

Karnatak University's

**Karnatak Science College, Dharwad**

**Karnataka - 580 001.**



**Annual Quality Assurance Report (AQAR)**

**2017-18**

**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**

*An Autonomous Institution of the University Grants Commission*

P. O. Box. No. 1075, Opp: NLSIU, Nagarbhavi, Bangalore - 560 072 India

# The Annual Quality Assurance Report (AQAR) of the IQAC 2017-18

## Part – A

### I. Details of the Institution

1.1 Name of the Institution

KARNATAK SCIENCE

1.2 Address Line 1

College Road

Address Line 2

-

City/Town

DHARWAD

State

KARNATAKA

Pin Code

580 001

Institution e-mail address

principal.kscd@gmail.com

Contact Nos.

08362215400 / 9448227850

Name of the Head of the Institution:

Dr. C. F. Mulimani

Tel. No. with STD Code:

0836-2215410

Mobile:

9740113791

Name of the IQAC Co-ordinator:

Dr. (SMT). DORIS M. SINGH

Mobile:

09481823110

IQAC e-mail address:

dorissingh@gmail.com

1.3 NAAC Track ID:

EC/50/RAR/14 and September 30, 2009

1.4 Website address:

www.karnatakcollege.com

**Web-link of the AQAR:**

1.5 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	3 Stars	-	2004	5 Years
2	2 <sup>nd</sup> Cycle	A	3.26	2009	5 Years
3	3 <sup>rd</sup> Cycle				
4	4 <sup>th</sup> Cycle				

1.6 Date of Establishment of IQAC:

DD/MM/YYYY

01 / 06 / 2001

1.7 AQAR for the year (for example 2010-11)

2017-18

1.8 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC

- i. AQAR 2009-10 submitted to NAAC on 24-09-2010
- ii. AQAR 2010-11 submitted to NAAC on 15-09-2011
- iii. AQAR 2011-12 submitted to NAAC on 18-02-2013
- v. AQAR 2012-13 submitted to NAAC on 07-02-2014
- v. AQAR 2013-14 submitted to NAAC on 31-10-2014
- vi. AQAR 2014-15 submitted to NAAC on 31-08-2015
- vii. AQAR 2015- 16 submitted to NAAC on 17-07-2018
- viii. AQAR 2016- 17 submitted to NAAC on 18-07-2018
- xi. AQAR 2017- 18 submitted to NAAC on 29-09-2018

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  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*)

KARNATAK UNIVERSITY,  
DHARWAD

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

Autonomy by State/Central Govt. / University

University with Potential for Excellence

DST Star Scheme

UGC-Special Assistance Programme

UGC-Innovative PG programmes

UGC-COP Programmes

UGC-CPE-

UGC-CE

DST-FIST

Any other (*Specify*)

## **2. IQAC Composition and Activities**

2.1 No. of Teachers	<input type="text" value="17"/>
2.2 No. of Administrative/Technical staff	<input type="text" value="01"/>
2.3 No. of students	<input type="text" value="02"/>
2.4 No. of Management representatives	<input type="text" value="00"/>
2.5 No. of Alumni	<input type="text" value="01"/>
2.6 No. of any other stakeholder and community representatives	<input type="text" value="01"/>
2.7 No. of Employers	<input type="text" value="01"/>
2.8 No. of other External Experts	<input type="text" value="02"/>
2.9 Total No. of members	<input type="text" value="25"/>
2.10 No. of IQAC meetings held	<input type="text" value="06"/>
2.11 No. of meetings with various stakeholders.	No. <input type="text" value="03"/> Faculty <input checked="" type="checkbox"/>
Non-Teaching Staff	Students <input checked="" type="checkbox"/> Alumni <input checked="" type="checkbox"/> Others <input type="text" value="03"/>
2.12 Has IQAC received any funding from UGC during the year?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
If yes, mention the amount	<input type="text"/>
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="1"/> International <input type="text"/> National <input type="text"/> State <input type="text"/> Institution Level <input type="text" value="1"/>
(ii) Themes	<input type="text" value="Student Centric"/>

## 2.14 Significant Activities and contributions made by IQAC

IQAC has actively involved in maintaining the quality with in this esteemed institute. This year being the Centenary year of the parent institute the activities to be conducted as decided by the Principal and University authorities are as follows:

1. The celebrations of the centenary year started with a grand inaugural function by inviting ISRO Director as Chief guest and Higher Education Minister and all other prominent personalities of the District (Ministers, MLA's syndicate members , academic council members) Retired teachers, Principals, Alumni and the students, ended by a Cultural programme by Alumni and students.
2. A special lecture on “**Challenges and opportunities during and after B. Sc Course**” delivered by alumnus Miss. M. Siddheshwari, DRFO, Sirsi on 7<sup>th</sup> February, 2018.
3. A seminar on” **Trends in Botany**” **Priorities and Challenges** was conducted along with the XXXIII Annual Botany Teachers Conference on 10 & 11<sup>th</sup> March, 2018.
4. Two **Extension Programmes** were conducted;
  - Akka Ladies Association, Botany and Geography Departments for the Rural forest dwellers in Bukkankoppa village, Haliyal taluk.
  - Zoology department conducted in Surashettikoppa village, Varur, Hubballi taluk.
5. Two **workshops** were organised by the Zoology department;
  - Vermiculture and Vermicomposting.
  - Two day State level Workshop on Quality Control, Microbiology at Pharmaceutical Industries.
6. Concentrating on good teaching in terms of completing the portions, making the students understand and over all expertise, knowledge and skills.
  - Encouraging the teachers to orient towards research by way of MRPs, Ph.D students, attending various conferences and workshops.
  - Students are guided by all teaching staff in adjusting to the present academic scenario by means of linking the past studied and upgrading to the present syllabus as many students are from the rural areas.
  - Counseling of students.
  - Encouraging the students to participate in community service and sensitizing them towards environmental issues.
  - Maintaining clean and healthy environment on the campus and amongst the students.
  - Monitoring and evaluating the performance of the teaching learning activities. Every year all activities of the college are furnished in the Varnasaptaka - the college miscellany which is distributed to all stake holders.

## 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 programs planned in the minutes of the meeting have been achieved by the end of the year \*

Plan of Action	Achievements
<b>Annexure ii (A &amp; B)</b>	

\* Attach the Academic Calendar of the year as Annexure.

2.16 Whether the AQAR was placed in statutory body; Yes  No

Management  Syndicate  Any other body

Provide the details of the action taken

- It will be placed before the governing body of the college in 2018-19.

