging committees headed by the Head of the Department.

- Student magazines are released every year.

- Students mentorship programmes are available.

- Peer feedback of the teachers is conducted regularly.

- Students' feedback about teachers is conducted.

- Regular formative and summative assessments for UG and PG are carried out.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
36486	3438	180	8072

b).	No. of students from outside the state	Above 5000
c).	No. of international students	12

Post Graduate programmers											
Last Year (Pass out of 2014)						This Year (Pass out of 2015)					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
---	---	---	---	---	2271	---	---	---	---	---	2544
Under Graduate Courses											
---	---	---	---	---	21143	---	---	---	---	---	16739

Demand Ratio 2014 of PG Courses: 37,238 Applicants   **Demand Ratio 2015 of PG Courses: 39301   Applicants**

Dropout % 2014 of PG Courses: 3800 Students Enrolled   **Dropout % 2015 of PG Courses: 3800   Students Enrolled**

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

The University's Centre for Career Planning and Counselling (CCPC) has come up as a professional centre providing guidance and also conducting coaching classes for students appearing for civil services including IAS, KAS, and NET/SET and other competitive exams. The Outcome of these guidance and coaching classes is encouraging as the number of students who have qualified competitive exams has increased over the years.

The Centre for Career Planning & Counselling has also been actively involved in creating awareness by organizing workshops, seminars and interactive sessions by various renowned IAS and KAS officers. The Centre is also working on identifying bright students from various academic disciplines to provide them with information about various civil services examinations and encourage them to prepare for the same. The Centre for Career Planning also has a web portal for online registration wherein students register themselves for keeping themselves abreast with the latest developments regarding recruitment drives, coaching for civil servants, and different competitive exams.

5.5   No. of students qualified in these examinations

NET	311	SET/SLET	21	GATE	14	CAT	--
IAS/IPS etc	--	State PSC	13	UPSC	--	Others	41

5.6   Details of student counselling and career guidance

The Centre for Career Planning and Counselling arranges for the students to work with local, national and international organizations in part-time as well as full time careers, prepares students with professional job skills, provides opportunities for students to contact organizations that provide lucrative careers, helps students manage between various career options available to them and provides information and planning through staff development programs.

No. of students benefitted   135

5.7 Details of campus placement

On Campus Name of Organizations Visited	Number of Students Placed
➢ AIRTEL ➢ LIGARE (UDAAN) ➢ TENVIC (UDAAN) ➢ YES BANK ➢ RODMAN TECH (UDAAN) ➢ ACCENTURE ➢ ARESS SOFTWARES ➢ EXCEL INFOCOM ➢ FUTURE LEARNING ➢ IMS HEALTH ➢ KPMG ➢ MANPOWER GROUP ➢ MBD GROUP ➢ MOUNT TALENT CONSULTING ➢ MULTICARE SERVICES ➢ RELIANCE HR SERVICES ➢ S. E.-BIZ INFOTECH ➢ SAFEX PRESS ➢ SHAJ-E-VILLAGE ➢ TATA MOTORS ➢ VISPL ➢ KVC (TELE PERFORMANCE AND HGS).	135

5.8 Details of gender sensitization programmes

The University promotes a gender sensitive environment within the campus. In this direction, Vice Chancellor has constituted Women Empowerment and Grievance Committee which takes care of sexual harassment cases. Besides this, the University has a full-fledged Women's Studies Centre that acts as a catalyst for promoting and strengthening women studies through teaching, research, curriculum development, field and extension work, training and continuing education. The Centre conducts gender related programmes and has worked remarkably in the areas of gender equity, economic and self reliance for women and girl education.

5.9. Students' Activities

Number of Conferences / Workshops / Symposia/ Festivals etc. organised / attended by Students at Regional, National and International level during the year 2015

The following are the details of the students' activities organised by the University during 2015:

1. A contingent of 18 students led by Cultural Officer of the University participated in the 31st North India Level Inter University Youth Festival organized by Association of Indian Universities and Ministry of Youth Affairs, Govt. of India and hosted by Punjab Agricultural University Ludhiana, Punjab from 14th January to 18th January 2015. The team participated in the debating, quiz, elocution, music and fine arts.

2. Organised a Photo Exhibition Festival of budding student artists of Kashmir in association with Picturesque Kashmir from 13th to 15th March 2015. Around 150 art works were installed and exhibited in the corridors of the convocation complex. The special exhibition was also organized to commemorate International Women's Day 2015. Besides this, a multi-cultural programme was also organised.

3. Organised educational tour of students of Kashmir University to the universities of Delhi and historical places in Delhi from 11th to 25th March 2015. Around 18 students visited University of Delhi, Jamia Millia Islamia University, Jamia Hamdard University and interacted with their counterparts in these universities.

4. Organised a workshop and orientation course on youth parliament from 21st to 30th March, 2015. 65 students were trained for youth parliament competitions and 55 students were selected who participated in the Group Level Competition of 12th National Youth Parliament competition on 12th May, 2015. The team competed against the best teams across northern India and emerged winner at group level (North Zone Level).

5. Organised an awareness programme for the students of the University on the eve of World No Tobacco Day on 31st May 2015.

