



THE ANNUAL QUALITY ASSURANCE REPORT

(AQAR)

Of

2010-11

THE INTERNAL QUALITY ASSURANCE CELL

(IQAC)

Submitted to

National Assessment and Accreditation Council

(NAAC)

**GULBARGA UNIVERSITY
JNANAGANGA, GULBARGA – 585 106
KARNATAKA**

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01. ACTIVITIES REFLECTING THE GOALS AND OBJECTIVES OF THE INSTITUTION:

The University has devised its curriculum that covers basic, applied and professional aspects with emphasis on knowledge-skills, societal development and employability. It has institutionalized the innovative steps of teaching – learning – evaluation. Equal importance has been given to research, consultancy and extension. It has developed essential infrastructural facilities and learning resources. It ensures facility and support to students apart from good grievance redressal. It has introduced several innovative practices in all the activities. The activities and achievements of the university in all these spheres are summarized in the following sections.

02. NEW ACADEMIC PROGRAMMES INITIATED (UG AND PG):

The University has initiated following new academic programmes at UG and PG level.

PG Courses:

- 1) M.Sc, M. Phil and Ph. D in Environmental Science offered by the Department of Environmental Science.
- 2) PG Diploma in Microbial Technology and Bioprocess Engineering offered by the Department of Microbiology.
- 3) PG Diploma in Sanskrit offered by the Department of Sanskrit.
- 4) The following new papers are introduced in the syllabus of M.Sc. Biotechnology.
 - i. Genomics & Proteomics
 - ii. Medical Biotechnology & Nano Biotechnology.
 - iii. Industrial & Food Biotechnology.

UG Courses:

- 5) Environmental Science is offered as an optional subject in B.Sc. Course in affiliated Colleges.

03. INNOVATION IN CURRICULAR DESIGN AND TRANSACTION:

The University has continued the efforts for introduction of Choice Based Credit System (CBCS) at PG level. In this direction, the following steps are taken.

- i. Faculty-wise meetings were conducted to prepare the regulations for PG courses under CBCS.
- ii. The Board of Studies of the PG departments have prepared the syllabus for the PG courses under CBCS.

Further, the syllabus of M.Sc Biotechnology is prepared as per guidelines of Department of Bio-technology(DBT), Government of India.

04. INTER DISCIPLINARY PROGRAMMES STARTED:

- i. Research in Materials Science is being conducted on interdisciplinary basis.
- ii. M.Sc., M.Phil & Ph.D is offered as interdisciplinary science courses.
- iii. Department of Management has introduced following short-term programmes:
 - a) Tally – Accounting Based Software Training
 - b) ERP Software Training
- iv. Department of Physical Education has introduced Basic Software Training

05. EXAMINATION REFORMS IMPLEMENTED:

Cluster system for conduct of semester end examination is extended to a few other UG level programmes.

06. CANDIDATES QUALIFIED IN NET/SLET/GATE etc:

STUDENTS' ACHEVEMENT IN UGC – JRF – NET EXAMINATIONS
DURING 2010-11.

Sl. No.	Department	No. of Students Passed	Sl. No.	Department	No. of Students Passed
01.	Economics	05	09.	Social Work	01
02.	Sociology	02	10.	Psychology	01
03.	Commerce	08	11.	Political Science	01
04.	Education	03 (+4 Adult Education.)	12.	Library & inform. sc.	03
05.	Management	07	13.	Law	04
06.	Hindi	05	14.	Public Adm.	02
07.	Kannada	20	15.	Population Study	01
08.	Marathi	01			
Total					68

07. INITIATIVE TOWARDS FACULTY DEVELOPMENT PROGRAMMES:

The University has deputed the faculty members to attend Conferences/Seminars/Workshops/Symposia/Training Programmes at National and International level, by providing travel grants and registration fees. Several faculty members have delivered invited lectures as resource persons in UGC sponsored refresher courses/orientation courses at Academic Staff Colleges of various universities.

The Department of Social Work has conducted an orientation programme for the teachers of B.S.W and M.S.W courses offered in affiliated colleges.

The Department of Applied Electronics has conducted UGC sponsored training programme for College and University students during 29-03-2011 to 31-03-2011.

08. TOTAL NUMBER OF SEMINARS/WORKSHOPS CONDUCTED AND IT'S DETAILS:

SL. NO.	PARTICULARS	SEMINAR/ WORK SHOP/ TRAINING	PERIOD
01.	Recent Trends in Enzymology (Dept. of Biochemistry)	Seminar	Four-days (25-03-2011 & 28-03-2011)
02.	Celebration of international year of Chemistry (Dept. of Chemistry)	Seminar	One day 28-03-2011
03	Atomic force Microscope, Thermal Analysol, FT infrared spectrometer and instrumental kits	Workshop	One day 28-03-2011
04.	Memory of Sir Syed Ahmedkhan, Alam Iqbal and Moulana Azad (Dept. of Urdu)	Seminar	One day 22-11-2010
05.	Trading Platforms of NSE & BSE (Online Trading in Equities, Derivatives and Commodities)	Special Programme	One day 22-11-2010
06	National Integration through Bharatiya Nyaya Darshana	Seminar	Two days (25-07-2010 to 26-07-2010)
07.	12 th Karnataka state level Political Science Teachers Conference (Dept. of Political Sc.)	Conference	Two days (05-02-2011 to 06-02-2011)
08.	Debate competition and awareness programme an health & family welfare (Dept. of Psychology)	Working	One day 25-10-2010
09.	Emergence of Excellence in indigenous games at grass root level (Dept. of Physical Education)	Seminar	2010-11
10.	Leadership and Recreation camp for B.P.Ed students (Dept. of Physical Education)	Workshop	2010-11

