



**THE ANNUAL QUALITY ASSURANCE REPORT**

**(AQAR)**

**Of**

**2009-10**

**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 grievance redressal. It has introduced several innovative practices in all the activities. The activities and achievements of the university in all these spheres are summarised in the following sections.

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

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

### **P.G. Courses :**

1. PG Diploma in Embedded System offered by the University Scientific Instrumentation Centre (USIC) in collaboration with the Department of Applied Electronics.
2. P.G. Diploma in Nanoscience and Technology offered by the Department of Materials Science.
3. PG Diploma in Kannada Sahitya and Rangabhoomi offered by the Department of Kannada.
4. Master of Journalism & Mass Communication (MJMC) offered by the Department of Journalism & Mass Communication.
5. Master of Tourism Administration (MTA) offered in an affiliated college.

6. Master of Finance & Accounting (MFA) offered by the Department of Commerce.

**U.G.Courses :**

7. Materials Science is offered as an optional subject in B.Sc. Course in affiliated colleges.
8. Bachelor of Tourism Administration offered in unaffiliated college.

**03. INNOVATION IN CURRICULAR DESIGN AND TRANSACTION:**

The University has initiated the efforts to introduce the Choice Based Credit System (CBCS) at P.G level. In this direction, the university has organized the workshop for P.G teachers by inviting resource persons from Kuvempu University, Shimoga, and Karnataka University, Dharwad. The curriculum design and evaluation scheme under CBCS for P.G courses were deliberated and the draft proposal for the introduction of CBCS for P.G courses was prepared.

**04. INTER DISCIPLINARY PROGRAMMES STARTED:**

The Department of Materials Science has started innovative programme for teaching and research in Materials Chemistry funded by UGC.

The Department of Physics has offered Bio-Physics as an optional paper in M.Sc. Physics course.

The Department of Zoology has introduced M.Sc. course in Bio-informatics.

#### **05. EXAMINATION REFORMS IMPLEMENTED:**

The Examination branch of the University has introduced cluster system for conduct of semester – end examinations of professional courses at UG level. This reform has resulted in enhancing the effectiveness of the evaluation process.

#### **06. CANDIDATES QUALIFIED IN NET/SLET/GATE:**

##### **STUDENTS' ACHEVEMENT IN UGC – JRF – NET EXAMINATIONS DURING 2009-10.**

<b>Sl. No.</b>	<b>Department</b>	<b>No. of Students Passed</b>	<b>Sl. No.</b>	<b>Department</b>	<b>No. of Students Passed</b>
01.	Economics	02	08.	English	01
02.	Sociology	01	09.	Women Studies	01
03.	Commerce	01	10.	Visual Art	01
04.	Education	05 (+2Adult Education.)	11.	Geography	02
05.	Management	01	12.	Library & inform. sci.	01
06.	Hindi	02	13.	Urdu	01
07.	Kannada	15	14.	Law	01
<b>Total</b>					<b>37</b>

#### **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.

**08. TOTAL NUMBER OF SEMINARS/WORKSHOPS CONDUCTED AND ITS DETAILS:**

SL. NO.	PARTICULARS	SEMINAR/ WORK SHOP/ TRAINING	PERIOD
01.	Recent Trends in Bioremediation (Dept. of Biochemistry)	Seminar	Two-days From 05-03-2010 to 06-03-2010
02.	Role of Biology & Biotechnology in conservation of Biodiversity & suitable development. (Dept. of Botany)	Seminar	Three-days From 22-12-2009 to 24-12-2009
03.	“Basics of Geo-informatics” for Teachers. (Dept. of Environmental Science)	Training Programme	Twenty-days From 05-12-2009 to 24-12-2009
04.	National Seminar on X-Ray diffraction Technique. (Dept. of Physics)	Seminar	Two-days From 02-03-2010 to 03-03-2010
05.	Hindi Home Writing : Its Commitments & Restrictions. (Dept. of Hindi)	Seminar	One-day On 05-05-2010
06.	National Seminar on India’s Foreign Policy; Continuity and Change (Dept. of Political Science)	Seminar	Two-days From 08-09-2009 to 09-09-2009
07.	SPSS Package (Dept. of Management)	Work-shop	Two-days From 08-10-2009 to 09-10-2009
08.	National Integration Through Bharateeya Nyayadarshan (Dept. of Law)	Seminar	Two-days From 02-03-2010 to 03-03-2010



