

Karnatak University's

**Karnatak Science College, Dharwad**

**Karnataka - 580 001.**



**Annual Quality Assurance Report  
(AQAR)  
2015-16**

**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 2015-16

## Part – A

### I. Details of the Institution

1.1 Name of the Institution

KARNATAK SCIENCE COLLEGE

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 / 09845252705

Name of the Head of the Institution:

Dr. C. F. Mulimani

Tel. No. with STD Code:

0836-2215410

Mobile:

09845252705

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

1 / 6 / 2001

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

2015-16

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
- iv. 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

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  UGC-CPE-

DST Star Scheme  UGC-CE

UGC-Special Assistance Programme	<input type="text" value="-"/>	DST-FIST	<input type="text" value="-"/>
UGC-Innovative PG programmes	<input type="text" value="-"/>	Any other ( <i>Specify</i> )	<input type="text" value="-"/>
UGC-COP Programmes	<input type="text" value="-"/>		

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

2.1 No. of Teachers	<input type="text" value="10"/>
2.2 No. of Administrative/Technical staff	<input type="text" value="02"/>
2.3 No. of students	<input type="text" value="02"/>
2.4 No. of Management representatives	<input type="text" value="02"/>
2.5 No. of Alumni	<input type="text" value="02"/>
2.6 No. of any other stakeholder and community representatives	<input type="text" value="01"/>
2.7 No. of Employers/ Industrialists	<input type="text" value="1"/>
2.8 No. of other External Experts	<input type="text" value="2"/>
2.9 Total No. of members	<input type="text" value="22"/>
2.10 No. of IQAC meetings held	<input type="text" value="03"/>
2.11 No. of meetings with various stakeholders:	No. <input type="text" value="03"/> Faculty <input checked="" type="checkbox" value="checked"/>
Non-Teaching Staff <input type="text" value=""/>	Students <input checked="" type="checkbox" value="checked"/> Alumni <input checked="" type="checkbox" value="checked"/> Others <input type="text" value=""/>
2.12 Has IQAC received any funding from UGC during the year?	Yes <input type="checkbox"/> No <input checked="" type="checkbox" value="checked"/>
If yes, mention the amount	<input type="text" value=""/>

2.13 Seminars and Conferences (only quality related)

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

Total Nos.  International  National  State  Institution Level

(ii) Themes

2.14 Significant Activities and contributions made by IQAC

IQAC has actively involved in maintaining the quality with in this esteemed institute.

- Monitoring and evaluating the performance of the teaching learning activities.
- Concentrating on good teaching in terms of completing the portions making the students understand and over all expertise, knowledge and skills.
- A yearly proforma of all teachers are obtained and maintained and the source is utilized for IQAC reporting and developing.
- Counseling of girl students.
- Encourages 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 Orientation Programmes in both theory and practicals.
- Encourages students to participate in community service, research activities and sensitizing them towards environmental issues.
- IQAC is involved in over all development of students hence parent meeting was conducted with the student welfare officer.

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 I (A &amp; B)</b>	

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

2.15 Whether the AQAR was placed in statutory body      Yes       No

Management       Syndicate       Any other body

Provide the details of the action taken

## 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 (07 subjects)	00	00	00
PG	01 (03 subjects)	00	01 (03 subjects)	00
UG	01 (14 subjects)	00	00	00
PG Diploma	-	-	-	-
Advanced Diploma	-	-	-	-
Diploma	-	-	-	-
Certificate	-	-	-	-
Others	-	-	-	-
<b>Total</b>	<b>03</b>	<b>00</b>	<b>01</b>	<b>00</b>
Interdisciplinary	-	-	-	-
Innovative	-	-	-	-

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 (II) enclosed.

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

- All courses are waiting for the implementation of the CBCS syllabus by the University till then no further revisions of the syllabi.

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

No

## Criterion – II

### 2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty	Total	Asst. Professors	Associate Professors	Professors	Others
	<b>46</b>	18	27	-	01

2.2 No. of permanent faculty with Ph.D.

34

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
-	-	-	01	-	-	-	-	-	01

2.4 No. of Guest and Visiting faculty and Temporary faculty

23	-	31
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2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/	1	11-conferences 11-seminars	14
Presented papers	01	11	-
Resource Persons	-	04	-



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

- 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 prescribed in the syllabus and helping as consultants in placing plants in their systematic position.
- Slow learners are identified and supported by staff.
- All specimens prescribed in the syllabus and plant materials are grown in the department for ample learning facilities and opportunities not only in practical hours.
- Lecture series by renowned scientists and also department study circles,
- Most of departments have internet facilities.
  - Use of ICT in teaching and learning, teachers study materials (soft copy, PPTs, PDF presentations) are shared with the students.
  - Many teachers have either minor or major research projects from which they procure and utilize their laptops and computers to support ICT.
  - Advance learners and applied subjects (Biotechnology, Microbiology) opted students are encouraged to take part in research and present in conferences.

2.7 Total No. of actual teaching days during this academic year 189

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

- |  |   |   |
|--|---|---|
| <ul style="list-style-type: none"> <li>• Bar Coding</li> <li>• Revaluation</li> <li>• Photocopy on request</li> <li>• MCQ for IC &amp; HR</li> </ul> | } | All done at Karnatak University, Dharwad. |
|--|---|---|

2.9 No. of faculty members involved in curriculum

Restructuring / revision / syllabus development as member of Board of study/Faculty/Curriculum Development workshop Chem-02, Crim-02, Bot-03,( in Genetics, Microbiology) Geol-04 (03 members of BOE of RCU, KUD, Mysore, B'lore & Kuvempu Univ) Zoo-02 (for Zoo in P.C. Jabin - Hubli)BCA-03, Geography-01. 17

2.10 Average percentage of attendance of students 89

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 III</b>					
B. Sc (CS)						
BCA						

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

- Feedback from students and alumni obtained annually.
- Most of the class rooms are under CCTV surveillance.
- Seminars and conferences are attended by the faculty and students to boost their quality of teaching and learning.