## Part – B

### Criterion – I

#### I. Curricular Aspects

##### 1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
Ph. D	01 (7-subjects)	00	00	00
PG	01 (3-subjects)	00	01 (3-subjects)	00
UG	03 (14-subjects)	00	00	00
PG Diploma	-	-	-	-
Advanced Diploma	-	-	-	-
Diploma	-	-	-	-
Certificate	-	-	-	-
Others	-	-	-	-
Interdisciplinary	-	-	-	-
Innovative	-	-	-	-
<b>Total</b>	<b>03</b> (24-subjects)	<b>00</b>	01 (3-subjects)	<b>00</b>

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

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	Odd & Even semesters in a year for all UG and PG Programmes.
Trimester	-
Annual	-

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

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

**(Annexure iii enclosed).**

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

Karnatak University, Dharwad revises the syllabus.

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

Nil

## Criterion – II

### 2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty	Total	Asst. Professors	Associate Professors	Professors	Others
	42	17	25	-	01

2.2 No. of permanent faculty with Ph.D.

32

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
-	-	-	-	-	-	-	-	-	-

2.4 No. of Guest and Visiting faculty and Temporary faculty

21

-

47

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/ conference, Workshops	05	25	13
Presented papers	05	24	-
Resource Persons	-	05	09



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

- Department of Botany helps teachers and students of other institutions by providing certain plant samples as per the syllabus on request.
- Slow learners are identified by staff and supported by them then and there.
- All specimens and plant materials are grown in the department for ample learning facilities and opportunities.
- Lecture series by renowned scientists are arranged by Science Association and all departmental study circles.
- Use of ICT in teaching and learning, teacher's study materials (soft copy, PPTs, PDF presentations) are shared with the students.
- Most teachers have taken one MRP (minor or major in the past or present) and from their project utilize their Laptops and computers to support ICT.
- Visit to Industries, institutional are arranged as part of their curriculum in order to acquire better know how.
- Principal initiates extra classes to be taken to see to those students who have 70-74 % would be able to attend the practical exams.

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

180

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

- Bar Coding
  - Revaluation
  - Photocopy on request
  - MCQ for IC&HR
- All are practiced by Karnatak University, Dharwad

2.9 No. of faculty members involved in curriculum/ restructuring/revision/syllabus development as member of Board of Study (BOS): Chem-01(P.C. Jabin, Hubballi), Crim-01(KUD), Bot-01 (KUD), BCA-01, Geography-01(Mysuru & RLS, Belagavi) Geol-03 (UG, Mysuru, UG & PG, KUD, UG&PG Sahyadri Autonomous College, Shivamogga). Members of BOE: BCA -02, Geography-01(RLS, Aut, College, Belagavi & KUD.Ext), Geology-03 (Kuvempu Uni. Shimogga, RC Uni. Belagavi, Jyana Bharathi Bengaluru & Sahyadri Autonomous College, Shivamogga), Crim-01(KUD).

BOS: 08

BOE: 07

2.10 Average percentage of attendance of students

90

2.11 Course/Programme wise distribution of pass percentage:

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
B. Sc	<b>Annexure iv</b>					
B. Sc (CS)						
BCA						

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

- Feedback from students obtained annually.
- Seminars and conferences are attended by the faculty to boost their quality of teaching
- The standard of academics and infrastructure available are verified.
- Apart from the conventional methods, optimum use of ICT enabling teaching – learning environment is provided in the class rooms.
- Slow learners are identified and mentoring system individually to promote better learning habits there and then. Advance learners are further encouraged.
- IQAC also maintains a counselling register.
- Awareness of the surroundings and protection of wild and flora by preparing the checklist of campus flora and fauna.

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	Most of the staff has obtained their requirements.
UGC – Faculty Improvement Programme	
HRD programmes	
Orientation programmes	
Faculty exchange programme	
Staff training conducted by the university/institution	
Staff training conducted by other institutions	
Summer / Winter schools, Workshops, etc.	Workshops: National-03/ State-02
Others	Symposium: National-03

## 2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	33 (01 artist in Crim)	-	-	57
Technical Staff	No specific appointments			

## Criterion – III

### 3. Research, Consultancy and Extension

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

- Encouraging the teachers to apply for major and minor research projects.
- To conduct National and International conferences and present their research papers.
- Faculty members are involved in igniting the academic and extra-curricular activities among students. The activities involve the preparation of scientific models, exhibits and manuscripts (articles / essays).
- In addition, the study-circles invite resource persons to deliver special lectures on topics of contemporary interest. This helps in developing a zeal for performing research among the students.
- The institute accepts manuscripts to be published in its annual magazine 'Varna-Sapthaka'. The contributors are mainly students.
- Under graduate students are encouraged to attend summer training courses, workshops and scientific sessions conducted by various research institutions. Some of them have attended conferences to present their research work from Biotechnology and seminar by Zoology students.

#### 3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	01	-	-
Outlay in Rs. Lakhs	-	41,92,199/-	-	-

#### 3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	03*	-	-
Outlay in Rs. Lakhs	-	2,70,000/-	-	-

\* Note: 02 Minor projects have not been submitted, as second instalment is not received.  
01 Minor project has taken extension.

3.4 Details on research publications

	International	National	Others
Peer Review Journals	22	12	--
Non-Peer Review Journals	--	--	--
e-Journals	02	--	--
Conference proceedings	--	06	--

3.5 Details on Impact factor of publications:

Range  Average  h-index  Nos. in SCOPUS

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

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major Projects	2017-18	-	-	-
Minor Projects	2017-18	-	-	-
Interdisciplinary Projects			-	
Industry sponsored			-	
Projects sponsored by the University/ College			-	
Students research projects <i>(other than compulsory by the University)</i>	-	-	-	-
Any other(Specify)			-	
Total	2017-18	-	-	-

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

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

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

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

3.10 Revenue generated through consultancy

3.11 No. of conferences/ seminar organized by the Institution

Level	International	National	State	University	College
Number	-	02	-	-	-
Sponsoring agencies	-	PDA of college	-	-	-

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

3.13 No. of collaborations: International  National  Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs:

From Funding agency

Major Project-1	Amount sanctioned	11,25,147/-
Minor Project-2	Amount yet to be sanctioned	1,60,000/-

From Management of University/College

Total

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	-
	Granted	-
International	Applied	-
	Granted	-
Commercialized	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
03	01	01	01	-	-	-

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

and students registered under them

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

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

JRF  SRF  Project Fellows  Any other

3.21 No. of students Participated in NCC events:

University level  State level   
National level  International level

3.22 No. of students participated in NSS events:

University level  State level   
National level  International level

3.23 No. of Awards won in NCC:

University level  State level   
National level  International level

3.24 No. of Awards won in NSS:

University level  State level   
National level  International level

3.25 No. of Extension activities organized

University forum  College forum   
NCC  NSS  Any other

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

- The NSS has conducted an extension program under ‘**Swach Bharat Abhiyan**’ at Belligatti village, Dharwad Taluk and District on 12<sup>th</sup> -18<sup>th</sup> September, 2017. NSS volunteers (37 Boys & 13 Girls) participated in the construction of **55 toilets** and involved in Cleanliness Awareness Programme in the village.
- Blood donation camp was conducted by NSS, NCC and Red Cross Unit on 10<sup>th</sup> March, 2018 at Karnatak College Campus Dharwad. 100 students participated of which 30 students donated.
- In service training for the school teachers by staff of Department of Physics.
- Department of Botany extended resources to other colleges by the way of study material and plant specimens to Kittel Science College, Dharwad, JSS Science College, Dharwad and G.H. College, Haveri.