6. Green Sermon, a symposium on save forests was organised in association with Pace Productions Kashmir in the Ibni-i-Khaldoun Auditorium

7. Organised the 2nd workshop and orientation course on youth parliament from 10th to 22nd September, 2015. 55 students were trained for youth parliament competitions and 55 students were selected who participated in the 12th National Youth Parliament competition on 23rd September, 2015. The team competed against the best teams across India and was adjudged as 3rd.

8. Organised Inter-University/Inter-College annual IIPA/DSW Debate Competition on 8th August 2015 on the topic, 'This house believes, " September 2014 Flood in the State was a Man-Made Catastrophe".

9. Organised Inter-University North Zone Governors' 1st Annual Debate Competition on 9th and 10th October, 2015 in the University of Kashmir. Besides students of J&K, students from Northern Universities participated in the event.

10. Green Sermon, a symposium on save forests was organised in association with Pace Productions Kashmir in the Ibni-i-Khaldoun Auditorium

11. Seminar on the eve of World Environment Day was organised in association with Department of Environmental Science and CORD, University of Kashmir on 5th June 2015.

12. Talent Hunt Competition, "Kashmir's Got Talent 2015", was organised during Nov/Dec 2015 at University of Kashmir and various colleges and schools of the valley. Around 20 events in the domain of Art, Culture and Literary activities. Around 500 students from various schools, colleges and universities of the Valley participate in the event.

13. Two students participated in the 1st Governor's Annual Inter-University North Zone Declamation Contest organised by Jammu University on the topic, *"Is Tolerance any longer relevant in promoting strong, stable and harmonious Societies"* on 22nd December, 2015 in Jammu University.

5.9.1   No. of students participated in Sports, Games and other events

State/University Level	National Level	Intentional Level
2560	214	---

No. of students participated in cultural events

State/University Level	National Level	Intentional Level
600	110	---

5.9.2   No. of Medals/awards won by students in Sports, Games and other events

Sports:-

State/University Level	National Level	Intentional Level
34	13	---

Cultural

State/University Level	National Level	Intentional Level
02	10	---

5.10   Scholarships and Financial Support

	Number of students	Amount
Financial support from institution **(NHFDC undertaking of Ministry of Social Justice empowerment**	36	9,00,000.00
Financial support from government **(Department of Social welfare, GOI, J&K)**	66	12,00,000.00
Financial support from other sources **(State Pahari Advisory Board)**	70	13,00,000.00
Number of students who received International/ National recognitions	nil	nil

5.11   Student organised/initiatives

Fairs:-

State/University Level | 01 | National Level | --- | Intentional Level | --- |

Exhibition:-

State/University Level | 01 | National Level | --- | Intentional Level | --- |

5.12   No. of social initiatives undertaken by the students | 02 |

1.   Organised a Social Service Camp on the eve of Friday following Eid-e-Milad-o-Nabi (SAW) on 9th January, 2015. Devotees from across Kashmir were provided with light refreshment and tea at Dargah Hazratbal Shrine.

2.   Various Departments organised campus cleaning drives in which the Law Department of the University was forefronting these drives.

5.13   Major grievances of students (if any) redressed:

~ Anti Ragging committee KU resolved two cases of ragging one of IAMS college student Zakura and the second of Mr Ishfaq Ahmad shah of (3rd Semester) Law.

~ A group of students taking part in cultural literary activities represented to DSW in January 2016 that special provision for holding examination be kept for those students who at times are likely to miss the examination because of their engagement in cultural literary activities. DSW took the matter with authorities who in turn passed the guidelines to controller examinations that examination date sheets be adjusted in a way that those students taking part in cultural activities within and outside the state be given a chance to appear in examinations in time

Criterion-V

6.   Governance, Leadership and Management

6.1   State the Vision and Mission of the Institution

Vision

⟩ To create an intellectually stimulating environment, promote excellence in teaching, research and extension activities and facilitate academic freedom, diversity and harmony.

Mission

⟩ To be a world class University committed to create and disseminate knowledge for human development and welfare.

6.2 Does the Institution has a Management Information System

Yes the University has the Management Information Systems (MIS). The following are the few MIS based applications:

➤ Salary Software Management Solution System.

➤ File Tracking System to track University Files.

➤ Dean Research Work Flow Management Software Solution.

➤ Online web-portal for downloading call letters.

➤ DIQA Faculty Evaluation System, University Council Docs, University Help Desk.

➤ Appointment Management System for VCs Secretariat.

➤ Online Software Application Choice Based Credit System for PG courses.

6.3   Quality improvement strategies adopted by the institution for each of the following:

6.3.1   Curriculum Development

From 2014, the University adopted CBCS (Choice Based Credit System) in deference to the UGC guidelines. The scheme was further reviewed in 2015 to make it more robust and efficient.

For quality sustenance, the Institute ensures that all the mechanisms introduced   run properly. The syllabi of all programmes are updated regularly and new courses are offered keeping in view the global and local needs and

challenges. In addition to the experts in diverse fields, the process is facilitated by active contribution and feedback from industry and alumni.

