

**KARNATAK UNIVERSITY, DHARWAD**

**INTERNAL QUALITY ASSURANCE CELL**

**The Annual Quality Assurance Report (AQAR) of the IQAC**

**(1<sup>st</sup> July 2014 to 30<sup>th</sup> June 2015)**

**Part – A**

**AQAR for the year**

2014-15

**1. Details of the Institution**

**1.1 Name of the Institution**

Karnatak University, Dharwad

**1.2 Address Line 1**

Pavate Nagar, Dharwad

**Address Line 2**

Pavate Nagar, Dharwad

**City/Town**

DHARWAD

**State**

KARNATAKA

**Pin Code**

580 003

**Institution e-mail address**

www.kud.ac.in

**Contact Nos.**

0836-2215210 (VC Office)  
0836-2215333 (IQAC Office)

**Name of the Head of the Institution:**

Prof. Pramod B. Gai

**Tel. No. with STD Code:**

0836-2215255/ 0836-2215333

**Mobile:**

**Name of the IQAC Co-ordinator:**

**Mobile:**

**IQAC e-mail address:**

**1.3 NAAC Track ID (For ex. MHCIGN 18879)**

**OR**

**1.4 NAAC Executive Committee No. & Date:**   
(For Example EC/32/A&A/143 dated 3-5-2004.  
This EC no. is available in the right corner- bottom  
of your institution's Accreditation Certificate)

**1.5 Website address:**

**Web-link of the AQAR:**

For ex. <http://www.ladykeanecollege.edu.in/AQAR2012-13.doc>

### 1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	Five Star	--	19-1-2001	5 years
2	2 <sup>nd</sup> Cycle	A	3.02	4-2-2008	5 years
3	3 <sup>rd</sup> Cycle	A	3.15	10-12-2014	5 years

**1.7 Date of Establishment of IQAC :** **DD/MM/YYYY**

**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)**

Annual Quality Assurance Report for year 2012-13 submitted on 25-12-2013. (Online submission)

### 1.9 Institutional Status

University State  Central  Deemed  Private

Affiliated College Yes  No

Constituent College Yes  No

Autonomous college of UGC Yes  No

Regulatory Agency approved Institution Yes  No

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education  Men  Women

Urban  Rural  Tribal

Financial Status Grant-in-aid  UGC 2(f)  UGC 12B

Grant-in-aid + Self Financing  (Few Courses) Totally Self-financing

### 1.10 Type of Faculty/Programme

Arts  Science  Commerce  Law  PEI (Phys Edu)

TEI (Edu)  Engineering  Health Science  Management

Others (Specify)

1.11 Name of the Affiliating University (for the Colleges)

### 1.12 Special status conferred by Central/State Govt.-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University

University with Potential for Excellence  UGC-CPE

DST Star Scheme  UGC-CE

UGC-Special Assistance Programme  DST-FIST

UGC-Innovative PG programmes  Any other (Specify)

UGC-COP Programmes

## 2. IQAC Composition and Activities

2.1 No. of Teachers	<input type="text" value="06"/>
2.2 No. of Administrative/Technical staff	<input type="text" value="08"/>
2.3 No. of students	<input type="text" value="--"/>
2.4 No. of Management representatives	<input type="text" value="01"/>
2.5 No. of Alumni	<input type="text" value="01"/>
2.6 No. of any other stakeholder and community representatives	<input type="text" value="--"/>
2.7 No. of Employers/ Industrialists	<input type="text" value="--"/>
2.8 No. of other External Experts	<input type="text" value="02"/>
2.9 Total No. of members	<input type="text" value="18"/>

### 2.10 No. of IQAC meetings held 4-7-2014 and 27-9-2014

2.11 No. of meetings with various stakeholders: No.	<input type="text" value="14"/>	Faculty	<input type="text" value="12"/>
Non-Teaching Staff	<input type="text" value="02"/>	Students	<input type="text" value="02"/>
Alumni	<input type="text" value="--"/>	Others	<input type="text" value="--"/>

2.12 Has IQAC received any funding from UGC during the year?	Yes	No
If yes, mention the amount	<input type="text" value="1,50,000/-"/>	<input checked="" type="checkbox"/>
		<input type="checkbox"/>

### 2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos.	<input type="text" value="--"/>	International	<input type="text" value="--"/>	National	<input type="text" value="--"/>	State	<input type="text" value="--"/>	Institution Level	<input type="text" value="--"/>
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(ii) Themes

## 2.14 Significant Activities and contributions made by IQAC

Students feedback has been taken and preparation for NAAC visit and Academic and Administrative Audit (AAA) 2014-15.

## 2.15 Plan of Action by IQAC/Outcome

**The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year \***

IQAC was brisk in preparing for NAAC 3<sup>rd</sup> Cycle. Self Study Report has been prepared by taking the help from faculty members of the various Departments. Meanwhile Interim Report (5-10-2014) was also prepared to cover the remaining period of accreditation. NAAC Peer team visited our University from 8<sup>th</sup> to 11<sup>th</sup> October 2014 and we received A Grade with CGPA 3.15.

**2.16 Whether the AQAR was placed in statutory body :** No

Management  Syndicate  Any other body

Provide the details of the action taken

## Part – B

### Criterion – 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	41	--	--	--
PG	48	--	11	--
UG	--	--	--	--
PG Diploma	18	--	03	--
Advanced Diploma	03	--	--	--
Diploma	04	--	--	--
Certificate	04	--	--	--
Others	--	--	--	--
<b>Total</b>	118	--	14	--

Interdisciplinary	--	--	--	--
Innovative	--	--	--	--

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

The University has been offering CBCS (Choice Based Credit System) since 2008-09 in all 48 PG Programmes. Under this system, there is a wide /range of open elective courses from which students can choose depending on their interest as well as availability of the seats in that elective course. Besides this, University has 5 year integrated course in **LLM** and **Master of Tourism Administration**.

(ii) Pattern of programmes: (Academic Section)

Pattern	Number of programmes
Semester	47
Trimester	--
Annual	01

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

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

\* Please see Annexure 1: Feedback proforma and analysis.

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

Departments have revised/updated the syllabi in tune with ongoing developments and also by keeping the need of the stakeholders.

Some of the Departments are in the process of revision. (Criminology, History, Journalism, Psychology, Kannada, English, Marathi)

Some Departments have organised workshops before revision.

Some salient features incorporated in the syllabi are as follows:

- More application oriented (Statistics)
- Depending on industrial requirement (Computer Science)
- Ph.D. course work and M.Phil. syllabus also revised in most of the Departments.
- By keeping the present demands of the society like ICT, corporate sector novel aspects have been introduced in the syllabi of Science Faculty.
- Dr. B.R. Ambedkar Studies has been introduced as one of the Open Elective Courses.

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

1. The Department of Economics has introduced P.G. course in Economics in Government First Grade College, Ankola, North Karnataka during 2014 – 2015.
2. M.A. in English program has been started in Anjuman College, Dharwad.

**Criterion – II: Teaching, Learning and Evaluation**

**2.1 Total No. of permanent faculty (PG Depts. + Constituent Colleges)**

Total	Asst. Professors	Associate Professors	Professors	Others
322	108	108	96	10

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

Male	Female
214	60

**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
11	43	01	54	--	22	--	--	12	119
01	75	--	--	--	--	--	--	01	75
12	118	01	54	--	22	-	-	13	194

**2.4 No. of Guest and Visiting faculty and Temporary faculty**

Guest Faculty	Visiting Faculty	Temporary Faculty
157	24	85

## 2.5 Faculty participation in conferences and symposia:

Faculty	International level	National level	State level
Attended Seminars/Workshops	152	242	57
Presented papers	131	267	37
As Resource Persons	22	119	36

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

- Depending on the new demands, new teaching methodology has been adopted in almost all Departments.
- PPT & audio visual aids are used
- Whenever necessary-video display of the eminent lectures have been shown in the classroom.
- Almost all the Departments have smart boards installed, LCD and OHP are being used. In majority of the Departments interactive sessions, seminars and group discussions (Micro and Macro). Field survey activities, e-learning, special lectures, video lectures, Professional skill development work shops, quiz, role plays, case studies and home assignments are extensively used. Some Departments like LIS, SW, journalism, Anthropology, Psychology are using NPTEL, computer lab manuals, web page design, electronic media. NET/SLET coaching classes for P.G. Students
- Department of Biotechnology and Microbiology has developed full-fledged laboratories. Research students have been provided with high end instrumentation for their teaching and research skills. Apart from this the Department has e- labs with e- learning resource, information and communication technology facilities.
- Consultancy service is extended to solar projects, irrigation and ground water exploration/management
- Internet facility, smart board, LCD and Departmental library facilities are provided to teachers as well as to students
- Teachers are regularly deputed to refresher course, workshops, seminars and symposia to catch up with recent advances in different fields.
- Symposia/seminars and lecture series are organized in Departments regularly.
- Students are encouraged to undertake field activities, summer camps (INSA) programmes, sports etc.
- Exhibitions on Life and Works of Gandhiji are organized in Gandhian Studies. Students are encouraged to participate in Open Discussions during the Class hours. Staff of the Department is keen to update their knowledge by using Gandhi Bhavan Library and the Internet facility
- Students are encouraged to participate in open discussions on the subject in the classes. (Swami Vivekananda Centre
- Survey of Epigraphy & collection of Antiquities, Field work and interactive methods are followed Kannada Research Institute.



### **Karnatak Science College (Constituent College)**

- Department of Geology has taken initiative in determining the ground water level so as to detect water point resources.
- Department of Botany help school teachers and students from other institutions in providing certain plant samples and helping them to place them in systematic position.
- Department of Zoology has taken initiative in providing training in practical demonstration to help pre- university lecturers from various institutions
- Department of Zoology has arranged training programme of “Honey bee keeping” and to initiate the awareness about how to increase pollination of crops & yield in agriculture.
- Department of Zoology has arranged training programme for teachers & students on **taxidermy** technique to learn & to help them in proper maintenance of museum specimen.
- Department of Zoology has conducted **Health awareness camp** on endometriosis for Degree girl students.

### **Karnatak Arts College (Constituent College)**

- Good number of teachers are using ICT in their teaching.
- Seminars are regular of feature of teaching..
- Students are encouraged to present paper on their interested topics.
- Various educative films and clippings are shown to students to enrich their knowledge.
- Students are made to visit rural areas to have practical knowledge of rural life styles.
- Students and Teachers together visit various organizations like ‘Old Age Homes’, ‘Destitute Homes’, ‘Mental Retarded Schools’, ‘Drug De-addiction Centre’, Center for Rehabilitation for Mental Patients’ and other NGOs.
- Students are encouraged to interact with renowned personalities from fields like Music, Drama, Social Work and Business etc.
- Innovative Lessons Teaching: Integrating Technology of Teaching and Models of Teaching presented by the Students.