## 09. RESEARCH PROJECTS:

Sl. No.	Title of the Project	Department	Funding Agency	Total of Amount Allocated	Date of Implementation & Period
<b>I. FACULTY OF SCIENCE AND TECHNOLOGY</b>					
01.	Development of Humidity and gas sensors using conducting polymer Nano composites.	Material Science	DST	19,22,057/-	3 Years 06.10.2007 To 05.10.2010
02.	Complete Mineralization of Dimethyl formamide (DMF) by ochrobactum sp. Cloning and DMF degradation.	Biochemistry	DBT	25,54,000/-	3 Years 25.09.2008 To 24.09.2011
03.	Drive for the Development of Rural Weaker Section and SC/ST Population Through Vermicomposting and Mushroom Cultivation.	Microbiology	DBT	14,89,000/-	3 Years 05.02.2010 To 04.02.2013
04.	Irradiation studies of some important bio functionalized nano particles	Material Science	BRNS	20,53,150/-	3 Years 2009 to 2012
05.	Synthesis Characterization and radation response of Nano Ferroelectrics, Nano Ferrites.	Material Science	BRNS	20,65,650/-	3 Years 2009 to 2012
06.	A Study on Handwritten Bi-Lingual Optical Character Recognition System.	Computer Science	UGC	7,76,800/-	3 Years 01.04.2008 To 31.03.2011
07.	Biosynthesis of some Noble Metal and Metal Chalcogenide nanoparticles.	Materials Science	UGC	5,63,300/-	3 Years 01.04.2008 To 31.03.2011
08.	Studies on fatigue characteristics of La-doped Bismuth Titan at thin films for nonvolatile memories.	Material Science	UGC	9,73,800/-	3 Years 01.02.2009 To 31.02.2012
09.	A Study of Convective Instabilities in Fluid and Porous Medium.	Mathematics	UGC	6,37,800/-	3 Years 01.02.2009 To 31.01.2012
10.	Free and forced convection in vertical wavy channels with traveling thermal waves.	Mathematics	UGC	6,40,800/-	3 Years 01.02.2009

					To 31.01.2012
Sl. No.	Title of the Project	Department	Funding Agency	Total of Amount Allocated	Date of Implementation & Period
11.	Some Problems on Convective Instability	Mathematics	UGC	6,55,800/-	3 Years 01.02.2009 To 31.01.2012
12.	Mathematical modeling of dusty fluid flow with industrial and medical application.	Mathematics	UGC	7,81,800/-	3 Years 01.02.2009 To 31.01.2012
13.	Development of the bio-process for the production of lovastain from the regional agro based wastes.	Microbiology	UGC	9,26,800/-	3 Years 01.04.2008 To 31.03.2011
14.	Green synthesis of highly stabilized nano silver particles by Rhizopussps and its application against Gram negative E.Coli MDR strains.	Microbiology	UGC	7,74,800/-	3 Years 01.02.2009 To 31.01.2012
15.	Production of stable tyroinase from the novel isolates of streptomycin.	Microbiology	UGC	9,62,800/-	3 Years 01.02.2009 To 31.01.2012
16.	Study of low energy photon interaction with matter- near absorption edge.	Mineral Processing	UGC	10,03,800/-	3 Years 01.02.2009 To 31.01.2012
17.	Energy Loss of Light Ions in Polymer Films.	Mineral Processing	UGC	9,11,800/-	3 Years 01.02.2009 To 31.01.2012
18.	Design and Development of Compact and Broadband Micro strip Antennas.	U.S.I.C	UGC	9,40,800/-	3 Years 01.02.2009 To 31.01.2012
19.	Design and Development of Microcontroller based Photo acoustic Spectrometer for phase Transition Studies.	Instrumentation Tech., P.G.Centre, Raichur	UGC	6,29,800/-	3 Years 01.02.2009 To 31.01.2012