- Two Extension Programmes were conducted by;
  - i). AKKA Ladies Association, Department of Botany and Geography organized two days Extension Programme for the Rural Forest Dwellers in Bukankoppa Village, Haliyal taluk on 16<sup>th</sup> & 17<sup>th</sup> February, 2018. This was awarded as the best extension programme conducted.
  - ii). One day Extension Programme on “Health Awareness for Rural Women” was organized at Surashettikoppa Village, Varur, Hubballi Taluk, Dharwad district on 27<sup>th</sup> February 2018.
- Physics department arranged for viewing the solar eclipse on July, 2018 in the Department of Physics to observe the red blood moon.

## Criterion – IV

### 4. Infrastructure and Learning Resources

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

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	55 acre	Nil	-	55 acre
Class rooms	23	02	-	25
Laboratories	30	-	-	30
Seminar Hall	01	-	-	01
No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year.	-	-	-	-
Value of the equipment purchased during the year (Rs. in Lakhs)	-	-	-	-
Others	01	-	DST	13,02,980.00

#### 4.2 Computerization of administration and library

- Marks list of Internal Assessment.
- Admission of students.
- Attendance of students.
- Scholarships to the students.
- Time Table.
- Details of college on college website.
- Internal Marks -1<sup>st</sup> and 2<sup>nd</sup> Tests, Theory and Practical.
- Profile of the teachers on the web site.
- All notices

#### 4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books & Reference Books	1,79,321	5,17,32,776/-	524	2,24,092/-	1,79,845	5,19,56,868/-
Subscribers through N-List E-Books	93809	5,000/-	342000	5750	435809	10,750/-
Journals & News papers	28	22000/-	Nil	Nil	28	22,000/-
Subscribers through N-List e-Journals	4137	5000/-	2100	5750	6,237	10,750/-
Digital Database	Mathsci Net	Subscribes through N-List	Nil	Nil	Mathsci Net	Subscribes through N-List
CD & Video	882	Free with Books	24	Free with Books	906	Free with Books
Others (specify)	Nil	Nil	Nil	Nil	Nil	Nil

#### 4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
<b>Existing</b>	<b>148</b>	<b>PHY-40 BCA-42</b>	<b>At 11departments Wi-Fi or BSNL broad band</b>	<b>05</b>	<b>-</b>	<b>08</b>	<b>38</b>	<b>20</b>
Added	01	-	-	-	-	-	01	-
Total	149	82	11	05	-	08	39	20

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

Internet access is available to staff and students at library and some departments.
---



4.6 Amount spent on maintenance in lakhs:

i) ICT	2,88,630/-
ii) Campus Infrastructure and facilities	6,71,371/-
iii) Equipments	5,77,272/-
iv) Others	5,89,242/-
<b>Total :</b>	<b>21,26,515/-</b>

## Criterion – V

### 5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- Through letter correspondence
- Through circulars
- Information written or displayed on notice boards.

5.2 Efforts made by the institution for tracking the progression

- Scrutiny of their performance, counselling of the students to perform better.
- Provide notes and books and guidance.
- Discuss the important topics and old question papers.

5.3 (a) Total Number of

UG	PG	Ph. D.	Others
1258	194	56	Nil

students

(b) No. of students outside the state

06

(c) No. of International students

-

No	%
651	51.74

Men

No	%
857	68.12

Women

Course	This Year						Last Year					
	General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
UG	254	203	94	702	05	1258	422	180	71	391	01	1065
PG	60	16	07	110	01	194	81	21	07	88	00	197
Ph. D	26	15	00	15	00	56	24	04	02	05	00	35

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

Nil

No. of students beneficiaries

5.5 No. of students qualified in these examinations

NET	<input style="width: 40px;" type="text" value="-"/>	SET/SLET	<input style="width: 40px;" type="text" value="-"/>	GATE	<input style="width: 40px;" type="text" value="-"/>	CAT	<input style="width: 40px;" type="text" value="-"/>
IAS/IPS etc	<input style="width: 40px;" type="text" value="-"/>	State PSC	<input style="width: 40px;" type="text" value="-"/>	UPSC	<input style="width: 40px;" type="text" value="-"/>	Others	<input style="width: 40px;" type="text" value="-"/>

5.6 Details of student counseling and career guidance

No. of students benefitted

- SNEHA Counseling Cell of the AKKA Ladies Association had invited Dr. Mitaxari Kulkarni (Dermatologist, Hubballi) who advised girl students on skin and other related problems on 6-01-2018.
- IQAC have also counselled students. Six students were benefitted.

5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
03	36	05*	--
<b>Annexure v</b>			
*Most of the students prefer for higher degrees rather than recruitment.			

5.8 Details of gender sensitization programmes

- AKKA Ladies Association Chaired by Lalitha R. Naik conducted one day workshop on 6-01-2018 entitled ‘Tips for Healthy Skin with advanced treatments’. Chief Guest: Dr. Mitaxari Kulkarni Dermatologist & Cosmetologist, Hubballi enlightened the girl students on taking care of their skin and other related problems. Principal, Dr. C. F. Mulimani presided over the function.
- Chief Guest: Smt. Anupama Pandurangi, Psychologist, Dharwad delivered a talk on ‘How to Face the Examination and Uses, advantages, disadvantages of Social Media’ for UG girls on 16-03-2018. Principal, Dr. C. F. Mulimani presided over the function.

## 5.9 Students Activities

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

State level  University level   
 National level  International level

### No. of students participated in cultural events

State level  University level   
 National level  International level

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

**Sports:** State level  University level

National level  International level

**Cultural:** State Level  University level

National level  International level

## 5.10 Scholarships and Financial Support: (Annexure vi)

	Number of students	Amount
Financial support from institution	-	-
Financial support from government	709	27,95,621/-
Financial support from other sources	-	-
Number of students who received International / National recognitions	-	-

### 5.11 Student organized / initiatives

Fairs : State/ University level  National level  International level

Exhibition: State level  National level  International level

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed:

## Criterion – VI

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

6.1 State the Vision and Mission of the institution

**Annexure vii**

6.2 Does the Institution has a Management Information System

**Annexure viii**

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

6.3.1 Curriculum Development

- Revised syllabus is framed according to University norms.
- Teacher forms and associations in various subjects meet and discuss these changes are put forward in the BOS and ensure changes whenever the need arises.