The University invites faculties from global institutes to give their inputs for quality enhancement in curriculum. Regular feedbacks from students and stakeholders are taken and the Institute has also formed an advisory board for the same purpose.

For many years now, the University has put emphasis on ICT enabled courses, ICT competence and multi-skill development. The system tries to adopt an approach of flexibility to slow learners and challenges to advanced learners. Wherever the curricula can be supplemented, value added component of ICT is included for equipping the students to compete on the global level.

6.3.2   Teaching and Learning

* ❖ The University of Kashmir has moved to a learner-centric approach in teaching and new methodologies have been devised to help students comprehend their subjects.

* ❖ With a focus on the learner-centred approach, the faculty uses the lecture-cum-discussion method, project works, assignments etc. LCD with Wi-Fi Internet is also used in the teaching-learning process.

* ❖ Collaborative learning is undertaken through internship with industries, field trips, group projects and simulations.

* ❖ The faculty are required to undergo several Faculty Development Programmes (FDPs) through the Human Resource Development Centre to gain professional excellence.

* ❖ Self-directed learning across all the courses is promoted.

* ❖ The University conducts academic audits for departments.

* ❖ All departments are encouraged to adopt all best practices possible in teaching and learning.

* ❖ UG and PG students are encouraged to participate in external quiz, symposia and debate competitions.

* ❖ Problem based learning method is adopted with ICT enabled teaching.

* ❖ Simulation labs and skills labs in certain departments have been introduced to make the understanding of the subject better and to improve the skills of the students.

6.3.3   Examination and Evaluation

The performance of a candidate is assessed on the basis of written semester examinations, continuous assessment, practicals and viva voce (where ever applicable). The University conducts almost all the programmes on semester basis and the examinations are conducted at the end of each semester. Only those candidates are allowed to appear in the semester examinations who fulfil the requirements/eligibility conditions as prescribed under the statutes applicable to the programme.

The students are also assessed through a well designed mechanism of Continuous Assessment (Internal Assessment). The Continuous Assessment based on the performance of the students in seminars, tutorials, quiz, term paper, written test and viva-voce examination carries 20% to 30% of the total marks per paper. No student is allowed to appear in the theory examination of a course/ paper unless he/she has passed the Continuous Assessment component of that course/paper.

Examination and evaluation have seen major changes recently especially with respect to decentralization of evaluation at PG Level for speedy declaration of results. Some of the major reforms in this field are:

Introduction of Unique Enrolment Number provided to the student at the time of registration and retained by the student till completion of the degree.

Photocopy of the answer scripts are provided when demanded by the candidate.

A separate   RTI cell has been created for the examination alone to help make the system transparent.

6.3.4   Research and Development

The Dean Research Office, created specifically to look after all the research activities of the University, is contributing significantly to the goal of facilitating research.

The University of Kashmir encourages new recruits to carry independent research by providing them seed money for the purpose.

There has been a significant increase in the number of projects sanctioned to various faculty members and research scholars of the University in the past few years and the trend is continuing.

In a recent move, funds were sanctioned to the faculty members by the University to carry out various research projects after evaluating their research proposals.

In each department four research fellowships are provided to researchers on merit basis by the Dean of the Faculty concerned.

The University of Kashmir has a separate Research for Development (CORD) which was established in 1979. Right from its inception, the Centre has been quite active in establishing a multi-disciplinary and inter-institutional research base and has made considerable progress in the research areas like Horticulture, Plant Pathology, Lake Conservation, Forest Ecology, Fisheries Development, Medicinal Plants and Wild life Conservation. The staff of the Centre has more than **475** research publications and nine books to its credit on the themes directly concerned with the development of the society. Government of J&K is working in close coordination with this centre for the development of the State.

The University is a place where the intellectual stimulating environment with open ended and free flow of academic and professional enquiry, co-curricular and extracurricular activities exists for overall personality development of the individuals. At University of Kashmir we have been transforming the education system to meet the emerging challenges of access, equity and quality. The objective is to produce highly skilled and knowledgeable human capital and meet the societal commitments. The focus is on developing adequate infrastructure and requisite environment for imparting broad-based and holistic education and conducting cutting-edge research across the pure sciences, social sciences and humanities.

6.3.5   Library, ICT and physical infrastructure/instrumentation

❖ The library is fully computerized and is unique in the State in offering online access to various databases of its resources through Campus Area Network. The entire collection of Central Library is bar coded and RFID (Radio Frequency Identification System) tagged and therefore Allama Iqbal Library is unique in successfully implementing

RFID technology in the State of Jammu and Kashmir. Besides, the library distinguishes itself in offering up-dated access to thousands of online journals and e-books. Access to various online libraries and world renowned databases has thrown the gates of huge knowledge resources open to its users.

❖ The Directorate of IT & SS has taken measure steps toward the Information Communication Technology (ICT) based setup for overall up-gradation of all the campuses including the affiliated colleges of the University. A brief account follows:

Software (Under E-Governance Initiative (Project)):

⟩ New Kashmir University Website Development,

⟩ Developing e-governed Choice Based System for PG courses ,

⟩ Integrate Online Payment Gateway with University Online Applications,

⟩ File Tracking System to track University Files,

⟩ Appointing Management System for VCs Secretariat,

⟩ DIQA Faculty Evaluation System, University Council Docs, University Help Desk.