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

Total = 120 days per semester/including Govt. Holidays

90 Teaching days per Semester

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

- Examination section has introduced bar coding system to the answer paper and OMR sheets.
- Examination has double valuation at both UG and PG valuations and also has third valuation/further evaluation system at Revaluation.
- As per the Govt. Order, providing photocopy of the answer script to the students on the request of the students by charging Rs. 2/- per page.
- Section has also introduced SAKALA scheme for providing quick service to the students.
- Digital valuation of Answer script has been implemented on a pilot basis and process for calling tender for fully digitalization of valuation work is under process.
- Introduced online process for submitting IA marks directly to the Exam Section from all the Affiliated / Constituent Colleges.

- Work process of the examination and control of the staff are being made through the CC cameras and bio-matrix installed in the Examination Section.
- Most of the correspondences with regard to seeking clarifications from Colleges/Institutions are collected through the e-mail.

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

BOS	Faculty	Curriculum
172	90	47

**2.10 Average percentage of attendance of students**

87.92%

**2.11 Course/Programme wise distribution of pass percentage :**

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
LLM IV Sem.	24	--	29.16	54.16	-	83.33
M.A. IV Sem. A.I. History & Epigraphy	9	33.33	55.55	--	--	88.89
M.A./M.Sc. IV Sem. Anthropology	--	--	--	--	--	--
M.A./M.Sc. IV Sem. Criminology & Forensic Science	15	46.66	46.66	--	--	93.33
M.A. Economics IV Sem.	155	01.29	94.83	01.93	--	98.06
M.A. English IV Sem.	200	--	55.55	34.00	--	89.55
M.A. Folklore IV Sem.	4	100.00	--	--	--	100.00
M.A. History & Archaeology IV Sem.	53	--	92.40	3.77	--	96.23
M.A. Hindi IV Sem.	25	4.00	96.00	--	--	100.00
M.A. Kannada IV Sem.	149	24.16	71.14	--	--	95.30
M.A. Linguistics IV Sem.	2	100.00	--	--	--	100.00
M.A. Marathi IV Sem.	4	75.00	25.00	--	--	100.00
M.A. Mass Communication and Journalism IV Sem.	43	--	90.69	6.97	--	97.67
M.A. Philosophy IV Sem.	8	25.00	75.00	--	--	100.00
M.A. Political Science IV Sem.	70	--	98.57	--	--	98.57
M.A. Psychology IV Sem.	18	22.23	77.77	--	--	100.00
M.A. Sanskrit IV Sem.	-	-	-	--	--	--
M.A. Sociology IV Sem.	73	5.47	94.52	--	--	100/00
M.S.W. IV Sem.	98	--	71.42	15.30	--	86.72
M.A. Urdu IV Sem.	8	50.00	50.00	--	--	100.00
MCA IV Sem.	56	32.10	67.80	--	--	100.00
M.Com. IV Sem.	560	1.96	76.78	14.46	--	93.21

M.Com.(C.S.) IV Sem.	38	--	68.40	26.30	--	94.70
MLISC IV Sem.	27	14.80	77.77	--	--	92.59
M.P.Ed. IV Sem.	37	5.40	91.89	--	--	97.30
M.Sc. Analytical Chemistry IV Sem.	--	--	--	--	--	--
M.Sc. Applied Geology IV Sem.	12	16.60	83.30	8.00	--	96.00
M.Sc. Biochemistry IV Sem.	25	4.00	84.00	8.00	--	96.00
M.Sc. Biotechnology IV Sem.	39	33.33	66.67	--	--	100.00
M.Sc. Botany IV Sem.	50	22.00	78.00	--	--	100.00
M.Sc. Physical Chemistry IV Sem.	81	14.81	80.24	2.00	--	96.30
M.Sc. Computer Science IV Sem.	112	35.71	52.67	1.70	--	90.17
M.Sc. General Chemistry IV Sem.	--	--	--	--	--	--
M.Sc. Applied Genetics IV Sem.	11	54.50	45.40	--	--	100.00
M.Sc. Geography IV Sem.	21	--	76.10	19.04	--	95.24
M.Sc. Industrial Chemistry IV Sem.	--	--	--	--	--	--
M.Sc. Mathematics IV Sem.	163	90.79	6.13	--	--	96.92
M.Sc. Microbiology IV Sem.	35	37.20	62.80	--	--	100.00
M.Sc. Physics IV Sem.	144	17.30	62.80	--	--	100.00
M.Sc. Statistics IV Sem.	39	25.60	53.80	--	--	79.49
M.Sc. Zoology IV Sem.	49	28.50	71.50	--	--	100.00
M.S.E. IV Sem.	13	15.30	69.20	7.69	--	92.31
M.Sc. Electronic Media IV Sem.	18	77.77	16.66	--	--	94.44

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

1. By taking feedback from students.
2. Every year AAA Committee visits the Departments and gives suggestions for improvement.

## 2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	174
UGC – Faculty Improvement Programme	--
HRD programmes	--
Orientation programmes	52
Faculty exchange programme	--
Staff training conducted by the university	--
Staff training conducted by other institutions	--
Summer / Winter schools, Workshops, etc.	76
Others	--

## 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	258	283	--	--
Technical Staff	39	119	--	--

## Criterion – III: Research, Consultancy and Extension

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

Planning, Monitoring and Evaluation Board is looking after research activities of the University. It also keep track of all the research activities as well as funding agencies.

The University conducts the meetings of Principals of the Colleges under the Chairpersonship of the Vice-Chancellor. The Registrar, Registrar (Evaluation) and the Director of CDC address and sensitize the Principals about the existing higher education policies of the regulatory bodies and the Governments. This endeavour reflects the administrative leadership assumed by the University for the development of the affiliated colleges. The University encourages the deserving colleges to strive to achieve the status of ‘Colleges with Potential for Excellence’.

### 3.2 Details regarding Major Projects

	Completed	Ongoing	Sanctioned	Submitted
Number	11	40	11	--
Outlay in Rs. Lakhs	82,76,100	5,86,07,499	1,73,09,579	--

### 3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	01	01	--	--
Outlay in Rs. Lakhs	1,35,000	1,35,000	--	--

### 3.4 Details on research publications (Consolidated All Depts.)

	International	National	Others
Peer Review Journals	413	270	35
Non-Peer Review Journals	31	45	16
e-Journals	24	06	--
Conference proceedings	33	44	11

### 3.5 Details on Impact factor of publications:

Department	Range	Average	h-index	Nos. in SCOPUS
Statistics	0-1	-	3	-
Geography	-	-	-	-
Chemistry	0.5-5	1	Total -231 Avg.15.46	Total -1176 Avg. – 78.40
Biotechnology and Microbiology	1-6	3	4	-
Computer Science	0.18-2.1	2	1	2
Geology	1-4	1.74	-	-
Mathematics	-	2	12	6
Biochemistry	2-3.8	2.91-4.9	4-11	1-8
Physics	-	-	-	-
Zoology	0.47-3.98	1.6-3	4-13	05
Economics	0-5	--	--	--
History and Archaeology	--	2.15	--	--
Library and Information Science	--	--	08	--
Psychology	24.43	6	6	24.14
KUPG centre, Karwar	02	08	--	--
Karnatak Science College	0.347-3.92	4.43	3-5	11
Karnatak Arts College	1.125-2	2	3-5	--

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

Nature of the Project	Period	Duration Year	Name of the funding Agency/Project/ programme	Total grant sanctioned	Received
Major Projects		2 Years	ICSSR	2,00,000	
		3 Years	BRNS	7,76,825	
		3 Years	DST-SERB	28,00,000	
		2 Years	UGC-START-UP	6,00,000	
		2 Years	UGC-START-UP	6,00,000	
		3 Years	DST-SERB	12,00,000	
		3 Years	DBT-BIRAC	38,00,000	
		3 Years	DST-SERB	49,32,000	

Minor Projects		-	-	-	
Interdisciplinary Projects/programs for Research and Developments of university	2012-2017	5 Years	UGC-UPE	50,00,00,000	
	2011-2016	5 Years	UGC-CPEPA	6,85,00,000	
Industry sponsored	--	--	--	--	--
Projects sponsored by the University/College	--	--	--	--	--
Students research Projects(other than compulsory by the University)	--	--	--	--	--
Projects /Programmes for the Development of university	2012-2017	5 Years	UGC-XII Plan	24,37,00,000	
	2014-2017	5Years	RUSA	20,00,00,000	
	2014-2017	4 Years	DST-SAIF	5,00,00,000	
Total				1077108825	

**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)

- 1) Autonomous College = KLES's P.C.Jabin Science College, Vidyanagar, Hubballi
- 2) CPE = (1) JSS Banashankari Arts, Commerce & S.K. Gubbi Science College, Dharwad  
(2) KLES's P.C. Jabin Science College, Hubballi

**3.10 Revenue generated through consultancy**

Department of Psychology generated Rs. 3700/- from clients coming for counselling

### 3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	03	11	16	6	04
Sponsoring agencies	1. Karnatak Science college & Regional Science Center Kolkata 2. UGC 3. Sahityika Shodha Samstha, Mumbai, Ayodhya Shodha Samstha and Ayodhya UP	1. UGC-UPE 2. UKERI-UPE CPEPA 3. Karnatak Science college & Regional Science Center Kolkata 4. UGC 5. Karnatak University, Dharwad & Hindi Department	1. KUD & Dept. Field Publicity 2. Govt. of Karnataka Faculty Members 3. KUD	1. University 2. DIET 3. Conference, Datti Nidhi 4. University Alumni 5. PEDAGOGY Workshop	1. College NSS Units A & B & Industrial Departments

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

158
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### 3.13 No. of collaborations

International	National	Any other
29	43	18

### 3.14 No. of linkages created during this year

09
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### 3.15 Total budget for research for current year in lakhs:

From Funding Agency	UGC	9.73
	CSIR	2.87
	BSR	19.71
	Kothari Post Doctoral Fellowship	9.0
	NET-JRF/SRF	70.00
	UGC Rajeev Gandhi Fellowship	23.00
	UGC Start up	12.00
	DST, ICSSR, DBT	338.2
From Management of University/College	--	--
	Total	484.51

**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
53	07	26	06	10	01	03

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

Male	Female
174	60

**and students registered under them**

Male	Female
449	210

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

Male	Female
80	40

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

Particulars	Male	Female
JRF	<b>43</b>	<b>14</b>
SRF	<b>08</b>	<b>07</b>
Project Fellows RFSMS, UGC-UPE, UPE -KUD, CPEPA-UGC	<b>32</b>	<b>07</b>
Any other Rajeev Gandhi Fellowship UPR-FAR II UPE, PDF	<b>230</b>	<b>107</b>

**3.21 No. of students Participated in NSS events:**

University level	--	State level	29
National level	44	International level	--



**3.22 No. of students participated in NCC events:**

University level	00	State level	00
National level	00	International level	00

**3.23 No. of Awards won in NSS:**

University level	04	State level	02
National level	01	International level	00

**3.24 No. of Awards won in NCC:**

University level	00	State level	00
National level	00	International level	00

**3.25 No. of Extension activities organized**

University forum	09	College forum	08
NCC	02	NSS	24
		Any other	24

Any Other:

- The Department of Chemistry organized number of lectures and encouraged co-curricular and sports activities of the students through Teacher- Students association known as Dalton society
- Yoga Studies conducted yoga training camps.