09. RESEARCH PROJECTS:

Sl. No.	Title of the Project	Department	Funding Agency	Date of Implementation & Period	Total of Amount Allocated
I. FACULTY OF SCIENCE AND TECHNOLOGY					
01.	Production, purification and characterization of alkaline and thermostable xylanase from alkaliphilic <i>Bacillus</i> sp.	Biotechnology	UGC	3 Years 01.02.2009 to 31.01.2012	9,76,800/-
02.	Microbial production of plant growth substances and their potential applications.	Biotechnology	UGC	3 Years 01.02.2009 to 31.01.2012	9,60,300/-
03.	Phytochemical screening and evaluation of antioxidant and antitumor properties of "Pandanus odoratissimus".	Biotechnology	UGC	3 Years 01.05.2009 to 30.04.2012	9,47,800/-
04.	An Alternative and Comparative therapy for Methicillin Resistant <i>Staphylococcus aureus</i> (MRSA) Infection in Diabetic Mice	Biotechnology	UGC	3 Years 01.05.2009 to 30.04.2012	5,56,800/-
05.	Isolation production and molecular characterization of biocatalyst from halophiles	Biotechnology	UGC	3 Years 01.02.2009 to 31.01.2012	7,01,800/-
06.	Authentication and scientific validation of traditional plant drugs used in the treatment of skin diseases at Hyderabad Karnataka region.	Botany	UGC	3 Years 01.02.2009 to 31.01.2012	9,29,300/-
07.	Design, Synthesis and Evaluation of Pyrimidine Analogs as potent Antifungal Agents	Chemistry	UGC	3 Years 01.02.2009 to 31.01.2012	6,41,800/-
08.	Social Philosophy of Buddha, Basava & Ambedkar its impact on Depressed Class Society of Hyderabad Karnataka Area.	Chemistry	UGC	3 Years 01.02.2009 to 31.01.2012	5,45,800/-
09.	Synthesis, Characterization, Electrical, Dielectrical and biological studies of metal complexes.	Chemistry	UGC	3 Years 01.02.2009 to 31.01.2012	7,12,300/-
10.	A study on Handwritten Bi-Lingual Optical Character Recognition system.	Computer Science	UGC	3 Years 01.04.2008 to 31.03.2011	7,76,800/-
11.	Biosynthesis of some Noble Metal and Metal Chalcogenide nanoparticles.	Material Science	UGC	3 Years 01.04.2008 to 31.03.2011	5,63,300/-

12.	Study on Fatigui characteristics of La-doped Bismuth Titanate thin films for nonvolatile memories.	Material Science	UGC	3 Years 01.02.2009 to 31.01.2012	9,73,800/-
Sl. No.	Title of the Project	Department	Funding Agency	Date of Implementation & Period	Total of Amount Allocated
13.	A study of Convective Instabilities in fluid and Porous Medium	Mathematics	UGC	3 Years 01.02.2009 to 31.01.2012	6,37,800/-
14.	Free and Forced convection in vertical wavy channels with traveling thermal waves	Mathematics	UGC	3 Years 01.02.2009 to 31.01.2012	6,40,800/-
15.	Some problems on convective Instability	Mathematics	UGC	3 Years 01.02.2009 to 31.01.2012	6,55,800/-
16.	Mathematical modeling of dusty fluid flow with industrial and medical application	Mathematics	UGC	3 Years 01.02.2009 to 31.01.2012	7,81,800/-
17.	Development of the bioprocess for the production of lovastain from the regional agro based wastes.	Microbiology	UGC	3 Years 01.04.2008 to 31.03.2011	9,26,800/-
18.	Green synthesis of highly stabilized nano silver particles by Rhizopus and its application against Gram negative E. Coli MDR strains	Microbiology	UGC	3 Years 01.02.2009 to 31.01.2012	7,74,800/-
19.	Production of stable tyroinase from the novel isolates of streptomyces	Microbiology	UGC	3 Years 01.02.2009 to 31.01.2012	9,62,800/-
20.	Mineralogy and Beneficiation of Banded Hematite Quartzite of Sandur Schist belt, Karnataka Craton	Mineral Processing	UGC	3 Years 01.05.2009 to 30.04.2012	4,05,000/-
21.	Study of low energy photon interaction with matter-near absorption edge	Mineral Processing	UGC	3 Years 01.02.2009 to 31.01.2012	10,03,800/-
22.	Energy Loss of Light Ions in Polymer Films	Mineral Processing	UGC	3 Years 01.02.2009 to 31.01.2012	9,11,800/-
23.	Design and Development of Compact and Broadband Microstrip Antennas	USIC	UGC	3 Years 01.02.2009 to 31.01.2012	9,40,800/-
24.	Design and Development of Microcontroller based Photoacoustic Spectrometer for Phase Transition Studies	Instru. Tech. P.G.C. Raichur	UGC	3 Years 01.02.2009 to 31.01.2012	6,29,800/-

25.	Role and Status of Women in Inland Fisheries of Hyderabad Karnataka Region	Zoology	UGC	3 Years 01.02.2009 to 31.03.2012	6,63,800/-
Sl. No.	Title of the Project	Department	Funding Agency	Date of Implementation & Period	Total of Amount Allocated
26.	Development of Humidity and gas sensors using conducting polymer Nan composites	Material Science	DST	3 Years 06.10.2007 to 05.10.2010	19,22,057/-
27.	Complete Mineralization of Dimethylformamide (DMF) by ochrobactrum sp. Cloning and expression of the gene/genes responsible for DMF degradation	Biochemistry	DBT	3 Years 25.09.2008 to 24.09.2011	25,54,000/-
28.	Drive for the Development of Rural Weaker Section and SC/ST Population Through Vermicomposting and Mushroom Cultivation	Microbiology	DBT	3 Years 25.09.2008 to 04.02.2011	14,89,000/-
29.	Irradiation studies of some important bio functionalized nano loss in polymers	Microbiology	BRNS	3 Years 2009 to 2012	20,53,150/-
30.	Development of electron spectrometer and study of energy loss in polymers	Physics	BRNS	3 Years 14.05.2010 to 13.05.2013	16,96,960/-
31.	Synthesis, Characterization and radiation response of Nano Ferroelectrics, Nano Ferrites	Physics	BRNS	3 Years 2009 to 2012	20,65,650/-