❖ The University has a full-fledged **Directorate of Physical Education and Sports** with a Director and a team of qualified coaches for various games. There are spacious and well-maintained playing fields on the campus, where Inter-College and Inter-University sports tournaments and championships are organized to encourage students to participate in sports of their choice. The participating students are encouraged by the University authorities through awards of cash prizes as well as medals and trophies. The University also provides opportunity to other sport-lovers to have tournaments in different sports in which people other than students also participate. The University Grants Commission has set up a Nodal Centre in the Directorate of Physical Education and Sports to foster the spirit of adventure sports in the Universities and Colleges of North India. The University of Kashmir has now become a facility centre for adventure sports like Ice-skiing, Ski-mountaineering, Mountaineering, Waterskiing, Kayaking and Canoeing, Aqua Para Shooting and White Water Rafting. Any bonafide student of a College and University can take part in the training programmes run by the Nodal Centre. Besides, the Directorate also runs a Health Centre to meet the fitness needs of players, teachers and other employees.

6.3.6 Human Resource Management

Faculty development programmes, refresher programmes and orientation programmes are regularly conducted by the UGC Human Resource Centre of the University. Besides this, special summer/winter school refresher courses are also organised on a regular basis.

The performance of the faculty is evaluated by Performance Appraisal System through online feedback mechanism received from students, peers and administrative heads.

The weaknesses are identified and overcome by appropriate measures for efficient human resource management.

6.3.7 Faculty and Staff Recruitment

The University has established a separate Recruitment Section meant for the recruitment of both teaching faculty and non-teaching staff. The faculty positions are strictly filled in as per the guidelines of UGC. However, the University has evolved a robust mechanism for recruiting talented youth for non-teaching positions. The OMR Sheet based objective/descriptive type examinations are conducted in a foolproof manner followed by interviews.

6.3.8 Industry Interaction/Collaboration

The University of Kashmir has strong linkages and collaborations with industries and business institutions. Executives from industries are invited to deliver lectures during seminars and sessions. Students are sent to industries for field trips as well as to undertake internships.

The University has an excellent core faculty and a high profile visiting faculty from the premier institutions of the country and even from the corporate world. The emphasis is on strengthening industry-academia linkages, from curricula and faculty to infrastructure, research and placements. We have signed MoUs with many leading Universities and research institutions from within and outside the country and some are in the process of being signed.

6.3.9 Admission of Students

The University has developed a foolproof mechanism for PG admissions. OMR sheets are used for the process and the applicants are able to get a carbon copy of their answer scripts and within 24 hours the answer key is uploaded on the University website. The students are given time to raise queries regarding the doubtful questions. The same is then examined by a team of experts.

6.4 Welfare schemes for

Teaching	Residential Quarters for teaching faculty. In-campus Health Centre available round the clock. Life saving drugs being provided by University to teaching faculty. Supernumerary seats for the children of Teaching faculty in every post graduate and undergraduate programme offered by the University. Sabbatical Leave provided to teaching faculty.
Non-teaching	Residential Quarters for non-teaching staff In-campus Health Centre available round the clock. Life saving drugs being provided by University to non-teaching Staff. University Model School Children of University employees. Festival Allowance up to Rs.10,000 Bus Facility Supernumerary seats for children of non-teaching staff in every post graduate and undergraduate programme offered by the University.
Students	In-campus Health Centre available round the clock. Residential Hostels for Male and Female Students, Scholarships for poor students and separate hostel for scholars

6.5 **Total corpus fund generated**

Rs.7,67,200

6.6 **Whether annual financial audit has been done**

Yes

6.7 **Whether Academic and Administrative Audit (AAA) has been done?**

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	---	----	Yes	Dean, Academic Affairs
Administrative	Yes	Comptroller and Auditor General's Office	--	---

6.8 **Does the University/ Autonomous College declare results within 30 days?**

For UG   Programmes

Yes   ---   No   ✔

For PG   Programmes

Yes   ✔   No   ---

6.9 What efforts are made by the University/Autonomous College for Examination Reforms?

The various examination reforms initiated by the University are as follows:

➢ The entire examination system has been modernized with the help of IT. Kashmir University has initiated a number of measures to enhance transparency and accountability in examinations.

➢ Any student who is not satisfied with the evaluation of his/her answer script can apply for re-evaluation subject to the fulfilment of conditions.

➢ He/she can also apply for rechecking of answer script. Similarly, if a candidate requests a photocopy of his/her answer scripts, the same can be provided to him/her under the RTI Act.

➢ Furthermore, for the PG entrance test, all the students retain a copy of their OMR sheets as well as question booklet.

6.10 E**fforts made by the University to promote autonomy in the affiliated/constituent colleges?**

The University has given autonomy to Islamia College of Science and Commerce. The decision to establish a Cluster University comprising of various college has already been taken which will give more autonomy to the colleges. Other affiliated colleges which are currently in the path of development shall be granted autonomous status in due course of time.

