

The Annual Quality Assurance Report (AQAR) of the Bangalore University for the academic year 2014-2015

Part – A

1	Details of the Institution					
1.1	Name of the Institution				BANGALORE UNIVERSITY	
1.2	Address Line				JNANA BHARATHI	
	City/Town				BENGALURU	
	State				KARNATAKA	
	Pin Code				560 056	
	Institution e-mail address				vc@bub.ernet.in	
	Contact Nos.				080 – 22961000, 080 – 22961011, 080 – 22961012	
	Name of the Head of the Institution				Prof. B. THIMME GOWDA	
	Tel. No. with STD Code				080-23213172; 080-22211792; 080-22961001	
	Mobile				09880571210	
	Name of the IQAC Director				Prof. B. C. PRABHAKAR	
	Mobile				09972483502	
	IQAC e-mail address				iqac@bub.ernet.in	
1.3	NAAC Track ID (For ex. MHCOGN 18879)				KAUNGN10041	
1.4	Website address				http://www.bangaloreuniversity.ac.in	
	Web-link of the AQAR				http://www.bangaloreuniversity.edu.in/AQAR201415.doc	
1.5	Accreditation Details					
	Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
	1	1 st Cycle	5 stars	-	2002	5 years
	2	2 nd Cycle	A	3.12	2008	5 years
	3	3 rd Cycle		Applied for accreditation on 30-11-15		
	4	4 th Cycle	-	-	-	-

1.6	Date of Establishment of IQAC	02/01/2008
1.7	AQAR for the year (for example 2010-11)	2014-15
1.8	Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC ((for example AQAR 2010-11 submitted to NAAC on 12-10-2011).	
	i. AQAR_2009-10 submitted to NAAC on 15/04/2015 ii. AQAR 2010-11 submitted to NAAC on 15/04/2015 iii. AQAR 2011-12 submitted to NAAC on 15/04/2015 iv. AQAR 2012-13 submitted to NAAC on 15/04/2015 v. AQAR 2013-14 submitted to NAAC on 15/04/2015	
1.9	Institutional Status	
	University	State
	Affiliated College	No
	Constituent College	No
	Autonomous college of UGC	No
	Regulatory Agency approved Institution	No
	AICTE, BCI and NCTE approval for Engineering, Law and Education courses respectively	
	Type of Institution	
	Co-education	Yes
	Urban	Yes
	Financial Status	
	Grant-in-aid	Yes
	UGC 2(f)	Yes
	UGC 12B	Yes

1.10	Type of Faculty/Programme	
	Arts	Yes
	Science	Yes
	Commerce	Yes
	Law	Yes
	PEI (Phys Edu)	Yes
	TEI (Edu)	Yes
	Engineering	Yes
	Management	Yes
1.11	Name of the Affiliating University (for the Colleges)	Not Applicable
1.12	Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc .	
	Autonomy by State/Central Govt. / University	State
	UGC-Special Assistance Programme	Yes
	UGC-Innovative PG programmes	Yes
	DST-FIST	Yes
	Any other (Specify)	CPEPA, BRNS, MOEF, ICMCR, CSIR, PURSE, DBT, ICSSR, IUAR, NIF, EMPRI, ISRO, NABARD.
2	IQAC Composition and Activities	
2.1	No. of Teachers	24
2.2	No. of Administrative/Technical staff	03
2.3	No. of students	--
2.4	No. of Management representatives	01
2.5	No. of Alumni	--

2.6	No. of any other stake holder and Community representatives	--
2.7	No. of Employers/ Industrialists	--
2.8	No. of other External Experts	--
2.9	Total No. of members	28
2.10	No. of IQAC meetings held	03
2.11	No. of meetings with various stakeholders	
	Total No	03
	Faculty	--
	Non-Teaching Staff	--
	Students	--
	Alumni	--
	Others	03
2.12	Has IQAC received any funding from UGC during the year?	Yes
	If yes, mention the amount	Activities of IQAC were supported by Univ. Funds received from UGC under plan grants.
2.13	Seminars and Conferences (only quality related).	
i	No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC	
	Total Nos	6
	International	--
	National	--
	State	4
	Institution Level	2
ii	Themes.	1. Introduction of CBCS in all programs and 2. Challenges in Research & quality in Higher Education