II. FACULTY OF ARTS

32.	Study and Documentation of Glass Paintings	Visual Arts	UGC	2 Years 01.02.2009 to 31.01.2012	7,71,200/-
33.	A Cultural Study Place Names (Gramana Nama) of Gulbarga District, Karnataka State	Kannada	UGC	2 Years 01.04.2008 to 31.03.2011	4,18,800/-
34.	North Karnataka and Dalit Movement: A Complete Study	Kannada	UGC	2 Years 01.02.2009 to 31.01.2012	5,95,200/-
35.	Kannada Language Development Project Under Classical Language Scheme.	Kannada	UGC	2010-12	1,00,00,000

36.	Caste and class Conflict (Sociology Study of Hindi, Kannada Dalit and Non-Dalit Fiction)	Hindi	UGC	2 Years 01.04.2008 to 31.03.2011	5,11,800/-
Sl. No.	Title of the Project	Department	Funding Agency	Date of Implementatin & Period	Total of Amount Allocated
III. FUCULTY OF SOCIAL SCIENCE					
37.	Globalization and Emerging Trends of Corporate Social Responsibility	Sociology	ICSSR	2 Years 27.03.2009 to 26.03.2011	3,18,200/-
38.	Development of e-content on Traditional Knowledge and Folk wisdom of Hyderabad Karnataka Region	Lib. & Inform. Science	UGC	2 Years 01.02.2009 to 31.01.2012	5,21,200/-
39.	Political process of backward castes (BCs) in Panchayat Raj Institutions: Pros and Cons: A study in Andhra Pradesh	Political Science	UGC	2 Years 01.02.2009 to 31.01.2012	4,71,200/-
40.	The Movement for Human Rights: A Comparative Study of Dr. B. R. Ambedkar and Basaveshwar	Political Science	UGC	2 Years 01.02.2009 to 31.01.2012	2,62,500/-
41.	Dynamics of Political Process and Emergence of Leadership in Karnataka 1956-2006	Political Science	UGC	2 Years 01.02.2009 to 31.01.2012	2,95,000/-
42.	Impact of Schedule Castes Organization on Socio Economics and Education Empowerment of Schedules Castes: A Study in Karnataka	Political Science	UGC	2 Years 01.02.2009 to 31.03.2011	5,68,700/-
IV. FACULTY OF COMMERCE					
43.	Equity Investing Strategies in Indian Context: A Performance Analysis	Commerce	UGC	2 Years 01.05.2009 to 30.04.2011	4,29,200/-
V. FACULTY OF EDUCATION					
44.	Development of Rural Folk Games	Physical Education	UGC	2 Years 01.02.2009 to 31.01.2012	6,79,200/-

45.	Development of Rural Cultural Games	Physical Education	UGC	2 Years 01.02.2009 to 31.01.2012	4,83,700/-
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10. PATENTS GENERATED:

During the year, the research work undertaken by the faculty of departments has not materialized into generation of patents. However, the faculty members have been able to contribute much to the frontiers of knowledge by way of their research publications.

11. NEW COLLABORATIVE RESEARCH PROGRAMMES:

The following PG departments of the University have entered into Collaborative Research Programmes with other Universities/Institutes as show below:

Sl. No.	DEPARTMENT	TITLE	WITH WHOM	REMARK
01.	Bio-Technology	Biofuel	Nandan Matrix, Hyderabad and Indian Bio diesel Society Bangalore	--
02.	Material Science	High Energy Materials Ferrites	Premier Explosives Hyderabad; Subhash Jain Groups of Industries	--
03.	History	Development and Pretension of Historical Places in Gulbarga District	Buddist Study Centre of Sannati	--
04.	Economics	Evaluation Studies	Collaboration with NGOs – Ratan Tata Trust, Azim Premji Foundation, Akshara Prerana and My RADA	--
05.	Computer Science	Image Processing and Pattern Recognition	University of Mysore Karnataka University, Dharwad, Kuvempu University, Shimoga	--
06.	Environmental Science	Decision Support System for Flood Risk Assessment and Flood	Department of Applied Geology, Kuvempu	--

		Water Spreading using Remote Sensing and GIS – A Study of North Karnataka	University, Shimoga	
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12. DETAILS OF GRANTS RECEIVED FROM VARIOUS FUNDING AGENCIES DURING 2010-2011.

i) Research Projects (Sanctioned in 2010-11):

Sl. No.	Title of the Project	Department	Funding Agency	Date of Implementation & Period	Total of Amount Allocated	Amount Released
I. University Grants Commission (UGC), New Delhi						
01.	Computer aided geometric design for 3D face recognition systems	Computer Science	UGC	01.02.2011 To 31.02.2014	9,40,300/-	7,18,800/-
02.	Electronic and magnetic properties of magnetic multilayers	Physics	UGC	01.02.2011 To 31.02.2014	10,09,800/ -	7,45,800/-
03.	Study on Bioproductivity of Biofuel species in semiarid stress condition of North Karnataka	Biotechnology	UGC	01.02.2011 To 31.01.2014	10,46,800/ -	7,02,800/-
04.	Detection of Community Aquired MRSA in the Generalm Population of Gulbarga District Using Molecular Markets	Microbiology	UGC	01.02.2011 To 31.01.2014	8,54,800/-	6,00,800/-
05.	Design and Development of Matlab-GUI based fuzzy logic controllers for process parameters	Instrumentation Technology PG Centre Raichur	UGC	01.02.2011 To 31.01.2014	6,89,800/-	5,25,800/-
06.	Demands of Globalization and Reforms in Direct and Indirect Taxes – A Study in Indian Context	Commerce	UGC	01.02.2011 To 31.01.2013	6,55,200/-	4,34,200/-
07.	Financing of Self help Groups in Karnataka: A Study with reference to Gulbarga District	Commerce	UGC	01.02.2011 To 31.01.2013	6,46,000/-	4,16,000/-
08.	Institutional Support for Entrepreneurial Development in Post Liberalization Period: A Study with Special Reference to Gulbarga Division	Commerce	UGC	01.02.2011 To 31.01.2013	4,81,200/-	3,00,200/-