6.11 Activities and support from the Alumni Association.

The University of Kashmir has an Alumni Association which includes 200 life members. Some of the important activities carried out by the association are as under:

❖ The Alumni Association has conducted a series of meetings on different issues pertaining to feedback from stakeholders and prompt follow up action taken to redress their grievances.

❖ The Association provides scholarships and prizes for outstanding performances and also provides scholarships /financial assistance to the poor and orphan students.

❖ As a part of this endeavour, the Association has established a school at Anchar, Soura, Srinagar where education is imparted free of cost to poor students. At present there are 155 students enrolled in the school. The school has also generated employment for some unemployed youth.

❖ The Association is also contributing to the development of the institution by providing feedback on curriculum based on industry / market needs and by holding interactions / counselling with students.

6.12 Activities and support from the Parent – Teacher Association

The University of Kashmir is continuously receiving feedback from parents on the educational process, infrastructure and hostel facilities, etc. that is seriously perused for making improvements. The University endeavours for parents' participation in various bodies like Anti Ragging Committee, Cultural Programmes and various events etc.

6.13 Development programmes for support staff

The University has acquainted the non teaching employees with e-dispatch training for smooth file tracking system in the institution.

6.14 Initiatives taken by the institution to make the campus eco-friendly

The University has been declared a smoking free zone and anti plastic drive initiated by using paper/e-banners for all its programmes. Moreover, the University has initiated the plantation drive with development of Chinar Heritage park at Naseem Bagh. University is also making efforts to make its campus vehicle free by encouraging the bicycling culture on the campus.

Criterion – VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution.

- Integration of Online Payment Gateway with University Online Applications.
- Kashmir University Website upgraded and redesigned.
- Position of Convener Entrance Examinations specially created for Admission.
- Online module developed for Choice Based System for UG/PG courses.
- File Tracking System implemented to track University Files.
- Online Appointment Management System for VCs Secretariat.
- Online DIQA Faculty Evaluation System, University Help Desk.

7.2 Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

PLAN OF ACTION	ACHIEVEMENTS
Revisiting and Reviewing Choice Based Credit System (CBCS). Improvement in Student feedback system.	CBCS introduced in 2014 was successfully reviewed in the 2015 The students online feedback mechanism was reviewed by the team of experts and improved successfully implemented online.
From 2015 onwards Students feedback was made mandatory for the confirmation /promotion of teachers.	Using student feedback collected online through DIQA web portal, clearance of probation and confirmation of teachers was linked to this feedback. A couple of confirmations were put on hold in case of poor feedback
Serial Publications of University of Kashmir Annual Report - Annual Quality Assurance Report as per the guidelines prescribed by the NAAC	Prepared and published Annual Report for the year 2014. The report highlighted the major activities carried out by the University with recommendations and cited examples of good practice. Prepared and published AQAR (Annual Quality Assurance Report), 2014-2015 as per the recommendations of NAAC that reflects, in a nutshell, all inclusive and informative details about the university.
Implementation of the NAAC Recommendation	Follow up action has been taken on the recommendation made by NAAC peer Team during their Visit to the University for reaccreditation, some of which have been already implemented by the University and some were implemented in 2015.
AISHE (All India Survey of Higher Education)	Uploaded successfully DCF I of the University of Kashmir on AISHE portal containing information of 2014. Sensitized all affiliated and constituent colleges for filling up DCF II for All India Survey on Higher Education (AISHE) to have a first hand information about college enrolment, courses etc in the country.

7.3 Give two Best Practices of the institution *(please see the format in the NAAC Self-study Manuals)*

1.   Title of the Practice :

E-Governance/e-governed information management system

2.   Objectives of the Practice

What are the objectives/intended outcomes of this "best practice" and what are the underlying principles or concepts of this practice (in about 100 words)?

The fundamental objective of e-governance is to enhance the efficiency of working in the system and make proposal submission and disposal from all quarters and stake holders comparatively transparent. The specific objectives are given below.

   a.   Timely delivery of services such as examination, result declaration, advertisements, information bound University resources to community/stakeholders in a transparent and efficient way
   b.   Improved interactions with students and other stakeholders in the community through an online grievance and feedback system
   c.   To build an informed society that is relevant and competent to play its role to build a knowledge society
   d)   Cost reduction by implementation of e-governance and shifting to an environmental friendly and paper less mode.

3.   The Context :

What were the contextual features or challenging issues that needed to be addressed in designing and implementing this practice (in about 150 words)?

   <u>Challenges in e-governance</u>

   In view of a number of issues with the traditional system of governance in terms of considerable delays, lack of transparency and accountability the need for transition to a more efficient and transparent e-governed system was felt more than ever before. However, such a transition from traditional to modern system has its own set of challenges. For instance, lack of computer literacy amongst the stakeholders, lack of clarity of processes and products of e governance by the end users , never ending requirements from end users , apprehension about security and secrecy of the documents/information and resistance to change are some of the challenges that were faced while designing and implementing the practice of e governance.

