

# ACADEMIC YEAR 2013-14

## Criterion – I

### I. 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	36		2	3
PG	40		3	4
UG	01			
PG Diploma	02			
Advanced Diploma				
Diploma				
Certificate				
Others				
<b>Total</b>	81		5	6
Interdisciplinary	2			2
Innovative	2			2

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

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	40 PG Programme (CBCS)
Trimester	
Annual	PG Diploma 2

1.3 Feedback from stakeholders\* Alumni  Parents  Employers  Students   
(On all aspects)

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

*\*Please provide an analysis of the feedback in the Annexure*

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

All departments revise their syllabi at least once in three years through a well-established mechanism. Through such periodic revision new and innovative aspects of the discipline are incorporated and the requirements of the concerned field are met. During the academic year several departments have revised the syllabi

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

- Nil-

## Criterion – II

### 2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors
105	37	25	43

2.2 No. of permanent faculty with Ph.D.

112

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
37	9	25	3	43	9			105	21

2.4 No. of Guest and Visiting faculty and Temporary faculty

129	09	
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2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	78	150	79
Presented papers	61	129	102
Resource Persons	19	55	69

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

The faculty members are adopting new teaching methods such as group discussions, classroom seminars, providing assignment on different topics, power point presentations, etc besides the lecture method to impart quality education.

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

210

i) 2.8 Measures taken with Regard to Under Graduate Courses:

- Web Based College / Student Support System (Less Paper Online Services Online Admission and Student Information System (OASIS))
- Colleges update student related information along with subject details and student's photo. The same photo will be used for the Marks Card and Degree Certificate.

- System generates unique Student ID across the degrees as well as Register Number within the degree.
- ii) Barcoded Answer Book:
- Multiple bar codes for different valuation as well as student identification.
  - Answer book has multiple security features including holograms which are unique to Kuvempu University.
- iii) Standardisation of Secured Documents:
- Introduced multiple Bar-coded answer books.
  - Elimination of additional answer book.
  - Standardised other documents required in conducting of examination.
- iv) Introduction of Unique Numeric Question Paper Codes:
- Five-digit unique numeric Question Paper Codes for every theory question paper.
  - Question Paper **Code** is printed in Hall Ticket as well as in Time-table. Helps student to know the precise date of his / her examination especially when there are multiple schemes within the degree.
  - Question Paper **Codes** is printed in question paper. Preparation of Question Paper indent, printing, packing, despatching and distributing of Question Paper on the day of examination are all based on Question Paper Code.
  - Students will be able to answer for correct Question Paper by matching the Question Paper code printed in hall ticket and question paper.
  - After valuation, the marks sheet as well as answer book packets are identified by unique number which can be tracked only with the help of computer. Also, it saves nearly 75% of storage space.
  - Every examiner has been identified by unique teacher id. With this, it will be possible to know the number of scripts valued by examiners on a day to day basis.
- v) Marks card with student's photograph:
- Kuvempu University introduced marks card with student's photo along with all other security features like:
- Hot pasted hologram,
  - Watermark,
  - Invisible logo,
  - Micro-line printing,
  - Invisible ink and
  - Blind embossed watermark.
- vi) Degree Certificate (PET Polyethylene Terephthalate) with Student's Photograph:

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

115	25	23
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2.10 Average percentage of attendance of students

90
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2.11 Course/Programme wise distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
PG (Only fourth Sem students)	1166	20	65	15		98.7
PHD	1 84					
M.Phil	16					

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

Evaluation feedback is received from students every year especially from the outgoing students. The IQAC cell of the university prepares the questionnaire and evaluates them by inviting experts from other universities. The outcome of this process is shared with the individual teacher to improve the existing teaching methodology and to innovate better teaching practices

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	08
UGC – Faculty Improvement Programme	06
HRD programmes	
Orientation programmes	09
Faculty exchange programme	02
Staff training conducted by the university	01
Staff training conducted by other institutions	05
Summer / Winter schools, Workshops, etc.	11
Others	01

## 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	323	239	09	Nil
Technical Staff	08	20	Nil	Nil

## Criterion – III

### 3. Research, Consultancy and Extension

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

- The IQAC section of the university recommends the Best Department Award for overall research and academic performance. These awards are given every year.
- The meritorious performances are given due weightage at the time of Career Advancement and are also considered for nomination for awards, specially appointed committees, organizing research events etc.
- IQAC section also encourages faculty to undertake consultancy with industries and other extramural agencies and extend their services to socially useful enterprises.