09.	Monuments of Sharanabasaveshwar: Complete Research Study	Kannada	UGC	01.02.2011 To 31.01.2013	6,02,200/-	3,76,200/-
10.	Motivation and Performance	Physical Education	UGC	01.02.2011 To 31.01.2013	5,63,700/-	3,90,200/-
Sl. No.	Title of the Project	Department	Funding Agency	Date of Implementation & Period	Total of Amount Allocated	Amount Released
11.	Study & Documentation of Glass Pointing	Visual Arts	UGC	01.02.2009 To 31.01.2012	7,71,200/-	7,71,200/-
II. Department of Science and Technology (DST), NEW Delhi						
12.	Design and Fabrication of a Conducting Polymer Ceramic Nano composites Gas Sensor	Material Science	DST	16.11.2010 To 15.11.2012	18,70,176/-	14,42,496/-
13.	Generalized Order Statistics	Statistics	DST	21.02.2011 To 20.02.2013	80,01,600/-	2,50,000/-
III. Department of Biotechnology (DBT), New Delhi						
14.	Dietary Nucleotides from sugarcane for Therapeutic applications	Biotechnology	DBT	21.03.2011 1 ½ Years	59,76,000/-	4,68,600/-
IV. Department of Atomic Energy(DAE), Board of Research in Nuclear Science(BRNS)						
15.	Development of Electron Spectrometer and Study of Energy Loss in Polymers	Physics	DAE	14.05.2010 To 13.05.2013	16,96,960/-	8,35,335/-
V. Karnataka State Bio Fuel Development Board						
16.	Biofuel & Information and Demonstration Center	Biotechnology	KSBFDB	23.03.2011 To 22.03.2013	--	3,00,000/-
IV. Kannada & Culture Government of Karnataka						
17.	Kannada Language Development Under Classical Language Scheme.	Kannada	GOK	2010-12	1,00,00,000	1,00,00,000

**ii) RESEARCH GRANTS RECEIVED FROM VARIOUS AGENCIES
(Rs. in Lakhs):**

Sl. No.	DEPARTMENT	UGC	DST	DBT	DAE	State Govt.
01.	Material Science	—	18.70	—	—	—
02.	Computer Science	09.40	—	—	—	—
03.	Physics	10.09	—	—	16.97	—
04.	Bio-Technology	10.46	—	05.97	—	03.00
05.	Microbiology	08.54	—	—	—	—
06.	Instrumental Technology	06.89	—	—	—	—
07.	Commerce	17.82	—	—	—	—
08.	Kannada	06.02	—	—	—	100.00
09.	Physical Education	05.63	—	—	—	—
10.	Statistics	—	08.01	—	—	—

iii) UGC XI-PLAN AND OTHER GRANTS (IN Rs.):

Sl. No.	Purpose and Other Detail	Amount Approved	Amount Being Released	Amount Being Released	Total Grant Sanctioned
		(Rs.)	(Rs.)	(Rs.)	(Rs.)
01	General Development Assistance during XI-Plan period	7,76,25,000/-	3,88,12,000/-	2,32,88,000/-	6,21,00,000/-
02	Merged Schemes	5,56,50,000/-	58,45,000/-	2,19,80,000/-	2,78,25,000/-
03	International Year of Chemistry-2011	1,00,000/-	Nil	1,00,000/-	1,00,000/-
04	Additional Grant	1,00,00,000/-	Nil	90,00,000/-	90,00,000/-

iv) UGC INFRASTRUCTURE GRANTS (IN Rs.):

Sl. No.	Purpose and Other Detail	Amount Approved	Amount Being Released	Amount Being Released	Total Grant Sanctioned
		(Rs.)	(Rs.)	(Rs.)	(Rs.)
01	Infrastructure Grant	40,00,000/-	20,00,000/-	20,00,000/-	40,00,000/-

13. DETAILS OF RESEARCH SCHOLARS.

The number of students enrolled for Ph. D programme during 2010-11 in various PG departments is shown below:

Sl. No.	DEPARTMENT	No. of Ph. D STUDENTS	Sl. No.	DEPARTMENT	No. of Ph. D STUDENTS
01.	Bio-chemistry	03	15.	Management	11
02.	Bio-Technology	14	16.	Economics	20
03.	Botany	08	17.	History	31
04.	Chemistry	07	18.	Political Science	18
05.	Microbiology	12	19.	Social Work	07
06.	Material Science	10	20.	Education	12
07.	Environmental Science	16	21.	Sociology	42
08.	Zoology	23	22.	English	12
09.	Psychology	05	23.	Sanskrit	03
10.	Physics	35	24.	Hindi	12
11.	Computer Science	05	25.	Marathi	01
12.	Mathematics	56	26.	Urdu	13
13.	Statistics	03	27.	Kannada	111
14.	Commerce	10	28.	Library & Information Science	04
Total					504

14. CITATION INDEX OF FACULTY MEMBERS AND IMPACT FACTOR.

The members of the faculty have published their research work in prominent refereed journals of national and international repute. The range of citation index for these papers is 0.1 to 9.0 during the year and the impact factor is between 0.025 to 13.6.

Besides publishing the papers, a few members of the faculty have contributed to the academics by being in advisory boards of national and international journals. The faculty members were also invited to review the research papers for reputed journals.

15. HONOURS/AWARDS TO THE FACULTY (NATIONAL AND INTERNATIONAL):

Sl. No.	Faculty Name	Awards/Honours	Who Instituted
01.	Dr. T. B. Karegoudar	Award for Best Research Publication	Vision Group of Science & Technology, Government of Karnataka.
02.	Dr. R. B. Agadi	Kannada Rajyothsava Award	Government of Karnataka.
03.	Dr. Chaya Deogaonkar	Sadodit Award for Women	SHASHWATHI Foundation, Bangalore.
04.	Dr. A. H. Rajasab	Visiting Professor	University of Tabuk, Saudi Arabia.

16. INTERNAL RESOURCES GENERATED.

The University generates resources internally by way self supporting fees and general fees, consultancy by faculty members, rentals, services to colleges and other miscellaneous sources. During 2010-11 the resources internally generated amounts to Rs. 22.21 crore.