4.   The Practice

   Describe the practice and its uniqueness in the context of Indian higher education. What were the constraints / limitations, if any, faced (in about 400 words)?

Under e-governance the idea is to switch over to an efficient, accountable and environment-friendly paper less scenario wherein all the stake holders in the University can submit proposals, solicit responses, inquire status/ and know decisions with regard to all academic and administrative affairs. For putting this idea into practice, the concept of e-office and e-filing is already in place.E-Office is aimed at increasing the usage of work flow and rule based file routing, quick search and retrieval of files and office orders, digital signatures for authentication, forms and reporting components. The practice of e -governance specifically entails the following :

-) E-Governed e-Office Management System.
-) Proposal, submission and disposal online through e-Note/s and e-Office.
-) Electronic File Tracking System to dispatch and receive /track file progression in the University administration.
-) Online application, fee payment and status.
-) E-Governed Admission System/Recruitment system/examination system.

5. Evidence of Success

Provide evidence of success such as performance against targets and benchmarks, review results. What do these results indicate? Describe in about 200 words.

The e-governance has helped the University in timely declaration of results. The success of e -governance in the University is evidenced by a number of facts some of which are as under:

a) Significant reduction in the average time and declaration of the results through e-award submission by the evaluators and e-alert about results by the examination wing.

b) All the registration records and other related details of the students are instantly available online to the student upon log-in to the system.

c) The process of verification of certificates and results has significantly improved.

d) Online submission of self-appraisal by the University teachers over the years has not only helped to create an online database of the teachers performance such as projects, publications, conferences, teaching hours etc, but also significantly facilitated the preparation of annual reports and quality assurance reports well in time and high in quality.

e) Another important feature of the e-governance has been the file tracking software that allows for quick search, retrieval and disposal of the files.

f) E-governance has helped to improve accountability and transparency in the University.

6. **Problems Encountered and Resources Required:** The main problems encountered in the implementation of e- governance are: creating infrastructure which is cost intensive, relatively poor e literacy, lack of professional manpower, resistance to change from a traditional to the new system and other related issues

The important resources required for putting this practice fully in place include trained professional manpower, enough number of computers and other machines, guaranteed supply of electricity, assured internet connectivity. A salary component to the hired/appointed professionals for training the staff requires a separate budget head.

Title of the Practice: Building an international interface of the University

1.   Objectives of the Practice

What are the objectives / intended outcomes of this "best practice" and what are the underlying principles or concepts of this practice (in about 100 words)?

Objectives

1.   In view of lack of any international recognition, pre-accreditation the University of Kashmir initiated a series of measures to have an international interface.

2.   Through international collaborative discourses, the aim is to facilitate the exchange of students, and faculty with the institutions of international repute.

3.   To attract scientists and research scholars from the institutions of higher learning abroad and benefit from their expertise.

4.   To get funding from international funding agencies to strengthen our academic and research baseline.

5.   To ask global scale questions and pursue them through collaborators worldwide and contribute to high impact multi-authored publications.
6.   Recruitment of faculty with international exposure as scientists /researchers

The Context

What were the contextual features or challenging issues that needed to be addressed in designing and implementing this practice (in about 150 words)?

Being a geographically isolated and a disturbed remote area of the country, forging even national collaborations at times is a challenge. However, because of the commitment of some of the faculty members to ask cross continental questions and rub shoulders with the elite scientists across the world to

pursue them, the University found ways and means to facilitate this discourse. Ranging from availing internships to pursuing post doctorates and working as visiting researchers/professors and getting involved in international collaborative projects, the faculty members have taken a much needed and timely initiative. Furthermore the best success stories from the region or the country incubated in the best institutions/laboratories across the world have been specially facilitated to have an entry as faculty to add to the international flavor of academics and research on the campus.

4. **The Practice**

Describe the practice and its uniqueness in the context of India higher education. What were the constraints / limitations, if any, faced (in about 400 words)?

Developing a vibrant international interface through active collaborations is a distinguishing feature of only some institutions of higher learning in India and the University of Kashmir has the honour of slowly and steadily joining this elite class of institutions. Through these cross continental network projects the researchers involved in the University have been able to engage and pursue global scale questions which otherwise are not possible to pursue in isolation. It is through these collaborative endeavours that a process of faculty and student exchange between the partner institutions has set in which improved the visibility of foreign scholars on the campus. Such scholars in addition to doing their specific research work enshrined in the particular projects also deliver special series of lectures and engage with the students to inspire them.

However, in a remote geographical area like Kashmir there are a number of constraints to entering into such ventures because of relatively less exposure of the students and faculty and lack of resources to cater to the requirements and standards of foreign researchers. The little presence of foreign scholars and students on the campus is also a constraint. Getting the bottom line administration tuned to handle affairs related to international projects and scholars is also a minor challenge. Notwithstanding such challenges the University is cut out to progress in this direction by way of realising all its potential and resources. For instance a separate position of Dean Research with a dedicated office and adequate manpower was established and a scientist of international repute, a fellow of American society of physicists was put in charge of this office.

Evidence of Success

Provide evidence of success such as performance against targets and benchmarks, review results. What do these results indicate? Describe in about 200 words.