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

In order to make our students socially sensitive citizens, various Departments of our University organised number of extension and Institutional Social Responsibility activities through students associations/students clubs/parent teachers associations.

Some of the notable extension activities include on 13.10.2014, Gandhian Studies Department conducted a session to the students at ARC Arts and Commerce College, Davanagere on the relevance of Gandhian Philosophy in contemporary world. The Department arranged a lecture on Swatch Bharat Abhiyan-Critical Analysis on 11.12.2014 at Gandhi Peace Foundation, Dharwad. The Department conducted a field work camp at Anand Ashram-Home for the aged at Salakinakoppa Village. Students have conducted a survey on the problems of the aged persons, collected the relevant data, applied research methods and prepared a field report. Swamy Vivekananda Centre extended their service inculcating/imbibing values to students of Rastrothan School by arranging birthday celebration of Swami Vivekananda on 12-1-2015/

Women's studies Department organised a Health Awareness Camp in an Urban slum (Mehaboob Nagar) of Dharwad city during August 2014 in collaboration with District Civil Hospital, Dharwad. The awareness camp focussed on maternal mortality, anaemia, during pregnancy, neo-natal and infant mortality. PG Centre, Karwar under INCOIS Project extended their services for forecasting weather condition at sea for fisherman. Management Department

has involved in studying the problems associated with blind and orphanage by visiting orphanage homes and interacting with them. Chemistry Department has conducted a Green day by planting Saplings and organised a public rally on “SAY-NO TO PLASTICS”.

Karnatak Science College under AKKA Ladies Association conducted an extension programme for the high school children at MALENADU SHIKSHANA SAMITI HIGH SCHOOL, NIGADI village where *Awareness of Self Health, Moral Education, Food and Nutrition and Environment* was held on 2<sup>nd</sup> March 2015. Students prepared various charts related to the topic which was displayed and explained to the school students.

Karnatak Arts College conducted One Day Campus Cleaning Programme under this program plantation of saplings was undertaken by NSS volunteers.

In order to have harmony among different religious groups the “WORLD NON-VIOLENCE DAY” was observed on the occasion of mahatma Ghandhi Jayanti and Birth Anniverssary of Lal Bahaddur Shastri on 02-10-2014. On the same occasion “Sarva Dharma Prarthana” was organized.

NSS units of Karnatak Arts College in association with Field Exhibition Office, Directorate of Advertising and Visual Publicity(DRVP) Bangalore, organized 5 days “ Photo Exhibition of Swami Vivekanand from 19-11-2014 to 23-11-2014 at Alur Venkata Roa Sanskritaka Bhavan, Dharwad.

National youth day, National AIDS day, Blood Donation Camps, Blood groups checkups have been organised under NSS Units of Karnatak Arts College.

The Annual NSS Camp was Organized in the village Salakinakoppa (District Dharwad) from 20-12-2014 to 26-12-2014. Under the” Grameen Nirmalya Yojana “ 25 toilets were constructed. Every day in the evening special lectures on various subjects like, “Grameen Arogya and Nirmalya”,” Protection of Women and Society”, “Self Employment and Pasusangopane”, “General Disease of Women and their Remedy and Precautions “. Youths part in providing justice in the Development of villages” etc were arranged to bring awareness among villagers.

#### **Criterion – IV: Infrastructure and Learning Resources**

##### **4.1 Details of increase in infrastructure facilities:**

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	888	--	--	888 Acres
Class rooms	140	04	UGC	144
Laboratories	67	03	UGC	70
Seminar Halls	15	--	--	15
No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year.	16	35	--	61
Value of the equipment purchased during the year (Rs. in Lakhs)		1,20,61,821	UGC-CPEPA	1,20,61,821
		2,53,73,047	UGC-UPE	2,53,73,047
		13,99,561	UGC-XII Plan	13,99,561
Others				

## 4.2 Computerization of administration and library

A open source Software KOHA is being used on cloud computing for computerisation of Library.

### 4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	240178		133	1,63,086	240311	
Reference Books						
e-Books	428		--		428	
Journals	324		2		326	
e-Journals						
Digital Database						
CD & Video						
Others (specify)	65397		440		65837	

### 4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	923	127	Yes	--	--	47	55	11
Added	77	01					--	-
Total	1000	128				47	55	11

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

Faculty members of all the Departments participated in the following training programmes organised by the University:

- To upload class notes in University website.
- Training programme for using smart boards.
- Initiation has been taken to create institutional e-mail id for faculty members.
- Internet connectivity/facility is made available to staff and students.
- Implementation of E-governance is in the process.
- Biotechnology and Microbiology Department has e-labs, Bioinformatics Laboratory with e-learning resource, information.
- Students & Teachers are trained in software Technology (Geology)
- Department of Zoology admits students through online and purchased equipment under E-procurement.

- BSNL Broadband connection exists in University College of Education. LAN exists in the college. Internet is accessible to the Students and Staff. The students had gone through the 100 marks computer paper as a part of B.Ed Programme for the academic year 2014-15. Students apply for the scholarship through on line. Examination Form and Fees paid to the University through Online.
- In the beginning of every year Prof. S.S. Basavanal Library conducts orientation classes are conducted to the newly admitted post graduate and research scholars of all the Departments regarding how to use library resources and the various services that are offered to the users.
- Online payment of fees, Online submission of examination form, online applications.
- Online attendance have been introduced in IT Section.
- University Library has provided E-books and access of E-resources for research students.

#### 4.6 Amount spent on maintenance in lakhs :

i) ICT	NIL
ii) Campus Infrastructure and facilities	158.16 Lakhs
iii) Equipments	8.24 Lakhs
iv) Others	NIL
<b>Total :</b>	166.40 Lakhs

### Criterion – V: Student Support and Progression

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

There is a separate wing called Student Welfare Section which caters the needs of the student community. Every year IQAC is taking Students feedback on teachers and the same is consolidated and communicated to the respective faculty members. Student's feedback report will be placed in Department Council meeting for discussion to take appropriate action in this regard.

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

The University Grants Commission (UGC) has sought information with respect to the various fellowships sanctioned by UGC to bring all the candidates under Direct Benefit Transfer scheme. The said information will be provided by our university during the Interface meeting organised by UGC.

**5.3 (a) Total Number of students**

PG		Ph. D.		Diploma /Certificate Course	
Male	Female	Male	Female	Male	Female
2289	1903	245	127	317	483

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

Male	Female
34	21

**(c) No. of international students**

Male	Female
3	0

**(d) Category-wise distribution of students**

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
928	777	225	1943	47	3920	800	734	247	2035	66	3882

**e) Demand ratio**

Dropout %

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

University has a separate unit which is taking up the task of coaching students for competitive examination. Besides this, there is a Equal Opportunity Cell which caters the needs of the students by giving UGC/NET and SLET training.

In Chemistry Department Senior Research Scholars of the Department have conducted coaching for UGC-NET exam under the supervision of Faculty members for the III Sem. students. 45 students were benefited by this training.

In Karnatak Arts College, teachers in their classes give tips related to competitive examinations and try to motivate the students in this direction. The special lectures are also arranged for the students by experts from various fields. 1500 students were benefited.

**Equal Opportunity Cell:** The coaching programmes have not conducted for the said period.

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

NET	45	SET/SLET	143	GATE	04	CAT	--
IAS/IPS etc	01	State PSC	07	UPSC	02	Others	01

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

### **Student Counselling**

Student counselling and career guidance is an integral task of almost all the Departments. It is a part of the curriculum program in some Departments. For instance, the Department of Social Work regularly organizes counselling for the students before sending them for Concurrent Field Work, Summer Placement and Block placement. The members of the faculty in other Departments and constituent colleges, on their personal behalf, and as members of the team, counsel students on curricular, co-curricular, extra-curricular activities, including their personal issues, such as maintaining required attendance, coping with adverse familial or otherwise issues, managing financial concerns, time management, etc. The Department of Psychology has established a psychological counselling centre in their Department, which is open for access to students from all Departments. Minimum charges levied to students and Department generated Rs. 3700 through counselling during the academic year 2014-15.

### **Career Guidance and Placement**

The University has an exclusive cell named University Employment Information and Guidance Bureau (UEIGB), which caters to the needs of students seeking career information and guidance, by providing a variety of programmes. Some of the significant services provided by the UEIGB are, a well equipped career library, which is kept open for the students and others during office hours on all working days; conducts Personality Development and Career Counselling Workshops for UG (Constituent and Affiliated colleges) and PG students; publishing a monthly Career Review bulletin; Facilitating Placement of students from different disciplines in suitable jobs; etc. Almost all Departments act as a facilitator for teaching jobs in local colleges and encourage students to take NET, SLET, GATE and other competitive examinations. Every year Geology Department conducts campus selection in the month of March. Department of Music conducted one day special program on Opportunities after studying B-Music.

Besides, these some Departments and constituent colleges such as Chemistry, Social work, Management Studies, Karnatak Science college, Karnatak Arts College, have their Department/college level arrangements for preparing students suitably for placement and organizing Campus Interviews. Students of Department of Statistics are helped and guided by faculty members to pursue career in MNCs, take up competitive exams, take up higher education in other countries. The preparation often focuses on bringing attitudinal change, acquiring suitable skills of team work, group discussions, resume writing, facing interview, etc., so as to market ones-self suitably. University administration extends all the co-operation and support to all these activities.

Karnatak Science College has a well established mechanism for placement and career guidance. There is a Placement Cell with one Placement Officer exclusively meant for this purpose. This cell conducts several programs to help students to get ready for jobs. The Placement Cell identified the following four important areas of training.

- Attitude.
- How to market yourself.
- Team Work.
- Group Discussions.

Training programmes on Resume writing, Attitude, Team work activities and Group discussions conducted by Placement Officer for the outgoing students of BCA & B. Sc (CS) - 2014-15.

Karnatak Arts College

On Jan 29<sup>th</sup> 2015, a Seminar for B.A. VI semester students was conducted by the Vision Fly Foundation on “Career Path”. Around 150 students attended the Seminar and were benefitted. An Orientation Class for IAS/KAS/IBPS Examination was also conducted by PACE Director.