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	02
UGC – Faculty Improvement Programme	-
HRD programmes	-
Orientation programmes	2
Faculty exchange programme	-
Staff training conducted by the university/institution	-
Staff training conducted by other institutions	2
Summer / Winter schools, Workshops, etc.	6-National/ 1-International/ 1-State level
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	33 (01 Artist in C & Fsc.)	-	-	60
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.
- Sensitize the students into research.

#### 3.2 Details regarding Major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	03	02	01	-
Outlay in Rs. Lakhs	29,32,700.00	32,30,000.00	-	-

#### 3.3. Details regarding Minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	-	03	-
Outlay in Rs. Lakhs	-	-	-	-

#### 3.4. Details on research publications

	International	National	Others
Peer Review Journals	08	31	-
Non-Peer Review Journals	-	-	-
e-Journals	-	-	-
Conference proceedings	-	04	-

#### 3.5 Details on Impact factor of publications:

Range  Average  h-index  Nos. in SCOPUS

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

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	2015-16	UGC	41,92,144	41,92,144
Minor Projects	2015-16	UGC	6,85,000	6,85,000
Interdisciplinary Projects		-	-	-
Industry sponsored		-	-	-
Projects sponsored by the University/ College		-	-	-
Students research projects (other than compulsory by the University)	-	-	-	-
Any other(Specify)		-	-	-
<b>Total</b>	<b>2015-16</b>	<b>UGC</b>	<b>48,77,144</b>	<b>48,77,144</b>

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

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

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

3.9 For colleges

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

3.10 Revenue generated through consultancy

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	-	01 Chemistry	-	-	-
Sponsoring agencies	-	UGC	-	-	-

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

3.13 No. of collaborations

International

National

Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs:

From Funding agency

From Management of University/College

Total

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	-
	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
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 at the adopted village, Manasur, Dharwad district on 1<sup>st</sup> to 7<sup>th</sup> March, 2016.
- Lecture delivered on Importance of Firearms and Ammunitions in Criminal Investigation to final year forestry students of Sirsi 2015.
- Criminal Justice System Awareness Programme at Salakinakoppa village in an organised by the Department of Criminology and Forensic Science, Karnatak Science College Dharwad.
- In service training for the school teachers.
- Department of Chemistry conducted an Extension Programme on 'Miracle Bursting' to bring awareness in the village about misuse of chemicals in tradition and superstitious believes at Mansur village, Dharwad on 10-10-2015.

## 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	55acre	Nil	Nil	55 acre
Class rooms	19	02	-	21+2
Laboratories	20	02	-	22+2
Seminar Halls	01	-	-	01
No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year.	About 500	-	PDF & Budget Heads of Department	06
Value of the equipment purchased during the year (Rs. in Lakhs)		-	PDF & Budget Heads of Department	2,36,900/-
Others	-	-	-	-

#### 4.2 Computerization of administration and library

- Marks list of Internal Assessment.
- Admission of students.
- Attendance of students.
- Scholarships to the students.
- Time Table.
- Bio-data of Teachers.
- Details of college on college website.
- Internal Marks -1<sup>st</sup> and 2<sup>nd</sup> Tests, Theory and Practical

#### 4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
<b>Text Books &amp; Reference Books</b>	123990 53785	31530928/- 19371454/-	583	2,44,453/-	1,78,358	5,11,46,835/-
<b>Subscribers through N-List E-Books</b>	93809	5000	Nil	Nil	93809	5,000/-
<b>Journals &amp; News papers</b>	28	22000/-	Nil	Nil	28	22000/-
<b>Subscribers through N-List e-Journals</b>	4137	5000/-	Nil	Nil	4137	5000
<b>Digital Database</b>	Mathsci Net	Subscribes through N-List	Nil	Nil	Mathsci Net	Subscribes through N-List
<b>CD &amp; Video</b>	789	Free With Books	24	Free with Books	850	Free with Books
<b>Others (specify)</b>	Nil	Nil	Nil	Nil	Nil	Nil

#### 4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Department	Other
Existing	115	PHY-30 BCA-40	At 11 departments Wi-Fi and BSNL broad band	05	-	07	29	04
Added	06	-	-	-	-	03	03	-
Total	121	70	11	05	-	10	32	04

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

Internet access made available to staff and students at library and departments.

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

i) ICT	50,000/-
ii) Campus Infrastructure and facilities	-
iii) Equipments	2,36,900/-
iv) Others	-
<b>Total :</b>	<b>2,86,900/-</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
- and 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 students

UG	PG	Ph. D.	Others
1065	197	33	Nil

(b) No. of students outside the state

01
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(c) No. of International students

-
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No	%
618	47.7

Men

No	%
677	52.2

Women

Course	Last year						This Year					
	General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
UG	194	139	56	475	-	864	422	180	71	391	01	1065
PG	86	17	08	174	-	285	81	21	7	88	-	197
Ph. D	15	08	02	23	-	48	7	6	-	20	-	33

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

Conducted at Career Guidance Cell at Karnatak University, Dharwad.

