

# AAA REPORT 2019-20 & 2020-21



Karnatak University's,  
**KARNATAK SCIENCE COLLEGE, DHARWAI**  
(Constituent College of Karnatak University, Dharwad)  
*NAAC Accredited*



ACADEMIC AND ADMINISTRATIVE AUDIT COMMITTEE

2019-20

## Observation Form

Name of the College: KARNATAK SCIENCE COLLEGE, DHARWAD Date: 30/08/2021

Observations to be made:

1.0 First Impression/Overview:

First impression of the college, upkeep etc.

2.0 Utilization of resources:

2.1 Class Room (Time Table/Timing/Holidays etc.)

Total No. of Class Rooms: 25

College Timing : 7.50am to 6.30pm

Holidays : As per KUD circular

2.2 Teachers Workload : As per UGC guidelines

2.3 Library : 09

a) Total No. Books : 182534

b) Total No. of Journals : 28

2.4 Laboratories (UG/PG/RESEARCH) : 30

2.5 Computer Labs : 03

No. of PC's : 152

No. of Printers : 30

Software's : 02

Scanners : 30  
Reprographic facilities : Nil  
Camera/web camera : 02  
Website : <http://www.kscd.ac.in>

### 3.0 Inputs/Recruitments etc.:

#### 3.1 Admissions:

COURSE	B.Sc	B.C.A.	B.Sc.(CS)	M.Sc.(Phy)	M.Sc.(Chem)	M.Sc.(Maths)
Intake	365	60	50	35	40	35
No. of applications received	1680	132	88	690	701	810
No. of students admitted	418	66	48	20	20	35
Dropouts						

3.2 Total No. of Ph.D. students : 65

Total No. of M.Phil. students: Nil

**Total No. of Ph.D. awarded : 05**

Total No. of Ph.D. thesis submitted:02

#### 4.0 Design and delivery of course and its quality:

4.1 Syllabus revised in 2012-13 year.

4.2 Student's feedback is collected regularly and suitable initiatives are taken for improving the quality of teaching in the form of upgrading the laboratories, procuring good number books and meeting with faculty members.

#### 4.3 Results:

##### A) B.Sc

Year	Semester	Total No. of students appeared	No. of distinctions	No. of passing	No. of failed students
Nov - 2019	I	414	94	281 (67.87%)	133
	III	406	227	330(81.28%)	76
	V	334	129	297 (88.9%)	37
May - 2020	II	414	---	100%	NIL
	IV	406	---	100%	NIL
	VI	334	195	277(83%)	27

##### B) BCA

Year	Semester	Total No. of students appeared	No. of distinctions	No. of passing	No. of failed students
Nov - 2019	I	66	25	42 (63.63%)	24
	III	59	31	53 (89.83%)	06
	V	51	24	43 (84.31%)	08
May - 2020	II	64	---	64 (100%)	NIL
	IV	59	---	59 (100%)	NIL:
	VI	51	42	47 (92.15%)	4

C) B.Sc.(Computer Science)

Year	Semester	Total No. of students appeared	No. of distinctions	No. of passing	No. of failed students
Nov - 2019	I	48	11	17 (35.41%)	31
	III	48	16	34 (70.83%)	14
	V	47	24	38 (80.85%)	9
May - 2020	II	44	---	44 (100%)	NIL
	IV	46	---	46 (100%)	NIL
	VI	46	40	46 (100%)	NIL

D) M.Sc. (Chemistry)

Year	Semester	Total No. of students appeared	No. of passing	No. of failed students
Dec-2019	I	39	21 (53.84%)	18
	III	38	24 (64.15%)	14
Sept-2020	II	39	39 (100%)	NIL
	IV	38	34 (88%)	04

E) M.Sc.(Physics)

Year	Semester	Total No. of students appeared	No. of passing	No. of failed students
Dec-2019	I	38	26 (68.42%)	12
	II	38	38 (100%)	NIL
Sept-2020	III	31	27 (87.09%)	04
	IV	40	29 (73%)	11