6.3.2 Teaching and Learning

- In addition to attending and presenting in International & National conferences the teachers are encouraged to attend.
- Workshops – 04 (Nat-06, State-06)
- Two Workshops were conducted (Zoology-02; AKKA Ladies Association-02).
- Special lectures were conducted under Science Association, different department's Study Circles, IQAC (01), Centenary celebrations.
- Extension programmes – 02 (Zoology).
- Study tours (Chemistry, Botany, Zoology, Industrial Fisheries, Microbiology, Geology).
- Home assignments and small projects (under practicals).

6.3.3 Examination and Evaluation

- Internal and Home Assessment tests both theory and practical's are conducted and evaluated and sent to the University.

#### 6.3.4 Research and Development

- Ph. D students are admitted to the college through an entrance exam conducted by the University and Ph. D course work in the respected department. There are 56 Ph. D students at present under various guides.
- Other conditions for entry of students are revised as per the University regulations.
- On-going Projects: Major – 01; Minor – 02.
- Students are encouraged to take up research projects and present the papers.
- Papers Published by Teachers Total No: 45 (National - 21 ; International- 24)

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

- Computers.
- Equipments to the laboratories.
- Wi-Fi technology enhanced CCTV cameras are also available on the premises.
- Details of Instrumentation.... (**Annexure ix**)

#### 6.3.6 Human Resource Management

All management activities are directed by the Karnatak University and approved by them.

#### 6.3.7 Faculty and Staff recruitment

Recruitment of staff and faculty are done by Karnatak University, Dharwad, as per UGC norms.

#### 6.3.8 Industry Interaction / Collaboration

Students are taken to the Industries and Research Laboratories to enhance their skills- CFTRI, KIDNAR, Industries and Universities. These industry integrated programmes will help bridge the gap.

#### 6.3.9 Admission of Students

- Merit cum Roster system as per Government of Karnataka and Karnatak University, Dharwad.

#### 6.4 Welfare schemes for

Teaching staff	LTC, HTC, EL, Loans from Employers Association, PPF.
Non teaching staff	LTC, HTC, EL, Commuted leave, Loans from Employers Association.
Students	Scholarships, Cash prizes, counseling,.

#### 6.5 Total corpus fund generated

University Corpus fund as we are constituent college.

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	-	KU, Dharwad	-	-
Administrative	-	KU, Dharwad	-	-

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

For UG Programmes    Yes     No     Not Applicable

For PG Programmes    Yes     No     Not Applicable

(As ours is a Constituent college, Karnatak University, Dharwad declares the result).

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

NA

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

NA

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

**Annexure x**

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

NA

#### 6.13 Development programmes for support staff

- Every department provides training to the lab assistants before the commencement of the practicals.
- The field workers are provided with adequate information regarding the collection of specimens for the practicals.
- For setting up of weekly practical experiments the new assistants (lab assistants, attenders) are trained by the teachers before the experiments.

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

- It is a continuous endeavour in the campus to enhance greenery.
- Departmental gardens are maintained.
- Rain water harvest.
- LED bulbs

### **Criterion – VII**

#### **7. Innovations and Best Practices**

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

- ❖ Award of scholarships/ fellowships to meritorious students and research students.
- ❖ Conducted Awareness programmes on diversity of college campus.
- ❖ Free medical facility to students and staff.
- ❖ Botanical Specimens are grown in the Department of Botany and shared with other colleges as and when they approach us.

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

**Annexure xi**

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

1. Addressing Life challenges and Psycho-social problems among adolescent girl students.
2. Decentralising administration and educating the faculty and students to understand and involve in training activities in a broader sense.

7.4 Contribution to environmental awareness / protection

- Rescue and Protection of Local Wildlife of the campus.
- Checklist of Fauna of the College Campus (on going).
- Rain water harvesting at Dept. of Chemistry.
- Working Vermicomposting pit at Dept. of Zoology.
- Medicinal plants.
- Ramps at Dept. of Chemistry and BCA.

7.5 Whether environmental audit was conducted?

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

**Annexure xii**



## Plans of institution for next year

- ❖ To maintain Calendar of events as far as possible.
- ❖ To strengthen the co-curricular and extra-curricular activities of students.
- ❖ Principal was requested to construct a new committee from the year 2018-19 so as to initiate the various functions of the college as the present committee is busy in the NAAC preparation.

*Devi. m. Singh*  
IQAC Co-ordinator  
Karnatak Science College  
Dharwad

IQAC Co-ordinator

*[Signature]*  
Principal

## Annexure I

### Abbreviations:

CAS	-	Career Advanced Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	Centre for Excellence
COP	-	Career Oriented Programme
CPE	-	College with Potential for Excellence
DPE	-	Department with Potential for Excellence
GATE	-	Graduate Aptitude Test
NET	-	National Eligibility Test
PEI	-	Physical Education Institution
SAP	-	Special Assistance Programme
SF	-	Self Financing
SLET	-	State Level Eligibility Test
TEI	-	Teacher Education Institution
UPE	-	University with Potential Excellence
UPSC	-	Union Public Service Commission
SWO	-	Student Welfare Officer.

\*\*\*\*\*

## **Annexure ii (A)**

The IQAC convened the meeting of the , Registrar, IQAC Chairperson, Heads of the Department, , Students Welfare Officers, Placement Officer, NCC Officer, NSS Program Officer and representative of Women's Association, Alumni, representative students to discuss and evaluate the targets and achievements for quality sustenance and enhancement for the year 2017-18. Evaluating the program of the previous year 2016-17, the IQAC identified the priority areas and prepared the plan of action to be adopted for the year 2017-18.

- To adhere to the calendar of events as far as possible.
- To strengthen all the co-curricular and extracurricular activities.
- To conduct National Conferences from various departments.
- To strengthen and maintain research activities of teachers.
- This year being the Centenary year of the parent institute. Initiations were made by organizing number of lectures and cultural events by alumni and eminent personalities.
- To administer feedback and evaluation for better functioning of the institution.
- To continue with the rescue and conservation of biodiversity on the college campus.
- To prepare for the NAAC visit.