#### 3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	09	18	02	06
Outlay in Rs. Lakhs	41,07,300/-	2,29,00,362/-		

#### 3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	07	03		
Outlay in Rs. Lakhs	5.5	45,000/-		

#### 3.4 Details on research publications

	International	National	Others
Peer Review Journals	458	157	08
Non-Peer Review Journals	22	26	23
e-Journals	50	40	08
Conference proceedings	40	99	19

#### 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

2013-14					
Science Faculty					
01	Dr. Y. Arthoba Naik. Dept. of Chemistry	"Generation of dyesensitized transition metal doped semiconducting nanoparticles for efficient solar energy harvesting (A Low-Cost Method)"	2 years	DST (SERB)	12,00,00000
02	Dr.K.M.Mahadevan, Dept of Chemistry Kadur.	"Synthesis of Coumarin Dyes with Different Acceptors and Spacers for Generating Novel Organic Dye-Sensitized Solar Cells"	2 years	DST (SERB)	12,00,000-00
03	Dr.Manjunatha.H. Dept of Biotechnology,	"Molecular mechanisms of combined inhibitory effects of dietary curcumin and capsaicin on endotoxin induced inflammation"	2 years	DST (SERB)	12,00,000-00
04	Dr.B. Thippeswamy, Dept of Microbiology,	"Reclamation of heavy metal polluted and drought soil using Arbuscular mycorrhizal (AMF) Fungi as Biofertilizer by molecular approaches"	1 years	DST (SERB)	6,00,000-00 Completed
05	Dr. N.B. Thippeswamy, Dept of Microbiology,	"Dynamics of neurotoxic and immunotoxic stress signals induced by scorpion venom and their impact on enhancing immunological memory response"	1 years	DST (SERB)	6,00,000-00 Completed
06	Dr.M. Krishnappa. Dept of Applied Botany,	"Macrofungal assemblages in Kodagu and Hassan districts of Western Ghats, India-Climate change impacts, diversity, phenology, ecology and their implications in a conversion perspective"	2 years	DST (SERB)	12,00,000-00
07	Dr.Raja Naik, Dept of Applied Botany,	Reclamation of heavy metal polluted and drought soil using Arbuscular mycorrhizal (AMF) Fungi as Biofertilizer by molecular approaches"	2 years	DST (SERB)	12,00,000-00

08	Dr.V.Krishna, Dept of Biotechnology,	“Ex-situ conservation, mass production of phytochemicals from the In vitro cultured cell lines and evaluation of antiarthrititis activity of <i>Delonix elata</i> (L) Gamble”	1 years	DST (SERB)	6,00,000-00

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

ii) 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	4	11	04	02	
Sponsoring agencies				KU	

3.12 No. of faculty served as experts, chairpersons or resource persons - 77

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 1524824881/-

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	
	Granted	
International	Applied	
	Granted	
Commercialised	Applied	
	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
		09	1			

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

101

356

3.19 No. of Ph.D. awarded by faculty from the Institution 121

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

JRF 31    SRF 10    Project Fellows 18    Any other 04

3.21 No. of students Participated in NSS events:

University level 14    State level 01

National level     International level

3.22 No. of students participated in NCC events:

University level     State level 64

National level 18    International level

3.23 No. of Awards won in NSS:

University level 1    State level

National level     International level



3.24 No. of Awards won in NCC:

University level  State level   
 National level  International level

3.25 No. of Extension activities organized

University forum  College forum   
 NCC  NSS  Any other

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

Responsibility :

- National Seminar on ‘Assimilating Recent Developments of ICT in Education’ held on 8th and 9th October 2010
- Series lecture on “Educational Statistics” on 21st to 24th February 2011 at P.G. Department of Education, Kuvempu University, Shankaraghatta, Karnataka. India

## 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	64 acres			
Class rooms	57		University	57
Laboratories	40		University,UGC,DST,FIST,SAP	40
Seminar Halls	12		University	12
No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year.	7		K-FIST	1
Value of the equipment purchased during the year (Rs. in Lakhs)	20.16			4.5
Others				02