F) M.Sc.(Mathematics)

Year	Semester	Total No. of students appeared	No. of passing	No. of failed students
Dec-2019	I	53	49 (92.45%)	04
	III	52	45 (86.53%)	07
Sept-2020	II	53	53 (100%)	NIL
	IV	49	42(86%)	01

#### 4.4 Research Publications:

☐ Research Guides	: 21
☐ Ph.D. Degree awarded	: 05
☐ Submitted PhD thesis	: 02
☐ Present Ph.D. Students Strength	:65
☐ Pursuing PhD With fellowship	: 14
☐ M.Phil. Students	: Nil
☐ Research Papers Published (During 2019-20) in :	
International Journals:	41
National Journals	: 09

- Students Research Publications :47
  - in International Journals:
- Achievements of Students in National and :02
  - International: Conferences/ Model Exhibitions:
- Number Of Conferences Attended (during 2019-20) in :
  - INTERNATIONAL : 07
  - NATIONAL : 17
- Number Of Books Published : Nil
- Chapters in Books : Nil
  
- International conference organized : Nil
- National conference organized : Nil
- Awards and recognition for Teaching / research :02+02
- No. of Training programmes conducted : 02

#### Research Projects:

- **Minor Research Project completed : NIL**
- **Total grant Received : NIL**
  
- **Major Research Projects Ongoing : 02**
- **Total grant Received : 65.02 Lakh**

#### 4.5 Add-on Programmes

: Nil

Bridge courses and Tutorials for slow learners and advanced learners are conducted regularly in all the departments.

#### 4.6 Placement Percentage

:59%

#### 5.0 Co-Curricular, Extracurricular activities and relation with society:

##### 5.1 Alumni:

College is having registered alumni association and meets regularly in different departments.

##### 5.2 Consultancy, MDP's and other programmes with Govt.Dept. Outreach programmes

###### Geology department is involved in:

- Helping university, Hostels, farmers of nearby villages & Residents of Hubli-Dharwad to Locate bore well points.
- Rain water harvesting / roof top harvesting structures.
- Suggestions for Rock identification, its quality and also gemstones and mineral testing

###### Forensic science department extends:

- Expert opinion for judiciary, university and police departments regarding the crimes.

###### Department of Zoology provides:

- Expert opinion in Fisheries, Toxicology and aquaculture procedures for villagers/ Fishermen..
- Water quality maintenance and aquaculture.

###### Botany department is involved in:

- Helping Government and non government departments for Plant identification. Further, they are also helping the same organizations in environmental related issues.

5.3 Other co-curricular and extracurricular activities:

A. List of Tournaments Organized by Our Institution:

Month&Year	Name of the event
26-28 Feb 2019-20	Karnatak University Intercollegiate Single Zone cricket tournament
6 & 7 March 2019-20	Karnatak University Intercollegiate Inter-zonal Zone cricket tournament

A. NCC Activities:

Sl.No.	Title of the activities	Organising unit/ agency/ collaborating agency
1	IGC/RDC, Army Attachment Camp ARMY	NCC, 1/24 COY KSCD
2	EBSB - II ✓	NCC, 1/24 COY KSCD ✓
3	ALC, BLC	NCC, 1/24 COY KSCD ✓

B. National Service Scheme Activities

Sl.No.	Title of the activities	Organising unit/ agency/ collaborating agency
1	Roadside plastic collection	NSS Unit, Karnatak Science College, Dharwad
2	Plantation	NSS Unit, Karnatak Science College, Dharwad
3	7 days awareness programme on "Solid waste management and plastic free campus"	NSS Unit, Karnatak Science College, Dharwad

C. Students Participation and Activities in Other Sports

Date & Year	Name of the award/medal	Name of the student	Venue
<b>SPORTS</b>			
10/10/2019	Cross Country	Pallavi G. Appinabail	Andhra Uni. Vishakapatnam (AP) ✓
25/11/2019	Chess ✓	Priya M. Pundikallad	Acharya Nagarjun Uni. Guntur (AP)