2.14	Significant Activities and contributions made by IQAC.	
	<p>a) The IQAC, Bangalore University, Bangalore and UGC academic staff college, BUB jointly organized three day workshop on “Trends and challenges in research” to the research scholars of Bangalore University during 10th to 12th November 2014.</p> <p>b) IQAC conducted NAAC – Sponsored Workshop for the Principals of non-accredited Colleges of Bangalore University on 8th & 9th December 2014.</p> <p>c) In house workshop on learning outcome of higher education arranged for UG, PG, Ph. D and other courses of Bangalore University conducted for students, teachers and parents. And the feedback received from them was transmitted to UGC.</p> <p>d) A oratory competition for the students on the topic “Use of technology and innovations in promotion of good governance” arranged on 16.04.2015 to commemorate the birth anniversary of Sri. Atal Bihari Vajpayee, former Prime Minister of India.</p> <p>e) Karnataka Jnana Aayoga (KJA) and IQAC have jointly organized a 2-day Workshop on “Assessing <i>Technologies for Higher Education</i>” during 16-17, June 2015 to the Chairpersons of PG Departments of BU and Principals of all affiliated colleges of Bangalore University.</p> <p>f) One day workshop on Choice Based Credit System(CBCS) conducted on 23rd September 2015 for the benefits of Vice-Chancellors, Registrars, Registrar (Evaluation), Deans, Faculty of various disciplines and students and parents of 5 Universities, viz, Mangalore University, Mysore University, Karnataka State Open University, Smt. Gangubaihangal Music and Performing Universities and Sanskrit University. The Bangalore University was the host University. This programme was conducted in connection with introduction of CBCS at UG & PG level.</p>	
2.15	Plan of Action by IQAC/Outcome.	
	Plan of Action	Achievements
	Feedback from student	Successfully done. Helped in the academic and physical infrastructure development.
	Initiating new academic and research programs during the golden jubilee celebration year, through the support of UGC and Govt. funding	They are ongoing programs.
	Meeting the faculty to get the appraisal of the department and teachers.	Helped to obtain data from the different faculty.
	Initiating moves to Strengthen the web-based and E-resource of information for students, teachers and research scholars and moving	Through ICT(Library) Centre all these are going to be strengthened.

	towards E-administration in the university.	
	Initiated moves to start more Vocational and soft skill courses in colleges affiliated to Bangalore University.	Through the efforts of CDC some courses have been started by the affiliated colleges.
	<i>* Attach the Academic Calendar of the year as Annexure.</i>	
2.16	Whether the AQAR was placed in statutory body.	Yes
	Management	NA
	Syndicate	Yes
	Any other body	NA
	Provide the details of the action taken	The Syndicate has approved and permitted to submit it to the NAAC

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes.

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	59	-	-	-
PG	79	--	07	-
UG	10	--	-	-
PG Diploma	21	--	-	-
Advanced Diploma	01	-	-	-
Diploma	05	-	-	-
Certificate	05	-	-	-
Others – Integrated Masters	05	-	-	-
DDE (UG-3, PG-13, PGD-4, D-2, Cert – 2)	24	-	-	-
Total	209	--	07	-

Interdisciplinary	02	-	-	-
Innovative	01	--	-	-

1.2 (i) Flexibility of the Curriculum: CBCS System - Core / Open options

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	181
Trimester	-
Annual	28

1.3 Feedback from stakeholders* Alumni Parents Employers Students

(On all aspects)

Mode of feedback : Online Manual Co-operating schools (for PEI)

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

It is customary to revise the syllabus once in 3 years. However, as the University introduced CBCS system, the entire curriculum of UG, PG of the University for all the Courses have been revised, keeping in view of the advancements in subjects and specializations.

1.5 Any new Department/Centre introduced during the year. If yes, give details. – NO -

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty.

Total	Asst. Professors	Associate Professors	Professors	Others
350	93	72	185	-

2.2 No. of permanent faculty with Ph.D. - 299

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

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
-	93	-	82	-	65	-	-	-	240

2.4 No. of Guest and Visiting faculty and Temporary faculty

69	12	181
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2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/	48	115	105
Presented papers	62	121	87
Resource Persons	18	72	24

2.6 Innovative processes adopted by the institution in Teaching and Learning:

Keeping in view of the dire necessity of web-based information and faster communication network, Wi-Fi system with optical cable network has been established which enabled faster and effective networking of academic, research and administrative activities of the University.

E-source for journals and books was subscribed by the University and extended to students for widening the learning resource base. This facility is also extended to affiliated colleges of Bangalore University. Several colleges affiliated to Bangalore University have started to add on courses and soft skill components and adopted innovative techniques for effective teaching.

2.7 Total No. of actual teaching days during this academic year: 203

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

- Double Valuation.
- Bar Coding.
- Strengthened students redressal system for problems related to exams.
- OMR system adopted.
- Photocopy.

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of

- Board of Study – 118
- Faculty – 146
- Curriculum Development workshop - 162

2.10 Average percentage of attendance of students - 84

2.11 Course/Programme wise distribution of pass percentage:

Title of the Programme	Total no. of students appeared	Division				
		Distinct ion %	I %	II %	III %	Pass %
Centre for Kannada Studies	248	-	100	-	-	100
Centre for Rural Studies	102	-	80	19	-	99
Centre for Women Studies	64	-	80	17	-	97
Economics	216	-	99	-	-	99
English	179	-	23	61	-	84
Foreign Languages	255	-	58	26	5	89
Hindi	12	-	85	15	-	100

