



## Yearly Status Report - 2018-2019

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>		<b>KARNATAK SCIENCE COLLEGE</b>
Name of the head of the Institution	<b>Dr. (Smt.) A.S. Bellad</b>	
Designation	<b>Principal</b>	
Does the Institution function from own campus	<b>Yes</b>	
Phone no/Alternate Phone no.	<b>0836-2215410</b>	
Mobile no.	<b>9225340906</b>	
Registered Email	<b>kcdnaac@gmail.com</b>	
Alternate Email	<b>principal.kscd@gmail.com</b>	
Address	<b>College Road, Near All India Radio, Dharwad</b>	
City/Town	<b>Dharwad</b>	
State/UT	<b>Karnataka</b>	
Pincode	<b>580001</b>	
<b>2. Institutional Status</b>		
Affiliated / Constituent	<b>Constituent</b>	
Type of Institution	<b>Co-education</b>	
Location	<b>Urban</b>	
Financial Status	<b>state</b>	
Name of the IQAC co-ordinator/Director	<b>Dr. L. T. Nayak</b>	

Phone no/Alternate Phone no.	08362215400
Mobile no.	9448746967
Registered Email	kscdiqacvision2324@gmail.com
Alternate Email	principal.kscd@gmail.com

### 3. Website Address

Web-link of the AQAR: (Previous Academic Year)

<http://www.kscd.ac.in>

4. Whether Academic Calendar prepared during the year

Yes

if yes, whether it is uploaded in the institutional website: Weblink :

<http://www.kscd.ac.in>

### 5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
2	A	3.26	2009	25-Sep-2009	24-Sep-2014
3	B	2.22	2019	26-Sep-2019	03-Mar-2024

6. Date of Establishment of IQAC

01-Jun-2001

### 7. Internal Quality Assurance System

#### Quality initiatives by IQAC during the year for promoting quality culture

Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/beneficiaries
Scholarships (Cash prizes) for meritorious students	16-Feb-2019 7	13
Green-auditing of the college campus	04-Dec-2018 15	730
Feedback from all stakeholders collected, analyzed and used for improvements	04-Jul-2018 10	415
Submission of Annual Quality Assurance Report (AQAR) to NAAC	29-Sep-2018 6	25
Regular meeting of Internal Quality Assurance Cell (IQAC)	19-Mar-2019 2	7

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file\_path='.encrypt('Postacc/Special\_Status/'. \$instdata->upload\_special\_status)}}}

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**8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.**

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Chemistry	SERB	SERB, New Delhi	2016 1460	4192144
Chemistry	RGS/F	VGST, Bangalore	2019 365	500000
Geology	SERB	SERB, New Delhi	2018 1095	2310000

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**9. Whether composition of IQAC as per latest NAAC guidelines:**

Yes

Upload latest notification of formation of IQAC

[View Link](#)

**10. Number of IQAC meetings held during the year :**

4

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

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**11. Whether IQAC received funding from any of the funding agency to support its activities during the year?**

No

**12. Significant contributions made by IQAC during the current year(maximum five bullets)**

Significant contributions made by IQAC during the current year 1. Skill enhancement programme for chemistry teachers on One day Workshop on "UG Chemistry Practical techniques, performance, evaluation and guidelines". 2. Encouragement for Promotion of Interdisciplinary Research. 3. Skill Components enhancement for undergraduate science students. "How to make it attractive and useful to UG students key note by : Prof. M.S. Hegde, IISc Bangalore." 4. Enhanced Industry Institute interactions. 5. Future Energy crises and role of nuclear energy in the present scenario "nuclear energy for empowering future" (NEEF2018). 6. Encouraging

the department to establish MoU with different academic and non academic organizations. 7. Two Days Workshop on "Industry Oriented Training".