15-19/12/2019	Basket Ball	Krupa A. Kattishetti	University of Madras, Chennai (TN)
17-19/02/2020	Sepak Takraw	Kiran G. Mundinamani	MJP University, Rohilkhand (UP)
10-13/03/2020	Taekwondo	Sushma V. Ballary	Panjabi University, Patiyala, (Panjab)
05-07/12/2019	Football	Kiran G. Mundinamani, Amirsuhail Bagalkot	Youth Sports Development, Prayagraj (UP)
10-13/03/2020	Taekwondo	Sushma V. Ballary	Association of Indian Universities, New Delhi
24-25/09/2019	Net ball	Krupa A. Kattishetti	Dasara Kridakoota, Belagavi Div.
17/09/2019	Cross Country	Pallavi G. Appinabail	GFGC, Haliyal
9-11/12/2019	Running (800 mts)	Pallavi G. Appinabail	JSS College, Dharwad
9-11/12/2019	Running (1500 mts)	Pallavi G. Appinabail	JSS College, Dharwad
<b>UNIVERSITY BLUES</b>			
10/10/2019	Cross Country	Pallavi G. Appinabail	Karnatak University, Dharwad
17/02/2020	Sepak Takraw	Kiran G. Mundinamani	Karnatak University, Dharwad
22/11/2019	Chess	Priya M. Pundikallad	Karnatak University, Dharwad
15/12/2019	Gymnastic & Basket Ball	Krupa A. Kattishetti	Karnatak University, Dharwad
10/03/2020	Taekwondo	Sushma V. Ballary	Karnatak University, Dharwad
08-11/02/2020	Mens Cricket	Akash Pattar	Karnatak University, Dharwad
06-07/03/2020	Inter Zonal Mens cricket	Indrasen Dani	Karnatak University, Dharwad
<b>CULTURE</b>			
04/12/2019	Cartooning	Mohammadkhaleel M. Mullannavar	P.G. Gymkhana, Karnatak University, Dharwad
03/12/2019	Folk Tribal Dance	Pooja Hiremath, Tejaswini Halegoudar and others	P.G. Gymkhana, Karnatak University, Dharwad
03/12/2019	Folk Orchestra	Deepika H. Nayak, Seema Badashetti and others	P.G. Gymkhana, Karnatak University, Dharwad
04/10/2019	Collage	Pooja Hiremath, Tejaswini Halegoudar and others	Nehru Arts, Commerce & Science College, Hubballi
04/10/2019	Mimicry	Manjunath Javali	Nehru Arts, Commerce & Science

			College, Hubballi
05/10/2019	Cartooning	Mohammadkhaleel M. Mullannavar	Nehru Arts, Commerce & Science College, Hubballi
05/10/2019	On the spot painting	Ramalinga	Nehru Arts, Commerce & Science College, Hubballi
04/10/2019	Spot photography	Akshay Handi	Nehru Arts, Commerce & Science College, Hubballi
04/10/2019	Skit	Ashwini Naragund, Priyanka Betageri and others	Nehru Arts, Commerce & Science College, Hubballi
04/10/2019	Quiz	Mohammadkhaleel M. M., Shivanand T. and others	Nehru Arts, Commerce & Science College, Hubballi
04/10/2019	Miusic Orchetra	Pooja Hiremath,	Nehru Arts, Commerce & Science College, Hubballi
04/10/2019	Music Folk Orchestra	Soumya Kotodi and others	Nehru Arts, Commerce & Science College, Hubballi
04/10/2019	Group dance (Western)	Bhavani Peerannavar and others	Nehru Arts, Commerce & Science College, Hubballi
04/10/2019	Folk Tribal Dance	Pooja Hiremath, Venkatesh K. and others	Nehru Arts, Commerce & Science College, Hubballi

#### 5.4 Personality development programme:

More than five training programmes are conducted by Science association. In addition, Karnatak science college gymkhana also conducts regularly personality development programmes for the overall development of students. In particular, our NSS and NCC students are very much trained in this regard.