Organised program on “Film making and Photography”. Award Winning Film “TIREEVU” was screened on 20-02-2015 at the premises of the Karnatak College. There was an interaction session for the students with Director and Actors of the movie.

College Exhibition was Organised on 23<sup>rd</sup> and 24<sup>th</sup> Feb,2015 along with the Creative Response Students Forum. Mr. Ashok Oulkar and Mr. Raghunath Pawar exhibited their College works and spoke on several aspects of College and how it could be taken up as a profession.

Special Program on HEALTH was Organised by Career and Counselling Cell along with the Department of Cultural Activities Gymkhana, Dharwad on 13-10-2015. Dr.S.H.Kulkarni, Managing Director Infosys Life Science Pvt. Ltd was the Resource Person. More than 400 students and staff members attended and interacted with the Resource Person.

### 5.7 Details of campus placement

Number of Organizations Visited	<i>On campus</i>				<i>Off Campus</i>	
	Number of Students Participated		Number of Students Placed		Number of Students Placed	
	Male	Female	Male	Female	Male	Female
<b>03</b>						
Tata Consultancy, Pune	104	60	02	08	-	-
Tata Consultancy, Pune	110	80	11	08	-	-
Azim Premji Foundation, Bangalore	12	29	-	01	-	-

### 5.8 Details of gender sensitization programmes

Special Lectures for sensitizing students and members of the staff about Gender issues

The University is committed to gender parity and equality. In this connection various activities are conducted on and off the campus under the auspices of the Research Centre for Women’s Studies. For instance, a series of special lectures are organized to sensitize the PG students about various issues pertaining to gender-discrimination, deprivation, oppression,

empowerment, etc. Resource persons-proficient in this area-are invited to deliver these lectures, from within the university and outside.

Most of the PG Departments have incorporated some components on gender in their respective syllabi. The Departments and the constituent colleges also organize special lectures to sensitize students and the staff about gender issues.

Celebration of the International Women’s Day, a regular (annual) feature of the Research Centre for Women’s Studies and the constituent colleges of the university, provides a platform to disseminate information on burning issues related to gender-especially the women, wherein the invited speakers of repute deliver scholarly lectures and provoke students to think seriously about the gender issues.

**Action Programmes/Community Outreach Programmes**

The Department of Social Work, Sociology and Research Centre for Women’s Studies have organized Health Check-up Camps, and Awareness about Cervical Cancer and Detection Camp respectively, with the assistance of District Civil Hospital, local NGOs and Local Self Governments in a slum of Dharwad city and in a village during 2014-15. Department of Sociology has organised two outreach programmes; 1) Health camp for the Aged, 2) Health awareness programme for women at Belligatti and Salakinakoppa respectively in 2014.

For empowering Girl Students, the Karnatak Arts College organized a “Self Protection Training Camp” of a week’s duration involving ‘Karate’ and ‘Rifle Training’, in association with the ‘Rani Channamma-Female Police Force’, of Hubil-Dharwad Police Commissionerate. Women’s activities/social activities have been felicitated on the occasion of International Women’s day.

**Counselling Centre**

Karnatak Science College has established a Counselling Centre for the benefits of the female students. The University has a women friendly atmosphere, with adequate infrastructure facilities and services, specially meant for them.

**5.9 Students Activities**

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

State/ University level  National level  International level

**University Blue**

In 5<sup>th</sup> Zone - 168 students

In UNIFEST – 2015 - 520 students from different zones (Karwar, Gadag, Haveri, Hubballi-Dharwad and P.G. Gymkhana)

**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 (SC/ST+Cat-I)

	Number of students	Amount
Financial support from institution	459	48,66,500=00
Financial support from government	671	54,72,360=00 (OBC) 1,04,72,380=00 (Vidyasiri Fee Concession)
Financial support from other sources	-	-
Number of students who received International/ National recognitions	-	-

## 5.11 Student organised / initiatives

Fairs	: State/ University level	<input type="text" value="13"/>	National level	<input type="text" value="02"/>	International level	<input type="text" value="--"/>
Exhibition:	State/ University level	<input type="text" value="17"/>	National level	<input type="text" value="--"/>	International level	<input type="text" value="--"/>

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

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

No major grievances, but general grievances are attended immediately by the concerned officer in the Exam Section

- Students demanded drinking water facility and it has been provided to students
- Departments have modified in the teaching hours and timing suitable to students. Added reference books in the Department Library which has SAP Programmes.
- Grievances are solved at personal level informally.

## Criterion – VI : Governance, Leadership and Management

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

#### Vision:

The University strives towards excellence in teaching–learning with relevant curriculum and innovative research, promoting good governance and inclusiveness by providing leadership for a knowledge society.

#### Mission:

- To design and teach curriculum that is contemporary, competitive and content-rich to make students creative, knowledgeable and entrepreneurial.
- To encourage faculty to engage in relevant and globally competitive inter multi-disciplinary research, consultancy and extension work.
- To provide infrastructure resources to facilitate access, equity and harmony both for students and faculty.
- To create the best possible academic ambience for achieving advancement of students and faculty to be leaders in their endeavors.
- To make administration efficient, transparent and adaptable to e-governance.

## **6.2 Does the Institution has a management Information System**

No

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

### **6.3.1 Curriculum Development**

Curriculum development is one of the important mechanism in imparting the quality education for any institution.

The Department of studies in English has recently revised the syllabus of MA course. The Department of Hindi has framed the syllabus to inspire the student community by introducing Diploma courses in translation which is claimed to be very important for the students soon after the completion of the degree. The curriculum based on the student needs to get the desired jobs is done by the Department of Urdu/Persian. The Departments of Sanskrit and Folklore have come out with the new syllabus which helps the students to get suitable positions in Govt. and private sectors. The Department of Music and Fine Arts supports students by exposing them to music competitions which makes them understand the different aspects clearly.

The Department of Statistics has taken up computer oriented syllabus and adopted special guest lectures by eminent scholars to help students to build their career in the field. The Department of Geology conducts a unique seminar called as Geoseminars for students. Ph.D. and postgraduate curriculum has been restructured by the Department of Mathematics. The Department of Biochemistry has designed the curriculum to meet the current challenges in the subject to place the students in different research organizations and industries. The Department of Physics has updated the syllabus in keeping the view of new developments in the field and also to make them aware about these aspects in environmental as well as life based issues. Ph.D. coursework syllabus has been restructured by the Department of Zoology during the 2014-15. The Department of Electronics changes syllabus in every five years to update the students with new approaches in the subject. The Department of Ancient Indian History and Epigraphy has taken up necessary steps in improving the curriculum. The Department of Criminology and Forensic Science has taken up critical steps in improving the syllabus. Group discussions, Seminars, subscription of new books, journals and updating of the present syllabus have been done by the Department of Economics. The Departments of History and Archaeology, Library and Information Science and Philosophy have restructured and revised the syllabus for PG and Ph.D. courses. Based on the current needs of the industry and market the Department of Psychology and Social work have reframed their syllabus. Syllabus restructuring is regularly undertaken in every three years by the Department of Sociology.

Partial revision in the syllabus and modifications has been done to ascertain the current needs of the job market by the Department of IDIRHEM. Syllabus is under revision in the Department of Kannada Research Institute. Keeping in view of UGC guidelines the Department of Swami Vivekananda Studies has incorporated new modules in the curriculum. The Department of Commerce revises the syllabus once in every three years and the course

curriculum has been updated. The Department of Law is involved in the continuous updating of syllabus according to the present need. The Department of Management Studies conducts pedagogy meet and industrial visits to expose the students to the industries. The Department of Physical Education has recently revised the syllabus according to the University guidelines.

### **Constituent colleges:**

Karnatak Science College is involved in the curriculum design, development and modification. Karnatak Arts College has revised the syllabus according to University norms. New syllabus has been introduced for V and VI semester students from the year 2013-2014.

### **6.3.2 Teaching and Learning**

Teaching and learning are the twin issues which has been effectively taken care by our faculty members. All the Departments are installed with Smart Boards and LCD Projectors for effective teaching. PPT and audio visual aids are used in most of the depts. Almost all Departments have internet facilities in the classrooms.

Chemistry Department introduced the NPTEL- lectures to the M.Sc. students in the Prof. S. Siddappa Hall. The periodical section of the Department is having hard copies and teachers make copies of the articles for the benefit of students.

The Department of Biotechnology and Microbiology Faculty members dedicated to teaching and participate voluntarily in pilot studies of new instructional programs, with minimal expectation of tangible reward.

In the Department of Biochemistry students are trained by the faculty in satisfactory manner and there is effective learning as evident from the students placements. Physics Department is committed to the academic excellence, creativity and all round development of students by using time to time innovative ideas in teaching methods.

Faculty members of all the Departments are encouraged and deputed to attend workshop, refresher and orientation programmes.

Department of Applied Genetics showing animated videos pertaining to the subject. Department of Electronic is providing latest facilities such as e-content, web linkages etc.

In Karnatak Science College teaching and learning process is assessed by the students and parents same feedback is used for the improvement of teaching in a suitable manner. The college has steadily evolved towards learner-centric approach from the teacher-centric approach. Teaching learning process is moving from chalk and chalk to ICT enabled class rooms. Moving from credit based to Choice Based Credit System (CBCS). Changing curriculum from unit teaching to modular teaching.

### **6.3.3 Examination and Evaluation**

Introduced online filling of exam forms and fees.

### 6.3.4 Research and Development

In almost all the Departments, faculty members are actively engaged in guiding M.Phil. and Ph.D. programmes, and also indulge in active research..

In Hindi Department students are taken to various Govt. and private sectors to work upon prajyona mulka Hindi and official language.

The Department of Urdu/Persian has a dissertation work for the IV semester students as a part of their curriculum. Many students have got placed in various Govt. and private sectors based on their dissertation works. The Department of Sanskrit and the Department of Folklore have a mandatory dissertation work for PG students.

The Department of Statistics has an Inter Departmental association and association with experts of other universities. The teachers/ scholars visit other universities for reference work.

The Department of Geography has been extensively working on with innovative ideas in research and development in the respective subject.

In the Department of Chemistry each faculty member has individual projects (3) and participates in UPE and CPEPA thrust areas of research. Many faculty members are involved in inter Departmental research activities with the Department of Physics and Department of Botany as evidenced by research publications.

For Ph.D. aspirants coursework is mandatory in all the Departments. Coursework of Biotechnology and Microbiology helps the students to develop teaching skills and research. The Department also conducts discussions, group presentations and delivers lectures that encourage active participation and greater motivation for students in their research endeavours.

The Department of Biochemistry has several National and International collaboration and has been receiving grants from funding agencies as well as industries under University-Industry collaborations such as DBT-BIRAC or Agilant Technologies. The students of the Department gets opportunities to work at the industries and national laboratories as well as foreign laboratories (UKIERI) Programmes. The students are also supported by fellowship from UGC-UPE, CPEPA, DBT-IPLS, CSIR and DBT India.