17. DETAILS OF DEPARTMENTS GETTING ASSISTANCE/RECOGNITION UNDER SAP, COSIST (ASIST)/DST, FIST AND OTHER PROGRAMMES.

Apart from Major Research Project grants sanctioned by UGC, the following departments have got research grants under UGC-SAP, which is as under:

Sl. No.	Department	Thrust Area	Period	Amount (Rs. in Lakhs)		Total (Rs. in Lakhs)
				Recurring	Non-recurring	
01.	Mathematics	Fluid Mathematics	2007-2012	14.00	6.00	20.00
02.	Physics	Materials Science and Radiation Physics	2009-2014	25.50	45.00	70.50
03.	Chemistry	Nano-chemistry Natural Products	2009-2014	28.50	31.00	59.50
04.	Biochemistry	Bio-remediation using microorganisms Enzyme technology using bacterial luyyma and insect biochemistry	2009-2014	23.75 +2PF	22.00	45.75 +2PF
05.	Physical Education	Indigenous Games Orientation Programmes for the sports excellence	2009-2014	20.00	25.00	45.00

18. COMMUNITY SERVICES.

The faculties and the students of the University have been rendering the service to society by undertaking a variety of community services which are shown department/section wise here under:

Sl. No.	Department/Section	Community Service
01.	Material Science	Delivered talks at District Science Centre (DSC) and Conduct of programmes in the Welfare of the society.
02.	Environmental Science	Delivered popular science lectures on the topic one plant and one future at DSC on the occasion of World Environmental Day, Delivered lectures on global warming and contemporary environment issues in social work camps.
03.	Sanskrit	Delivered lectures at various religious/public places and Industrial institutions propagating ethical and scriptural values.
04.	Management	Students participated as volunteers in the Kalburgi Kampu programme at Gulbarga.
05.	Social Work	It has in built programme for social work camps, which have created awareness in the community.
06.	Psychology	Faculty members visited Madan Hipparga village of Aland and eradicated the fear and blind beliefs of villagers about the banamathi by conducting counseling.
07.	Economics	Delivered extension lectures and participated in social activities with NGO's.
08.	Physical Education	Students participated volunteers in Kalburgi Kampu Programme and Kalburgi Ustav.
09.	Prasaranga of University	Conducted extension lecture service at remote

		villages for social awareness on various topics.
10.	N.S.S Unit, GUG	Conducted campus greenery camps and other community services.
11.	Botany	The faculty members have delivered many invited lectures at conference, science centre, colleges, etc.

19. TEACHERS AND OFFICERS NEWLY RECRUITED:

During 2010-11, the recruitment has been done for the following posts of Teachers and Officers.

Sl. No.	Staff	Designation & Department
01.	Teachers	Associate Professor in the Department of Kannada
02.	Officers	Nil

20. TEACHING AND NON-TEACHING EMPLOYEES RATIO.

The Ratio is 1: 4.48

21. IMPROVED FACILITIES IN THE LIBRARY SERVICES.

The efforts undertaken to improve the facilities and services of the Library are continued during the year 2010-11.

- **Computerized Issue and Return of books**

With the automation, users have been provided with bar coded ID's and the issue of books or return of books is facilitated to the users (students,

research scholars and faculty) as the entire collections of the library holdings is bar coded. This helps to save the time of users in circulation transactions and also indicate the availability of the books on racks or the books issued to users.

- **Online Public Access to Library Holdings**

The status of availability of Books, Journals and Thesis/Dissertations can be searched under the network using Libsys client.

- **Competitive Examinations and Career Development Information Resource Center (CECD IRC)**

Documents required for preparing the candidates to various recruitments, common entrance examinations and competitive examinations including IAS/KAS/ UGC NET etc. have been collected and updated regularly for reference by students and staff. Rich resources provide information on career planning, personality development and skills development.

- **Hyderabad Karnataka Development Information Resource Center (HKD IRC)**

Specialized data bases on the HK region provide useful statistical information for the users is available @ <http://www.guglibrary.net/facilities.htm> Efforts are on to develop print, online, digital and live recordings pertaining to economical, political, cultural, social, customs, educational, folk wisdom, folk medicine and this Centre supports by providing information for conducting research and development activities.

- **Institutional Repository and Digitization**

Question papers of Master Degree and also UGC NET Exams in addition to the rare manuscripts and research publications of the faculty are digitized and these are available @ <http://172.27.102.37:8080/xmlui>

- **Remote Access Facility**

The university has been provided with BSNL connectivity under UGC INFONET program for accessing more than 8000 e-Journals and databases with 10 mbps leased line connectivity supported by INFLIBNET Centre, Ahmedabad. For the convenience of our users particularly teaching faculty, access to these e-resources from their home or after working hours or from any remote location is facilitated. This Remote Access Facility using eZProxy has been extended wherein each user is given login name and password to access library resources remotely by clicking on remote access available @ www.guglibrary.net

22. NEW BOOKS/ JOURNALS SUBSCRIBED AND THEIR VALUE:

Books and Journals procured during 2010-11 by the University Central Library on main campus and P.G Centre Libraries:

Sl. No.	Particulars	No. of books/ Journals	Amount (Rs. In Lakhs)
1.	Books procured during 2010-11 under Plan, Non-Plan and UGC heads of expenditure	3382 books	03,00,474.00 (Plan) – 2038 02,00,000.00 (Plan) ss-2518 10,57,553.00 (UGC) - 3017 <hr/> 15, 58, 027.00
2.	Journals/ Serials subscribed during 2010-11 under non-plan head of expenditure	620+ 5000- e-journals Under UGC INFONET	18, 46, 691.00
Total			34, 04, 718.00

23. COURSES IN WHICH STUDENT ASSESSMENT OF TEACHERS IS INTRODUCED AND THE ACTION TAKEN ON STUDENT FEED BACK:

Teachers' assessment (evaluation) by students has been undertaken by the PG departments and wherever necessary, corrective measures have been initiated.