History	184	-	100	-	-	100
Performing Arts	53	-	82	10	-	92
Philosophy	18	-	62	15	-	77
Political Science	288	-	100	-	-	100
Sanskrit	18	-	92	8	-	100
Social Work	329	-	100	-	-	100
Sociology	466	-	92	3	-	95
Telugu	15	-	75	25	-	100
University Law College	592	-	18	28	6	54
Urdu	38	-	100	-	-	100
Visual Arts	58	-	57	43	-	100
Apparel Technology and Management	46	-	88	-	-	88
Botany	125	-	74	7	-	81
Centre for Applied Genetics	34	-	92	-	-	92
Chemistry	287	-	26	18	-	44
Biochemistry	154	-	38	38	-	76
Communication	153	-	75	10	-	85
Computer Science and Applications	214	-	88	2	-	90
Electronic Media	148	-	82	16	-	98
Environmental Science	65	-	100	-	-	100
Electronic Science	162	-	44	11	-	55
Geography	56	-	100	-	-	100
Geology	82	-	89	2	-	91
Human Consciousness and Yogic Sciences	45	-	28	27	-	55
Library and Information Sciences	184	-	81	18	-	99
Mathematics	242	-	82	10	-	92
Microbiology/Biotechnology	62	-	89	6	-	95
Molecular Biology	12	-	100	-	-	100
Physics	116	-	33	12	-	45
Psychology	154	-	67	28	-	95
Life Science	92	-	100	-	-	100
Statistics	186	-	36	28	-	64
Zoology	313	-	92	2	-	94
Canara Bank School of Management Studies	493	-	79	20	-	99
Commerce	432	-	84	8	-	92
Architecture Engineering	82	-	39	24	-	63
Civil Engineering	265	-	88	2	-	90
Computer Science and Engineering	891	-	76	7	6	89
Electrical Engineering	454	-	59	17	-	76
Electronics and Communications	372	-	98	-	-	98

Engineering						
Mechanical Engineering	942	-	76	3	-	79
Education	163	-	100		-	100
PG Centre Kolar – Cumulative Results of MA in Kannada, Economics, MSW And MCom	502	-	92	8	-	100
Directorate of Physical Education	171	-	100	-	-	100

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

The IQAC brought in many initiatives pertaining to research, campus development, ICT adoption in teaching, providing better focus for the research scholars through workshops, coordinating Academic and Administrative Audit of the University, etc.

At the end of every academic year, the University conducts assessment of the curriculum/ course/ academic programme by students. The assessment focuses on broad areas like 1) reasons for selecting courses, 2) facilities available in the Departments, 3) quality of the syllabus, 4) internal assessment evaluation, 5) quality of the teacher in terms of regularity to classes, command over language, encouragement of students in the classes, completion of syllabus and 5) rating of the programme and the Department. This feedback contributes to the academic radar prepared by the IQAC.

2.13 Initiatives undertaken towards faculty development.

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	453
UGC – Faculty Improvement Programme	04
Orientation programmes	54
Faculty exchange programme	04
Staff training conducted by the university	02
Summer / Winter schools, Workshops, etc.	03

2.14 Details of Administrative and Technical staff.

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	751	420	--	450
Technical Staff	230	135	--	7

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution.

IQAC initiated many measures in sensitizing/ promoting Research culture climate in the University. Some of them are:

- Research Advisory Committee (RAC) has been constituted under the Chairmanship of a Former Vice-Chancellor to promoting research climate in the University.
- Organized workshops, conducted over 15 meetings, debates, student programs etc., and submitted its recommendations to the university.
- Interdisciplinary research is encouraged.
- College faculty has been appraised through workshops on the importance of creating research facility at college levels and availing funds for such activity through funding agencies.

3.2 Details regarding major projects.

	Completed	Ongoing	Sanctioned	Submitted
Number	05	99	04	03
Outlay in Rs. Lakhs	118.00	2900.00	99.00	567.00

3.3 Details regarding minor projects.

	Completed	Ongoing	Sanctioned	Submitted
Number	11	13	05	04
Outlay in Rs. Lakhs	17.00	24.00	10.00	15.00

3.4 Details on research publications.

	International	National	Others
Peer Review Journals	134	20	45
Non-Peer Review Journals	15	122	13
e-Journals	12	26	-
Conference proceedings	57	25	16

3.5 Details on Impact factor of publications:

Range Average h-index Nos. in SCOPUS

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations.

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major Projects Minor Projects	2014 - 15	DST	1200000	-
		CSIR	1100000	-
		DBT	600000	-
		ISRO	6000000	-
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	-	-	-	-
Students research projects (other than compulsory by the University)	-	-	-	-
Any other(Specify)	-	-	-	-
Total	-	-	8900000	-

3.7 No. of books published. a) With ISBN No. Chapters in Edited Books

b) Without ISBN No.

3.8 No. of University Departments receiving funds from.

UGC-SAP CAS DST-FIST
DPE DBT Scheme/funds

3.9 For colleges. Autonomy CPE DBT Star Scheme
INSPIRE CE Any Other (specify)

3.10 Revenue generated through consultancy.

3.11 No. of conferences organized by the Institution.

Level	International	National	State	University	College
Number	06	14	11	26	--
Sponsoring agencies	UGC, AICTE, TEQIP BU & others				

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

3.13 No. of collaborations. International National Any other

3.14 No. of linkages created during this year.

3.15 Total budget for research for current year in lakhs :

From Funding agency From Management of University/College
Total

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	02
	Granted	--
International	Applied	--
	Granted	--
Commercialised	Applied	101
	Granted	--

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

Total	International	National	State	University	Dist	College
20	05	12	-	03	-	-

3.18 No. of faculty from the Institution who are Ph. D. Guides and students registered under them

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

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

JRF SRF Project Fellows Any other

3.21 No. of students Participated in NSS events:

University level State level
National level International level

3.22 No. of students participated in NCC events: Total – 3350 (NCC activities of students at colleges affiliated to Bangalore University).