## Annexure i (B)

## CALENDAR OF EVENTS FOR B.Sc. SEM – I, III &amp; V: 2017-18

KARNATAK UNIVERSITY'S KARNATAK SCIENCE COLLEGE, DHARWAD CALENDAR OF EVENTS FOR B.Sc./BCA SEM – I, III & V: 2017-18										
Week No.	Month	Week days							Work days	Academic Events/ Co-Curricular Activities
		Mon	Tue	Wed	Thu	Fri	Sat	Sun		
1	June/ Jul		27	28	29	30	1	2	05	27-1 - Bridge Course for Sem I,III, V Students
2	Jul	3	4	5	6	7	8	9	06	
3	Jul	10	11	12	13	14	15	16	06	
4	Jul	17	18	19	20	21	22	23	06	21- Selection of Students Association for Gymkhana
5	Jul	24	25	26	27	28	29	30	06	
6	Jul / Aug	31	1	2	3	4	5	6	06	1- Monthly Attendance Report 2- Selection of Team Members for various sports
7	Aug	7	8	9	10	11	12	13	06	9 - Founders Day 12-Selection of Science Association & Study Circle Secretaries
8	Aug	14	15	16	17	18	19	20	04	14- Local Holiday (Last Shravana) 15 - Celebration of Independence day
9	Aug	21	22	23	24	25	26	27	05	23 - Welcome to Fresher & Inugn. of Gymk. & Cult. Activity 25 - Ganesh Chaturthi 26 - Inaug. of Sci. Association
10	Aug/ Sep	28	29	30	31	1	2	3	05	28-1 First Internal Assgn Test 2 -Bakrid
11	Sep	4	5	6	7	8	9	9	06	4- Monthly Attendance Report 5- Formative Feedback from Students 9- Alumni Association meet
12	Sep	11	12	13	14	15	16	17	06	11- Display of First IA Result
13	Sep	18	19	20	21	22	23	24	05	18 - Science Association Function-I, 19 - Mahalaya Amavasi
14	Sep/ Oct	25	26	27	28	29	30	1	04	23-28 - Second Internal Assgn Test 29-Mahanavami 30 -Vijayadashmi 1-Moharam
15	Oct	2	3	4	5	6	7	8	04	2 - Gandhi Jayanthi 5- Walmikhi Jayanti 3- Monthly Attendance Report
16	Oct	9	10	11	12	13	14	15	06	3-14- Internal Practical Test 15 - Parents Meet.
17	Oct	16	17	18	19	20			04	16- Display of Second IA Theory Result 17 - Display of IP Test Result, 18-Naraka chaturdasi 19- Summative Feed back from students 20- Summative Attendance Report of the First Term and the last working day.
<b>TOTAL WORKING DAYS - 90</b>										
COLLEGE REOPENS FOR II, IV & VI SEMESTER ON : 30-11-2017										
HOLIDAYS					COCURRICULAR ACTIVITIES			INT. THEORY & PRACT. EXAMS		
MONTHLY ATTENDANCE REPORT					FEED BACK REPORT			DISPLAY OF IA RESULTS		
BRIDGE COURSE								ALUMNI ASSOCIATION & PARENTS MEET		

Sd/- Principal

**Karnatak University's  
Karnatak Science College, Dharwad  
CALENDAR OF EVENTS FOR B.Sc./BCA/B.Sc.(CS) SEM – II, IV & VI: 2017-18**

Week No.	Month	Week days							Work days	Academic Events/ Co-Curricular Activities
		Mon	Tue	Wed	Thu	Fri	Sat	Sun		
1	Dec	11	12	13	14	15	16	17	06	8-16-Bridge course
2	Dec	18	19	20	21	22	23	24	06	20- Science Association / Study Circle Programmes
3	Dec	25	26	27	28	29	30	31	05	25-Christmas
4	Jan	1	2	3	4	5	6	7	06	1 - Monthly Attendance Report
5	Jan	8	9	10	11	12	13	14	06	12- Swami Vivekanada Jayanti
6	Jan	15	16	17	18	19	20	21	05	15- Makara Sankranti 21- Parents Meet
7	Jan	22	23	24	25	26	27	28	05	22- Science Association / Study Circle Programmes 26- Republic Day & Co-curricular Activities 27- Formative Feedback from Students
8	Jan/ Feb	29	30	31	1	2	3	4	06	1- Monthly Attendance Report
9	Feb	5	6	7	8	9	10	11	06	5-8 – First Internal Theory Exams / 8-10- Practical 1 <sup>st</sup> IA Exam(BCA & B.Sc. (CS) only)
10	Feb	12	13	14	15	16	17	18	05	13- Mahashivaratri 17-Display of IA result
11	Feb	19	20	21	22	23	24	25	06	25-Alumni Association Meet
12	Feb/ Mar	26	27	28	1	2	3	4	06	28- Science Association / Study Circle Programmes 1- Monthly attendance report
13	Mar	5	6	7	8	9	10	11	06	
14	Mar	12	13	14	15	16	17	18	06	13-16 –Second Internal Theory Exams
15	Mar	19	20	21	22	23	24	25	06	20-Cocurricular activity-Rank Holder's felicitation 21- Display of IA result
16	Mar	26	27	28	29	30	31		04	17-28- Practical IA Exam (B.Sc.) & Practical 2 <sup>nd</sup> IA Exam(BCA & B.Sc. (CS)) 29- Mahaveer Jayanti. 30 - Good Friday 31- Total Attendance Report & last working day
									90	
<b>TOTAL WORKING DAYS - 90</b>										
<b>COLLEGE REOPENS FOR I/III / V SEMESTERS ON: 01-06-2018</b>										
<b>HOLIDAYS</b>			<b>COCURRICULAR ACTIVITIES</b>				<b>INT. THEORY &amp; PRACT. EXAMS</b>			
<b>MONTHLY ATTENDANCE REPORT</b>			<b>FEED BACK REPORT</b>				<b>DISPLAY OF IA RESULTS</b>			
<b>BRIDGE COURSE</b>							<b>ALUMNI ASSOCIATION &amp; PARENTS MEET</b>			

Sd/- Principal

### Annexure iii

Feedback Analysis of Teachers:

<b>Total No. of Teachers</b>	<b>Very Good</b>	<b>Good</b>	<b>Satisfactory</b>
43	25	18	-

Note: Grading given by the Third Party

<b>Scores / Grade</b>	<b>Standard Format</b>	<b>Report format</b>
4.00 – 3.00	Very Good	Accepted
3.00 – 2.00	Good	Improvement Requested
2.00 – 1.50	Satisfactory	Not acceptable
1.50 – 0.00	Unsatisfactory	Rejected

#### Annexure iv

### Course / Programme Wise Distribution of Pass Percentage RESULT ANALYSIS OF B.SC. COURSES

#### B. Sc. I Semester Nov. /Dec. 2017-18

Sl. No	Description of Result	Male	Female	Total
1	Total No. of Students Appeared	156	209	365
2	Distinction	25	69	94
3	No. of Students First Class	48	76	124
4	No. of Students Second Class	20	15	35
5	No. of Students Pass Class	01	01	02
6	No. of Students Failed	62	48	110