5.5 No. of students qualified in these examinations

NET	-	SET/SLET	-	GATE	-	CAT	-
IAS/IPS etc	-	State PSC	-	UPSC	-	Others	-

5.6 Details of student counselling and career guidance

**Annexure IV**

No. of students benefitted

4

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
05	50	43	--

**Annexure V**

5.8 Details of Gender Sensitization Programmes

**Annexure VI**



## 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 VII)

	Number of students	Amount
Financial support from institution	-	-
Financial support from government	712	14,71,247/-
Financial support from other sources	-	-
Number of students who received International / National recognitions	-	-

### 5.11 Student organised / 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: Nil.

## Criterion – VI

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

6.1 State the Vision and Mission of the institution

**Annexure VIII**

6.2 Does the Institution has a Management Information System

**Annexure IX**

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.
- New CBCS syllabus has to be introduced.
- The previously revised syllabus in 13-14 is being transacted.
- 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 subject related seminars/programs.
- The importance on development of global competencies and moving from chalk to ICT enabled class rooms.

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.
- Other conditions are revised as per the University regulations.
- New projects are implemented :  
Major – 02; Minor – Nil
- Students are encouraged to take research projects and present the papers.
- Papers Published by Teachers Total No: 45 (Nat - 21 ; Int- 24)

6.3.5 Library, ICT and physical infrastructure / instrumentation. **(Annexure X)**

- Computers.
- Equipments to the laboratories
- Wi-Fi technology enhanced
- CCTV cameras are also available on the premises
- Details of Instrumentation:

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.

6.3.8 Industry Interaction / Collaboration

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

6.3.9 Admission of Students

- Roster and Merit system.

6.4 Welfare schemes for

Teaching staff	LTC, HTC, EL, Loans from Employers Association, PPF, Maternity and Paternity leave, Medical advance facilities, Quarter's facility is available on the college and the university campus, Apart from this, employees are sanctioned interest free festival advance, Reservation for Hyderabad Karnataka Quota.
Non teaching staff	LTC, HTC, EL, Commuted leave, Loans from Employers Association, Quarter's facility is available on the college and the university campus. Apart from this, employees are sanctioned interest free festival advance.
Students	Scholarships, Cash prizes, counselling, Remedial classes.

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

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

For UG Programmes Yes  No

For PG Programmes Yes  No

❖ **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 - XI**

Alumni have been invited as Guest Speakers/ Chief Guests on special occasions **(As Reported in Varnasaptakha)**.

6.12 Activities and support from the Parent – Teacher Association

The college receives valuable support from the parents in the form of suggestions. Parent Teacher meeting was conducted on 12th March 2016. Parents are also encouraged to meet the faculty for interactions

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 practical experiments the lab assistants are trained by the teachers.

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

- It is a continuous endeavour in the campus to enhance greenery.
- Installation of solar lamps.
- Organic manure preparation.
- Departmental gardens are maintained.
- Rain water harvest.

## 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.

**Annexure XII**

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

**Annexure XIII**

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

- Beginning of the college activities each day by singing the NATIONAL ANTHEM helps not only to enhance discipline but also to increase the national integration.
- To enhance the interest of students in basic science subjects and also to develop participative attitude and organization skills, there is an academic body established called the “SCIENCE ASSOCIATION”, led by a chairperson and comprising of study circles in 8 departments. Academic toppers are nominated as student representatives. Through this association students are exposed to the recent trends and developments in science and technology.

7.4 Contribution to environmental awareness / protection

- College successfully adopts energy conservation strategies by use of incandescent lights and solar panels on the campus ground.
- Rain water harvesting.
- Science Association has organised lectures on world Forest day and activity on world Environment Day.
- All staff including Principal and students participates in half a day Shrama Dhana (Swachta Abhiyan).
- Dustbins to avoid littering and activities of the NSS to keep campus clean.

7.5 Whether environmental audit was conducted?

Yes

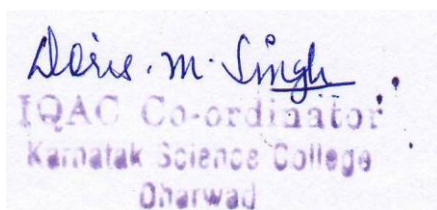
No

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

**Annexure XIV**

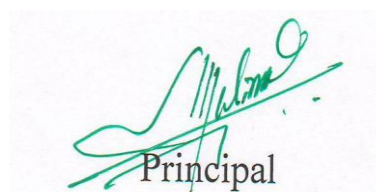
## **Plans of institution for next year**

- ❖ To strengthen the co-curricular and extra-curricular activities of students.
- ❖ To attend conferences and communicate research papers.
- ❖ To strengthen and maintain research activities of teachers.
- ❖ Celebration of silver jubilee of Criminology
- ❖ Planning of Centenary year



Anil M. Singh  
IQAC Co-ordinator  
Kannatak Science College  
Dharwad

**IQAC Co-ordinator**



Principal

**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
PT	-	Parent Teacher
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 I (A)**

The IQAC convened the meeting of the Heads of the Department, Chairpersons of Gymkhana, Hostel Wardens, Students Welfare Officers, Placement Officer, NCC Officer, NSS Program Officer and Chairperson of Women's Association to discuss and evaluate the targets and achievements for quality sustenance and enhancement for the year 2015-16. Evaluating the program of the previous year 2014-15, the IQAC identified the priority areas and prepared the plan of action to be adopted for the year 2015-16.