Success of this practice is evidenced by the fact that the University in past five years, as against the previous accreditation period, earned some major international collaborative projects including an Indo-Canadian project on biomonitoring of water quality, an Indo-German project on reconstruction of invasion history using population genetics and Indo-US project on proactive models for invasion management under climate change. Under these projects and other discourses with an international interface, University managed exchange of students and faculty with collaborating institutions abroad, and *vice-versa*, fellowships for students, some high impact jointly authored research publications and other related benefits. Overall the international engagement of our research scholars and faculty has yielded some important insights that are indicative of far more productive and exciting academic and research discourses in future. The University plans to create a special centre for international interface that would facilitate foreign collaborations of its faculty and help a great deal in capacity building.

Problems Encountered and Resources Required

Please identify the problems encountered and resources required to implement the practice (in about 150 words).

There are a number of problems to enter in entering into international ventures in view of the geographical location of the valley and less exposure of the students and faculty and lack of resources to cater to the requirements and standards of foreign researchers. The little presence of foreign scholars and students on the campus is also a constraint. Getting the bottom line administration tuned to handle affairs related to international projects and scholars is also a minor challenge. Notwithstanding such challenges the University is cut out to progress in this direction by way of realising all its potential and resources. For instance, a separate position of Dean Research with a dedicated office and adequate manpower was established and a scientist of international repute, a fellow of American society of physicists was put in charge of this office.

7.4 Contribution to environmental awareness /protection.

Does the university conduct a Green Audit of its campus?

Yes, the University initiated the practice of green audit of its campus in the early 2015 with a policy to re-audit after every three years. The audit is conducted by a committee constituted by Honourable Vice Chancellor with an eminent ecologist/environmentalist chairing the committee. The audit focuses mainly on the following aspects:

a)   Perspectives of employees, students and other stake holders about the benefits of 'going green.
b)   Survey of the campus and its buildings/offices for energy efficiency and eco-friendly architecture.
c)   Carbon footprint analysis of the institution.
d)   Waste disposal and recycling.
e)   Awareness of students and employees for different environmental perspectives.
f)   Assessment of the efficiency and functioning of health and hygiene of campus environment.

What are the initiatives taken by the university to make the campus eco-friendly?

Energy conservation

In the direction of energy conservation the University has taken a suite of measures as follows:

1.   Installation of solar powered lights,
2.   Construction of buildings with proper aeration, better ventilation and natural lighting inlets that reduce the consumption of energy to minimum.
3.   The University being in a relatively cool ambiance adheres to minimum use of energy intensive appliances such as air conditioners, coolers etc besides strictly adhering to putting all electronic appliances and gadgets in the power off mode when not in use.
4.   Use of LED bulbs across campus is encouraged throughout the campus and proper display of sign boards depicting energy conservation instructions within and outside labs and offices helps a great deal in this direction.

Use of renewable energy

The University is seriously considering switching over to the use of renewable energy in future. In this direction, a good beginning has been made in terms of installation of solar lights in some buildings in the main and satellite campuses. The University plans to harness other renewable sources of energy such as wind energy at its satellite campuses . Though the University has started the practice of segregation of waste into bio degradable and non bio degradable forms, the plan is to use bio degradable wastes for the production of energy through some small scale indigenous plants

The University also has introduced special courses on energy studies in a multidisciplinary programme in bio resources and has encouraged some of the researchers to undertake research on the innovative use of renewable energy in our context .

Plantation

The University campus comprises the most lush green spot in the urban ambiance of Srinagar city through its dense and diverse plantation. The people from neighbouring places all around the campus enjoy the green landscape for their morning and evening walks. Every year there is a special plantation drive that starts on the World Environment day through the involvement of NSS and Students Welfare Department. In the recent past some of the departments such as Department of Botany guides and encourages its pass outs to own a tree on the campus so as to have a sustained sense of belonging to the campus through their adopted tree. Besides the University has over the years propagated the idea of one student one plant slogan on the campus.

7.5   **Whether environmental audit was conducted?**   YES   ✓   NO   --

7.6   **Any other relevant information the institution wishes to add. (for example SWOT Analysis)**

STRENGTHS

) Offering Admissions to 39 Ph.D Programmes, 37 M.Phil Programme, 50 PG Programmes, 08 UG Programmes, 11 PG Diploma Courses.

) Admissions to all the programmes/course offered by the University are made through a transparent and credible entrance tests.

) Majority of the faculty members are highly qualified and some of them have received prestigious fellowships such as Ramalingaswama and Ramanajum fellowships, CREST fellowship of DBT, DAAD (Germany), US Fulbright Fellowship, CV Raman fellowships awards.

) The Campus is wi-fi enable and has an optical fiber network in place. Most of the Government colleges which are affiliated to university are connected to the University for delivery and use of IT services provided by the University for the benefit of the student community at large.

) Online robust examination conduct and result processing system by way of in house software solutions.

) The University has a green and serene Campus that provides ideal ambience for academics and research besides various elosptan services, such as providing filter pollutants and dust from the air. The dense cover of trees provide shade and lower temperatures in urban areas, and they even reduce erosion of soil into our waterways. These are just a few of the environmental benefits that green spaces provide.