24. FEED BACK FROM STAKEHOLDERS:

It is the endeavour of the university to get feedback from all the stake-holders on regular basis (periodically). During 2010-11 the feedback from broad spectrum of stakeholders was taken and accordingly the university has initiated action during 2010-11.

25. UNIT COST OF EDUCATION:

Unit cost of education in the university for the year 2010-11 works out to be Rs.1,54,049/- per PG students.

26. COMPUTERIZATION OF ADMINISTRATION AND THE PROCESS OF ADMISSION AND EXAMINATION RESULTS, ISSUE OF CERTIFICATE:

The following University activities are computerized:

- (1) P.G admission through counseling process.
- (2) Issue of eligibility certificates
- (3) Examination result processing
- (4) Work in the finance section

27. INCREASE IN THE INFRASTRUCTURAL FACILITIES OF THE UNIVERSITY:

During the year 2010-11, the following constructions works have been completed and added to infrastructure facility of the university:

Sl. No.	Infrastructure Created	Date of Completion
01.	First floor over existing building at PG Centre Campus, Bidar.	11-04-2010
02.	Bio-technology department in first floor over existing Building of Bio-chemistry at university campus, Gulbarga.	28-06-2010
03.	Training Centre MBA and Computer Lab first floor of examination building at university campus Gulbarga.	28-06-2010
04.	Boys hostel at PG Centre campus, Bidar.	01-07-2010
05.	Women's hostel at PG Centre campus, Bidar.	01-07-2010
06.	Multimedia Production Centre at University campus, Gulbarga.	12-04-2010

28. TECHNOLOGY UPGRADATION:

The efforts of technology upgradation in the form of campus wide networking is continued during 2010-11.

The campus – wide computer networking (LAN) with OFC backbone covering all the academic blocks, library and administrative block has been done. The internet connectivity with 2 mbps band width through BSNL is provided.

29. COMPUTER AND INTERNET ACCESS AND TRAINING TO TEACHERS, NON-TEACHING STAFF AND STUDENTS:

At the beginning of every academic year, orientation programs are conducted to all the incumbents of Master Degree courses so as to familiarize them with the existing facilities and services and particularly sensitizing them about the use of computers and Internet facility for academic purpose.

During 2010-11, many training programs for the students, faculty, research scholars and librarians were organized. In all over 1520 persons were trained in various programs (Detailed list is placed at Annexure I)

The Digital Language Laboratory conducted Training Programmes for all the P.G. students admitted during 2010-11 for using the Language Softwares and Communication Skills. The University Computer Centre extends its facilities to some of the P.G. departments to conduct practicals for P.G. students on a regular basis.

Annexure I
Training Programs/ Workshops Organized during 2010- 2011

Date	Program	Content	Participating Group	No. of Participants
May 10–14, 2010	Management of Library Resources and Services for Pre University College.	Innovative Library Services, ICT Skills, Library Software.	PU College Librarians in Karnataka.	53
May 17–21, 2010	Management of Library Resources and Services for Pre University College.	Innovative Library Services, ICT Skills, Library Software.	PU College Librarians in Karnataka.	67
May 24- 28, 2010	Management of Library Resources and Services for Pre University College.	Innovative Library Services, ICT Skills, Library Software.	PU College Librarians in Karnataka.	78
October 2010	Orientation for P.G. Students.	ICT & E Resources	Postgraduate students, Gulbarga University, Gulbarga.	1322
Total				1520

30. FINANCIAL AID TO STUDENTS:

- i. University scholarship of Rs 2200/- per month and contingency amount of Rs.2500/- per annum is given to each of the SC/ST and Cat-I students admitted to Ph.D course and M.Phil courses.
- ii. University research fellowship to one student from each department is provided on merit basis for M.Phil and Ph. D courses.
- iii. In addition, financial aid is extended in the form of endowment scholarships, freeships, SC/ST amelioration, SC/ST Bookbank, SC/ST study tour, National merit scholarship, SC/ST cash price and Rajiv Gandhi Fellowship for SC/ST students.

31. ACTIVITIES AND SUPPORT FROM THE ALUMNI ASSOCIATION:

During the year the department-wise alumni-associations held different functions and supported the activities of the departments.

At P.G. Centre, Sandur, the alumni association of the Department of Commerce in collaboration with the department organized two-day national level seminar on the contemporary issues in business and commerce.

32. ACTIVITIES AND SUPPORT FROM THE PARENT – TEACHERS ASSOCIATION:

The departments continued to get inputs from the parents of the students admitted to various courses. The feedback was used at different decision making levels of the university.

33. HEALTH CENTRE:

The University has a full-fledged Health Centre with essential diagnostic facilities and the requisite staff and dispensary. In case of serious ailments, the patients are referred to several designated/approved hospitals in and outside Gulbarga. The admissible charge for sophisticated treatments and operations are reimbursed by the university.

The Health Centre provides free medical examination to all students and staff. It also contributes to the community service activities of the university by providing free medical diagnosis and treatment to the needy and poor villagers in the neighborhood. The annual budget and expenditure of the Health Centre is Rs. 7,71,160 for 2010-11.

34. PERFORMANCE IN SPORTS ACTIVITIES:

Gulbarga University various teams' participated in All India/South-West/South Zone Inter-University Tournaments during the academic year 2009-10.

01. Chess	Secured 49 points
02. Kho-Kho (Men)	Reached second round
03. Basket Ball (Men)	Reached second round
04. Volley Ball (Women)	Participated
05. Kabaddi (Men)	Participated
06. Kabaddi (Women)	Reached second round
07. Kho-Kho (Women)	Reached third round
08. Wrestling (Men)	Reached second round
09. Volleyball (Men)	Reached third round
10. Athletics (Men)	Participated
11. Tennis (Men)	Reached second round

12. Badminton (Men & Women)	Reached second round
13. Table-Tennis (Men)	Reached second round
14. Ball-Badminton (Men)	Reached second round

35. INCENTIVES TO OUTSTANDING SPORTSPERSONS:

1. The college securing the highest points in the Inter-College Tournaments is awarded Rs. 10,000/- and that securing the second highest points is awarded a cash prize of Rs. 5,000/- every year.
2. Those who secure any place in the First Four Positions in Inter-University Tournaments will be awarded cash prize of Rs. 10,000/-.