- ❖ To adhere to the calendar of events as far as possible.
- ❖ To strengthen all the co-curricular and extracurricular activities.
- ❖ To apply for number of National Conferences from various departments.
- ❖ To strengthen and maintain research activities of teachers.
- ❖ To conduct parents meeting.



**Annexure I (B)**  
Karnatak University's  
**KARNATAK SCIENCE COLLEGE, DHARWAD**  
**CALENDAR OF EVENTS FOR B.Sc. SEM – I, III & V – 2015-16**

Week No.	Month	Week days							Work days	Academic Events/ Co-Curricular Activities
		Mon	Tue	Wed	Thu	Fri	Sat	Sun		
1	Jul			1	2	3	4	5	04	1-8 - Bridge Course for Sem I,III, V Students
2	Jul	6	7	8	9	10	11	12	06	
3	Jul	13	14	15	16	17	18	19	05	18-Ramzan
4	Jul	20	21	22	23	24	25	26	06	24- Selection of Students Association for Gymk
5	Jul/Aug	27	28	29	30	31	1	2	06	
6	Aug	3	4	5	6	7	8	9	06	3- Monthly Attendance Report 5- Selection of Team Members for various sports 9 - Founders Day,
7	Aug	10	11	12	13	14	15	16	06	12-Selection of Science Association & Study Circle Secretaries 15 - Celebration of Independence day
8	Aug	17	18	19	20	21	22	23	06	20- Welcome to Fresher & Inauguration of Gymk. & Cult. Activity
9	Aug	24	25	26	27	28	29	30	06	25 - Inaug. of Sci. Association
10	Sep	31	1	2	3	4	5	6	06	1-Formative Feedback from Students 1-5 First Internal Assgn Test 5 – Teachers Day
11	Sep	7	8	9	10	11	12	13	05	7- Local Holiday (Last Shrawana), 8 - Monthly Attendance Report 13- Alumni Association meet
12	Sep	14	15	16	17	18	19	20	05	14- Display of First IA Result 17 – Ganesh Chaturthi
13	Sep	21	22	23	24	25	26	27	05	23 - Science Association Function-I, 24- Bakrid
14	Sep/Oct	28	29	30	1	2	3	4	05	29 – 3 Second Internal Assgn Test 2 - Gandhi Jayanthi,
15	Oct	5	6	7	8	9	10	11	06	5- Monthly Attendance Report 9 - Second Internal Assgn Test
16	Oct	12	13	14	15	16	17	18	05	12 – Mahalaya Amavasi 13-17- Internal Practical Test 17- Display of Second IA Result 18 – Parents Meet
17	Oct	19	20	21	22	23	24	25	02	19- Internal Practical Test 22-Mahanavami 23-Vijaydashmi 24-Moharam
18	Oct	26	27	28	29	30			04	26 – Display of IP Test Result, 27- Valmiki Jayanthi 28- Summative Feed back from students 30- Summative Attendance Report of the First Term and the last working day.
<b>TOTAL WORKING DAYS - 95</b>										
<b>COLLEGE REOPENS FOR II . IV &amp; VI SEMESTER ON : 21-12-2015</b>										
<b>HOLIDAYS</b>				<b>CO-CURRICULAR 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>		
BRIDGE COURSE								<i>ALUMNI ASSOCIATION &amp; PARENTS MEET</i>		

Sd/  
Principal

**Karnatak University's  
KARNATAK SCIENCE COLLEGE, DHARWAD  
CALENDAR OF EVENTS FOR B.Sc. SEM – II, IV & VI – 2015-16**

Week No.	Month	Week days							Work days	Academic Events/ Co-Curricular Activities
		Mon	Tue	Wed	Thu	Fri	Sat	Sun		
1	Dec	21	22	23	24	25	26	27	04	21-29 - Bridge Course for Sem II, IV, VI Students 24-Id-Milad, 25-Christmas
2	Dec/Jan	28	29	30	31	1	2	3	06	
3	Jan	4	5	6	7	8	9	10	06	5 - Monthly Attendance Report
4	Jan	11	12	13	14	15	16	17	05	15- Sankranti
5	Jan	18	19	20	21	22	23	24	06	19- Co-curricular Activities
6	Jan	25	26	27	28	29	30	31	05	26- Republic Day
7	Feb	1	2	3	4	5	6	7	06	3 - Monthly Attendance Report 4- Co-curricular Activities
8	Feb	8	9	10	11	12	13	14	06	9 - Formative Feed Back Report
9	Feb	15	16	17	18	19	20	21	06	16-20 – First Internal Theory Exams
10	Feb	22	23	24	25	26	27	28	06	25- Co-curricular Activities 28- Parents Meet
11	Feb/Mar	29	1	2	3	4	5	6	06	3- Display of IA Result 4- Monthly Attendance Report
12	Mar	7	8	9	10	11	12	13	05	7-Mahashivaratri
13	Mar	14	15	16	17	18	19	20	06	15-19 - Second Internal Theory Exams
14	Mar	21	22	23	24	25	26	27	04	22- Co-curricular Activities 24- Holi 25- Good Friday
15	Mar/Apr	28	29	30	31	1	2	3	06	30- Display of IA Result 1-9- Internal Practical Test
16	Apr	4	5	6	7	8	9	10	05	6 - Monthly Attendance Report 8- Ugadi 10- Alumini Association Meet
17	Apr	11	12	13	14	15	16	17	05	13- Summative Feed Back Report 14- Ambedkar Jayanti 15- Display of Practical IA Result
18	Apr	18							01	18 – Total Attendance Report
<b>TOTAL WORKING DAYS - 94</b>										
<b>COLLEGE REOPENS FOR I .III &amp; V SEMESTER ON 15-06-2016</b>										
<b>HOLIDAYS</b>				<b>CO-CURRICULAR 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>		
BRIDGE COURSE								ALUMNI ASSOCIATION & PARENTS MEET		

Sd/-  
Principal

## Annexure II

### Feedback Analysis:

<b>Total No. of Teachers</b>	<b>Very Good</b>	<b>Good</b>	<b>Satisfactory</b>
45	21	05	19

Note: Total No. of sections in the feedback =10

#### Grading

1. Sections 1 & 2 absent in the analysis, it is accepted.
2. Any less than 6 more than 3 Sections present but other than 1 & 2.
3. Sections 1 & 2 present in the analysis.