) The Campus is located in Srinagar city surrounded by Himalayan Mountain. Unique location of the Main Campus in the heart of the Srinagar City having multiple road access approaches.

WEAKNESS

) Industry sponsored research which is necessary for producing deliverables suitable for the needs of industry is lacking and hence needs promotion/support.

) Classroom and laboratory infrastructure needs further up-gradation keeping in view higher student demand.

) Central instrumentation facility is not up to the mark and hence needs further augmentation.

) Lack of institutional foreign exchange programme for students is also one of the major grey areas which deprives students and the faculty from having necessary international exposure.

) Shortage of hostel accommodation for students and research scholars. · Limited sanctioned faculty strength as per UGC norms in certain Departments/Centres/Campuses which compromises the quality of teaching and research.

) Very scarce budgetary support for research and other academic activities under non-plan budget. Of the total budget, about 85% comprises salary and pension component and 15% is meant for all other activities including research, conduct of examinations, stationery, printing, travel, maintenance of assets and a host of other activities.

) Of the total allocation under non-plan budget, Rs. 35.20 crores are to be generated by the University through its receipts (fees etc.) and hence leaves limited scope even for the University to strengthen the existing programmes and departments/centres, not to talk of expansion and introduction of new programmes and courses.

) Even many of the Departments/Campuses are without regular non-plan budget and hence are unable to meet their daily and need-based requirements.

) No clear scheme/provision for admitting foreign students.

) Non-availability of central heating system in Administrative block and Examinations block.

OPPORTUNITIES

) The University has an opportunity to grow as the 'University with Potential for Excellence' which would ultimately open the gates for collaborative research, better funding and better opportunity for students and researchers. A good beginning in this direction has been made by way of applying for a Centre with Potential of Excellence.

) To upscale certain areas of research, such as Cell Signalling Biology, Biological Invasions, Geo-informatics for Hydrosphere, Food Processing Technology, Micellar Catalysis and Green Chemistry etc. in which significant research has been carried out so far which provides an opportunity for establishment of specialized Research Centres in these areas.

) Kashmir being part of Himalayan biodiversity hotspot offers opportunity for exploration, documentation, digitization and inventorization of rich biodiversity of the region and in this regard Centre of Bio-diversity and Taxonomy, Departments of Botany, Zoology and Environmental Sciences of this university are playing a

pivotal role. Since the biodiversity serves as a bedrock for biotechnology, the University of Kashmir has the opportunity of emerging as a leading institution in the North western Himalayan region to use biodiversity and biotechnology for University of Kashmir.

⟩ The myriad of landscapes, lakes, rivers and other prized and distinct ecosystems that abound in Kashmir offers University of Kashmir an unique opportunity for studying their structural organization and functional integrity and also to evolve effective, useful and implementable strategies for conservation and management of these ecosystems and habitats for sustainable human progress and development.

⟩ Kashmir being an international tourist destination, a provision to facilitate visits of overseas and Indian scientists working in premier institutions needs to be created so that the visiting scientists are encouraged to participate in short-duration teaching and research assignments at the University of Kashmir.

⟩ Since two streams of Engineering Course have taken off well, and two more wings with mechanical and electrical engineering courses have been made operational from the start of this ensuing year at Zakura Campus. Other professional colleges/institutions and launch of new courses in tune with market needs also could be highly rewarding keeping in view the large number of applicants and limited number of seats available for various courses as on date in the University.

⟩ As UGC Human Resource Development established in the University support so that more number of faculty development programmes/capacity building programmes/brainstorming sessions are organized for the faculty members of this University and colleges affiliated to the University and for teachers of other institutions as well.

⟩ The strides made in the use of ICT technology in the teaching-learning process through the efforts of EMMRC, a huge opportunity exists to reach out to those who are not able the join the University on regular basis through creation of quality e-contents, organization of lectures through A-View, EDUSAT etc. Hence the programmes offered through Distance Mode could be further strengthened and up scaled through use of ICT initiatives.

THREATS

⟩ Some of the experienced and senior faculty members have left or in the process of leaving the University for other Universities particularly the Central Universities of Kashmir, where the minimum retirement age is sixty seven.

⟩ There is no provision/scheme for retaining the meritorious Alumni for serving their alma mater and the society on the whole.

⟩ Establishment of new Universities within the State.

⟩ Lack of Human resources Development policies for qualified non-teaching staff and IT professionals.

8. **Plans of institution for next year (2016-2017)**

) Introduction of Choice Based Credit System at Undergraduate level in all affiliated Govt. Degree Colleges.
) Establishment of Nursing College at South Campus, University of Kashmir.
) Introduction of following reforms in examination and evaluation system.

   - One Student One Form
   - Single Window Admission
   - One Student One Form
   - Live Marks
   - No Registration Return
   - No Examination Form
   - Single Roll No.
   - Single Transcript

Dr. Manzoor Ahmad Shah   Prof. Khurshid I Andrabi

Signature of the Coordinator, IQAC (DIQA)   *Signature of the Chairperson, IQAC (DIQA)*