#### B.Sc. II Semester May/June, 2017-18

Sl. No	Description of Result	Male	Female	Total
1	Total No. of Students Appeared	141	202	343
2	Distinction	35	101	136
3	No. of Students First Class	48	60	108
4	No. of Students Second Class	07	04	11
5	No. of Students Pass Class	00	00	00
6	No. of Students Failed	51	37	88

#### B.Sc. III Semester Nov. /Dec. 2017-18

Sl. No.	Description of Result	Male	Female	Total
1	Total No. of Students Appeared	139	210	349
2	Distinction	51	138	189
3	No. of Students First Class	42	37	79
4	No. of Students Second Class	05	07	12
5	No. of Students Pass Class	00	00	00
6	No. of Students Failed	41	28	69

#### B.Sc. IV Semester May / June, 2017-18

Sl. No.	Description of Result	Male	Female	Total
1	Total No. of Students Appeared	133	214	347
2	Distinction	32	136	168
3	No. of Students First Class	57	49	106
4	No. of Students Second Class	11	06	17
5	No. of Students Pass Class	00	01	01
6	No. of Students Failed	33	22	55

#### B.Sc. V Semester Nov./Dec. 2017-18

Sl. No.	Description of Result	Male	Female	Total
1	Total No. of Students Appeared	133	172	305
2	Distinction	67	106	173
3	No. of Students First Class	38	37	75
4	No. of Students Second Class	11	12	23
5	No. of Students Pass Class	02	00	02
6	No. of Students Failed	15	17	32

**B.Sc. VI Semester May / June, 2017-18**

Sl. No	Description of Result	Male	Female	Total
1	Total No. of Students Appeared	133	173	306
2	Distinction	61	96	157
3	No. of Students First Class	30	36	66
4	No. of Students Second Class	06	09	15
5	No. of Students Pass Class	01	00	01
6	No. of Students Failed	35	32	67

**RESULTS ANALYSIS OF B.C.A COURSES****B.C.A I SEMESTER NOV / DEC – 2017-18**

Sl. No.	Description of Result	Male	Female	Total
1	Total No. of Students Appeared	20	37	57
2	Distinction	08	19	27
3	No. of Students First Class	06	10	16
4	No. of Students Second Class	01	02	03
5	No. of Students Pass Class	00	01	01
6	No. of Students Failed	05	05	10

**B.C.A II SEMESTER APRIL / MAY – 2017-18**

Sl. No.	Description of Result	Male	Female	Total
1	Total No. of Students Appeared	18	38	56
2	Distinction	10	26	36
3	No. of Students First Class	01	03	04
4	No. of Students Second Class	05	02	07
5	No. of Students Pass Class	00	00	00
6	No. of Students Failed	02	07	09

**B.C.A III SEMESTER NOV / DEC – 2017-18**

Sl. No.	Description of Result	Male	Female	Total
1	Total No. of Students Appeared	23	29	52
2	Distinction	11	26	37
3	No. of Students First Class	02	03	05
4	No. of Students Second Class	05	00	05
5	No. of Students Pass Class	00	00	00
6	No. of Students Failed	05	00	05

**B.C.A IV SEMESTER APRIL / MAY – 2017-18**

Sl. No.	Description of Result	Male	Female	Total
1	Total No. of Students Appeared	22	29	51
2	Distinction	10	25	35
3	No. of Students First Class	01	02	03
4	No. of Students Second Class	01	02	03
5	No. of Students Pass Class	00	00	00
6	No. of Students Failed	10	00	10



**B.C.A V SEMESTER NOV / DEC – 2017-18**

Sl. No.	Description of Result	Male	Female	Total
1	Total No. of Students Appeared	25	20	45
2	Distinction	04	16	20
3	No. of Students First Class	04	02	06
4	No. of Students Second Class	05	01	06
5	No. of Students Pass Class	01	00	01
6	No. of Students Failed	11	01	12

**B.C.A VI SEMESTER APRIL / MAY – 2017-18**

Sl. No.	Description of Result	Male	Female	Total
1	Total No. of Students Appeared	25	20	45
2	Distinction	05	17	22
3	No. of Students First Class	08	20	10
4	No. of Students Second Class	04	00	04
5	No. of Students Pass Class	02	00	02
6	No. of Students Failed	06	01	07

**RESULTS ANALYSIS OF B. Sc (CS) COURSES****B. Sc (CS) I SEMESTER NOV / DEC – 2017-18**

Sl. No.	Description of Result	Male	Female	Total
1	Total No. of Students Appeared	18	12	30
2	Distinction	05	04	09
3	No. of Students First Class	02	01	03
4	No. of Students Second Class	00	00	00
5	No. of Students Pass Class	00	00	00
6	No. of Students Failed	11	07	18

**B. Sc (CS) II SEMESTER APRIL /MAY – 2017-18**

Sl. No.	Description of Result	Male	Female	Total
1	Total No. of Students Appeared	12	34	46
2	Distinction	01	07	08
3	No. of Students First Class	02	11	13
4	No. of Students Second Class	03	04	07
5	No. of Students Pass Class	00	00	00
6	No. of Students Failed	06	12	18

**B. Sc (CS) III SEMESTER NOV / DEC – 2017-18**

Sl. No.	Description of Result	Male	Female	Total
1	Total No. of Students Appeared	06	18	24
2	Distinction	02	16	18
3	No. of Students First Class	01	00	01
4	No. of Students Second Class	03	02	05
5	No. of Students Pass Class	00	00	00
6	No. of Students Failed	00	00	00

**B. Sc (CS) IV SEMESTER APRIL / MAY – 2017-18**

<b>Sl. No.</b>	<b>Description of Result</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>
1	Total No. of Students Appeared	16	22	38
2	Distinction	05	11	16
3	No. of Students First Class	02	03	05
4	No. of Students Second Class	02	03	05
5	No. of Students Pass Class	00	01	01
6	No. of Students Failed	07	04	11

**B. Sc (CS) V SEMESTER NOV / DEC – 2017-18**

<b>Sl. No.</b>	<b>Description of Result</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>
1	Total No. of Students Appeared	11	23	34
2	Distinction	05	14	09
3	No. of Students First Class	04	06	10
4	No. of Students Second Class	00	02	02
5	No. of Students Pass Class	00	00	00
6	No. of Students Failed	02	01	03

**B. Sc (CS) VI SEMESTER APRIL / MAY – 2017-18**

<b>Sl. No.</b>	<b>Description of Result</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>
1	Total No. of Students Appeared	15	12	27
2	Distinction	04	08	12
3	No. of Students First Class	02	02	04
4	No. of Students Second Class	02	01	03
5	No. of Students Pass Class	01	00	01
6	No. of Students Failed	06	01	07