Very Good = 04  
Good=03  
Satisfactory =02

### Annexure III

#### Course / Programme Wise Distribution of Pass Percentage Result Analysis of B.Sc. Courses

##### B. Sc. I Semester Nov./Dec. 2015

Sl. No.	Description of Result	Male	Female	Total
1	Total No. of Students Appeared	160	170	330
2	Distinction	40	58	98
3	No. of Students First Class	54	52	106
4	No. of Students Second Class	06	03	09
5	No. of Students Pass Class	-	-	-
6	No. of Students Failed	60	57	117

##### B. Sc. II Semester May/June, 2016

Sl. No.	Description of Result	Male	Female	Total
1	Total No. of Students Appeared	142	172	314
2	Distinction	50	91	141
3	No. of Students First Class	37	39	76
4	No. of Students Second Class	12	02	14
5	No. of Students Pass Class	01	-	01
6	No. of Students Failed	42	40	82

##### B. Sc. III Semester Nov. /Dec. 2015

Sl. No.	Description of Result	Male	Female	Total
1	Total No. of Students Appeared	132	182	314
2	Distinction	45	92	137
3	No. of Students First Class	35	41	76
4	No. of Students Second Class	11	05	16
5	No. of Students Pass Class	01	-	01
6	No. of Students Failed	40	44	84

##### B. Sc. IV Semester May / June, 2016

Sl. No.	Description of Result	Male	Female	Total
1	Total No. of Students Appeared	126	183	309
2	Distinction	39	100	139
3	No. of Students First Class	32	43	75
4	No. of Students Second Class	08	04	12
5	No. of Students Pass Class	-	-	-
6	No. of Students Failed	47	36	83

**B.Sc. V Semester Nov/Dec. 2015**

<b>Sl. No.</b>	<b>Description of Result</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>
1	Total No. of Students Appeared	103	174	277
2	Distinction	32	92	124
3	No. of Students First Class	30	51	81
4	No. of Students Second Class	06	05	11
5	No. of Students Pass Class	-	01	01
6	No. of Students Failed	35	25	60

**B.Sc. VI Semester May / June, 2016**

<b>Sl. No.</b>	<b>Description of Result</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>
1	Total No. of Students Appeared	106	169	275
2	Distinction	38	103	141
3	No. of Students First Class	24	44	68
4	No. of Students Second Class	05	06	11
5	No. of Students Pass Class	01	-	01
6	No. of Students Failed	38	16	54

**RESULTS ANALYSIS OF B.C.A COURSES**

**B.C.A I SEMESTER NOV / DEC – 2015**

<b>Sl. No.</b>	<b>Description of Result</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>
1	Total No. of Students Appeared	29	21	50
2	Distinction	06	10	16
3	No. of Students First Class	10	07	17
4	No. of Students Second Class	06	01	07
5	No. of Students Pass Class	02	-	02
6	No. of Students Failed	05	03	08

**B.C.A II SEMESTER APRIL / MAY – 2016**

<b>Sl. No.</b>	<b>Description of Result</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>
1	Total No. of Students Appeared	26	20	46
2	Distinction	07	18	25
3	No. of Students First Class	10	01	11
4	No. of Students Second Class	04	-	04
5	No. of Students Pass Class	01	-	01
6	No. of Students Failed	04	01	05

**B.C.A III SEMESTER NOV / DEC – 2015**

<b>Sl. No.</b>	<b>Description of Result</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>
1	Total No. of Students Appeared	21	27	48
2	Distinction	04	23	27
3	No. of Students First Class	03	03	06
4	No. of Students Second Class	05	-	05
5	No. of Students Pass Class	-	-	-
6	No. of Students Failed	09	01	10

**B.C.A IV SEMESTER APRIL / MAY – 2016**

<b>Sl. No</b>	<b>Description of Results</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>
1	Total No. of Students Appeared	21	27	48
2	Distinction	01	14	15
3	No. of Students First Class	04	09	13
4	No. of Students Second Class	04	01	05
5	No. of Students Pass Class	-	01	01
6	No. of Students Failed	12	02	14

**B.C.A V SEMESTER NOV / DEC – 2015**

<b>Sl. No</b>	<b>Description of Results</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>
1	Total No. of Students Appeared	30	18	48
2	Distinction	12	12	24
3	No. of Students First Class	11	01	12
4	No. of Students Second Class	04	03	07
5	No. of Students Pass Class	-	01	01
6	No. of Students Failed	03	01	04

**B.C.A VI SEMESTER APRIL / MAY – 2016**

<b>Sl. No</b>	<b>Description of Results</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>
1	Total No. of Students Appeared	28	20	48
2	Distinction	13	15	28
3	No. of Students First Class	08	05	13
4	No. of Students Second Class	01	-	01
5	No. of Students Pass Class	-	-	-
6	No. of Students Failed	06	-	06