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

3.23 No. of Awards won in NSS:

University level	01	State level	01
National level	02	International level	-

3.24 No. of Awards won in NCC:

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

3.25 No. of Extension activities organized.

University forum	16	College forum	05
NCC	--	NSS	15
		Any other	-

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

Some of the Programs which helped student to develop societal thinking, besides causing impact on the society are:

- Health awareness Program.
- Blood donation camp.
- Cultural festivals.
- Inter-college and inter University meets.
- Literacy Program.
- Rural development Program.
- Awareness of the law for common man.

Some of the outreach activities of NSS:

- Dispute-free villages: Persuading the villagers to settle their legal issues in their own local panchayats.
- Special 10 days camp for Computer education.
- Dialogue and interaction with self help groups to share and exchange by their experiences.
- Recharging the bore wells.
- Tree Plantation.

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	1112 acres at Jnana Bharathi campus 67 acres in Central College campus and 28 acres at Kolar PG Centre	10 acres of land at Ramanagaram PG Centre	University and research funds	1217 acres
Class rooms	255	10		265
Laboratories	125	05		130
Seminar Halls	21	01		22
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	172	10		182
Value of the equipment purchased during the year (Rs. in Lakhs)	About Rs. 5665	About Rs. 260		About Rs. 5925
Others (Rs. in Lakhs)	About Rs. 1212	About Rs. 130		About Rs. 1342

4.2 Computerization of administration and library.

- a) The University administration is fully computerised.
- b) For revaluation etc., online networking and payment modes in Bangalore One centre services are enabled.
- c) E-journals access to students, researchers and faculty have been further strengthened.
- d) Strengthened the Automation of Library services.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value in Rs.	No.	Value in Rs.	No.	Value in Rs.
Text Books	344871	-	5051	89,62,010	6245	89,62,010
Reference Books						
e-Books	15472	-	-	-	-	-
Journals	376	-	226	-	226	3246496
e-Journals	6500+ Ebsco 2000+ Indian Journals	-	Indianstat.com	67416	Indianstat.com	67416
			Ebsco-Business source Llite	262400	Ebsco-Business source Lite	262400
			Ebsco-social Science fulltext Database.	241080	Ebsco-social Science full text Database.	241080
Digital Database	10	-	10	-	10	-
CD & Video	1469	-	94	-	1563	-
Others (specify)	-	-	-	-	-	-

4.4 Technology up gradation (overall).

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	1338	55	5 server 3 in 1 server	43	16	12	55	-
Added	675	-	02	-	-	-	-	-
Total	2013	55	-	43	16	12	55	-

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

- Wi-Fi connectivity in the Jnana Bharathi campus.
- Training programs were conducted for Research scholars in use of I.T.
- With the support of corporate sector training programmes were organised for non-teaching staff on use of I.T.

4.6 Amount spent on maintenance in lakhs:

a) ICT	8.50
b) Campus Infrastructure and facilities	358.82
c) Equipments	195.33
d) Others	58.00
Total :	618.65

Criterion – V

5. Student Support and Progression

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

IQAC is striving to activate several university systems to enhance the facilities meant for the main stake holders- the students. The Library, ICT wing, Engineering sections, students welfare sections have been requested to be vigilant and active in providing student friendly measures. Student facilities at Departmental levels and sensitising programmes for students have also been initiated. Support for sports, cultural and other extra-curricular activities have also been activated.

5.2 Efforts made by the institution for tracking the progression.

The Vice-Chancellor, Registrar and Registrar (Evaluation) of the University periodically meet the students to track the progression. Meetings are also held with Heads of the concerned wings/Department/sections to ascertain the effectiveness of the student's facilitative system. When found inadequate, appropriate actions are initiated to rectify the areas of default. The assessment of teachers, department and infrastructure available to students would further help the University to track the progressions.

5.3 (a) Total Number of students.

UG	PG	Ph. D.	Others
3412	2312	1136	726

(b) No. of students outside the state - 136

(c) No. of international students - 18

No	%	Men	No	%	Women
6696	58.03		4842	41.97	

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
4462	2061	439	4487	79	11528	4442	2074	436	4512	74	11538

Demand ratio 1:6.8 Dropout % 2.8

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

The University has established Pre- examination coaching Centre for students belonging to SC/ST, OBC and minorities. The purpose is to prepare the students to take up competitive exam like IAS, KAS, IPS, NET, CET staff selection and other exams. A coordinator is appointed to this centre.

No. of students beneficiaries - 186

5.5 No. of students qualified in these examinations.

NET	76	SET/SLET	63	GATE	42	CAT	06
IAS/IPS etc	03	State PSC	88	UPSC	13	Others	32

5.6 Details of student counselling and career guidance.

- Placement and Career Guidance Cells at Central College campus and UVCE has been cater the needs of students in terms of extending guidance providing job opportunities and pursuing higher education at National and International Institutions.
- Problems of students pertaining to personnel, financial and study related are counselled by the concerned Chairpersons and faculty besides University extending support through its various bodies. And also Department of Psychology is also counselling the students and staff of the University.