20.	Role and Status of Women in Inland Fisheries of Hyderabad-Karnataka Region.	Zoology	UGC	6,63,800/-	3 Years 01.02.2009 To 31.01.2012
<b>Sl. No.</b>	<b>Title of the Project</b>	<b>Department</b>	<b>Funding Agency</b>	<b>Total of Amount Allocated</b>	<b>Date of Implementation &amp; Period</b>
<b>II. FACULTY OF ARTS</b>					
21.	Study and Documentation of Glass Paintings	Kannada Visual Arts	UGC	7,71,200/-	2 Years 01.02.2009
22.	A Cultural Study of Place Names (Grama Nama) of Gulbarga District, Karnataka State.	Kannada	UGC	4,18,800/-	3 Years 01.04.2008 To 31.03.2011
23.	North Karnataka and Dalit Movement: A Complete Study.	Kannada	UGC	5,95,200/-	2 Years 01.02.2009
24.	Caste and Class Conflict (Sociology Study of Hindi, Kannada Dalit and Non-Dalit Fiction)	Hindi	UGC	5,11,800/-	3 Years 01.02.2008 To 31.03.2011
<b>III. FACULTY OF SOCIAL SCIENCE</b>					
25.	Globalization and Emerging Trends of Corporate Social Responsibility	Sociology	ICSSR	3,18,200/-	2 Years 27.03.2009 To 26.03.2011
26.	Development of e-content on Traditional Knowledge and Folk wisdom of Hyderabad Karnataka region	Lib. & Inf. Science	UGC	5,21,200/-	2 Years 01.02.2009 To 31.01.2012
27.	Political process of backward castes (BCs) in Panchayat Raj Institutions: Pros and Cons: A study in Andhra Pradesh	Political Science	UGC	4,71,200/-	2 Years 01.02.2009 To 31.01.2012
28.	The Movement for Human Rights: A Comparative Study of Dr. B.R. Ambedkar and Basaveshwar	Political Science	UGC	2,62,500/-	2 Years 01.02.2009 To 31.01.2012
29.	Dynamics of Political Process and Emergence of Leadership in Karnataka 1956-2006	Political Science	UGC	2,95,000/-	2 Years 01.02.2009 To 31.01.2012
30.	Impact of Schedule Castes Organization on	Political	UGC	5,68,700/-	2 Years

	Socio-Economic and Education Empowerment of Scheduled Castes: A Study in Karnataka	Science			01.02.2009 To 31.01.2011
<b>Sl. No.</b>	<b>Title of the Project</b>	<b>Department</b>	<b>Funding Agency</b>	<b>Total of Amount Allocated</b>	<b>Date of Implementation &amp; Period</b>
<b>IV. FACULTY OF COMMERCE</b>					
31.	Equity Investing Strategies in Indian Context: A Performance Analysis	Commerce	UGC	4,29,200/-	2 Years 01.05.2009 To 30.04.2011
<b>V. FACULTY OF EDUCATION</b>					
32.	Development of Rural Folk Games	Physical Education	UGC	6,79,200/-	2 Years 01.02.2009 To 31.01.2011
33.	Development of Rural Cultural Games	Physical Education	UGC	4,83,700/-	2 Years 01.02.2009 To 31.01.2011

#### **10. PATENTS GENERATED:**

The faculty in the Department of Materials Science have made significant research contribution in the field of Nanotechnology which has resulted in their application for two patents as specified below:

Application No. 719/CHE/2010 publication dated 23/04/2010

Application No. 1494/CHE/2010 publication dated 31/05/2010

## 11. NEW COLLABORATIVE RESEARCH PROGRAMMES:

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

Sl. No.	DEPARTMENT	TITLE	WITH WHOM	REMARK
01.	Biochemistry	Complete Mineralization of Dimethyl Formamide (DMF) by <i>Ochrobactrum</i> SP. DGVKI: Cloning and Compression of the gene/genes responsible for DMF degradation.	Dept. of Animal Biotechnology, University of Hyderabad.	Faculty level
02.	Materials Science	Studies on High Energy Materials.	Premier Explosives Ltd, Hyderabad.	Faculty level
03.	Mathematics	Convective Flow and Heat Transfer through Channels / Ducts	Research Programme in collaboration with Taiwan University.	
04.	Computer Science	Image Processing and Pattern Recognition.	University of Mysore, Mysore Karnataka University, Dharwad Kuvempu University, Shimoga	Faculty level
05.	Physics	Synthesis, Characterization and Radiation Response of Nano Ferroelectrics, Nano Ferrites.	1. Microtron Centre, Mangalore. 2. Leif Gerward, Technical University of Denmark. 3. Danggapils University Lativa.	Faculty level
06.	Botany	Research in the field of Mycology, Plant Pathology Ethno botany Medicinal Plants Biodiversity Tissue Culture.	ICRISAT Hyderabad, NCL, Pune University in USA, Europe and Australia, South Africa. Many Universities in India. Research Institutions in India & Abroad.	Faculty level
07.	Law	Mitakshara, Bharateeya Nyaya Paddhati and Raja Dharma.	MoU with Vijnaneshwara Souharda Sahakari [L] Vijnaneshwara Bhavan, Martur.	University level
08.	Commerce	Development through Co-existence and Collaboration A	Hyderabad Karnataka Chamber of Commerce and	University level