**RESULTS ANALYSIS OF B. Sc (CS) COURSES**  
**B. Sc (CS) I SEMESTER NOV / DEC – 2015**

<b>Sl. No</b>	<b>Description of Results</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>
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	-	-	-
5	No. Students Pass Class	-	-	-
6	No. of Students Failed	11	07	18

**B. Sc (CS) II SEMESTER APRIL /MAY – 2016**

<b>Sl. No</b>	<b>Description of Results</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>
1	Total No. of Students Appeared	17	12	29
2	Distinction	03	04	07
3	No. of Students First Class	06	04	10
4	No. of Students Second Class	-	-	-
5	No. Students Pass Class	-	-	-
6	No. of Students Failed	08	04	12

**B. Sc (CS) III SEMESTER NOV / DEC – 2015**

<b>Sl. No</b>	<b>Description of Results</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>
1	Total No. of Students Appeared	06	18	24
2	Distinction	02	16	18
3	No. of Students First Class	01	-	01
4	No. of Students Second Class	03	02	05
5	No. of Students Pass Class	-	-	-
6	No. of Students Failed	-	-	-

**B. Sc (CS) IV SEMESTER APRIL / MAY – 2016**

<b>Sl. No</b>	<b>Description of Results</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>
1	Total No. of Students Appeared	06	18	24
2	Distinction	-	12	12
3	No. of Students First Class	02	04	06
4	No. of Students Second Class	01	02	03
5	No. of Students Pass Class	-	-	-
6	No. of Students Failed	03	-	03

**B. Sc (CS) V SEMESTER NOV / DEC – 2015**

<b>Sl. No</b>	<b>Description of Results</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	-	02	02
5	No. Students Pass Class	-	-	-
6	No. of Students Failed	02	01	03

**B. Sc (CS) VI SEMESTER APRIL / MAY – 2016**

<b>Sl. No</b>	<b>Description of Results</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>
1	Total No. of Students Appeared	11	22	33
2	Distinction	08	19	27
3	No. of Students First Class	02	02	04
4	No. of Students Second Class	-	-	-
5	No. Students Pass Class	-	-	-
6	No. of Students Failed	03	-	03



#### Annexure IV

#### Details of student counselling by IQAC.

<b>Sl. No</b>	<b>Name of the Student</b>	<b>Course</b>	<b>Date</b>
1	Nupoor G. Isloor	B. Sc 1 <sup>st</sup> Semester	26-8-2015
2	Prajna K S	B. Sc Final semester	13-9-2015
3	Karthik Kenganavar	B. Sc 1 <sup>st</sup> Semester	13-9-2015
4	Swathi Namsevi	B. Sc final semester	29-9-2016

### Annexure V

#### Placement Services Provided to Students:

Sl. No.	Company Visited	Job	Venue	Appeared	Selected	Success Rate
1	INFOSYS	Tr. Engg	PC Jabin Science College, Hubli		04	
2	WIPRO Technologies	WASE, WISTA, GIS	PC Jabin Science College, Hubli		17	
3	TCS	IT IS	PC Jabin Science College, Hubli		17	
4	TECH MAHINDRA	Tr. Engg	PC Jabin Science College, Hubli		02	
5	ACCENTURE	Tr. Engg	PC Jabin Science College, Hubli		03	
			<b>Total</b>	<b>50</b>	<b>43</b>	<b>86.00</b>

## **Annexure VI**

### **Gender Sensitization Programmes:**

I. Various Activities were held under AKKA Ladies Association.

1. Inauguration function on 22-09-2015 conducted at C1 Hall at 3:00 pm. Chief Guest: Dr. (Smt) Sukannya Jalihal, Associate Professor, Department of English, KAC, Dharwad advised regarding How to Gain Success in Life and Communication Skills. Dr. C. F. Mulimani President, Presided over the function.
2. Various activities like Best out of Waste, Hair Style, Rangoli, Mehendi and Traditional Dress Competition were held in 1<sup>st</sup> Week of March, 2016.
3. Valedictory Function was held on 22-03-2016 at 2:30 pm in Z1 Hall. Chief Guest: Dr. Shobha Pai, Family Physician, delivered a talk on 'Physical and Mental Health and Spirituality'. Dr. C. F. Mulimani President, Presided over the function.

## Annexure VII

### Scholarships and Financial Support:

Financial Support from Government:

<b>Sanction Report</b>	<b>Total Candidates</b>	<b>Date of Credit</b>	<b>Released Amount</b>
1	68	4-02-2016	165327/-
2	188	17-02-2016	3,96,285/-
3	91	15-03-2016	1,32,660/-
4	119	7-04-2016	2,75,596/-
5	179	10-08-2016	3,26,478/-
6	67	7-10-2016	1,74,901/-
<b>Total</b>	712		14,71,247/-

## **Annexure VIII**

### **VISION**

Just, Equitable, Tranquil, Harmonious, Social Order, With Scientific Temperament.

### **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 in still 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 neighbouring 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 IX**

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

- Administrative procedures including finance are regularly notified by means of News papers & and website.
- Student admission through Roster & Merit system.
- 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.