The Department of Physics is associated with major research programmes namely UGC-UPE, CPEPA and DST-PURSE.

The Department of Zoology has been sanctioned with SAP-DSA-I program by UGC with a grant of 1.60 lakhs with 2 project fellows. Apart from this individual faculty members are having major research projects of different funding agencies like UGC, DST and BRNS.

The Department of Electronics and Botany have research projects for students which are focussed on current trends in the subject. Faculty members are also involved in publishing the research in reputed and peer reviewed journals.

The Departments of Ancient Indian History and Epigraphy, Anthropology, Criminology and Forensic Science have regular Ph.D. and M.Phil. courses which keep them exposed to the newer frontiers in the research. The Department of Economics has the facility for assistance ship to the Ph.D. students in the form of UGC-ICSSR and Govt. of Karnataka fellowships. The Department of History and Archaeology has been granted with UGC/UPE/HDU-1 programs for Historical Archaeological Heritage of North Karnataka region. The Department of Library and Information Science has SAP and actively involved in the establishing ICT facilities and the faculty members and students are concerned in publishing good research in the reputed journals. The Department of Philosophy has applied for many research projects and published their research in various national and international journals. In the Department of Political Science has two Post Doctoral Fellows working and also conducted special classes on SPSS software tool for the benefit of students. Many International collaborations has been done by the Department of Psychology in addition to that the Department also has projects from UGC, ICSSR. The Department of Social work has an International project known as GFATM-7 in addition all the faculty members of the Department are actively involved in research in their respective domains. Regular Research has been inculcated in the form of projects and research articles by the Department of Sociology and completed UGC-DRS-SAP I and applied for second phase.

Kannada Research Institute has been involved in village to village survey of Belgaum district for carrying out their research and also as volunteers for Athani taluk. Swami Vivekananda Studies Centre has applied for research proposal for funds to various agencies.

The Department of Physical Education is putting forward its efforts to identify players in various games and sports in different regions so that they can be selected and trained to get good results.

### **Constituent Colleges:**

Karnatak Science College is making a constant effort to engage the faculty and students in research related activities. Since college is recognized as research centre by the University, most of the teachers are research guides and are guiding their students. The faculty members have published total of 34 research articles (National -16; International- 18). The college is motivating individual staff member to take up research projects, two PG courses (Physics and Chemistry) have already been started in the college and planning to extend the same to other courses also.

Karnatak Arts College has implemented new major and minor projects and the Ph.D. admission is accomplished through entrance exams and interviews.

University College of Education is indulged in research in the form of assignments to the students in various fields such as Management, Supervision, RTE Act, Adolescent Problems, Models of Teaching, Women Education, Professional development, Environmental Science, Teaching Methods, Curriculum development in Science, Maths and Arts subjects, Review of Syllabus, SC/ST Educational Schemes, Academic Achievement, Effect of Multimedia on Academic Achievement etc.

Advices given during alumni \parents meeting are used for the improvement of both curriculum as well as quality of education.

University College of Music proposes academic calendar prepared every ensuring academic year. Annual academic time table is prepared by the Time Table Committee of the college. Teaching plan, on monthly basis is prepared by the concerned teachers, before the commencement of academic period. College also encouraged students to take part in musical concerts.

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

- 1) Server HP ProLiant ML 350 - 01
- 2) Desktop Systems = 26, This is in addition to the 60 systems at computer centre for browsing
- 3) UPS :
  - a. 5 KVA Online 2 hours backup—02
  - b. 1 KVA Online 2 hours backup—01
  - c. 750 VA 30 backup—01
  - d. 600 VA 15 minutes – 01
- 4) Inverters :
  - a. 2 KVA 2 hours backup—02
  - b. 1.5 KVA 2 hours backup—02
  - c. 3 KVA 2 hours backup—01
- 5) Printers:
  - a. Dot Matrix Epson LQ-300=02 ( are colored printers included)
  - b. Laser HP 1010-02
  - c. HP 1020-02
  - d. HP 1120 -01
- 6) Switches : D-link -10/100 Mbps Fast Ethernet Switch
- 7) Media converter : DES 850 D-Link Transerciever
- 8) Barcode Scanners-02

### **6.3.6 Human Resource Management**

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### **6.3.7 Faculty and Staff recruitment**

Initiated the action of Faculty recruitment process and for Staff recruitment the permission is awaited from the Government.

### **6.3.8 Industry Interaction / Collaboration**

Most of the Science Depts. Faculty members involved in collaborative research projects.

Department of Chemistry has collaboration with many MNCs for interactions with students and staff members. This enable them to know the needs of industry during the recruitment process. Some of the M.Sc. IV semester students did their projects in reputed companies.

The Department of Biotechnology and Microbiology has collaboration with the reputed institutes and industries which help the students to impart skills needed by the industry to make the students ready as per the requirements. The Department also seeks co-operation of the industries to provide samples for the M.Sc. projects.

Industry oriented projects have been allotted in the Department of Geology to build the students of high quality. The Department of Biochemistry has got DBT-BIRAC program under University-Industry link from Agilant Technologies (p) Ltd., USA. The Department of Physics is attempting to expand its collaboration with the nearby industries to interact with the students and to help the students in the recruitment process. The Department of Zoology has got collaboration with Molecular Reproduction Development and Genetics (MRDG) Department, Indian Institute of Science Bangalore, Department of Biochemistry Davangere University, Davangere and Weizmann Institute of Science, Rehovot, Israel. Efforts are being put forward to establish industry collaboration by the Department of Electronics.

The Department of Anthropology has collaboration with CMDR, Dharwad. The Department of Criminology and Forensic Science has collaboration with Department of Police, Prison, Child and Woman welfare. The Department of Economics has industry partners such as CMDR, ISSR, Districts and Taluka Govt. offices to make the students know the present happenings. The Department of Library Science is connected with TCS, WIPRO and Infosys for upgrading the knowledge in their domain. The Department of Political Science has got the collaboration with Chamber of Commerce, Hubli. The Department of Psychology has been working with many reputed industries and DIMHANS, Dharwad. The Department of Social Work has collaboration with major industries and Govt. Departments like Police, Prison, Woman, Children, District and Taluka offices. In addition many NGOs and DIMHANS have been working with the Department to help the students to excel in this respective fields.

In the Department of Hindi, Urdu/ Persian have included the glossary words study which give them the knowledge of writing skills correspondent with Govt. and private sectors.

The Department of Commerce invites experts from industry and other business organizations to address staff and students to make the course more practical oriented. The Department of



Management Studies has been doing executive meeting on a weekly basis and illustrate as industrial week.

The Department of Gandhian studies has collaborations with many NGOs like SCOPE, GPF, BAIF and Hubli-Dharwad Citizen's Forum for Environment. The collaborations are specifically concentrated in extension activities which form part of the syllabus in Gandhian Studies. The Department of IDIRHEM is already collaborated with University of Groningen, Netherlands and JSS Institute of Economic Research, Dharwad. Efforts are being made to have collaboration with Centre for Multi Disciplinary Research, Dharwad.

Karnatak Science College has been collaborated with Bagalkot Cement Factory and Geology Department, Bagalkot. The Department of Economics, Karnatak Arts College had organized an Industrial visit to VRL Logistics Company and an interactive session of BA-IV and VI semester students was held. The industrial report has been prepared by the students for the same.

### **6.3.9 Admission of Students**

The Departments conduct entrance Examination for P.G. admissions. During the counselling process students are admitted according to merit-cum-roaster system of Government of Karnataka. Similarly, admissions to M.Phil. and Ph.D. courses are carried out through Entrance examination as well as interview process depending the availability of seats.

The student-friendly admission process is carried out through three stages of counselling, thus giving them sufficient time to pay their fees and also facilitating interDepartmental transfer of admissions. Upon the completion of each stage, the list of the number of vacant seats (category-wise) is posted on the University website. In the third stage, which is referred to as "spot-admission," all the remaining seats are allotted as per Government rules. The whole admission process, beginning from the first counselling, is completed in about two weeks.

### **6.4 Welfare schemes for teaching, non-teaching and students.**

There are various welfare schemes for teaching as well as non-teaching staff of the University and both teaching and non-teaching staff utilize the benefit of these welfare schemes to the fullest. It has also helped them in enhancing the working capability and confidence in their endeavour.

The following table presents the welfare schemes extended to teaching and non-teaching staff:

Sl. No.	Facilities Extended
1	Home Travel Concession
2	Leave Travel Concession
3	Medical Advance
4	Medical Re-imburement
5	Computer Loan
6	Maternity Leave



7	Paternity Leave
8	Sterilisation Increment
9	Stagnation Increment
10	Physically Handicapped Spl. Pay
11	Compassionate ground appointment
12	Leave Salary encashment
13	Time bound, Sr. Scale and 20, 25 and 30 years additional increment
14	Advance Increment

**6.5 Total corpus fund generated**

Rs. 19,03,784/-

**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	
Administrative	Yes		Yes	

\*# Academic and Administrative Audit has been conducted every year by inviting external experts in Administration and Academics from various premier institutions/universities of the country. AAA also comprises of Deans/Senior Faculty members of the University.

**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?**

- OMR Answer papers are introduced
- Bar Code system introduced for Answer Papers.
- Initiated actions to make online valuation system.

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

One of the major objectives of the UG education is to meet the needs of the students and other stakeholders like parents, society at large and managers and promoters of the institution. The members of 'Local Inquiry Committee' (LIC) of the University visit the new colleges and existing colleges and take all explicit measures to check and monitor the quality which is of utmost importance. While giving affiliation to the new colleges and while continuing affiliation to the existing colleges, the LIC examines all the measures taken by the college and its Internal Quality Assurance Cell (IQAC). It carefully observes, monitors and directs the IQAC of every college to enforce the directions of the University relating to (i) teaching (ii) academic programmes (iii) research (iv) scholarships (v) infrastructure (vi) faculties (vii) equipments

(viii) library (ix) hostels (x) health services (xi) student grievance- redressal cell (xii) sports facilities.

For promoting quality in higher education, the University through College Development Council (CDC) issues guidelines at the time of inspection. The University renews the affiliation given to the colleges only when the colleges fulfil the requirements in respect of physical facilities, academic infrastructure, manpower, equipments, library and other facilities.

The Vice-Chancellor nominates four principals to the Syndicate, ten principals of affiliated colleges to the Academic Council, as per the provisions made in the Karnataka State Universities Act 2000. As per the statute, three senior faculty members in each subject from the affiliated colleges are nominated as members of Board of Studies (Under-Graduate) and two teachers teaching under-graduate subjects are nominated by the Vice-Chancellor as members of Board of Appointment of Examiners (BOAE) to provide adequate representation to the affiliated colleges in all these decision making bodies. The representation of affiliated colleges in the statutory bodies enables the University to understand the needs of under-graduate education, which in turn helps the University to design appropriate mechanisms to address effectively the administrative problems of the affiliated colleges.