		Memorandum of Understanding between Gulbarga University and HKCCI, Gulbarga.	Industry (HKCCI) Gulbarga.	
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**12. RESEARCH GRANTS RECEIVED FROM VARIOUS AGENCIES  
(Rs. IN LAKHS):**

Sl. No.	DEPARTMENT	UGC	DST	AICTE	DRDO	DBT	DAE	AIU
01.	Applied Electronics	15.00	63.14	11.30	30.03	—	—	—
02.	Bio-chemistry	20.00	10.00	—	—	10.00	—	—
03.	Material Science	59.78	—	—	—	—	20.53	—
04.	Political Science	10.30	—	—	—	—	—	—
05.	Commerce	04.30	—	—	—	—	—	—
06.	Management	—	—	—	—	—	—	01.50
07.	Computer Science	12.27	—	—	—	—	—	—
09.	Physics	19.00	—	—	—	—	40.00	—

### 13. DETAILS OF RESEARCH SCHOLARS.

The number of students enrolled for PhD programme during 2009-10 in various PG departments is shown below:

Sl. No.	DEPARTMENT	No. Of Ph.D STUDENTS
01.	Applied Electronics	12
02.	Bio-chemistry	08
03.	Botany	03
04.	Material Science	08
05.	Zoology	05
06.	Psychology	01
07.	Physics	05
08.	Computer Science	01
09.	Women's Studies	01
10.	Mathematics	10
11.	Chemistry	14
12.	Commerce	10
13.	Economics	22
14.	Political Science	09
15.	History	01

Sl. No.	DEPARTMENT	No. Of Ph.D STUDENTS
16.	Social Work	02
17.	Education	17
18.	Sociology	13
19.	Statistics	03
20.	Law	12
21.	English	01
22.	Kannada	60
23.	Sanskrit	08
24.	Hindi	07
25.	Urdu	09
26.	Bio-Technology	05
27.	Microbiology	06
28.	Library & Information Science	09
29.	Physical Education	09
30.	Instrumentation Technology	01

#### 14. CITATION INDEX OF FACULTY MEMBERS AND IMPACT FACTOR:

The members of the faculty have published their research papers in refereed journals (international as well as national). The range for impact factor is from 0.5 to 5.83.

Besides publishing the research papers, many faculty members of the faculty are on the editorial boards of reputed refereed international/national journals. Some of them are also invited to review the research papers for international refereed journals.

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

Sl. No.	NAME OF THE FACULTY	AWARD/HONORS	WHO INSTITUTED
1.	Prof. S.S. Patil (Dept. of Law)	Rastriya Gourav Award	India International Friendship Society
2.	Dr. P.B. Santappanavar (Dept. of Sanskrit)	Sushameendranugraha Prashsti	Raghavendra Swamy Math, Mantralayam
3.	Dr. Michael (Dept. of Sanskrit)	“Dharma Jyoti”	Sri 1008 Rambhapuri Simhasanadhishwara Sri Jagaduru Prasanna Renuka Someshwara Shivacharya Bhagavat Padaru, Bale Honnur
4.	Dr. Badiger (Dept. of English)	Rastriya Gourav Award	India International Friendship Society
5.	Dr. R.D. Mathad (Dept. of Physics)	Visiting Professor, Chadwick Laboratory	University of Liverpool, UK
6.	Dr. R.D. Mathad (Dept. of Physics)	Visiting Scientist	Penn State University U.S.A
7.	Dr. A. H. Rajasab (Dept. of Botany)	Visiting Professor	Tabuk University, Saudi Arabia.



## 16. INTERNAL RESOURCES GENERATED:

The University generates resources internally by way of fees, examination activities, self-supporting schemes of PG courses, consultancy by faculty members, rentals, projects and miscellaneous sources. During 2009-10 the internal resources generated amounts to Rs.20 Crores (approximately).