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achievements/Outcomes
Soliciting more funds for research SERB DST DBT UGC VGST	* SERB has sanctioned INR 41,92,144/- to Dr. Saraswati Masti of Chemistry dept. * SERB has sanctioned INR 23,10,000/- to Dr. Manjunath S. of Geology dept. *VGST has sanctioned INR 9,00,000/- to Dr. Rajesh Kalkambkar of Chemistry dept. *UGC has sanctioned INR 3,35,000/- to Dr. Kariyappa Katagi of Chemistry dept.
Detailed calendar of events for the academic year is prepared and uploaded in the college website and displayed on the college notice board	All the programmes were conducted strictly as per the calendar of events. Students are aware of the schedules of the admissions, internal theory and practical examinations, OMR submission for enrolment for university examinations, sports/extracurricular activities, celebration of national festivals and the list of holidays.
ICT based communication system in conduct of examinations	* Semester end theory examination schedule of the university was published in the college website. It was also displayed on the college notice board. * Semester end practical examination schedule of the university was published in the college website and displayed on the college notice board. * Performance of the students in semester end practical examinations are digitally uploaded to the university website soon after the completion of examinations. * Semester end theory examination results were made available in the college website.
Enhanced interactions with Industry/field/site experts.	Industry/field/site visits have been the prominent programmes for most of the science departments. 1. Frequent visits to the medicinal plant nurseries and interaction with the experts regarding the medicinal plants, their cultivation and uses. 2. Student's interaction with experts in poultry, hatcheries, fish culture units. 3. Panel Discussions with Industry Experts a) Central Institute of Plastics Engineering and Technology, Mysore b) Gokak Cotton Textile Ltd., Gokak. c) Renuka Sugars Ltd., Mudalagi 4. Discussion with experts like mining engineers and geologists. 5.

	Household survey regarding socioeconomic aspects to understand the problems faced by the people (general public). Discussion about environmental issues with industry representatives.
Encouragement of under graduate science students for Skill Components programmes.	Every Science Department offers a small skill development component which is not covered in the curriculum. Students have participated and gained Hands-On-Training during these skill developing sessions. After completion of the hands-on training, the students are assigned small projects to test the outcome of the training programme.

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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
Governing Council	22-Feb-2019

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?

No

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission

2019

Date of Submission

22-Feb-2019

17. Does the Institution have Management Information System ?

Yes

If yes, give a brief description and a list of modules currently operational (maximum 500 words)

Documentation, Validation and Verification (DVV) committee has been formed. The committee gathers information from all departments regarding academic programmes, certificate courses, major activities which have been conducted, achievements of staff and students, extension work, research and collaborative work, as well as seminars and workshops organized for staff and students. The committee also collects information regarding the financial assistance extended to

students and staff by the college or University, in order to enable them to participate in sports and extra curricular activities, seminars, workshops, science exhibitions and training activities. The head of this committee and the Chairpersons of departmental study circles submit their reports regarding the annual activities conducted in the College, along with documents, evidences and photographs. These reports are published in the college miscellany (named as VARNASAPATAKA) this magazine is released once a year, and it is distributed to all the students, teachers and other invitees who attend the miscellany release function. College Prospectus The college prospectus contains information regarding the Vision, Mission Goal and profile of the institution. In addition, the prospectus contains information about the profile of each Department teaching, nonteaching and technical staff, subject combinations, fee structure, scheme of examination, available infrastructure and facilities in the college campus and the all the amenities like hostels, gymkhana, health center, NCC and NSS. Scanned Documents are the scanned copies of the evidences Album of Photographs It contains a collection of pictures or photographs taken during departmental and college activities.

## Part B

### CRITERION I - CURRICULAR ASPECTS

#### 1.1 - Curriculum Planning and Implementation

1.1.1 - Institution has the mechanism for well planned curriculum delivery and documentation. E: words

IQAC forms a committee to prepare the semesterwise calendar of eve design the time table for all the U.G. and P.G. programmes conducted departments of the college, as per university norms. The calendar o:

time table are displayed on the college notice board and they are up on the official website of the college. IQAC also monitors the strict implementation of the academic programmes as per the calendar of events and the time table. The college has self-designed certificate, skill based and value added courses, emphasizing on student employability, enhancement of skill and knowledge, as entrepreneurship development. Before the end of the last working semester, the teachers are informed about their workload and course schedule for the next semester. This process enables the teachers to prepare a teaching plan in advance, for the next academic assignment. IQAC provides all the teachers a diary, where they have to record their lecture plans and work executed. This will be monitored and duly acknowledged by the higher authority. The teachers refer standard text books and reference books prescribed by the university along with the latest information available online in various standard websites. They also explore other resources which are available for effective implementation of the curriculum. In addition to traditional teaching methods, various innovative teaching methods like the conduct of quiz programmes, group discussions, demonstrations, debates, power point presentations, allied projects, field visits, add-on practicals, assignments, videos, use of charts and group studies are used for effective implementation of the curriculum. After the semester-wise result analysis, corrective measures are suggested and implemented. The college conducts bridge courses and remedial classes to strengthen the academic performance of the students and to improve the results. Academic review and feedback from students/parents/stakeholders/employers/alumni are taken periodically from different aspects. Feedback analysis will be done by an external agency. The results will be submitted to the higher authority. Concerned authorities conduct regular meetings. The short comings in teaching and other facilities are indicated in the feedback report will be intimated to the concerned authorities and suggestions for improvisation will be provided by the higher authority to the concerned teacher.