The regulations of the University and its common system, governing all colleges alike, irrespective of their characteristic strengths, weaknesses and locations, have affected the academic development of individual colleges. The colleges do not have the freedom to modernize their curricula or make them locally relevant. Colleges that have the potential for offering programmes of a higher standard do not have the freedom to offer them. In this context the UGC document on the XI Plan directions are taken into consideration. The university has been taking all steps to bring about awareness about the advantages of autonomy among the affiliated colleges. An autonomous college is given freedom in the following matters:

- Preparation and implementation of calendar of events for the academic year according to the local needs and situations without any difficulty and delay.
- Designing a vibrant and acceptable rules and procedures for giving admission to the students as per the roster and guidelines of the Government.
- Evolving an effective mechanism to maintain quality in teaching-learning and evaluation.

### **6.11 Activities and support from the Alumni Association**

Alumni associations of each Departments of University works to connect alumni, provide a platform for meeting and exchanging of new ideas among alumni, present students and faculty members, stakeholders and other members of the society. Under the auspicious of Alumni Association, many Departments have arranged workshops, special lectures, and also arranged scholarship to meritorious and economically weaker students. E.g. Department of Chemistry has given scholarship about Rs. 20,000/- to the students of economically weaker section and provided medical expenses to the injurious students while participating in sports activities. All the Departments of the University has Alumni association which renders its help in the activities of the Department.

Karnatak Science College under the Alumni Association arranged technical training sessions in the subject/fields like ground water investigation, preparation of fish aquariums, finger print investigation, techniques and the knowledge of medicinal plants. Financial help is also provided for installing large scale purified drinking water plant and donating valuable books.

Karnatak Arts college arranged an interaction programme of UPSC exam achievers- Shri Gurudatta Hegde and Shri Laxman Nimbargi with students on 9<sup>th</sup> June 2014. Prof. C.S. Kaddipude, Alumni of the College donated cash prizes of Rs. 1000/- to 9 students. Cash prize was also donated by the College alumni Dr. Kotresh.

Department of Management Studies conducts Alumni Meet 'Darpan' on 25<sup>th</sup> & 26<sup>th</sup> January every year.

### **6.12 Activities and support from the Parent – Teacher Association**

Parent-Teacher associations of various Departments involve in promoting cordial and positive relations among parents. Majority of the Departments conduct parent-teacher meeting once in a year and inform the current development in the Department as well in education system. During meetings parents have been given free and ample time to give their suggestions and feedback. Some of the Depts. have prepared feedback proforma and collected the same and taken some actions on the basis of feedback.

### **6.13 Development programmes for support staff**

Initiated the action on computer and other training programmes for the Staff.  
Conducted Non-Teaching Support Staff Training Programme

The main components of the training program are inclusive of Office procedures, Karnataka Civil Services Rules, Karnataka Financial Code, Karnataka State University Act, Right to Information Act 2005, Examination ordinances and statutes etc. Information on Record keeping, Cash handling, Maintenance of service registers, Cash Book, Hands on training, Sakala, Right to Education etc were given to the participants. The group consisted of 25 participants including Office Superintendents, Assistant Office Superintendents, Senior and Junior Assistants from various sections of Karnatak University, Dharwad.

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

Garden Department has initiated several programmes to make the campus green and eco-friendly. Following are some of the initiatives:

- Planted 100 cherry plants.
- Developed gardens by planting lawn and flowering plants.
- Collected seeds from annual flowering plants.
- Strictly prohibiting the plastics in the garden.
- Green garden for students relaxation and reading.
- Maintained existing flower pots and purchased new flower pots. Participated in competition held by Horticultural Department.

## **Criterion – VII :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.**

The University has set up a healthy intellectual interaction between various departments, the basis for which was the successful proposals submitted to various National funding agencies. Firstly the department of Botany, Biotechnology, and Biochemistry are able to get innovative **DBT-project** for the improvement of the research and infrastructure in Biological Sciences.

The University acquired the status of University with Potential Excellence (**UPE**) in 2012. The thrust area of **UPE** research is another example of successful innovative idea. The UPE thrust area is **Anti-tumour activity- An integrated approach**. The Research groups from the departments of Zoology, Chemistry, Biochemistry, Biotechnology and Botany are actively involved. In the faculty of Social Sciences, departments of Commerce, Economics, Sociology, Political Science and Social Work have a common research programme on “**Water Resource Management in North Karnataka Region**” under the UPE scheme.

#### **DNA Research Centre:**

The department of Applied Genetics has undertaken research activities related to genetic disorders since 2000 which involved DNA testing from blood, tissues, hair, saliva and was collaborating with CCMB-Hyderabad for the DNA fingerprinting.

As an extension activity, the centre collaborates with engineering colleges in the state which specialize in Biotechnology for B.Tech./ M.Tech. project work. On an average 8-12 students work during an academic year. Similarly, Project work for the Master’s programme in medical colleges is also assisted by the centre and on an average 2 students carry out their work in this programme. The centre undertakes the analysis of the samples from the following medical organizations:

1. KCTRI-Navanagar (Hubli)
2. KIMS-Hubli
3. SDM- Medical and Dental Colleges- Dharwad
4. KLES Hospital Belgaum

#### **Cooking Gas from Hostel Waste:**

Innovative steps have been initiated by Karnatak University in the area of waste management in collaboration with the Regional Science Centre, Dharwad. A bio-gas plant functioning with a storage capacity of 750 liters has been setup and it generates the cooking gas.

University has open Green Library where students learn at ease.

#### **University has introduced of the Centralized Admission- Counselling Cell for all PG-Courses**

The main purpose of introducing this method is to avoid applying to multiple departments for seeking admission by the students. The centralized admission and counselling process is working on the lines of CET Counselling.

DPAR section has introduced E-Governance and E-Procurement Cell in all its routine work.

HRDC has adopted New Technology This has enriched the efficiency of the HRDC functionaries and also the participants in various programmes cutting down on the transmission of communications and encouraging automation in the activities of Refresher Courses and Orientation Programmes

Performance Analysis has also been undertaken by HRDC. This with the help of the Statistician is providing us a kind of SWOT analysis in order to measure the performance of the HRDC as an institution imparting upgraded knowledge and skill for the teaching community. Similarly, it has benefited the HRDC in gaining insight into their programme effectiveness by understanding the beneficiaries performance in the post refresher course and orientation programme duration.

University Employment Information and Guidance Bureau kept portion of the Reading Room of the Bureau for exhibition of books on Career Literature for the benefit of the students. Computer Systems are also installed in the Bureau for the purpose of the students.

Garden Department has initiated some of the novel initiatives to keep the campus green. Weeds have been removed and maintained the campus clean. Adopted sprinkler technology for lawns. Collecting waste and make compost.

#### **Account Section has introduced**

- Introduction of RTGS/NEFT Methods of payment
- Online collection of all fees from students.
- Reduction of amount of advances to streamline the financial accountability
- Settlement of all retirement benefits on the date of retirement.
- Provision of private audit of research grants, wherever option is provided.
- Reduction of number of Bank Accounts to stream line finance.

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

The *Vision* and *Mission* of the University are the guiding principles. The quality of Teaching and learning is periodically reviewed in the meetings conducted by Chairpersons of PG Departments. At the end of academic year, students' feedback is taken at the level of the Department to review the performance of teaching. Measuring the quality of teaching is based on four point scale. The rating of every teacher is informed after analysis of the students' feedback. As per the guidelines of the University, this information is placed in the Department Council for a constructive discussion. The initiatives to be taken for further improvement of teaching in the Department are chalked out. The action taken report is submitted to the University authorities. Periodical review meetings at different levels in planning and implementation add drive to the quality awareness in the system.

The Academic and Administrative Audit (AAA) is regularly conducted in order to evaluate the overall performance of the University. The AAA Committee makes it a point to look into the performance of teaching, research and governance. The said Committee makes observations and recommendations for improvement in all these matters and submits its report. This report is uploaded on the University website to facilitate administrative sections and PG Departments to take further action and submit the action taken report about the implementation of recommendations of the AAA Committee at the time of the visit of next AAA Committee. This exercise conducted systematically every year.

#### **7.3 Give two Best Practices of the Institution.**

Being a second premier institution of higher education in the rural backward region of north Karnataka, the University has been a role model for recently established, young universities in the state, a healthy competitor at its own level and finally a sincere learner from the best organizations in the country. The student supportive practices like providing

scholarships, employment–guidance cell, conducting campus interviews, arranging knowledge enrichment programmes, holding remedial classes, and conducting NET.SLET coaching, are all part and parcel of most of the departments on the campus. The following two activities are chosen as its **unique best practices**:

1. Awarding Dr. D. C Pavate Memorial Fellowships for a short-term study in Cambridge.
2. Creating awareness about social issues and developing scientific temper.

The available fellowships provided by the **Pavate foundation**, are as follows:

- 1) Centre of International Studies, Cambridge (One fellowship on All-India basis)
- 2) Judge Business School, Cambridge (One fellowship restricted to Karnataka State)
- 3) The third fellowship covers applied Mathematics/Theoretical Physics/ Material Science/ Metallurgy/ Chemistry/Zoology and is restricted to Karnataka state.

#### **Awardee of Centre of International Studies, University of Cambridge (2014-15)**

1. Sharada R. Shindhe, Assistant Professor, Karnataka State Law University's Law School, Navanagar, Hubli

#### **Awardees of Judge Business School, University of Cambridge (2014-15)**

1. Mr Umesh Bangalore Chandrappa, Manager- Marketing and Policy Research/Strategic Planning, Bharat Electronics Ltd, Corporate Office, Outer Ring Road, Nagavara, Bangalore.

#### **Awardee of Department of Applied Mathematics and Theoretical Physics, University of Cambridge (2014-15)**

1. Dr Shivkumar M.A, C/o K.H. Nagachandra #9F, Opp. Karemme Temple V.S. Colony, Dharwad-580004

Every year, the University conducts nine (10) foundation lectures on following occasions which inspires the students and also provide yeoman contributions of great personalities:

1. Mahatma Gandhi Memorial Foundation lecture, January 30<sup>th</sup>
2. Dr. D.R. Bendra Memorial Lecture "Poet Day", January 31<sup>st</sup>
3. Dr. Zakeer Hussain Memorial Lecture, February 7<sup>th</sup>
4. Dr. C. V. Raman Memorial lecture "Scientist's Day", February 26<sup>th</sup>
5. Pandit Jawaharlal Nehru Memorial Foundation Lecture, March 3<sup>rd</sup>
6. Dr. D. C Pavate memorial Lecture "Educationist's day", August 2<sup>nd</sup>
7. Dr. James Mayall Special Foundation Lecture in the month of September
8. Dr. S. Radhakrishnan Memorial Lecture "Teachers Day", September 5<sup>th</sup>
9. Prof. S.S. Basavanal Memorial Lecture, November 29<sup>th</sup>
10. Dr. Mallikarjun Mansur Memorial Lecture "Musician's Day", December 31<sup>st</sup>

#### **Dharwad Regional Science Centre at the Karnatak University is yet cap on the glory of the University:**

School /College children from nearby districts and taluka places visit this centre. In a span of one year, the total visitors for this centre is 74,104 which includes 10,645 students, 32,706, general public and 30,753 students and teachers. Most of the Educational Institutions organized educational tours to the centre. . This has gone a long way in kindling scientific thinking and appreciate science and its benefits to humanity.