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

In addition to the major research project grants received by the faculty members, a few departments have received grants under UGC Special Assistance Programme (SAP) during the period covering 2009-10. The details are given below:

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

## 18. COMMUNITY SERVICES:

The faculties and students of various departments of the university were engaged in a variety of community services. They are as under:

- a) Department of Botany – Advising needy farmers on Crop Protection Strategies and Cultivation of Medicinal Plants. Delivered several extension lectures.
- b) Department of Materials Science – Delivered talks at District Science Centre (DSC) and Conduct of programmes for the Welfare of the Society.
- c) Department of Psychology – Organised Rehabilitative Counseling for the so called Black Magic affected victims of Kallur village at Jewargi Taluka and Alur (K) village at Aland Taluka and Tanda at Bidar Taluka.
- d) Department of Management & P.G. Centre Raichur – Actively participated in Flood Relief Camps that devastated North Eastern districts of Karnataka.
- e) Department of Sanskrit – Delivered lectures at various religious/public places and Industrial institutions propagating ethical and scriptural values
- f) Department of Social Work – It has in built programme for social work camps, which have created awareness in the community
- g) Department of Physics – Faculty have served as executive body members to create awareness about Radiological Risk Management & Protection

Apart from the above, the faculty members of the other departments have created awareness in the community by delivering lectures in a number of colleges in the University jurisdiction, in which the students have also participated.

## 19. TEACHERS AND OFFICERS NEWLY RECRUITED:

During 2009-10, the recruitment has been done for the following posts:

Department/Section	Cadre	No. of Staff Recruited
1. University college of Physical Education	Technical Assistants	04
	Computer Operator	01
	Lab Attender	01
2. Engineering section	Store Keeper	01
Total		07

## 20. TEACHING AND NON-TEACHING EMPLOYEES RATIO:

Ratio is 1:5

## 21. IMPROVED FACILITIES IN THE LIBRARY SERVICES:

The University Central Library provides the following improved facilities and services to the faculty members and students:

- **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 Theses/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 databases on the HK region provide useful statistical information for the users. It 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 Examinations 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](http://www.guglibrary.net)

## 22. NEW BOOKS/ JOURNALS SUBSCRIBED AND THEIR VALUE:

Books and Journals procured during 2009-10 by the University Central Library on main campus and P.G Centre Libraries.

<b>Sl. No.</b>	<b>Particulars</b>	<b>No. of books/ Journals</b>	<b>Amount (Rs. In Lakhs)</b>
1.	Books procured during 2009-10 under Plan, Non-Plan and UGC heads of expenditure	6257	23.30
2.	Journals/ Serials subscribed during 2009-10 under non-plan head of expenditure	510	17.00
<b>Total</b>		<b>6767</b>	<b>40.30</b>

**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. Corrective measures have been initiated wherever necessary.

**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 2008-09 the feedback from broad spectrum of stakeholders was taken and accordingly the university has initiated action during 2009-10.

**25. UNIT COST OF EDUCATION:**

The unit cost of education in the university for the year 2009-10 was Rs.1, 40, 275/- per P.G student.

**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 2009-10, the following new building was completed and put to use.

<b>Infrastructure</b>	<b>Date of Completion</b>
Construction of building for Ambigara Chowdayya Study Centre, University campus, Gulbarga.	17-02-2010

**28. TECHNOLOGY UPGRADATION:**

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 2009-10, many training programs for the students, faculty, research scholars and librarians were organized. In all, over 3341 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 2009-10 for using the Language Softwares and Communication Skills. The details are given in Annexure II. The University Computer Centre extends its facilities to some of the P.G. departments to conduct practicals for P.G. students on regular basis.