#### 4.2 Computerization of administration and library

Library has fully automated the activities of acquisition, technical processing, circulation, serials control and OPAC. Library has adopted technology in providing services to its users. Library receives and answers the users reference queries through e-mail. The referral service is being provided by directing the users to appropriate resources, institutions, persons, etc., when information resource in demand is not available with Library's collection. Library has made provision for alerting services. Newspapers in print version are searched for identification of news items regarding universities and scanned for taking electronic copy. Such news items are distributed through e-mail to the selected officials of the University. Bibliographic service through electronic mode is being provided to the users on request. Document delivery service is being extended under the UGC-Infonet programme. Reprographic services such as computer print-out and Xerox are being provided at minimum cost.

#### 4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	5761	19,96,786/-	799	7,14,604/-	6,560	27,11,390/-
Reference Books	2633	5,96,507/-	180	3,47,246/-	2813	8,43,753/-
e-Books	100				100	
Journals	22	63,967/-	2	2,000/-	24	65,967/-
e-Journals	85				85	
Digital Database						
CD & Video	60				60	
Others (specify)	168	42,000/-			168	42,000/-

#### 4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	213	21	49	01		20	36	06
Added	21	09	05				02	
Total	234	30	54	01		20	38	06

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

Net working
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4.6 Amount spent on maintenance in lakhs :

i) ICT

ii) Campus Infrastructure and facilities

iii) Equipments	20.16
iv) Others	49.69
<b>Total :</b>	900.8

## Criterion – V

### 5. Student Support and Progression

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

##### types of support services are available for

- **Overseas students**

The Director, International Students Cell of the University and members of the faculty concerned ensure the safety and security of overseas students in the campus, their visa requirements and such issues, their accommodation and boarding and provide information on academic matters, norms of the University, and Indian culture and traditions. The International Students Cell supports the activities of overseas students.

- **Physically challenged / Especially abled students**

Administrative block has ramps and lifts for differently-abled students, efforts are underway to make all academic buildings accessible and friendly for these students in a phased manner. Resident students are housed in the ground floor and wherever possible, classes are also held in the ground floor. Special quota as per government norms is followed in the process of admission. The University makes special efforts to provide scholarships to support these students.

- **SC/ST, OBC and economically weaker sections**

SC/ST/OBC and economically weaker sections students are supported through the state government welfare schemes. The respective cells spread awareness about the various welfare schemes of the government. In addition, the economically weaker sections also provides free access to books and training in computers. National Eligibility Test (NET) coaching classes are organized for SC/ST students. Remedial coaching classes are conducted after class hours to improve academic performance.

##### Students participating in various competitions/conferences in India and abroad

Students, participating in various competitions at national level are sponsored by the University. Students attending conferences are partially supported with financial assistance.

- **Health centre, health insurance etc.**

The University has a well-equipped Health Centre with male and female physicians who are assisted by the necessary staff. Only general consultancy and first aid services are provided. The health centre has the preliminary diagnostic facilities and on-line ECG with medical advice of Narayana Hrudayalaya. Ambulance facilities are also available at the center.

- **Skill development (spoken English, computer literacy, etc.)**

According to CBCS regulations all PG students of the University are required to obtain one credit each in a) English for communication b) Computer applications c) Life skills (personality development). The University provides all facilities for training in these skills through the language laboratory, the PMEB and Computer Science Department.

- **Performance enhancement for slow learners**

Each department provides opportunities for improvement by conducting special tests and providing remedial teaching.

- **Exposure of students to other institutions of higher learning/ corporate /business houses, etc.**

The students are taken on educational tours to visit institutions of higher learning, various central and state research institutes, and industries located in the various parts of the country. They are also encouraged to undertake summer and winter training programmes, internship, and research projects in research institutions and in corporate/business houses as part of the curriculum.

- **Publication of student magazines**

Though the University does not bring out a student magazine, many departments such as Kannada and English bring out wall magazine.

- **Career Counselling Cell (UGC Supported)**

In order to cater to the growing demands of the students in seeking better career options and support/training for competitive exams like NET /KSET/IAS/KAS etc. The university has set up a Career Counselling cell during 2012 with the support of UGC. Since 2012, the cell has conducted several training programmes for competitive exams and personality development programmes. Spoken English training classes are also being conducted for the rural student community.