**Annexure X**  
**INFRASTRUCTURE**

Sl. No	Particulars	No. of Items	Price in Rs. (Inclusive of Tax)
<b>A.</b>	<b>PDA (Principal Development Account)</b>		
1	Hall Roofing of G-3 Hall	01	12,000/-
2	Vinyl Flooring	02	11,000/- + 9,998/-
3	Carpentry Work	-	5,000/-
4	Brother Make Printer	01	10,503/-
5	Curtains	-	55,893/-
6	Wifi Connection	01	2,500/-
	<b>Total</b>		<b>1,06,894/-</b>
<b>B.</b>	<b>UNIVERSITY BUDGET HEAD</b>		
1.	Whirlpool Double Door Refrigerator	01	20,000/-
2.	Cathode Ray Oscilloscope	01	48,000/-
3.	Digital Multimeter	01	10,132/-
4.	Function Generator	01	13,926/-
5.	DC Power Supply	01	24,148/-
6	Microscopes	02	13,800/-
	<b>Total</b>		<b>1,30,006/-</b>
	<b>Grand Total (A + B)</b>		<b>2,36,900/-</b>

## **Annexure XI**

### **Activities and Support from the Alumni Association**

(As Reported in Varna Saphaka of College).

1. Alumni Prof. **Pramod B. Gai**, Vice-Chancellor, Karnatak University, Dharwad attended Inaugural function of the Gymkhana activities as Chief Guest on 30-09-2015. On this occasion, he emphasized on the importance of studies in Basic Sciences and in addition, he assured all the students that he will provide best possible facilities regarding laboratory, sports and other extracurricular activities.

2. On 28-01-2016, alumni and well known senior scientist **Prof. S. M. Shivaprasad**, from Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR), Bangalore delivered special lecture on the topic 'OPTOELECTRONICS' during the Science Association Programme.



## Annexure XII

### **Innovations and Best Practices from IQAC**

#### **Conservation Of Biodiversity Of College Campus: 2015-16**

Our campus is spread over 55 acres and holds an array of flora and fauna. It consists of some rare trees and animals. There was a need of preparation of a record of the biodiversity of the campus. IQAC of our college took an initiative towards the conservation of diversity and preparation of a checklist. In order to bring this program into regular practice, every year (from 2015) in the month of August, newly admitted students were gathered and addressed regarding the importance of diversity of the campus. Under this program, the students were given awareness about the commonly found flora and fauna of the campus by the staff. The details of some events related to this program are as follows;

##### **1. Rescue and Protection of Local Wildlife of the campus.**

The students had witnessed few snake species like Shield tailed Snake, 3 species of blind worm snakes (*Rhinotyphlops* sp., *Ramphotyphlops brahminus* and *Typhlops vermicularis*), Indian Cobra (*Naja naja*), Oriental Rat snake (*Ptyas mucosa*) etc. One of the IQAC member has involved in this program and share information about the animals found around the department premises. The students were brought awareness regarding the identification between the venomous and non-venomous snakes, their behavior, myths around them and their ecological importance. Later, they were released unharmed.

##### **2. Checklist of Flora of the College Campus:**

Under the 'Conservation of Biodiversity of College Campus Program: IQAC along with the support of Department of Botany decided to involve students in preparation of Checklist of Flora of the College Campus. The students of B. Sc 1<sup>st</sup> & 3<sup>rd</sup> Semester (Zoology) were allotted to work under this program. In the month of August, student groups consisting of 5-6 members were asked to select the group of their interest and task was allotted. Their progress in this regard was closely monitored by the staff. Students with Botany combination were involved and actively participated in compilation of the report.

##### **3. Cataloguing and Maintenance of Specimens of Botany and Zoology Museum along with collaboration of Department of Botany and Zoology.**

### Annexure XIII

#### Activities Reflecting Goals & Objectives

1. On 12<sup>th</sup> April 2016 Criminology and Forensic Department Celebrated its Golden Jubilee. Other lectures were also conducted to mark the 50<sup>th</sup> year.
2. The various departments conducted lectures by inviting eminent scientists to enhance the student scientist interaction.
  - 24<sup>th</sup> September, 2015 Dr. Thippeswamy, Founder chairman MD Institute of Agri. Biotechnology UAS Dharwad was chief guest who delivered a lecture on Present Scenario of Drug discovery and its perspectives.
  - 28<sup>th</sup> September, 2015 Shri P. S Ramesh Superintendent of Prison Dharwad invited chief guest addressed the students on Importance of Law, Court and Prison and impact of crimes in the Society.
  - 20<sup>th</sup> October, 2015 Prof .V. S. Hittlmani Dean Social Sciences KUD invited guest delivered a talk on Higher Education and Employment opportunities after completion of B.Sc degree.
  - 29<sup>th</sup> January 2016 Prof. S.M. Shivaprasad Scientist JNCASR, Bangalore gave a lecture on Optoelectronics.
  - 27<sup>th</sup> Feb 2016 Prof. Nirajan Murthy invited resource person KUD gave a special talk on Recent Advances in Plant Tissue Culture.
  - 1<sup>st</sup> March 2016 Dr. Vedamurthy Chairman Biotechnology gave a lecture on Recent developments in the field of Life Sciences.
  - 11<sup>th</sup> March 2016 Dr. K. Keshavrao Jadhav Joint Director UPSC, New Delhi gave a talk on Orientation on UPSC.
  - 14<sup>th</sup> March, 2016 Shri S.S. Hiremath Sub-Inspector, Vidyagiri Police Station Dharwad delivered a talk on 'Role of Police in Criminal Investigation' at Department of Criminology and Forensic Sciences.
  - 16<sup>th</sup> March 2016 a special lecture was delivered by the invitee Prof. H. Nagaraj Mysore University on Atmospheric Pressure and Wind Systems.
  - 22<sup>nd</sup> March, 2016 Prof. H. C. Laxman invited resource person KUD gave a lecture on Microbes.
  - 2<sup>nd</sup> April 2016 Shri. M. Nasarulla Senior Geologist Mineral Division Dept. of Mines and Geology Govt of Karnataka gave a talk on Importance of Geology for the Present and Future and Role of Geologists.
  - 4<sup>th</sup> April, 2016 Shri. Pavan Miskin, Secretary, North Karnataka Bird Network, Nature Conservation Club, Hubballi was the Chief Guest for One Day Awareness Programme conducted in Department of Zoology about "Conservation of Birds" to highlight role of birds in pollination and maintenance of ecological balance under Zoology Study Circle.
  - 6<sup>th</sup> April, 2016 Dr R. R. Kamble Prof. Organic Chemistry delivered a special lecture on Arrows in Chemistry.
3. Our college's student team has participated in the National Science Day competition Save Earth on 28<sup>th</sup> February 2016. Won prizes in painting- 2<sup>nd</sup> prize, Quiz-3<sup>rd</sup> prize and Essay -3<sup>rd</sup> prize.