The Department of Statistics helping the sister Departments for statistical analysis of their data and also helps the students in campus interviews. A unique feature of the Chemistry Department is to focus on conducting the campus interviews for M.Sc. students through its own placement cell which is going on since ten years. Departmental library is made available to all the students and faculty members which has good collection of journals, books which are used by other Departments as well as nearby colleges. In the Department of Biotechnology and Microbiology, the regular classes begin on the first day of the commencement with 100% attendance. Apart from this, the Department prepares the students for competitive examinations, research and teaching.

The Department of Computer Science provide complete course materials in the form of both hard and soft copy and one to one student interaction with the faculty members. The Department of Geology has got a Geological museum which as open for public, consultancy services with regard to sources of ground water services to the public, farmers and industries. Faculty members of Department of Mathematics provide guidance to the students for their career. Students of Biochemistry gain hands on experience of using the sophisticated instruments and performing the experiments during the project work introduced at IV semester and which is motivating for many students to take research career. The Department of Physics promotes the culture of Science by involving research students and post graduate students in the innovative scientific programmes. The Department also got recognition as a responsive centre of higher learning and world class research. The Department of Zoology has assigned individual project to M.Sc. III and IV semester to motivate research oriented activities. They have also conducted short visits to Zoological and biodiversity hot spots like Dandeli wild life sanctuaries and other related places in Western Ghats. The Zoological museum is made available to public to which the sample and specimens are collected from various habitates, identified and characterized, preserved and exhibited. The Department also conducts various awareness programmes through lectures and exhibitions to promote scientific temperament. The Department of Electronics involved in carrying out need based projects and also promote scientific attitude. The Departments such as Anthropology, Criminology and Forensic Science conducts seminars, workshops and special lectures for the benefit of the students. The Department of Economics has a unique program called Arthamanthan schemes awareness programmes on Govt. schemes. The Department of History and Archaeology conducts discussions on different developmental issues related to the subject. The Department of Library and Information Science are involved in the creation of web directories. The Department of Mass Communication and Journalism has the facility for daily news papers in different languages and they have magazine called as Vidya Samachar.

The Department of Commerce deputed students to other Universities to attend class work, puzzles and Vanijya sammelanas. There is a provision for compensatory classes for such students who attend the above mentioned programs. The Department of Law has applied ICT in teaching and learning. The projects are assigned for each individual paper in the subject. The Department of Management Studies organizes meets with executives and arranges for open house programs. In addition industrial visits and pedagogy seminars are some of the important features of the Department. The Department of Physical Education utilizes University garden for flower arrangement in the functions. The staff and students of the Department give advice to the

general public do's and don'ts of the exercises to be done by them. They rectify their mistakes being committed by the people who are exercising on the University ground. The Department of Education is bringing out its own Research Journal with ISSN since 1977. The Department of Dr. B.R. Ambedkar Studies encourages students to learn the art of holistic approach in resolving the social conflicts. Nationalistic ideologies are discussed and critically analyzed. The Department of Gandhian Studies organizes inter religious prayer meetings and training on meditation and Yoga is undertaken on regular basis. Exhibition and sale of Khadi is taken up on Gandhi Jayanti and Gandhi Punyatithi. The students and staff in the Department are encouraged to wear Khadi outfits. Field training, seminars and workshops are regularly undertaken on Gandhiji's Birth and Death Anniversaries. The Department of IDIRHEM conducts seminars and presentations by students and also involved in preparing the reports like analytical reports, case study reports management reports and field study reports. The Department of Kannada has a special program called Heritage awareness program. The Department also conducts field visits to have a clear information about the subject. Swami Vivekananda Studies Department counsels the University students by eminent visiting faculties. Research Centre for Women's Studies motivates the girls students. The Department of Yoga studies involved in improving the positive health of the students and conducts yoga classes for general public.

Karnatak Science College creates awareness and developing scientific temper in students by science association and study- circle activities. The College conducts Swachata Abhiyan programs to have a plastic free campus. Karnatak Arts College honors and awards the alumni at the Pratibha Puraskar for their outstanding work in research, academics and sports. The college celebrates founder's day and other major birthdays of the national leaders of India. University College of Education publishes annual magazine of B.Ed. students titled as 'Inchar'. The college indulged in innovative teaching sessions with technology integrated lessons. University college of Music encourages Manch Pradarshan to make the students to perform on stage in live programs. Also the college provides studio related knowledge to students about the music recordings. The Scholarship section looks after the convocation work pertaining to award of Gold Medals/Prizes/Scholarships and ranks.

DPAR section numbers all the files through NIC system. HRMS is adopted which enables to access all the information of permanent employees. Prof. S.S. Basavanal Library has installed assistive devices for differently abled users. Special care for differently abled users with personal assistance has been arranged. Separate space is provided for such type of users. The list of assistive devices are as follows SARA CE Instate Text Reader, ZoomEx Insatant Reader, Kuzweil K 1000 Scanning and Reading software, Plex Talk PTN2 Talking DAISY Player, JAWS Talking Software for the Blind, magic Screen Magnification Software with Speech. The University Library has added a new reading hall built separately to keep open 24x7 hours to its users community with all essential facilities. This has started its service from 13<sup>th</sup> July 2014 inaugurated by Sri. R.V. Deshpande, Honorable Minister for Higher Education, Govt. of Karnataka. UEIGB section publishes monthly career review bulletin containing career related information. Displaying information through flex boards regarding various professions, competitive examinations and admissions. The Building Department works to complete the tender works once the approval of the administrative bodies. The works which costs more than 1



lakh are tackled through e-procurement only. The SC/ST cell provides financial assistance of Rs. 2000 for study tours to the students. The cell provided opportunity to SC/ST students to undergo typing and Stenography training so as to enable them to get jobs. A provision has been made to provide financial assistances to the SC/ST Ph.D. and M.Phil. students to participate in the seminars, symposiums and conferences organized outside the University. The Cat-I cell provides TA and DA to the students of M.Phil. and Ph.D. students who participate and present papers in National and International Seminars. PG Gymkhana conducts Youth Festivals and sports competitions and invites eminent persons in the field to grace the function. The P.G. Gymkhana fully uses the ICT for its promotional activities during Youth Festivals and Sports activities. The Student Welfare Section attend the problems of students immediately and solve them. The PMEBS section trains the faculty members regarding IPR matters and also allotting the funds for remedial coaching/coaching for competitive exams and NET/SLET exams. The account section uses cashless transactions and has introduced advanced Tally Software Systems to account for University transactions.

#### **7.4 Contribution to environmental awareness / protection**

Karnatak University has set-up two solar grids of 100 kVa Capacity with the view of attaining self-sufficiency in its power needs. One grid is installed on the terrace of the **Vidya Soudha** building, and the second one has been installed on the terrace of the administrative block. The total power generation from these two solar grids with 400 panels is expected to be 1200 units per day. The units will be functional to their maximum capacity in a few months. This renewable source of energy is expected to reduce the recurring electricity bills of the University.

As a part of the annual forestation programme, Garden Department has taken lot of initiations by planting of about 2000 teak and 1500 other plants. The Horticulture Department has maintained 3.5 acres of Mexican lawn in various gardens of the University campus. In addition to this, 10,000 pot-plantations have been maintained and 600 Areca palms have been planted. The income generated is Rs. 1.56 lakhs.

Karnatak University has stream lined its waste-management mechanism and generated a revenue of about ten lakhs (Rs. 10,23,906=00) between June 2013-March 2014. The University Scientific Instrumentation Centre (USIC) has collected a revenue of about Rs.1,54,970=00 through its technical and analytical services. From the battery waste disposal the University has been able to generate Rs. 16,640.00 during 2013-14.

#### **Pure Drinking Water Unit:**

Under innovative practices, the University has wisely out sourced the installation and functioning of the economically beneficial, safe and pure drinking water unit for the campus community since February 2014.

#### **Green Open Library:**

Karnatak University is the first educational institution in the State to develop a unique Green Open Library in the central part of its campus which has been declared open by the Honourable Minister for Higher Education Shri R. V. Deshpande on 13<sup>th</sup> July 2014. Cosy and

comfortable facilities for sitting and Wi-Fi connectivity have inspired the student community to a considerable extent. They have also attracted the attention of visitors and a large group of retired people in the vicinity of the University campus.

**7.5 Whether environmental audit was conducted?** Yes  No

In keeping with the heritage of the University, we are developing compatible programmes in order to burgeon concern for the environment in younger people. The burgeoning interest, we hope, will lead to a green university. The monitoring system of environment helps the institution to set examples for the community and to educate young learners. The Department of Horticulture undertakes different types of works for maintaining, developing and beautification of the campus wherever possible and also enriching the campus eco diversity by planting different types of saplings every year.

The Department is involved in maintaining the aesthetic value of the University Campus and other constituent colleges by continuously developing and maintaining the Garden along with plantation extension activities for improving the carbon sinks in the campus.

The Department undertakes the plantation work every year by planting more than 1500 different plants in the campus and covering the open land, in order to attract the birds, squirrels, monkeys etc for food and shelter. Due to good vegetation and hospitable climatic condition general public enjoy walking on the campus to breath fresh air both morning and evening.

The Karnatak University Botanical Garden was established in 1963. It is the only Botanical Garden in northern part of Karnataka state. It spreads on an area of over 40 acres and is located at an elevation of 830 meters. The flowering plants represent 170 families and more than 1300 sps. have been maintained.

The security personnel are regularly deployed to protect the plants from the theft and accidental fire.