**Annexure I**  
**Training Programs/ Workshops Organized during 2009- 2010**

<b>Date</b>	<b>Program</b>	<b>Content</b>	<b>Participating Group</b>	<b>No. of Participants</b>
July 2008 to June 2009	Apprenticeship Training in Library for JOC	Library Management & services, Library Automation, ICTs & e-services	PU students (JOC) in LIS	9
July 2008 to June 2009	Apprenticeship Training in Computer for JOC	Library Automation, ICTs & e-services	PU students (JOC) in Computer Science	1
July 2008 to June 2009	Apprenticeship Training in Library for Graduate Trainees - JOC	Library management Automation, ICTs & e-services	Graduate students in Lib.-& Inf. Science	4
July 2009	Internship Training in Lib, & Inf. Science for M.L.I.Sc Course	Library management, Library, Automation, ICTs -services	Post graduate students Gulbarga University, Gulbarga	1
Aug 25 <sup>th</sup> to 26 <sup>th</sup> 2009	ICT & e-learning teaching Programs	History & Archeology	History Lecturers in all colleges	106
Aug 28 <sup>th</sup> to 29 <sup>th</sup> 2009	Data analysis workshop	SPSS Package	P.G. Students & staff	120
Sep 2009 to Oct 2009	Orientation for P.G. Students	ICT & E Resource	Postgraduate student Gulbarga University, Gulbarga	1022
Nov 2009 to Jan 2010	Information & Communication Program Six Programs each of Five days duration	Training Program for College Librarians on ICT & Information Services	Karnataka State College Librarians	308
14 <sup>th</sup> to 19 <sup>th</sup> December, 2009	Refresher Course P.U Colleges	Teachers of Physics and Chemistry	P.U College Teachers	86
28 <sup>th</sup> Dec 2009 to 2 <sup>nd</sup> Jan 2010	Refresher Course P.U College,	Teachers of Mathematics & Biology	P.U College Teachers	78
18 <sup>th</sup> to 26 <sup>th</sup> Feb. 2010	Bio informatics databases and e-resources	Access to Bio informatics information	P.G. Teachers & Students of Biotechnology Dept.	46
3-4 March 2010	Symposium on strengths in research and teaching	Life science	P.G. Teachers of Life Science in Universities of Karnataka	40



## Annexure II

### Training Programmes Organized During the Academic Year 2009-10 in the Digital Language Laboratory

Sl. No.	Training Programme Organized	Date
01.	All IV semester P.G. Students (Awareness Programme)	05.05.2009 to 08.04.2009 & 11.05.2009 to 15.05.2009
02.	Teachers from Kottala Basaveshwar Bharatiya Shikshana Samiti (SKBBS), Sedam	09.05.2009
03.	All P.G. Students of III semester	20.08.2009 to 11.09.2009
04.	High School Students from Samata Lok Sikshan Samiti, Lokanayak Jayaprakash Narayan High School, Aland	14.09.2009
05.	All P.G. Students of I semester	01.10.2009 to 05.11.2009
06.	Test-interview of Central University of Karnataka	26.10.2009
07.	Students from Central University of Karnataka	03.11.2009
08.	M.A. English Students of I & III semester	21.11.2009
09.	Librarians from Various Colleges in Karnataka State	25.11.2009
10.	LLB Students from Sidhartha Law College, Gulbarga	16.11.2009
11.	MSW Students	24.11.2009
12.	Central University of Karnataka Students	06.11.2009
13.	All Research Scholars	29.12.2009 to 11.01.2010
14.	College Librarians on ICTS & Information Universe	28.01.2010
15.	Dept. of Computer Science Students, GUG (M.Sc. II semester, M.Sc. IV semester and MCA IV students)	28.01.2010 to till the end of semester
16.	M.Ed students from Sir Murugha Rajendra Swamiji College, Gulbarga	29.01.2010

### **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, freships, 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:**

Alumni associations of individual departments undertake activities on regular basis. Further, the University Alumni association has been established and it has drawn an outline of functions to be undertaken in the subsequent years.

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

University gets inputs from PG and UG teachers associations on issues relating to academics and administration regularly. The P.G. departments are in touch with the parents of the students admitted to the P.G. courses for appraisal of student performance and also obtain feedback from the parents.

### **33. HEALTH CENTRE:**

The University has full-fledged Health Centre with essential diagnostic facilities, a few beds 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 charges for sophisticated treatments and operations are reimbursed by the university.

The Health Centre provides free medical examination every year 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 expenditure of the Health Centre is Rs. 8,26,837/- for 2009-10.

### 34. PERFORMANCE IN SPORTS ACTIVITIES:

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

i) Chess	Secured 44 points
ii) Hockey	Reached second round
iii) Kho-Kho (Men)	Reached quarter final
iv) Basket Ball (Men)	Participated
v) Volley Ball (Women)	Reached third round
vi) Kabaddi (Men)	Reached second round
vii) Kabaddi (Women)	Reached quarter final
viii) Kho-Kho (Women)	Reached third boat
ix) Wrestling (Men)	Reached third round
x) Volleyball (Men)	Participated
xi) Athletics (Men & Women)	Reached second round
xii) Tennis (Men)	Participated
xiii) Badminton (Men & Women)	Participated
xiv) Table-Tennis (Men)	Reached third round
xv) Ball-Badminton (Men)	Participated

b) Detail Report of Gulbarga University 29<sup>th</sup> Inter-Collegiate Athletic Meet.