## Annexure v

### Placement Services Provided to Students:

Students selected through campus interview for BCA & B. Sc (CS): 2017-18

Sl. No.	Company Name	Colleges participated	Name of selected students	Course	Nature of Work
I	INFOSYS	KSCD	Shwetha Rane	B. Sc (CS)	Tr. Engineer
II	TCS	KSCD	Shruthi Angadi	BCA	Tr. Engineer
			Likhith Hegde	B. Sc (CS)	Tr. Engineer
			Basavraj Kammar	B. Sc (CS)	Tr. Engineer
III	CAPEGEMINI	KSCD	Priyanka Ganachari	B. Sc (CS)	Tr. Engineer
			Basavraj Kammar	B. Sc (CS)	Tr. Engineer

## Annexure vi

### 5.10: Scholarships and Financial support:

Sl. No	Name of the Scholarship	Funding Agency			Amount in Rs.	Name of the Student
		Institute	Individual Person	Government		
1	Fee Concession Scheme	Backward Classes Welfare Department	-	Govt. of Karnataka	23,92,520/-	Sanction List of 583 UG Students enclosed
2	Post Matric Scheme Fee Amount	Social Welfare Department	-	Govt. of Karnataka	4,03,101/-	Sanction list of 126 UG Students enclosed (As issued by TSWO till 14-9-2018)
3	Central Sector Scheme of Scholarships for College and University Students	Ministry of Human Resource Development	-	Govt. of India	Data not available in National Scholarship Portal	Data not available in National Scholarship Portal
4	Post Matric Scholarships Scheme for Minorities	Ministry of Minority Affairs	-	Govt. of India	Data not available in National Scholarship Portal	Data not available in National Scholarship Portal

## **Annexure vii**

### **VISION**

Just, Equitable, Tranquil, Harmonious, Social Order, With Scientific Temperment

### **MISSION**

- To enhance student's ability to make them special and thereby creating experiences so surprisingly positive and memorable.
- Providing variety of options for delivering dazzling science education to our students.
- To offer invigorating experiences in a way that build confidence and creates sustainable positive defining moments.
- To inspire students to do what they say they will.
- To help students to network with people who have common needs and interests to do something little extra.
- Providing necessary infrastructure to generate talented human resource pool, which will be useful to our society at large.
- To transform students into sharp thinkers, writers, speakers and leaders in the professions of their choice.
- To instill scientific temperament in younger generation.

### **GOALS**

- Imparting total quality education of pure Sciences.
- Providing the curriculum relevant to societal needs.
- Create awareness about development in Science and Technology.
- Sensitizing the global competencies among youth.
- Inculcating sense of National character contribution to National integration and development.
- Creating pleasant environment to achieve excellence in curricular, co-curricular and extra – curricular activities.
- Establish Memorandum of Understanding (MOU) with neighboring industries.
- Empowering students to take up challenging career opportunities.
- Designing action plan for helping physically challenged persons, slow learners and students from rural background.
- Encouraging girl students to face life challenges independently.

## **Annexure viii**

### **Management Information System (MIS)**

- Administrative procedures including finance are regularly notified by means of News papers & and website.
- Student admission through Merit and Roster system as per the Karnataka State Government and Karnatak University, Dharwad rules.
- Student records are well maintained in respective departments and in college.
- Evaluation and examination procedures are notified at college display boards and website.
- Research administration is managed through regular notifications and circulars to external universities, colleges, website and leading scientific journals.
- Research student's attendance and course work are maintained in the individual departments.
- Administrative letters are forwarded through Principal, CDC, Registrar and Vice-Chancellor.
- Procurements are made by obtaining quotations and through purchase committee as per the State Government or Karnatak University, Dharwad rules.

**Annexure ix**

**Statement of Expenditure: Details of the instruments.**

Sl. No	Particulars	No. of Items	Price in Rs. (Inclusive of Tax)		
			PDA	KUD Budget Head	Project
<b>Dept. of Chemistry</b>					
1	Distilled water plant (Glass distillation)	01	-	33,630.00	-
2	Platinum electrode	01	4800.00	-	-
3	Calomel Electrode	01	-	6,490.00	-
4	Photoelectric colorimeter digital	01	-	22,420.00	-
5	Electronic Balance	01	-	-	93,850.00
6	Temperature controlled hot air oven	01	-	-	49,990.00
7	Digital screw gauge	01	-	-	17,464.00
8	Universal Testing Machine	01	-	-	13,02,980.00
<b>Dept. of Botany</b>					
9	pH meter Dot 461	01	-	12,700.00	-
<b>Dept. of Physics</b>					
10	30Mhz Dual trace Oscilloscope		-	20,119.00	-
11	Travelling Microscope		-	12,744.00	-
<b>Dept. of Electronics</b>					
12	Microprocessor trainer kit		-	12,213.00	-
13	1MHz function generator		-	7,228.00	-
14	30Hz Dual Cathode Ray Oscilloscope		-	20,473.00	-
15	2.6KVA UPS with batteries		37,150.00	-	-
16	3KVA Online UPS with six batteries		79,972.00	-	-
17	Resistance box 0-10000. (Make PSAW)		6,928.00	-	-
18	Digital Multimeter (Make: MICO)		4,779.00	-	-
19	Leclanche Cell (Make: PSAW)		1,189.00	-	-
20	Daniell Cell (Make: PSAW)		2,006.00	-	-
21	Screw Gauge LC (0.001cm) (Make PSAW)		3,717.00	-	-
<b>Dept. of BCA</b>					
22	CC Camera		78,000.00	-	-

<b>Dept. of Zoology</b>					
23	Monocular Besto Microscopes	09	-	23,808.00	-
24	Haemometer - German		-	8,000.00	-
<b>Dept. of Microbiology</b>					
25	Camera Lucida	02	-	3,968.00	-
26	Deep Freezer (-20°C)	01	-	37,120.00	-
27	Micropipettes	01	-	11,660.00	-
28	Stage Micrometer	01	-		-
29	Bacterial Genome Kit	01	-		-
30	BOD Cold Incubator with CFC	01	94,990.00	-	-
31	Fumigator	01		-	-
32	Binocular Electrical Microscopes	04	94,872.00	-	-
33	LCD Projector	01	83,050.00	-	-
34	DELL Laptop	01		-	-
35	Cupboard (6 ft)	01	24,900.00	-	-
36	Cupboard (3 ft)	01		-	-
37	Steel Rack (6 ft)	01		-	-
38	Single Distillation Unit	01	39,766.00	-	-
39	Tubular Inverter (2.6kV)	01	31,500.00	-	-
40	Battery 150Ah	01		-	-
<b>Dept. of Industrial Fish And Fisheries</b>					
41	HP Printer – Scan- Copy	01	-	12,500.00	-
42	Godrej Freeze 195 ltrs	01	-	15,300.00	-
		<b>Total</b>	<b>5,87,619.00</b>	<b>2,60,373.00</b>	<b>14,64,284.00</b>