No. of students benefitted - 365

5.7 Details of campus placement.

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
114	3220	416	938

5.8 Details of gender sensitization programmes.

Developing zero tolerance against gender bias has been an important agenda in recruitments, student admissions, extending academic and other supportive facilities, evaluation system, placement, nominations in the committees, extending opportunities, etc. The Department of Women's Studies has organized many programs both at student and public level to spread the message of gender equality and gender-sensitive approach towards women students. Bangalore University's initiatives and measures towards preventing sexual harassment are strong and a cell to prevent sexual harassment with members drawn from faculty and the administration redress the problems whenever complaints are filed and negligible number of issues were reported to the Compliant Committee.

5.9 Students Activities

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

State/ University level National level International level
No. of students participated in cultural events

State/ University level National level International level

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

Sports : State/ University level National level International level

Cultural: State/ University level National level International level

5.10 Scholarships and Financial Support.

	Number of students	Amount in Rs.
Financial support from institution	1331	7156384
Financial support from government	1121	473660
Financial support from other sources	-	-
Number of students who received International/ National recognitions	-	-

5.11 Student organised / initiatives.

Fairs	: State/ University level	33	National level	32	International level	02
Exhibition:	State/ University level	06	National level	-	International level	-

5.12 No. of social initiatives undertaken by the students. 23

5.13 Major grievances of students (if any) redressed:

Wi – Fi facility has been widened to reach all its stake holders. Drinking water facilities in all the departments improved. Health centre was upgraded and more staff recruited.

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution:

VISION

“ To strive for excellence in education for the realization of a vibrant and inclusive society through knowledge creation and dissemination”.

MISSION

- ❖ Impart quality education to meet national and global challenges.
- ❖ Blend theoretical knowledge with practical skills.
- ❖ Pursue academic excellence through high quality research and publications.
- ❖ Provide access to all sections of society to pursue higher education.
- ❖ Inculcate right values among students while encouraging competitiveness to promote leadership qualities.
- ❖ Produce socially sensitive citizens.
- ❖ Hasten the process of creation a knowledge society.
- ❖ To contribute to Nation Building.

6.2 Does the Institution have a Management Information System:

The University disseminates its information through its websites. A well-established mechanism at the office of all the executive officers like Vice-Chancellor, Registrar, Registrar (Evaluation), Director of PMEB ensures that all the necessary information that needs to reach students, teachers and non-teaching staff reaches on time. Besides, the individual departments have their own arrangement of dissipating necessary information and notifications to students.

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

6.3.1 Curriculum Development:

Several significant actions taken and reforms made to improve the curricular aspects of the university, keeping in view the ever-changing global higher education scenario, without sacrificing the local needs. The spirit of National Education Policy, industrial requirements and local needs were considered while introducing new courses and reviewing the existing courses. 'Academia' of the university ensured that the curricula of various courses revised once in 3 years.

6.3.2 Teaching and Learning:

The University conducts periodic training programs on adopting new technologies of ICT to better equip the teachers to have Computer and internet access. In both the University campuses, Internet facilities are made available to researchers, academics, students and administration to use information and communication technologies.

The University encourages blended learning by using e-learning resources. The computer aided learning is given priority. The Wi-Fi internet and Cabled Internet Access is available in all the Departments, Library and in open spaces of the campuses to enhance the scope of e-learning. In addition, the University subscribes to CD-ROM databases facilitating quick e-survey of the literature by giving only keywords. The University also arranges orientation programs, sensitization/awareness programmes and hands-on training for the optimal use of facilities.

6.3.3 Examination and evaluation:

Feedback from Affiliated Colleges: The feedback and recommendations on curriculum, problems in official transactions, calendar of events, examination issues, appointment of officers to examination work, problems related to Local Inquiry Committee evaluations etc., are obtained from the students, employees, alumni, academic peers, industry and parents. Feed back is obtained from affiliated colleges in regular meetings with the Vice-Chancellor, Registrar, and Registrar Evaluation. Their opinions, which are in a way feedback, are also expressed in Academic Council and Syndicate meetings. And these opinions help the University to taking appropriate measures.

6.3.4 Research and Development:

Research has been a way of life in the academic arena of Bangalore University. The research policy of the University has been very strong and has created a very conducive environment for research at departmental, faculty, research student and student levels, besides encouragement for pursuing research through intra-institutional and inter-institutional levels. The University has extended support for availing funding resources from national agencies, governmental, corporate and industrial sectors, besides its own funding support for student research.

The Research Advisory Committee (RAC) has been constituted by the University under the Chairmanship of a noted academician, researcher and administrator, who is a former Vice-Chancellor. This committee consists of seven external experts who are well known researchers/

academicians/ administrators, both retired and serving, and two senior professors from the University. The Committee meets twice a year to address various issues related to research. The objective of the Committee is to motivate and promote research activities in the University. The Committee periodically takes stock of the progress made in research and analyses the same. The Committee then suggests ways and means of promoting and monitoring quality research.