## 5.2 Efforts made by the institution for tracking the progression

The University receives information about student progression from the alumni Associations. Information is also available at individual departments about students of the university taking up research at the department. Information, though not comprehensive is also available about the placements of the students in most departments.

### 5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
	1831	458	104

### (b) No. of students outside the state

04
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### (c) No. of international students

08
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Men	No	%	Women	No	%
	761	31.80		1632	68.19

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
296	17 2	64	596	1	1129	290	226	89	620		1225

Demand ratio 1:2      Dropout % - 2.50

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

Coaching classes are conducted by university from time to time

No. of students beneficiaries

376

#### 5.5 No. of students qualified in these examinations

NET	17	SET/SLET	31	GATE	04	CAT	
IAS/IPS etc		State PSC		UPSC		Others	23

#### 5.6 Details of student counselling and career guidance

- The Alumni Associations function to promote a close network for bridging the gap between students and the proficient alumni.
- Conducting career guidance
- Conducting group discussions
- Giving special lectures
- Assisting in industrial visits motivating students by giving prizes to the outstanding students
  - Conduct of annual general body meeting and reunion meets of different batch of students.

No. of students benefitted

475

#### 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
6	99	24	148

## 5.8 Details of gender sensitization programmes

Prevention of Sexual Harassment & Grievance Redressal Committee” has been constituted in the University. It functions to both prevent and exercise remedial action against sexual harassment. Both the teaching as well as non-teaching staff have been sensitized with respect to gender related issues during meetings by the administration. Awareness has been created about the Guidelines issued by the Supreme Court of India and the UGC guidelines and suitable mechanism is in place to deal with any complaints.

### Women’s Resource Center:

Women’s Resource Centre is an initiative of Kuvempu University established in 2012 to cater to the growing demands of large number of women students and employees for gender equity. On 17<sup>th</sup> April 2012, Ms. C.

Manjula, Chairperson of State Women’s Commission, Bangalore, inaugurated the Women’s Resource Centre. The women Resource center is committed towards the development and empowerment of women on the Campus. Through the initiative of the University, the Women’s Resource Centre to reach out to women, to inspire, to dedicate and to work towards uplifting the community of women. The Centre works towards creating awareness and gender sensitivity.

### The objectives of the centre are:

- To educate and empower women
- To create awareness
- To increase opportunities
- To work towards gender equity

Since its inception, several seminars, workshops are being organized from the Centre for gender sensitization, women empowerment and for the overall welfare of women. The remedial measures include counselling, enquiry, and disciplinary action when found necessary.

## 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
Financial support from institution	42	46,000/-
Financial support from government	04	
Financial support from other sources	33	1,04,600/-
Number of students who received International/ National recognitions		

#### 5.11 Student organised / initiatives

Fairs : State/ University level  National level  International level

Exhibition: State/ University level  National level  International level

5.12 No. of social initiatives undertaken by the students

#### 5.13 Major grievances of students (if any) redressed:

**A students Council constituting of elected students representatives has been formed in the department. This council is actively involved in organizing several curricular and co-curricular activities. It acts as a platform to expose the hidden talents of the students.**

## **Criterion – VI**

### **6. Governance, Leadership and Management**

#### 6.1 State the Vision and Mission of the institution

##### **VISION:**

- Strive to become an international centre of excellence in teaching and research
- provide high quality value-based education through various modes
- ensuring equal opportunity for everyone to meet the global challenges with competitiveness.

##### b) **MISSION:**

- creativity in teaching, learning and research
- provide access to education for all to meet the societal needs.

##### c) **OBJECTIVES:**

- Create a center of excellence in teaching and research.
- Provide quality, value based higher education to all and develop skilled human resources.
- Commitment to equity and social justice.

## 6.2 Does the Institution has a management Information System

### 6.3.1 Curriculum Development

The University follows a need based approach to syllabus construction depending mainly on the current trends, feedback from the industry and alumni and finally systematic review of the curriculum.