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

##### **Analysis)**

##### **Strengths**

- Matured experienced seasoned teachers blended with young budding scholars.
- Adequate Infrastructure for teaching learning.
- Gender budget -
- Green Audit/Green Library-
- Reservation of seats for Transgender, differently abled, blind and Kashmiri migrants.
- CBCS System in all Departments.
- Student union/Gymkhana activities for students to showcase their talents.
- 24x7 Library facilities
- Fellowship to young (Karnatak University Meritorious Scholarship for Basic Sciences) (KUMSBS)
- Endowment/Foundation lectures
- E-procurement
- Intake of all Departments has been increasing with feminization of higher education.
- UPE, CPEPA, PURSE, SAIF, SAP/CAS Depts.
- Providing E-resources to search Engines

- RUSA
- Based on the H-index (46) we got DST- PURSE
- Partial online admission and payment of fees
- Transparency in administration.

The Department of Chemistry has many strengths such as generation of skilled manpower in terms of M.Sc. and Ph.Ds. produces good quality of research papers every year, the faculty and research scholars of the Department present their work in national Conferences and get awards. The Weakness of the Department is that the quality of the research works needs to be enhanced to reach the journals of higher impact factors, the faculty members need to acquire higher distinctions in terms of Academy Fellowships (TWAS- fellowship) and Instrumental facilities need to be up graded in the Department. The Department of Biotechnology and Microbiology desperately needs an independent building to run both the Department of Microbiology and Biotechnology successfully. The Department of Biochemistry have several national and international collaborations which inspires the students to learn and peruse their career in Biochemistry. The Department of Physics would like to establish Astronomy-Astrophysics remote sensing centres. The Department of Applied Genetics needs the provision of sufficient funds for conducting special lectures, workshops and separate building with sufficient classrooms and seminar halls, separate toilets for teachers and students. The Department of Electronics has qualified, experienced teaching assistants, projects based learning and workshop based learning. Weakness of the Department is paucity of permanent faculty. The opportunities available for the Department in the form of GIAN scheme be advantageous and be properly tapped. Major threat to the Department is from the Engineering students in job prospects to our students.

The Department of Criminology and Forensic Science needs faculty for Forensic Science subject. The Department of Economics is actively involved in Bench Mark Survey, article writing, academic standards training in Econometrics and time series modeling. The Department of Political Science is waiting for SAP recognition from UGC. The Department of Sociology has successfully completed UGC SAP-DRS-I and preparation for DRS-II is in full swing.. The Department of Psychology is involved in community welfare programs and to get good number of OEC students and also they need a bigger lab for smooth conduction of experiments.

The Department of Commerce has strengths in the form of highly experienced teachers, computer labs, academic freedom for revision of syllabus, market driven curricula, fair placement of students and availability of modern teaching aids. The Department of Management Studies is running on CBCS method of evaluation and the Department has its own cafeteria. The Department of Physical Education is capable of organizing any level of competition but due to lack of proper infrastructure for indoor and outdoor sports it is still unmet.

The Department of Gandhian Studies has planned programs in relation to communal harmony and national integration. Department of Gandhian Studies exploring the possibility of introducing the Gandhian Studies as a full time P.G. course. Decreasing importance of values and morals in the contemporary society and to convince the students that Gandhian Studies is more relevant today than ever before are some of the major challenges to the Department. The Department of IDIRHEM is a unique course in the entire South India but the major weakness is

that the Department does not have any permanent faculty. Department of Swami Vivekananda Studies plans to offer the Diploma course of Swami Vivekananda's Philosophy to strengthen the Centre.

Karnatak Science College has a beautiful lush green campus, tobacco and noise free campus, conduct workshops to enhance practical skills, installing CCTV cameras to monitor theory and practical exams, organizes Science Exhibitions in all subjects, conducts campus interviews, involved in extension activities and special programs such as AKKA and SNEHA Association to solve the problems of girl students. The major weaknesses of the college are inadequacy in faculty recruitment.

College of Education publishes Annual Journal Titled 'Journal of College of Education' with ISSN 0022-4979. University College of Music has significant student support activities.

The DPAR section has provided computer to each employee so that to speed up the work in the Department. HRDC Department is planning to upgrade technically and minimum requirements are still un met. PG Gymkhana Department needs a separate officer to look after the Gymkhana activities. PMEB Section is making MoUs with different organization within and outside India in different fields of research.

## **8. Plans of institution for next year**

The Department of Kannada has proposed to start poet Pampa Adhyayana Peetha with the financial support of Govt. of Karnataka. The Department of English is preparing to apply for UGC-SAP recognition and also plans to organize two days national Conference. The Department of Hindi is going to organize National Level Seminar in Feb. 2016 and three translation workshops has been proposed. The Department of Urdu and Persian has planned to organize two days National Seminar, introducing Diploma courses in Translation and Urdu Journalism, also a certificate course in Arabic. The Department of Folklore intends to start a Diploma course in Folk Fashion Designing and also planned to expand the already available museum. The Department of Music and Fine Arts is going to organize national level Music Seminar and plans to carry out some workshops related to Music. The Department of Marathi is planning to start Certificate course in Marathi for Non Marathi speaking students.

The Department of Statistics going to take up research in Biostatistics and also to create opportunities to students in job markets. The Department of Chemistry propose to apply for VGST grants in the coming year. The Department plans to decentralize the conduct of practical examinations at affiliated colleges and also planning for a complete revision of its syllabus to be implemented from 2017-18. The Department of Biotechnology and Microbiology has planned to offer Diploma course in Food Processing. Along with this, steps will be taken to increase the publications in high impact factor journals, to establish linkage with national and international Universities and research institutes. The Department strives to have an independent building in the University campus. The Department of Computer Science proposed to upgrade PGDCA syllabus and making it as a job oriented course. In addition to this the Department has planned to create awareness among villagers of Mansur which is adopted by the University. The Department of Biochemistry intends to train the students using the latest teaching and research

skills by experienced faculty members and also to assist the students for choosing the appropriate career by qualifying national level exams like CSIR-NET. The Department of Physics willing to get the centre for Advanced Study –II, to introduce Nanoscience & Nanotechnology course in the Department. Apart from that, establishing ion beam accusatory to carry out research in the field of basic and applied science. The Department of Zoology initiating a short term program for students in Aquarium Construction and management, hands on training programs in Applied Zoological aspects, health & hygiene awareness programs of public interest. The Department of Applied Genetics is about to bring good and useful instruments for laboratory purpose and extension of the Department. Curriculum up gradation will be carried out by the Department of Electronics. Apart from this collaborative efforts will be made with industries/institutes. The Department of Botany has planned to organize conferences and would like to provide training for NET/SLET examinations.

The Department of Ancient Indian History and Epigraphy is planning for an independent building in the University campus. The Department of Anthropology has plans to start Biochemical labs with some collaborative research projects and also to train the students for competitive exams. In addition the Department is planning to organize orientation programs for students and develop a modern gram panchayat library at Mansur Village. The Department of Economics intends to revise the syllabus and to organize National seminars. The Department of Ancient Indian History and Epigraphy has decided to conduct seminars and coaching for NET/SLET and other competitive examinations. The Department of Mass Communication and Journalism is going to organize workshops and to start Journals for the students.

The Department has plans to establish the placement cell and to arrange Tally programs to teachers and students. The Department of Law intends to apply for SAP project and to organize International conference on Legal Studies. The Department of Management Studies has plans to extend the collaborations and MoUs for conducting exchange programs. The Department of Physical Education plans to conduct a workshop for Enrichment of Physical Education Teachers.

The Department of Dr. B.R. Ambedkar Studies has plans to organize International Conference to expose the students community regarding the global approach to resolve the social conflicts of various kinds. Eminent scholars will be invited to express their point of vision to approach various Socio-Economic problems in global context. The Department of Electronic Media is going to organize Short movies festival, Documentary festival, National seminars and also creating advanced media opportunities. The Department of Gandhian Studies has plans to apply for research projects in the area of the study of Satyagraha movements and controversies around Gandhi and also foundation lecture in this area. The Department has already applied for financial assistance to organize a National Seminar on ‘ Dimensions of Freedom Movements in South India: with special reference to Mahatma Gandhi in collaboration with GFGC, Alnavar. The Department of IDIRHEM has planned to visit various P.G. centre and medical institutions to create awareness regarding the course and also importance in research field. The Kannada Research Institute aims at up gradation of the museum and library. The Swami Vivekananda Centre plans to conduct National seminar in the area of the Swami Vivekananda Philosophy, Religion. The Research Centre for Woman’s Studies intends to conduct state level Woman

Entrepreneurs Mela. The Department of Yoga Studies eager to establish PG courses in Yoga studies and also to start Yoga Health Clinic Centre. Karnatak Arts College intends to set up mineral water plant in the campus. Also installing LCDs in all the classrooms.

The Academic Section will start online admissions of PG/Ph.D. courses from the academic year 2016-17. The PMEB section is making complete digitalization of existing records/data and going to adopt the e-governance technology. The HRDC section have plans to expand their activities based on UGC guidelines and to introduce traditional and Digital services, video recording of lectures and to develop computer/ language labs. The Building Department is interested in e-correspondence for all the works. CDC section is going to make affiliation procedure through online mode and encourages colleges to obtain 2(f), 12 (b) and NAAC accreditation. The Garden Department has plans to improve the plantation, gardening, Green Library, to create the shade in the campus for students to study and maintain the clean and green campus. IT Section will be working for up gradation of network, website and also implementation of e-governance in all sections of the University. The Scholarship Section will go for digitalization of records/data. The SC/ST Cell has proposed to have exclusive building for the cell with all facilities. The UEIGB section seeks support from all the constituent and affiliated colleges to establish independent bureaus and assist their students in the matters of employment information and career guidance. The section has plans to organize series of Trainer's Training programs to create a pool of trained resource persons to facilitate local availability. Also to encourage and attract professional career counselors to function independently. In addition restructuring the Career Review Bulletin to make it more exhaustive and informative, to introduce a dynamic website to provide online counseling and also to set up a human resource development centre to facilitate soft skill enhancement programs. The cell also initiating and developing industry-academia partnership to train students to complete in the emerging trend and to provide employable. The Student Welfare Section would like to have complete digitalization in the coming years. The Account Section willing to computerize entire finance and accounting data, installing Tally software to all the section of the Department, developing and maintaining Asst. Registrars cash and day books. The Section has plans to adopt softwares for online collection of all receipts and payments, monthly reconciliation of balances of all bank accounts of the University.

*Name: Prof. Jayashree S.*

*Name*

*Signature of the Coordinator, IQAC*

*Signature of the Chairperson, IQAC*

# Karnatak University, Dharwad

## Teachers' Evaluation by P. G. Students

Name of Teacher :  
 Designation : Professor / Asst Prof  
 Department : Organic Chemistry

DIMENSION	NO OF STUDENTS	AVERAGE RATING
Knowledge	24	3.92
Communication	24	3.96
Sincerity	24	4.00
Interest	24	3.96
Course Integration	24	3.79
Content Integration	24	3.71
Accessibility	21	3.71
Application of ICT	23	3.83
Evaluation & Design	24	3.54
Feedback time	24	3.71
Overall Rating	24	3.88