6.3.5 Library, ICT and physical infrastructure / instrumentation:

The policy decisions on library matters are vested with the Library Committee (LC), (similar to Library Advisory Committee), which is a sub-committee of the Syndicate.

The recommendations of the Committee are implemented with the approval of the Syndicate. Each library has a purchase committee which consists of the Chairpersons or Heads of the Departments of the campus. All decisions relating to the utilization of funds for the purchase of the books / journals and e-resources from the library grants are taken by the Committee. However, funds are allotted to the individual Departments for the purchase of books and journals. The library purchases the books and journals as recommended by the Departmental councils. The significant initiatives of the library are subscription of E-books, and training the faculty and researchers in using E-resources.

Library has implemented digitization of thesis and dissertations submitted to Bangalore University which are made available through a searchable CD provided with Infopack. University Library extends remote access service facilities by incorporating R3 Access software.

6.3.6 Human Resource Management:

- “Sakala” scheme of Govt. of Karnataka has been adopted and this is hoped to enhance better work culture and fix up more responsibility on the staff.
- Smart cards have been issued to the college teachers to ensure effective utilization of their services for valuation work to announce the results within the stipulated time

6.3.7 Faculty and staff recruitment:

Owing to the state Government ban/ freeze on new recruitments of staff, the University has not been able to appoint new staff, either teaching or non-teaching. However, to ensure that the work is not affected, the University has appointed Guest faculty for the P.G. Departments wherever necessary and persons on contract basis for non-teaching work as well. Some of the works were also outsourced.

6.3.8 Industry interaction / collaboration:

Establishment of career guidance and placement cell helped to open new vistas for Industry-Institution interactions. Students were benefited by the exposures they got with industrial experts at the time of their interaction in placement cell. Many experts from industries were invited to BOS of different subjects to share their experience and to derive useful inputs while framing curriculum.

6.3.9 Admission of students:

Admission to P.G. courses is made by the Central Admission Committee Constituted by the University. This committee involves senior professors in the concerned Departments besides senior administrative staff. The roster system is meticulously followed.

Admission to Ph.D. course is through an entrance test conducted by the University. Here also due consideration is given for all sections of the society and the admission to Ph.D. course is also processed, based on the availability of guides in a particular subject.

6.4 Welfare schemes for:

Teaching	Quarters, Medical facilities; Loan facilities for housing and vehicle purchase; Schools for the children of campus residents and Bus facility provided.
Non teaching	Quarters, Medical facilities; Loan facilities for housing and vehicle purchase; Schools for the children of campus residents and Bus facility provided.
Students	Hostel facilities, scholarships for poor and meritorious students, sports and cultural facilities, nutritious food, Bus facility, etc.

6.5 Total corpus fund generated.

Rs. 165 Lakhs

6.6 Whether annual financial audit has been done. Yes No

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

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

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

For UG Programmes Yes

For PG Programmes Yes

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

- Established a single UG valuation centre providing adequate space and infrastructure for effective supervision and smooth conduct of valuation.
- The valuation is conducted under the surveillance of CCTV cameras and putting jammers.

- c) PG examination valuation has been decentralised and conducted in the respective PG departments which enabled quicker announcement of results. This also reduced hassles for students, if they had grievances to be redressed in the said examinations
- d) Many long pending examination related problems of students were solved.

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

- a) Colleges encouraged to establish the essential infrastructure in terms of teaching, building and other essential requirements so that they could get UGC funding support to grow further.
- b) University nominated senior faculty members to the Governing Councils of the colleges who could give guidance and suggestions to develop towards autonomy.
- c) The LIC visits by the University also enabled them to grow towards achieving autonomy.
- d) The Vice-Chancellor conducted meetings with the Principals of the colleges to appraise their situation and to encourage them for moving towards autonomy.

6.11 Activities and support from the Alumni Association:

- a) The alumni activities are mainly confined to Departments.
- b) They indulged in arranging the student interactive functions and encouraged them to focus on making the right career choices.
- c) They also initiated academic-industry interaction.
- d) In some departments, Alumni extended support in the form of providing books and minor infrastructure and supporting events.

6.12 Activities and support from the Parent – Teacher Association:

The university has advised all the Departments to interact with the parents of the students to get feedback. Many Departments have made arrangements for parent-teacher meetings. Performance of the students in the overall studies, and his/ her feedback to his parents are shared in such meetings. Parents are also informed of the career opportunities of their wards and the role of the parents in supporting the students.

6.13 Development programmes for support staff:

- Hike in salaries for the temporary staff was an important step by the university towards providing justice for those on the rolls for long years.
- University also intimidated with the contractors who provided supporting staff on outsourcing basis, to extend better salaries and working conditions.
- The University ensured a positive response for the vows of the supporting staff.