#### 5.5 Gender and Environment related activities:

##### A. Extension Programmes organized by the college:

- NSS annual special camp was conducted at Shalmala Hostel, Karnatak university, Dharwad campus, Pavate Nagar, KUD from 3<sup>rd</sup> to 9<sup>th</sup> march 2020. With the support of NSS officer and NSS volunteers, to create awareness about Plastic eradication, solid and liquid waste management, female education and rural development.
- Free dental Check-up camp was conducted in association with Rotary Club of seven hills & SDM Dental College, Dharwad.

## **OBSERVATIONS**

1. The Institution has independent spacious Department-wise buildings.
2. The Departments have separate well maintained Laboratories, Museums, Classrooms and Libraries.

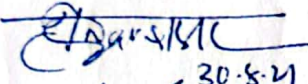
## **COMMENDATIONS**

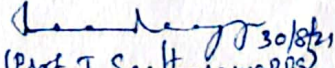
1. College is recognized as Research Centre.
2. Majority of the faculty members are Ph.D. holders, recognized as research guides and actively involved in guiding the research students for Ph.D Degrees. Some faculty members have got research grants from different funding agencies.
3. The college is offering three post graduate programmes viz., Chemistry, Physics and Mathematics.
4. College Health Centre is recognized as Covid-19 Vaccination Centre for students, staff and general public and serving the society.

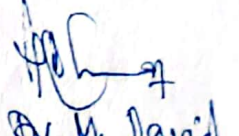
## **RECOMMENDATIONS**

1. Vacant posts for Teaching/Non-Teaching/laboratory assistants are to be filled on priority basis.
2. Qualified and eligible teachers are to be encouraged to apply for the recognition of Research guides and submit the research proposals to different funding agencies.
3. A separate budget provision is to be made for PG Departments to run these courses effectively.
4. Recruitment of Permanent Teaching faculty for Biotechnology, Microbiology, Genetics and Industrial Fish and Fisheries is to be made as there are no permanent teachers.
5. Increase the hostel facilities for girls and boys.
6. Recruitment of library staff is to be initiated. Digitalization of library is highly recommended.
7. Alumni Association has to be strengthened and regular activities need to be conducted.
8. College has to enter MOU with other Institutions/ Industries/Departments/Universities to promote Research/ Placement opportunities.
9. Separate rest rooms for boys and girls are to be made.
10. The College campus has to be provided with CCTV surveillance.
11. Establishment of coaching centers for Higher Education & Career opportunities to students is essential.

12. Strengthening of Anti ragging Cell, Sexual Harassment Cell, Students grievances Cell, Girl student grievances/redressal cell for SC/ST students, Human Right Cell is required.
13. Steps to be taken under green initiatives: Solar Energy, Rain water harvesting, plastic free campus, Plantations and Composting.
14. Introduction of new Post Graduate Courses, Diploma and Certificate Courses is recommended.
15. Functioning of IQAC needs to be further strengthened to collect relevant information periodically. For this, one staff member from each Department may be identified.
16. College may introduce add-on courses through SWAYAM and MOOC on priority basis.
17. Conduct regular Seminars/Workshops/Conferences etc., with the assistance of various funding agencies such as UGC, DBT, DST, VGST and University to expose the students to recent advances.
18. Organize more extension programmes in surrounding villages to educate the rural masses about Environmental awareness, waste management, Woman Empowerment, Health and hygiene and resource management.
19. Budget for the maintenance of all Museums in the College is necessary.

1)   
 30.8.21  
 (Prof. I. L. Iyengar)  
 Chairman

2)   
 30/8/21  
 (Prof. J. Seetharamappa)  
 Member

3)   
 Dr. N. David  
 Member