### 1.1.2 - Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employability/entrepreneurship
NIL	NIL	Nil	000	NIL

## 1.2 - Academic Flexibility

### 1.2.1 - New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nil	NIL	Nil

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### 1.2.2 - Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented in affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/ Elective System
MSc	Physics	Nil
MSc	Chemistry	Nil
MSc	Mathematics	Nil

### 1.2.3 - Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Courses



Number of Students	0	0
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### 1.3 - Curriculum Enrichment

#### 1.3.1 - Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students
000	Nil	0

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#### 1.3.2 - Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Internships
MSc	Physics	31
MSc	Chemistry	29
MSc	Mathematics	35
BSc	Geography	13
BSc	Computer Science	30
BCA	Computer Applications	48
BSc	Microbiology	6

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### 1.4 - Feedback System

#### 1.4.1 - Whether structured feedback received from all the stakeholders.

Students	
Teachers	
Employers	
Alumni	
Parents	

#### 1.4.2 - How the feedback obtained is being analyzed and utilized for overall development of the (maximum 500 words)

##### Feedback Obtained

Offline feedback mechanism is structured. This mechanism is divided into categories viz., students, parents, alumni, teachers and employer feedback. Student feedback is based on three criteria: curricular, infrastructural and teaching learning process. Feedback on overall functioning of the college is based on the learning environment of the college, canteen facility, library center, gymkhana, functioning of anti-ragging cell, Counselling center and library facility. Feedback on Teachers (Teaching and Learning Process) covers teaching learning process, punctuality, communication approach towards the students, sharing of innovative ideas etc. IQAC collects feedback on teachers' innovativeness, use of ICT in teaching methodology, interactive teaching, and student involvement in learning. The IQAC members have individual teacher's feedback reports and have analyzed the same. The report is submitted to the head of the institution, for further corrective measures/ suggestions to the concerned teacher, for improvement.



**Parents feedback:** Parents feedback is collected based on overall development of their children and about learning environment, infrastructure facilities available in the college, teacher's friendliness and imparting value education. **Alumni feedback:** The alumni association of the college is the body. Feedback is collected from the members about the role of college in the development of students personality and employability, academic excellence, and also how the institution has helped them to acquire life skills. **Employer feedback:** The members of IQAC have also collected feedback from potential employers on the current curriculum. This feedback includes the response of employers and industry experts, especially their views on the academic curriculum, as per the current scenario. Placement cell takes the corrective action on this feedback while organizing training sessions.

## CRITERION II - TEACHING- LEARNING AND EVALUATION

### 2.1 - Student Enrolment and Profile

#### 2.1.1 - Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received
BSc	General	365	1500
BCA	Computer Applications	60	128
BSc	Computer Science	50	85
MSc	Physics	35	725
MSc	Chemistry	40	750
MSc	Mathematics	35	800

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### 2.2 - Catering to Student Diversity

#### 2.2.1 - Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses
2018	531	122	116	9

### 2.3 - Teaching - Learning Process

#### 2.3.1 - Percentage of teachers using ICT for effective teaching with Learning Management System, e-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms
127	127	15	15	1

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

### 2.3.2 - Students mentoring system available in the institution? Give details. (maximum 500 words)

• For UG/ PG Courses in the respective department, HOD will assign to each class or division, becomes the advisor for his/ her assigned division/class. • HOD will assign a mentor ( a teacher role of mentor for a group of students in a division or class), in consultation with the concerned of 15 to 20 students are assigned to each mentor by the HOD of the respective department. • subject has a practical in-charge, who monitors the experiments, the equipment, preparatory manuals) as well as difficulties faced by students during the practical session (in association with in the laboratory). • A mentor will guide the B.C.A/B.SC (CS) students, regarding their placement students, the mentor provides information regarding the facilities available in the college, various conducted by the college, examination pattern, health and stress management. • For the student and third years in the college, the mentor provides them information about specialized subject curriculum, and carrier opportunities related to those subjects. • For girl students, apart from warden, there will be a lady staff member who will address the gender specific problems of the

Number of students enrolled in the institution	Number of fulltime teachers	Mentor
1655	127	