36. STUDENT ACHIEVEMENTS AND AWARDS:

The University students have won one silver medal in music events in the South Zone Inter-University Cultural Youth Festival held at Sastra University, Tirumalai Samudram, Tanjavor, Pin – 643401, during 21 – 25 August 2010.

The University students won the Theatre Events competition in Gulbarga University Inter – Collegiate Youth Festival 2010-11.

I. Students Passed in UGC JRF – Net Exam 2010-11.

Sl. No.	Subject	JRF	NET
01.	Economics	01	04
02.	Commerce	02	06
03.	Education	01	02
04.	Hindi	02	02
05.	Kannada	02	13
06.	Adult Education	02	02
07.	Law	01	03
08.	Library & Information Science	01	--
09.	Sociology	--	02
10.	Management	--	07
11.	Political Science	--	01
12.	Psychology	--	01
13.	Social Work	--	01
14.	Public Administration	--	02
15.	Population Studies	--	01
16.	Marathi	--	01
Total		12	48

II. Students' achievements in South Zone Inter University Cultural Youth Festival August – 2010.

Sl. No.	Name	Event	Prize
01.	Miss Suma B. Bandi	Classical	Silver Medal

Vocal Solo

02. PG Students Team Theatre Winner

37. ACTIVITIES GUIDANCE AND COUNSELING UNIT:

The University offers students counseling services through student Counseling Centre and Student Welfare Office. The faculty of the respective departments also counsel the students on one-to-one basis. University Civil Service and Competitive Examination Coaching Centre conducts study programmes for enabling the students for competitive examinations. Counseling of the women students is done by the Gender Sensitization Cell and Women's Studies Department.

38. PLACEMENT SERVICE PROVIDED TO STUDENTS:

The University offers placement services through Students' Placement Cell which caters to the placement needs of the students. Organizations/industries hold campus interviews for students of the departments of M.B.A, M.C.A, Bio-technology, Bio-chemistry, Social work etc. The students are able to get placed in such organizations/industries.

Azim Premji Foundation regularly holds campus interviews for Social Work and Women's Studies students. There is an Employment Bureau of the Government of Karnataka on the main campus of the University, which also helps to provide information about employment opportunities and the placement of the students. Some of the educational and research institutions also contact the concerned departments for searching suitable candidates.

39. DEVELOPMENT PROGRAMMES FOR NON – TEACHING STAFF:

The University has conducted following short-term programmes for upgradation of the skills and training of the non-teaching staff based on performance appraisal reports.

- i) Computer Centre has arranged training programmes on software packages like DBMS, M S office and internet usage.
- ii) University has conducted special classes to train non-teaching staff for departmental examinations in order to improve their knowledge about Karnataka State Finance Code, Civil Service Rules, Cadre and Recruitment Rules K S U Act 2000, etc.
- iii) Training Programmes on RTI Act conducted.

40. GOOD PRACTICES OF THE INSTITUTION:

The following are the good practices of the institution:

- Regular updating of curriculum.
- Thrust to ICT in teaching-learning-evaluation process.
- Project work and implant training to students.
- Students are permitted to obtain photo copies of their answer scripts and appeal for revaluation.
- All the SC/ST & category-I students are provided monthly studentship and contingency grant for pursuing Ph.D and M.Phil Degrees.
- The M.Phil and Ph.D candidates with highest merit in each department are also provided with research scholarships.
- Scope for students' grievance redressal.
- Scope for sports and cultural activities.
- Active SC/ST cell and good welfare activities.
- Annual convention of SC/ST, Backward and Minority students of the University and affiliated colleges.
- Orientation Programme for freshers to introduce them to university environment.
- Collaboration with NGOs by students of Womens' studies and Social work.

- Alumni are invited for lectures and for interaction with the students.
- Programmes like Feel Employable are organized for SC/ST and other students as learning and skill development intervention.
- Prasara unit of Gulbarga University, Gulbarga, publishes books written by faculty and provides annual awards for best books in different languages.
- Extension Programmes like science exhibition, endowment lectures, village adoption, field camps, are periodical and annual features of university activities. Prasara, NSS, NCC and faculty members are directly involved in organizing such programmes.
- The University has collaboration with well-known Institutions/Universities at university level, department level and faculty level.
- Provision of VLRC of University Library and DLL of Computer Centre to staff and students for their effective career planning and development.
- Democratic function of the university system and decentralisation of the leadership through committee system.
- Introduction of need based and mark sheet driven courses.
- The following study centers of the university established through Public/Gat and donors' contributions are engaged in designing the principles of mass education and social justice through extension lectures, publications and promoting materials:
 - i) Basavadi Sharanna Sahitya Centre
 - ii) Ambigara Chowdaiah Chair
 - iii) Hadapada Appanna Chair
 - iv) Dr. B. R. Ambedkar Study Centre
 - v) Dasa Sahitya Peetha
- The University Health Centre offers free medical aid to the neighboring villagers.
- The primary school and high school facility of the university is made available for the children of the neighboring villages.

41. LINKAGES DEVELOPED WITH NATIONAL /INTERNATIONAL ACADEMIC/RESEARCH BODIES:

The University has Developed Linkages with the following National/International Academic/Research Institutions:

Sl. No.	Departments	Linkage with Institution
01.	Botany	ICRISAT, AGRI Universities, Avasthgen, Bio-sheetal Seeds
02.	Material Science	M/s Premier Explosives Ltd, Hyderabad
03.	Instrumentation Technology	M/s Panarea Medical Technology Pvt Ltd.
04.	Computer Science	IT Industries in Bangalore and Hyderabad for MCA Projects University of Mysore, Karnataka University, Kuvempu University for Research
05.	Law	Vijnaneshwar Reseach Centre Marthur
06.	Commerce & Management	HLCCI & Business and Industrial University at Gulbarga, Bangalore, Hyderabad etc
07.	Economics	Govt. Bodies and Departments
08.	Social Work	NGOs at State Level and National Level
09.	Womens' Studies	NGOs at State Level and National Level
10.	Social Science	Infosys Foundation, Bangalore

42. ACTION TAKEN REPORT ON THE AQAR OF THE PREVIOUS YEAR:

The following actions were initiated during the year 2010-11 to implement the recommendations of the Peer Team of NAAC made at the time of re-accreditation:

Recommendation:

- Expeditious, proactive strategies to fill up all vacancies of the faculty positions adhering to the UGC XI Plan notification on appointment of teachers in University departments.