## **Annexure x**

### **Activities of Alumni Association: 2017-18**

1. On **1-9-2017** Alumni Dr. Sunil V. Kari, Chief Diabetic limb salvage Department, SOU, Mandakini Memorial Hospital, Hubballi addressed the students and highlighted the recent developments in medical, instrumentation technology.
2. On **21-9-2017**, Alumni Dr. Vishwanath S. Bhat and Miss Priyadarshini Sannikoppa, Dy SP, Karnataka delivered a talk on 'How to prepare for the competitive examinations' during the Inaugural functions of the Gymkhana activities as invited Chief Guest.
3. On **25-11-2017**, Chief Guest of the function and alumni Shri Mohan Shantanagoudar, Judge, Supreme Court of India and other aluminus Prof. S. V. Sanaknur, MLC, Karnataka and Shri Arvind Bellad, MLA (Dharwad- West) Karnataka participated in inaugural function of the centenary celebration of the college.
4. Alumni M/s Sushma Godbole, IAS, addressed the students regarding the opportunities after PUC & B. Sc Degree in academic and administrative fields on **23-01-2018**.
5. On **21-3-2018**, Dr. Karthik Sunagar, Assistant Professor, I.I.Sc., Bengaluru and alumni gave a special lecture regarding the importance of pure science and opportunity in scientific research at National and International level during 'Pratibha Puraskar' (Rank Holders Felicitation).

## Annexure xi

### Activities Reflecting Goals & Objectives

- Dr. S.M. Ambli, Retd. Prof of Geography, Chougale College. Maragaon, Goa. Delivered a spl lecture on **27<sup>th</sup> September, 2017** at Dept. of Geography. Dr. C. F. Mulimani presided over the function.
- Dr. Shyam Kumar, Prof. PG Dept. of Studies in Biotechnology, KUD invited Chief Guest delivered a talk on ‘Silk and its glory: Prospectives and Biomedical applications’ on **4<sup>th</sup> October, 2017** at Dept. Botany. Principal, Dr. C. F. Mulimani presided over the function.
- Dr. D. N Misle, Principal B.K. College, Belagavi delivered a special Lecture on ‘Scope of Science and Technology’ on **4<sup>th</sup> January, 2018** at Dept. of Chemistry. Principal, Dr. C. F. Mulimani presided over the function.
- Shri Mukund Maigur, Founder – ‘Kryasheela Gyaleyaru’ Social worker, Dharwad, delivered a spl. Lecture on ‘Experience on Wild Genes’ conducted by Department of Zoology. Principal, Dr. C. F. Mulimani presided over the function on **20<sup>th</sup> February, 2018**.
- Two day National Conference on ‘Recent trends in Biotechnology-2018’ was organized by Department of Chemistry on **23<sup>rd</sup> & 24<sup>th</sup> February, 2018**.
- XXXIII Annual Conference of Karnatak University Colleges Botany Teachers Association & Two Day National Seminar on “Modern Trends in Botany: Priorities and Challenges” conducted by Department of Botany on **10<sup>th</sup> & 11<sup>th</sup> March, 2018**. Principal, Dr. C. F. Mulimani presided over the function.
- Shri Pompayya Malemath, Wildlife photographer and Social worker, Kamalapur, delivered a spl. Lecture on ‘Success Story of Daroji’ conducted by Department of Zoology. Principal, Dr. C. F. Mulimani presided over the function on **19<sup>th</sup> March, 2018**.
- Dept of BCA & B. Sc (CS) conducted a special talk on “Current Online Jobs for Degree Students” delivered by Chief Guest, Dr. Ramesh R. Naik, Professor and Dean, Student Welfare Officer, KUD on **19<sup>th</sup> March, 2018**.
- Dr. Sanjeev Kulkarni, Gyaenocologist and Environmentalist, Guest Speaker gave a special Lecture on ‘Environment in a man-made village’ on **20<sup>th</sup> March, 2018** at Dept. Botany. Principal, Dr. C. F. Mulimani presided over the function.

## Annexure xii

### SWOT Analysis

Strengths	<ul style="list-style-type: none"><li>• High quality of teaching at the graduation and post graduation.</li><li>• Equity is given to the students belonging to all sections of society as per Govt. Policies.</li><li>• Placement opportunities are provided by arranging campus interviews by different companies.</li><li>• Central Library with more than a lakh books, Journals and e-Journals.</li><li>• Separate departmental Libraries with good collection of books and Journals.</li><li>• A separate Health Centre for the college campus with qualified doctors and nurses.</li><li>• Good governance with immediate attention to the problems of the students.</li><li>• Separate ladies Association entitled as 'Sneha' and 'Akka' to share the problems of girl students. And counselling cell for girls has been opened.</li><li>• Organization of community based programmes at different villages.</li><li>• To encourage the students to take part in the extracurricular activities.</li><li>• NCC and NSS wing are functioning to encourage the students to take part in these activities.</li><li>• Students Welfare Officer is working to attend to the problems of the students.</li><li>• Students are given opportunity to learn foreign languages and to take up small research projects with financial assistance by funding agencies.</li></ul>
Weaknesses	<ul style="list-style-type: none"><li>• Inadequacy of faculty recruitment.</li><li>• Limited availability of funds to plan for the new courses and though.</li><li>• Research ability of teachers present, space for bench work wanting.</li><li>• Student's participation in sports activities is limited due to semester system wherein the Science courses include practical (12-24 hrs / week).</li></ul>
Opportunities	<ul style="list-style-type: none"><li>• Expansion of UG and PG applied courses to cater to the needs of society and industry.</li><li>• Internet facilities to all departments to increase proficiency.</li><li>• Competing with the other post Graduate degree colleges in improvement of quality in governance and academic credibility.</li><li>• To get the grants from other funding agencies for research projects.</li><li>• Organizing community based extension programs to financially backward groups so that at least basic health requirements could be addressed.</li><li>• Campus Recruitments for the Post Graduate students and B. Sc students.</li><li>• Training Teachers to counsel their wards.</li></ul>

Threats	<ul style="list-style-type: none"><li>• External threats changing priorities and limited funding can potentially create internal tension over limited resources.</li><li>• Avenues/openings are limited, limited MOUs with the industries.</li><li>• High student enrolment.</li><li>• Emerging foreign, private and deemed universities with which we have to compete with minimum faculty and financial support.</li></ul>
---------	--