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

Many programs as shown below pertaining to environmental conservation and eco sensitization are the regular features of Bangalore University:

- Roof – top solar power generators, a measure towards ‘green–clean’ campus is under process. A 250 KW solar power generation will be installed in the administrative block roof.
- Onsite Bio-diversity educational training for graduate and school students were carried out by experts from Department of Environmental Science.
- The Campus is declared as ‘plastic free zone’ and measures have been taken for the disposal of plastic litter.
- Energy conservation : The university has initiated certain steps towards exploring and providing opportunities for energy efficiency optimization schemes at all university campuses. Accordingly, incandescent light bulbs were replaced by cost effective, high efficient LEDs.
- Water harvesting : Rain water harvesting has been done in all the existing buildings. It is also made mandatory in all the new/proposed constructions in the university.
- Plantation : Planting the new saplings in the campus has been a regular feature. In the last 4 years over a lakh saplings have been planted, especially in barren areas of the campus with the participation of campus students, garden department, school children, common public and NGOs.
- e-waste management : The university has initiated efforts to e-waste awareness. Further, the university has planned to propose some programme on waste management.

Criterion – VII

7. Innovations and Best Practices.

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

- ❖ In order to give holistic approach to the U.G. programs, several co-curricular, extension activities and skill oriented programs have been included /incorporated in their CBCS system to make the graduates more employable.
- ❖ Web-based information is made available to students through computer networking.
- ❖ B. Voc. courses have been started with UGC grant in 6 Undergraduate colleges on new vocational programs at UG level, in the following areas :
 - a. Banking and Finance
 - b. Theatre Art
 - c. Data & Web qualities
 - d. Medical lab Technology
 - e. Hospitality and Tourisms
 - f. Visual media and Film making
 - g. Digital Media and Animation
- ❖ A first of its kind, one year PG Diploma in Clinical Embryology & Assisted Re-productive Technology has been started in the University.
- ❖ Annual National Moot Court Competition are held to develop lawyering skills among the budding advocates.

- ❖ All the Undergraduate and Postgraduate candidates totalling to around 3 Lakhs are extended online registration.
- ❖ Research advisory committee has been constituted consisting of outside experts to advise on various issues of research by faculty, research scholars and students.
- ❖ The Library has implemented digitization of Thesis and Dissertations submitted to Bangalore University which are made available through a searchable CD provided with the INFO-PACK. University Library extends Remote Access Service facility by incorporating R3 Access Software.
- ❖ Audio CDs and books on over 10 subjects have been prepared and provided to visually challenged students of Braille Centre.
- ❖ Career guidance and extension program for physically and mentally disadvantaged students are initiated in collaboration with corporate companies.
- ❖ ICT and Campus Network have been strengthened.
- ❖ Strengthening of campus security measures with CCTV cameras etc.

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

Initiating new academic and research programs during the golden jubilee celebration year, through the support of UGC and Govt. funding and arranging more academic programs - It is in progress.

Strengthening the web-based and E-resource of information for students, teachers and research scholars and moving towards E-administration in the university. – Implemented.

Construction of hostel for north eastern states students in the University campus. – It is in progress.

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

I. Title of the Practice

Unique assessment tool for evaluating colleges for affiliation.

1. **Objectives of the Practice :** To bring objective assessment for evaluating colleges during the process of affiliation, the University has developed a unique tool. The objectives of the tool are to bring uniformity in the evaluation process for affiliation across colleges, and to give appropriate weightage for various parameters by categorizing parameters into infrastructure index, faculty index, process index, and students' performance index, to set appropriate scores for renewal of affiliation, sanction of additional courses, sanction of enhancement of intake for a course, and sanction of fresh permanent affiliation, and or renewal of permanent affiliation.
2. **The Context :** To overcome these problems in the process of affiliation, the University has introduced the new assessment tool. The evaluation of these teams has often come in for severe criticism owing to the subjective analysis of colleges. The Academic Council and the Syndicate of the University had to bring uniformity to the evaluation of the LIC.

3. **The Practice** : The assessment tool is unique to Karnataka. No other University in Karnataka has implemented this tool. The tool was developed in house by considering the model being used by the AICTE; certain modifications have been incorporated to suit the requirements of the Karnataka state Universities Act, 2000, the various statutes, and the local requirements of the State.

The weightages allotted are as follows:

No	Parameter	Weightage assigned (%)
1	Infrastructure index	30
2	Faculty index	40
3	Process index	15
4	Student performance index	15
Total		100

Minimum score required under different category of assessment:

- Renewal of affiliation - 40%
- Enhancement of intake - 45%
- Sanction of additional Course -50%
- Fresh Permanent affiliation -60%
- Renewal of Permanent affiliation -65%

4. Evidence of Success

The procedure has brought in laudable transparency and acceptability among stakeholder colleges. It is also a tool for self evaluation for comparison has reduced decent and criticism. Principals of the Affiliated Colleges at their meetings have appreciated the introduction of the tool for the process of Affiliation. They are of the opinion that through this tool, uniformity has been achieved in evaluation, and the colleges would be able to identify their weakness, and adopt corrective measures to get better scores in the process of Affiliation.

5. Problems Encountered and Resources Required

The Affiliation process, because of the model, is more objective, than subjective. The evaluation process considers many parameters, and weightage sare awarded to each of those parameters. Because of the usage of many parameters for evaluation, the Evaluation Report contains many pages as compared to the previous method. The Academic Section faces challenges in making many photocopies of the evaluation report to be placed before the Academic Council, and Syndicate. But through the proposed digitization of the evaluation report, this problem would be over come.