The following data are collected and reviewed:

- Feedback from employers
- Curriculum models from national bodies
- Assessment of regional needs
- Curriculum development involving all the stake holders, especially the industries, academic experts and students ensuring relevance and current needs.
- Societal and Industrial projections.
- Evaluation through experts
- Approval of curriculum by Board of Studies, Faculties, Academic Council and Syndicate
- Periodic review - annually at the meetings of Boards of Studies. Total review/revision of syllabus once in 3 years.

All Post Graduate Departments of Studies review the syllabi periodically at the meeting of the board of studies in the concerned subject. As a matter of convention the syllabi are revised at least once in three years. In addition, minor modifications are made whenever required. Many of the PG Departments have been pioneers in introducing innovative courses of study. The IQAC methodically collects feedback from students on the syllabus and the suggestions are incorporated.

### 6.3.2 Teaching and Learning

- **Academic Calendar**

The Heads of the Departments and the university administrators including Vice-chancellor, Registrar, Registrar (Evaluation) prepare the academic calendar every year for both odd and even semesters at the special meeting of the PG council. This is later approved by the academic council. On the basis of this academic calendar each Department prepares the plan for the teaching and evaluation activities. The Departmental council prepares the timetable, the schedule of tutorial classes allocation of teaching work, schedule of practical and project work. These schedules are notified on the notice board of the Department.



- **Teaching Plan**

In keeping with the time table and the schedules approved by the departmental council the faculty offering different courses prepare weekly lesson plans and maintain a record of the weekly schedules to ensure a smooth coverage of the syllabi. The course plan in practical courses is more flexible to suit changing needs. The faculty also plan the use of audio visual material for the classes. In some departments such as MBA, MSW, Journalism, Applied Geology etc., schedules are prepared for inplant training and field work.

### **6.3.3 Examination and Evaluation**

- **Evaluation**

The evaluation sequence comprises of continuous assessment and evaluation of end of the term examinations. Two mid-semester tests, assignments and seminars constitute the continuous assessment. The endsemester exam forms the final assessment, the aggregate of both serve to evaluate a student in a particular programme. Out of the total marks of 100 for each course, 25 marks shall be earmarked for Continuous Assessment (Internal Assessment) and the remaining 75 marks for the semester-end examination. The Project Report is evaluated for 75 marks and the Viva-Voce examination shall be conducted by the Board of Examiners for the remaining 25 marks.

In the case of elective courses, each elective course shall carry a maximum of 50 marks comprising of 40 marks for semester-end examination and 10 marks for internal assessment. Internal Assessment marks shall be awarded to the students based on a test (5 marks), assignment-cum-group discussion (2.5 marks), and regularity of the students in attending the classes.

For any student who could not attend any of the session tests due to medical reason or due to extra-ordinary circumstances, a separate test shall be conducted before the end of semester by the course teacher under intimation to the chairperson of the department,

For the purpose of uniformity, first session test shall be conducted during 9th week of the semester for the syllabi covered till then. And the second session test shall be conducted during the 16th week of the semester for the entire syllabi.

The marks obtained in the tests shall be displayed on the notice board of the Department. The tests and assignments for each course shall be written in a separate book and after evaluation, the same should be shown to students.

#### **6.3.4 Research and Development**

The Kuvempu University with its diverse subjects of study and teachers with wide ranging specializations, Kuvempu University provides an ideal ambience for interdisciplinary research. The interdisciplinary nature of some of the programmes offered by different departments spawns research activities even at the PG level. Seminars, symposia, workshops and conferences are organized by every department to foster and promote research initiatives across disciplines

### 6.3.5 Library, ICT and physical infrastructure / instrumentation

Kuvempu University has been regularly upgrading its physical infrastructure with financial assistance from UGC, State Government and many other funding agencies. The infrastructure was improved considerably during the UGC XI Plan period. Many departments have been equipped with research and computer labs. The classrooms have been developed with necessary ICT enabled tools. Based on the requirement of each department the annual budget is prepared and steps are taken to equip the departments with the facilities required. The University ensures that all the physical facilities and resources are maintained well and shared with the sister departments. The major equipment is maintained by entering into an Annual Maintenance Contract. Common infrastructural facilities like seminar halls are shared.