4. Inter class competition was conducted by Department of Chemistry to enhance extra-curricular activities.

5. NCC Cadets have participated in various events:

- Cadets: SUO, Faheem M. Mulla and SGT Akshata Muskin attended National Integration camp in Andhra Pradesh, Baoatla in January 2016.
- Cadets: SUO, Vaibhavi Joshi attended National Thal Saink camp at New Delhi and also attended the South Zone Malvankar Shooting camp in T.N in 2015 February.
- Cadets: JUO, Mustak Nadaf attended Bharat Ekta Cycle Rally from Belgaum to Goa during 2015, and also attended the National Integration camp in Andhra Pradesh, Bapatla 2016. Cadets: CHM, Nadish Angadi attended BLC and ALC camp at Mysore and Assam during the year 2015. Further, 31 NCC Cadets attended Republic Day( 26.1.2016) Parade at R. N. Shetty ground, Dharwad and 20 cadets attended combined Annual Training Camp at KUD during September 2015. All NCC cadets attended the YOGA camp held at KUD on 22 July 2015.
- NSS Annual Special Camp was conducted from 1-3-2016 to 7-3-2016 with the support of NSS Officer and NSS volunteers at Mansoor, the adopted village.
- ❖ “AKKA” Ladies Association under the guidance of Dr. Vidya Aminbhavi has conducted a special Lecture on
- ❖ AKKA Ladies Association during the programme arranged- Karate demonstration to girls for self defense .
- ❖ Criminology department On 7<sup>th</sup> February, 2015 a special Programme on “Robotics and Applications” was conducted for UG and PG students by Prof. Jyothi G. Patil, Dept. of Automation and Robotics of BVBCET, Hubballi delivered a talk and explained the robot applications in various fields.
- ❖ Prof . S.S. Navalgund was invited to deliver a special lecture on “Design of controllers using Fuzzy Logic” held on 11<sup>th</sup> March, 2015. And also bring awareness to the students having resource user friendly device.
- ❖ SWO Dr. K. P. Kolkar conducted- On 23<sup>rd</sup> January 2016 at B1 Hall of Botany Department, Rashtra Sevika Samithi organized a special lecture program for girl students. Main intention of the function was to bring awareness about the current burning social problems and raising voice against such evils. Smt. Rajani Kulkarni (District chairperson), and Shashirekha Kulkarni (City chairperson), delivered detailed lectures to 70 B.Sc. students.
- ❖ A workshop conducted on 24-02-2016 for Personality development for B.Sc. students. The Chief Guest Mr. Sudharshan, Director of V-LEAD, Swamy Vivekananda Youth Movement Mysore. He inaugurated and explained regarding the potential power of youths.
- ❖ The college has organized a Parents-teacher meeting on Saturday, 12th March 2016 at BCA auditorium hall between 11am- 3pm.

## Annexure XIV

### SWOT Analysis

<b>1. Strengths</b>	<ul style="list-style-type: none"><li>• High quality of teaching at the graduation and post graduation. Maximum number of subject combinations at the entry level for under graduate course</li><li>• Minimum admission fees for students.</li><li>• Equity is given to the students belonging to all sections of society as per Govt. Policies.</li><li>• Students are encouraged for the studies by providing them various scholarships and cash prizes.</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 render psycho-social counselling services to girls.</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. NSS unit every year adopts one village and takes up some useful social work sometimes development work in association with the important people in that adopted village.</li><li>• Students Welfare Officer is working to attend to the problems of the students.</li><li>• Recognized research centre by the University, evident by more than 30 students have been awarded with Ph.D. degrees.</li><li>• Majority of the faculty members are Research Supervisors</li><li>• Students are given opportunity to learn foreign languages and to take up small research projects with financial assistance by funding agencies.</li><li>• Publication of research findings in reputed in National and International journals with good Impact Factor</li></ul>
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<b>2. Weaknesses</b>	<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 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> <li>• Lack of industry and institution tie-ups</li> </ul>
<b>3. Opportunities</b>	<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>✧ Creation of Medicinal herbs and plants garden in the institutions Botanical Garden</li> <li>✧ Campus Recruitments for the Post Graduate students and B. Sc students. Training Teachers to counsel their wards.</li> </ul>
<b>4. Threats</b>	<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 enrolment.</li> <li>• High cost of maintenance of infrastructure</li> <li>• Emerging foreign, private and deemed universities with which we have to compete.</li> </ul>

The AAA committee assesses our college every year and the commendations on assessment are noted as positive.