II. Title of the Practice

Reservation of one seat for Transgenders in all the Departments of the Postgraduate Programme

1. **Objectives of the Practice** : The transgender population in India is roughly around one million, but owing to societal attitudes of discrimination, and till recently this community has been denied a life of dignity. The objective of the University was to bring Transgenders into the mainstream through higher education in particular by providing reservation in all the Departments of the Postgraduate programme of the University.

2. **The Context :** The Human Rights forum and a few Sexual Minorities Organizations have in recent years intervened in meaningful ways and have tried to bring about a difference to the quality of life of transgenders in the country. Since Bangalore University had already taken the first initiative to recognize their legitimate presence in the mainstream society by according them an appropriate space in the application form of the Postgraduate courses, a follow-up reservation scheme in the PG admissions of 2010 aimed to further the case, and make the University's commitment towards upliftment of this marginalized sector in society self-evident and appropriate.
3. **The Practice :** Accordingly, one seat under the supernumerary quota was reserved for a Transgender individual. This seat was on beyond the regular sanctioned intake for any course. Since the reservation will not be under the regular quota, this reservation does not violate Government orders.
4. **Evidence of Success :** So far no Transgender student has been admitted to the University. But there has been a lot of discussion in both print and electronic media on the issue of bringing Transgender in to the mainstream through higher education after this initiative. The Government of Karnataka has also initiated lot of development programmes for transgenders. The National Law School of India University has also changed its application form for admission to include a third gender called "Transgender".
5. **Problems Encountered and Resource Required :** No particular problem was encountered and no additional resource was needed for this initiative.

7.4 Contribution to environmental awareness / protection.

The very fact that the main Jnana Bharathi campus, being situated in a green campus of natural wilderness, provides added thrust to the environmental consciousness in all the activities of the University.

Seminars/workshops on environmental issues were conducted at national and international level for the researchers and students. Training the trainers program on environmental management was regularly conducted. Awareness campaign and Celebration of Ozone Observation day (Sep 16), Earth hour Day (March 29th), World Biodiversity Day (May 22)etc. were conducted. The other important environment-related events conducted are/were:

- ❖ 'Environment & public health' – an orientation program is conducted for teachers in colleges regularly.
- ❖ '*Eco Deepavali*' another eco-sensitizing Program for public to spread the awareness as to how chemicals and poisonous gases produced by fire-works/cracker bursting would affect atmosphere and other surroundings.

7.5 Whether environmental audit was conducted? Yes No

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

SWOC Analysis

S – STRENGTHS	W - WEAKNESSES
<ol style="list-style-type: none"> 1. Location and brand image of Bangalore and BU. 2. Wide network of 606 educational institutions for dissemination. 3. Credibility and legacy established over 50 years of meaningful existence. 4. Time-tested and diversified academic and research architecture. 5. Adequate physical infrastructure. 6. The cumulative h-index as per Web of Science is 54 and Scopus 61. 7. Two patents have been awarded and 102 applied for award. 8. Performance on access, equity and inclusiveness to include social good dimensions. 9. Contribution to educational, literary, cultural, scientific, economic, and civic life of the society of Bangalore, since five decades. 10. Introduction of CBCS at UG and PG levels with holistic & interdisciplinary approach and innovations in UG courses restructuring. 	<ol style="list-style-type: none"> 1. Freeze on recruitment for a long time - Unfilled vacancies of teaching and non-teaching staff. 2. Dependence on state Government for funding. 3. Inadequate emphasis on skill development and employability dimensions of students 4. Limited efforts put in so far for internal resource generation 5. Need to strengthen the academic and administrative relationship between the university and its other centres, as well as affiliated colleges.
O – OPPORTUNITIES	C – CHALLENGES
<ol style="list-style-type: none"> 1. Collaboration and partnership with national and international institutes and industries. 2. Harnessing this availability of wide talent pool to collaborate with the university in both academics and research. 3. Potential for expansion and diversity of educational institutions 4. Potential to reach out to distinguished alumni in various walks of life by networking with them and connecting them better with the university. 5. The demographics of youth in the relevant age group provide a window of opportunity not only for education but also for continuing education. 6. Availability of technological products/solutions and accompanying talent of human resources 7. Leveraging to locational advantage to mobilize resources and increase funding for innovation and creativity. 	<ol style="list-style-type: none"> 1. To match up to the competition from deemed to be and private universities and other autonomous institutions 2. To match the pace of changes and aspirations of youth. 3. To augment the resources as the State Govt. Block Grant support is inadequate. 4. Attracting foreign students to the different academic programs including research degrees.

8. Plans of institution for next year:

1. Introducing the School concept in PG Programs.
2. Rationalizing CBCS system at UG & PG levels.
3. Introducing more Vocational Courses.
4. Nurturing cross-disciplinary Research.
5. Introducing Golden- Jubilee year Award.
6. Strengthening of the Placement Cell.

Prof. B. C. Prabhakar
Signature of the Director, IQAC

Prof. B. Thimme Gowda
Signature of the Chairperson, IQAC