Library has fully automated the activities of acquisition, technical processing, circulation, serials control and OPAC. Library has adopted technology in providing services to its users. Library receives and answers the users reference queries through e-mail. The referral service is being provided by directing the users to appropriate resources, institutions, persons, etc., when information resource in demand is not available with Library's collection. Library has made provision for alerting services. Newspapers in print version are searched for identification of news items regarding universities and scanned for taking electronic copy. Such news items are distributed through e-mail to the selected officials of the University. Bibliographic service through electronic mode is being provided to the users on request. Document delivery service is being extended under the UGCInfonet programme. Reprographic services such as computer print-out and Xerox are being provided at minimum cost.

### 6.3.6 Human Resource Management

University employee salary is being done through HRMS software provided by e-Governance, Government of Karnataka.

To enhance the professional development of teaching staff, the university encourages the staff to attend and conduct orientation programmes, refresher courses, summer and winter schools, workshops, inservice training programmes, seminars, conferences, and symposia. Teachers who have PG degrees are encouraged to do higher degrees including Ph.D. Study leave is sanctioned to them to complete their doctoral programme. The university constantly motivates faculty to apply for extramural grants for research. For non-teaching staff members, the university conducts training programmes.

### 6.3.7 Faculty and Staff recruitment

The faculty members are appointed as per the norms prescribed by the UGC / State Government. The university frames statutes for various departments and there by creates justification for teaching posts. In the statutes specific requirements in emerging and specialized areas are mentioned. When the government duly approves the statutes and sanctions teaching posts recruitments are made. However,

as the procedure is long and elaborate, teachers are encouraged to obtain special training in the new areas in order to do justice to innovative courses.

#### 6.3.8 Industry Interaction / Collaboration

The Industry Institute Interaction fosters academy-industry interaction. The academic standing of the faculty attracts clients to seek consultancy. The University website showcases the expertise of the faculty members. The following departments are on demand for consultancy services from reputed agencies: Biochemistry & Biotechnology, Botany, Business Administration, Chemistry, and Geology.

The University's collaboration with Ghent University, Belgium has made it possible to organize diverse programme such as research methodology workshop, international conferences and seminars. Its collaboration with national agencies such as central Sahitya Akademi, Central Institute of Indian Languages, National Translation Mission, Indian Chemical Society, ICHR, has helped the University to create a dynamic environment on the campus.

#### 6.3.9 Admission of Students

Admission to PG Courses are guided by rules and regulations framed by the University. An entrance test is conducted by the University for Admissions to MSW, M.Sc. Library and Information Science, M.A. in Journalism & Mass Communications.

As per the academic calendar, every year the university notifies all relevant information regarding admissions to various Post Graduate and Post Graduate Diploma courses in its admission notification. The notification is widely publicised through publication in leading newspapers. It is also prominently uploaded on the University website. The All India Radio also broadcasts the announcements regarding University admissions. A detailed prospectus containing all necessary information is made available at many centres throughout the University jurisdiction area. This ensures publicity for the University admissions.

The university has evolved a dependable mechanism for admissions which ensures total transparency throughout the admission process.

- The prospectus provides details about the course, admission procedure, reservation policy, fee structure as well as detailed instructions to candidates. This ensures that no candidate is deprived of getting admission if he is eligible.
- After receiving admission applications, the admission committee of each Department headed by the Chairman and comprising the faculty, duly constituted by the university scrutinizes all applications according to the admission regulations of the university. It prepares a consolidated list of all applications containing all details as provided by the candidates. This list along with a provisional select list and waiting list is notified on the notice board of each department. Simultaneously these lists are also uploaded on the University website.

- Candidates are advised to see the list and attend the admission counselling on the dates mentioned.
- Candidates shall personally appear for the admission with the originals of all documents and certificates, prescribed fees and photographs. The documents will not be returned until the completion of the course. As all candidates are allowed to present throughout the admission procedure, the entire admission process is totally transparent.

#### 6.4 Welfare schemes for

Teaching	<ul style="list-style-type: none"> <li>• The university has University employees' cooperative society, staff club, university staff welfare association and residential staff quarters.</li> <li>• The university also offers fee concession for wards of employees to pursue their education.</li> <li>• One seat in every Post Graduate Department is reserved for the children of University employees in the merit cum payment category.</li> <li>• There is a well-equipped health centre on the campus.</li> <li>• There is also a school for the children of the employees.</li> <li>• Medical assistance is offered to all the staff members in the University.</li> </ul>
Non teaching	
Students	SC/ST/OBC and economically weaker sections students are supported through the state government welfare schemes. The respective cells spread awareness about the various welfare schemes of the government. In addition, the economically weaker sections are also provided free access to books and training in computers. National Eligibility Test (NET) coaching classes are organized for SC/ST students. Remedial coaching classes are conducted after class hours to improve academic performance.