Date of Athletic Meet	:	2 <sup>nd</sup> & 3 <sup>rd</sup> November 2009
No. of Colleges participated	:	50
No. of players participated	:	300 Men & 100 Women
No. of officials participated	:	50
Athletic Meet inaugurated by	:	Sri. R. Vishal, IAS, Deputy Commissioner, Gulbarga
Prize Distribution Ceremony Chief Guest	:	Dr. (Smt) Shalini Rajaneesh, IAS, Secretary, HKDB, Gulbarga

**35. INCENTIVES TO OUTSTANDING SPORTSPERSONS:**

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

**36. STUDENT ACHIEVEMENTS AND AWARDS:**

Our University Students won in a National Level essay writing competition held in Moulana Azad National Urdu University, Hyderabad. Ten students were selected as Lecturers through Kanataka Public Service Commission's examination during 2009-10 (Social Sciences).

The students of Law department participated in Level KIPLAR Law Quiz competition viz; "KAANOONU KALIGALU" conducted by the Karnataka Institute of Law and Parliamentary Reforms. The team reached quarterfinal level and got a citation certificate along with a desk-top-computer.

**I. STUDENTS' ACHEVEMENT IN UGC – JRF – NET EXAMINATIONS DURING 2009-10.**

Sl. No.	Department	JRF	NET
01.	Economics	01	01
02.	Sociology	--	01
03.	Commerce	--	01
04.	Education	01	04
05.	Management	--	01
06.	Hindi	01	01
07.	Kannada	01	14
08.	English	--	01
09.	Women Studies	--	01
10.	Visual Art	--	01
11.	Geography	01	01
12.	Library & Information Science	01	--
13.	Urdu	01	--
14.	Law	01	--
15.	Adult Education	--	02
	<b>Total</b>	<b>08</b>	<b>29</b>

**II. STUDENTS' ACHIEVEMENTS IN "SOUTH ZONE INTER UNIT CULTURAL YOUTH FESTIVAL" DURING NOVEBER 2009.**

Sl. No.	Name	Cultural Event	Prize
01.	Mr. Abraham, Mr. Puttaraja Rajapur, Mr. Yallaling, Mr. Maruti, Mr. Sharanabasappa, Mr. Aravind	Group Song (Indian)	Silver Medal (Second Place)
02.	Miss Gayatri	Rangoli	Gold Medal (First Place)
03.	Puttaraja Rajapur	Classical Instrumental Solo (Non- Percussion)	Bronze Medal (Third Place)

### III. STUDENTS ACHIEVEMENTS IN SPORTS:

Sl. No.	Name of the Trophy	Name of the Event	Name of the Athlete/College
01.	Vijay Singh Challenge Trophy	For overall championship college in Men section	Vijayanagar college, Hospet
02.	Priyadarshini Challenge Trophy	For overall championship college in Women section	G.U.P.G. studies Gulbarga
03.	Kharge Challenge Trophy	For overall championship college in Men & Women section	G.U.P.G. studies Gulbarga
04.	Late Principal H.K. Lagali Jamakhandi Memorial Trophy	For Fastest Men of the Meet	Prakash, Govt. First Grade college, Koppal
05.	Late Sri Peerappa Hebbal Memorial Trophy	For fastest Women of the Meet	Srilata R.S., G.U.P.G. Studies, Gulbarga
06.	Late Sri Kashinathasa Pawar Memorial Trophy	For individual championship in track events Men section	Meghanath, L.V.D. College, Raichur
07.	Sri Siddappagouda Patil, Rajan Kollur Memorial Trophy	For individual championship in track events Women section	Srilata R.S., G.U.P.G. Studies, Gulbarga
08.	Sri Khaja Bhandu Nawaj Challenge Trophy	For individual championship in field events Men section	Gururaj R., Kottureshwar college, Kottur
09.	Smt. Gangabai Tiwari Memorial Challenge Trophy	For individual championship in field events Women section	Anusha B., Vijaynagar College, Hospet
10.	G.U. & College Phy. Edn. Teachers Challenge Trophy	For individual championship in long distance run for Men section	Raghavendra, Kanishka BPEd. College, Raichur

### 37. ACTIVITIES OF 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 Censitisation 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 placements 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 organization/industries.

Azim Premji Foundation regularly holds campus interviews for Social Work and Women's Studies students. There is Employments 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 for teaching.