Action taken:

Efforts are initiated. State Government has been requested to permit the filling up of posts.

Recommendation:

- Introduction of CBCS in all departments of the University in letter and spirit with provision for horizontal mobility of students across the departments with vertical integration and credit transfer facilities as per UGC guidelines.

Action taken:

The University has continued the efforts for introduction of Choice Based Credit System (CBCS) at PG level. In this direction, the following steps are taken.

- iii. Faculty-wise meetings were conducted to prepare the regulations for PG courses under CBCS.
- iv. The Board of Studies of the PG departments have prepared the syllabus for the PG courses under CBCS.

Further, the syllabus of M.Sc Biotechnology is prepared as per guidelines of Department of Bio-technology(DBT), Government of India.

Recommendation:

- Focused efforts to promote research culture among the research scholars and faculty members by creation of budget head for 'Research' in the University budget estimate every year to facilitate larger number and quantum of University Research fellowships, Research starter grants, earn while learn scheme etc.

Action taken:

Action has been taken to enhance the research fellowship given to scholars by the university from Rs. 2000/- to Rs. 4000/- in case of SC/ST students.

Recommendation:

- Concentrated efforts by the departments to achieve sanction of UGC – SAP recognition, DST – FIST assistance and Centres of Excellence status from UGC/DBT/DST etc., projecting specific thrust areas of regional and global competence.

Action taken:

Due to concentrated efforts of the university six departments were able to get the UGC-SAP recognition. Efforts are on to make other eligible departments to get grants under UGC-SAP.

Recommendation:

- Specific efforts to strengthen the P. G. Centres of the University with infrastructure, adequate permanent faculty, networking with the main campus through VLRC.

Action taken:

The PG Centres at Raichur and Bidar are provided with enhanced infrastructure in recent years like administrative blocks, hostels departments and laboratories.

Recommendation:

- Master Plan to develop eco-friendly Green Campuses of the University with efficient water conservation & recycling system, solar energy production and usage systems and effective use of the campuses for economic prosperity of the University through PPP models.

Action taken:

University is concentrating on converting the Jnana Ganga campus and P. G. centre campuses as eco-friendly Green campus by planting trees and collaborating with Government and non-Government agencies for enhancing greenery on the campus. Efforts are also being made to tap solar and wind energy for utilisation and exhibition for creating awareness.

Recommendation:

- UGC national level guidelines on Ph. D. admission, course work, progress assessment and thesis submission/evaluation be strictly adhered to facilitate to NET exemption for Ph. D. qualified candidates and to help expeditious processing of Ph. D. theses.

Action taken:

The University has made regulations and finalized the Course Work syllabus for all the subjects and drawn the schedule of coursework examinations for the first batch of research scholars.

Recommendation:

- Mechanisms to be evolved to expeditiously disseminate all relevant regulations, norms, colleges through College Development Council and electronic communications.

Action Taken:

Efforts initiated.

Recommendation:

- The University Science Instrumentation Centre need to be strengthened as a sophisticated Instrumentation facility with trained permanent personnel and effectively used by Science & Technology Departments of the main campus, PG Centres and outside institutions.

Action Taken:

Efforts are on to fill up the vacant posts and strengthen the University Science Instrumentation Centre with the sophisticated infrastructure.

The other recommendations are being considered for initiating action. The concrete efforts would emerge once the necessary resource and system are made available. The efforts are being made towards that end.

43. ANY OTHER RELEVANT INFORMATION THE INSTITUTION WISHES TO ADD:

- The university has received Rs. 1 Crore grant for kannada language development under Classical Language Scheme of Department of Kannada and Culture, Government of Karnataka Bangalore.
- Significant improvement in the students performance at UGC/JRF/NET examinations is observed.
- Considerable increase in the infrastructure facilities at the PG centres has been achieved.
- The focused efforts for enhancing the greenery of the campus have been made by planting trees and developing of gardens in the campus.

Gulbarga University, Gulbarga

Internal Quality Assurance Cell

Prof. E. T. Puttaiah Hon'ble Vice Chancellor, Gulbarga University, Gulbarga	Chairperson
Prof. S. L. Hiremath Registrar, Gulbarga University, Gulbarga	Member
Prof. P. K. Kandoba Dept. of Kannada, GUG	Member
Prof. A. H. Rajasab Dept. of Botany, GUG	Member
Prof. P. S. Hiremath Dept. of Computer Science, GUG	Member
Prof. Ramesh Agadi Dept. of Management, GUG	Member
Prof. B. S Maheshwarappa Dept of Lib. Inf. Science, GUG	Member
Prof. E. R. Ekbote Dept. of Education, GUG	Member
Prof. S. S. Patil Dept. of Law, GUG	Member
Dr. Rajakumar Prof. of Botany, Osmania University, Hyderabad	Member
Dr. S. S. Patil Chairman, Patil Groups of Industries, Gulbarga	Member
Sri. Q. M. Inamadar President, Inamadar Regional	Member

Educational Charitable Trust, Gulbarga

Prof. C. S Basavaraj
Dept. of Commerce, GUG

Member Secretary

Gulbarga University, Gulbarga

**Sub-Committee of Internal Quality Assurance Cell to Prepare Annual
Quality Assurance Report for the Year 2010-11.**

- 1. Prof. P. K. Kandoba**
- 2. Prof. A. H. Rajasab**
- 3. Prof. P. S. Hiremath**
- 4. Prof. R. B. Agadi**
- 5. Prof. Basavaraj C. S.**