6.5 Total corpus fund generated : 1055.23 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	no		Y	Y
Administrative	no		Y	Y

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

For UG Programmes      Yes  No

For PG Programmes      Yes  No

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

Several examination reforms have been planned including scope for revaluation of answer scripts, preparation of question banks, and online examination and evaluation.

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

The university has framed and obtained approval for statute and regulation to grant autonomy to colleges under its jurisdiction. The detailed requirements as well as the procedure for applying for autonomy are available at the (College development cell (CDC). In addition, at the meetings of the college principals, principals are informed about autonomy. The university has a well laid procedure for assessing colleges which apply for autonomy.

6.11 Activities and support from the Alumni Association

The individual departments in the university have Alumni Associations. The alumni associations contribute to the development of the university.

- The Alumni Associations function to promote a close network for bridging the gap between students and the proficient alumni.
- Conducting career guidance
- Conducting group discussions
- Giving special lectures
- Assisting in industrial visits motivating students by giving prizes to the outstanding students
- Conduct of annual general body meeting and reunion meets of different batch of students.

6.12 Activities and support from the Parent – Teacher Association

Problems related to the attendance and progress will be discussed and the students will be counselled.

6.13 Development programmes for support staff

All the faculty members have undergone orientation programme and two members have undergone refresher courses. All the faculty members are participating in the seminars and Conferences, workshops organized by various institutes and universities.

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

### a) Energy conservation

As a multi faculty university with 44 departments, Kuvempu University requires a lot of energy to operate. With high energy bills, climbing energy rates, and a strong commitment to the preservation of environment, the university is using an array of strategies to lessen campus energy consumption and generate its own energy. The following initiatives have been taken:

- Photovoltaic solar array was installed on the roof of the Administrative Building that will provide electricity to the buildings
- Solar water heaters installed in all the hostels and guest houses providing 80% hot waters to the buildings
- Eco friendly power generators are installed in the campus as a backup power supply.

### b) Use of renewable energy

A hybrid wind/solar energy generator of 15 kv has been installed in the campus to meet the energy requirements.

### c) Water harvesting

Though there is sufficient supply of water from the adjacent Bhadra reservoir situated about a km away from the campus, the university has constructed roof top water harvesting structures for all its newly constructed buildings. As many of the buildings are under construction, it is planned that all proposed activities for rain water harvesting are integrated.

### d) Check dam construction

Check dams and artificial ponds have been constructed within the campus to tap the water resources and to recharge the ground water

### e) Plantation

The University is located at the foot hills of Bhadra wild life sanctuary. The eroded deforested localities of the campus have been transplanted with endemic locally flourishing plant species. Based on the poetic descriptions of plants in the epic works of Pampa, the tenth century Kannada poet a garden namely Pampavana has been created on the campus in which the plant species referred to in Kannada literature are planted and maintained. The university has the tradition of planting medicinally valuable plants. This is done by the eminent scholars/personalities who visit the University in the garden named as Smrithi Vana.

The area around the buildings of the campus is covered with flowering plants, shade and fruit bearing trees and energy plantations. The tree species such as *Pongamia pinnata* (Honge or Karanja), *Azhardicta indica* (Neem), *Terminalia bellarica* (Taare) *Terminalia catapoa* (Kaadu badami) *Simarouba glauca* (Lakshmi Taru), *Madhuca indica* (Mahua) *Atrocarpus hetarophyllus* (jack fruit) *Sapindus laurifolius* (Soap nut) are planted along the road to enrich the biodiversity. In addition, the native flora of the campus is well preserved.

### g) Hazardous waste management

Many hazardous chemicals used in laboratories such as Ethidium bromide are placed in separate kit and disposed carefully.

### h) e-waste management

The computer and other e-wastes are collected by the estate department and disposed as per the norms of e-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.