### **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 inplant training to students.
- Students are permitted to obtain photo copies of their answerscripts and appeal for revaluation.
- All the SC/ST & category-I students are provided monthly studentship and yearly contingency grant for pursuing Ph.D and M.Phil Degrees.
- The one candidate with highest merit in each department is also provided with research scholarship, for each of the M. Phil and Ph. D courses.
- 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.
- Prasaranga 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. Prasaranga, 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 decentralization action of the leadership through committee system.
- Introduction of need based courses.
- The following study centers of the university established through Public/Government 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 Sahithya 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 neighbouring villages.
- Every department has its society to conduct curricular, co-curricular and extra-curricular activities through out the year.  
Example; (i) Department of Botany has botanical society.  
(ii) Department of Chemistry has chemical society.
- Every department has its own library in the departments. The books and journals are donated by the staff.

#### **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, NCL, I ISc, Avasthgen, Bio-sheetal Seeds, and Universities Abroad.
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	HKCCI & Business and Industrial Institutions at Gulbarga, Bangalore, Hyderabad etc.
07.	Economics	Govt. Bodies and Departments.
08.	M. S. W.	NGOs at State Level and National Level.
09.	Women's Studies	NGOs at State Level and National Level.
10.	Social Science	Infosys Foundation, Bangalore. (Research Fellowship)

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

The University subjected itself for re-accreditation during 2008-09. The NAAC Peer Team visited the University on 30-31<sup>st</sup> March and 1<sup>st</sup> April 2009. The team was composed of Prof. S. P. Thygarajan(Chairman), Prof. J. K. Tandon(Member), Prof. N. V. Narasimhas(Member), Prof. Pallu Reddanna(Member), Prof.(Mrs.) Mamata Satapathy(Member) and Dr. K. Rama(Co-ordinator). The University got 'B' grade with 2.87 score in the four point scale awarded by NAAC. The Peer Team after visiting the departments, facilities and interacting with the stakeholders made the following recommendations:

### **Recommendations for quality enhancement of the university:**

- 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.
- 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.
- Students entry to exit and examination/evaluation.
- Introduction of school system in the University to facilitate inter-departmental and interdisciplinary interaction in teaching, research and optimal use of infrastructure facilities.
- 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.
- Establishment of University Industry Interaction Centre as a statutory body with approved consultancy norms and an IPR Entrepreneurship Cell to sensitize and promote technology incubation, closer interaction with industries and corporate bodies.
- 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.

- Specific efforts to strengthen the P. G. Centres of the University with infrastructure, adequate permanent faculty, networking with the main campus through VLRC.
- Extension and co-curricular activities are to be strengthened through value addition, vocational training, Women empowerment, communication and soft skills development programmes by the University departments, NSS and other centres of the University.
- Effective and optimal use of the Virtual Learning Resource Centre, Language Technology Laboratory and the Computer Center for teaching, training and research to be augmented through computer – aided learning packages, trained personnel and extended periods of working hours from 8 am to 8 pm.
- A dedicated Career Guidance and Counseling Center, Grievance Redressal Cell and a University level Placement Centre to be setup/strengthened with trained full time personnel and modern gadgets of infrastructure to provide the desired assistance to students.
- 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.
- 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.
- Mechanisms to be evolved to expeditiously disseminate all relevant regulations, norms, colleges through College Development Council and electronic communications.
- Rational methodology to be evolved to motivate and recognized affiliated colleges for permanent affiliation which will facilitate them to acquire 12(b) status them eligible for UGC grants.
- 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:**

The above recommendations of the NAAC Peer Team are being studied by the University and the ways and means for implementing the same are being identified.

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

- During 2009-10 the university got a number of research projects sanctioned by the UGC and other funding agencies. It is one of the highest ever funds for such purpose in any one year received by the University.
- During 2009-10 four more PG departments got assistance under UGC – SAP.
- During 2009-10 the University signed Memorandum of Understanding (MOU) with Hyderabad Karnataka Chamber of Commerce and Industry (HKCCI) which helps the University to have inter action with the Chamber of Commerce and Industry for the benefit of the teachers, students and other stakeholders.
- The state level training programme for all the college librarians on ICT and Information Services has been conducted.
- State level refresher courses for all the P.U. College Science teachers has been conducted in the subjects Physics, Chemistry, Mathematics and Biology.

## Gulbarga University, Gulbarga

### Internal Quality Assurance Cell

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

## **Gulbarga University, Gulbarga**

**Sub-Committee of Internal Quality Assurance Cell for Preparing Annual Quality Assurance Report for the Year 2009-10.**

- 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.**