**Solar energy:** Solar Photovoltaic Applications: 1.1) Solar building lighting systems:

Solar building lighting system provides un-interrupted light and is completely noiseless, smoke-free and free from fire hazards. This independent lighting system may consist of Compact Fluorescent Lamps (CFL) / Light Emitting Diodes (LED) fixtures with appropriate capacity of a storage battery powered by the SPV Modules. These solar building lighting systems can be placed in the campus at façade, roof tops and car parking. These systems can be modelled as building-integrated photovoltaic (BIPV) electric power systems which are not only produce electricity; they are also part of the building. This will maximize energy efficiency within the building's energy demand or load.

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

Kuvempu University has also been restructuring its financial management in the present era of privatisation. It has introduced academic programmes which are fully or partly self-financing, thus augmenting the internal resources of the University. Salaries of the guest faculty and the permanent faculty recruited recently are paid from the University's internal resources. Building and infrastructure facilities have also been created with the major share from internal resources. Sound and judicious financial management has helped Kuvempu University in balancing growth and resources.

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

1. Rationalization of Examination and Evaluation procedure. (*annexure 1*)
2. e-Governance in Administration and Academics (*annexure 2*)

7.4 Contribution to environmental awareness / protection

As the University is uniquely located in a forest area and a hotspot of biodiversity, it has to conduct a green audit regularly. It also has the responsibility of planning its development

without causing any damage to the environment. The 330 odd acre lush green campus of Kuvempu University is located at the foot hills of Sahyadri ranges of Western Ghats somewhat like a tropical evergreen forest described as breath taking. Out of 330 acres more than 180 acres are untouched keeping in mind the standard environmental policies. Varieties of wildlife (Flora and Fauna) are preserved in the campus. The campus has lush green forests, well-crafted and maintained gardens in addition to that the ethnic style of gardens like Pampavana and Smritivana are maintained.

The University strictly follows all the regulatory requirements in terms of environmental compliance.

- Strive for clean environment by reduction of adverse impact caused by the activities of University on the impact of environment.
- Make the operations and facilities at the institution to meet the requirements applicable to environmental legislations.
- Frame objectives and targets for the prevention of pollution, reduction of waste and conservation of forest resources.
- Communicate the environment policy to all stakeholders and make it transparent.

The endangered and endemic species of medicinal plants are propagated *in-vitro* and protocol has been standardised through *ex-situ* conservation method


7.5 Whether environmental audit was conducted?

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

### 8. Plans of institution for next year

The University plans to establish the Ambetkar and Budhist Centres. It also plans to create separate building for language Department.

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## ANNEXURE

**2013-14**

### **Analysis of Feed Back**

Feed Back was collected from alumni employees and Students through.

- a) Questionnaire circulated to a selected number of respondents.
- b) Performa provided to students by IQAC

The analysis of the feedback on the major aspects is as follows.  
(The feedback has been computed in a scale with a maximum of 100 points)

- 1. Academic Aspect. (The assessment is Good with an average rating of 85%)**
    - a) Teaching (Depth, coverage etc.)
    - b) Knowledge of the Subject.
    - c) Relevance of the course
    - d) overall rating.
  - 2. Facilities provided on the campus (The assessment is Satisfactory to Good with an average rating of 75-85%)**
    - a) Class rooms
    - b) Laboratories
    - c) Library
    - d) Health centre
    - c) Canteen and Student Amenities
  - 3. Career Guidance and Placement. (The assessment is Satisfactory with average rating of 60-70%)**
  - 4. Administration (Competence, ease of office procedures etc.) (The assessment is Satisfactory to Good with an average rating of 70-80%)**
- Teaching Evaluation (The assessment is Good with an average rating of 80%)**

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## ANNEXTURE - 2

### **Action Plan of the University**


Academic year: 2013-14

The University held a series of meetings with the chairpersons of the P.G. Departments, heads of the administrative sections, officers and administrators to discuss the action plan for the academic year 2013-14. The following is the action plan highlighting the action planned in major areas. The plan is meant to be a road map and the concerned departments and sections are advised to prepare detailed plans and obtain concurrence for the estimated expenditure.

- A. It is proposed to make reforms in the examination particularly in the evaluation and result announcement
- B. Proposed to support the popular tissue culture centre for the socio economic development of the farmers of the university jurisdiction

Improve the ladies hostel facilities as per the rising demand from the girl students

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