### 2.4 - Teacher Profile and Quality

#### 2.4.1 - Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No
81	41	40	84	

#### 2.4.2 - Honours and recognition received by teachers (received awards, recognition, fellowships & International level from Government, recognised bodies during the year )

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, Government or recognized
2018	Dr. (Smt.) Jayalakshmi K.	Assistant Professor	Award H. Homi Baba prize paper presentation in International Conference Joshi College, Hadapsar

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### 2.5 - Evaluation Process and Reforms

#### 2.5.1 - Number of days from the date of semester-end/ year- end examination till the declaration the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration semester-end examination
BSc	B.ScSS	2018	23/11/2018	02/02/
BCA	B.C.A	2018	11/11/2018	02/02/
BSc	B.ScCS	2018	19/11/2018	02/02/
MSc	MSCChem	2018	30/11/2018	20/03/
MSc	MSCPhy	2018	30/11/2018	20/03/
MSc	MSCMat	2018	19/01/2019	19/03/

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### 2.5.2 - Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (

a) **Examination Process and Reforms:** Institution has adopted Karnatak examination rules. Two internal theory and one practical per semest conducted by the concerned teacher by adopting centralized internal system (CIE) to maintain the academic standard of the students. Evalu is made available to the respective students and also upload the r Karnatak University website. Grievances are addressed. Based on the slow learners are identified and remedial classes are conducted. Sche semester end examinations is notified by the university. Principal teacher as Chief Superintendent for the smooth conduct of examir Orientation to the supervisors is given before the examinations. U appoints a sitting and a flying squad to look after the exam proces semester end practical examinations, university will appoint an exte internal examiner. After the assessment, marks will be uploaded to th examination portal. b) **Evaluation Process and reforms:** Bar coding: E paper is given a barcode. Students register number along with a b removed before the evaluation. Coded answer papers are assessed and University will notify the results after the evaluation. Photocopy: permitted to get the photocopy of their answer scripts to check the valuation. Revaluation: Soon after the announcement of results, st given an opportunity to apply for revaluation within the specified Valuation: There is a provision for the third valuation. MCQ sys mandatory subjects like Environmental Studies, Human Rights, Indian etc. Multiple Choice Questions system is followed.

### 2.5.3 - Academic calendar prepared and adhered for conduct of Examination and other related m words)

A centralized calendar of events is prepared by a committee before tl commencement of each academic year and the same is uploaded in the co website and displayed on the notice boards of all the department. It important dates to guide the students and teachers for the academic ; extracurricular activities to be conducted throughout the year. Basec calendar of events, a sub-committee prepares a detailed time table fo internal theory and practical examinations and finally distributed ar teachers and students. Teachers' academic workload, lesson plan etc. prepared based on the calendar of events. In addition to the existing assignments, every teacher is allotted with extracurricular activitie gymkhana, youth festival, science association, celebration of nationa and will be conducted/celebrated as per the calendar of events. Every strictly monitored by a committee headed by the Principal and Vice P; gymkhana. At the end of each academic year, a committee overviews the implementation of the events mentioned in the calendar and a feedback students and the stack holders is obtained and analyzed. The college vibrant culture of instilling inquisitiveness and scientific temper ; students through a number of activities.

## 2.6 - Student Performance and Learning Outcomes

2.6.1 - Program outcomes, program specific outcomes and course outcomes for all programs offer institution are stated and displayed in website of the institution (to provide the weblink)

<http://www.kscd.ac.in>

2.6.2 - Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination
BScSS	BSc	Twenty Seven different Combinations	345	323
BCA	BCA	Computer Application	50	49
BScCS	BSc	Computer Science	38	28
MScPhy	MSc	Physics	33	23
MScChem	MSc	Chemistry	40	39
MScMat	MSc	Mathematics	35	34

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## 2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design questionnaire) (results and details be provided as weblink)

<http://www.kscd.ac.in>

## CRITERION III - RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 - Resource Mobilization for Research

3.1.1 - Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received
Minor Projects	365	VGST	500000	500000
Major Projects	1095	SERB, New Delhi	2310000	1300000
Major Projects	1460	SERB, New Delhi	4192144	800000

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### 3.2 - Innovation Ecosystem

3.2.1 - Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia practices during the year

Title of workshop/seminar	Name of the Dept.
One day Workshop on "UG Chemistry Practical techniques, performance, evaluation and guidelines"	Chemistry
One day workshop on "nuclear energy for empowering future" (NEEF-2018)	Chemistry
Three Years UG Chemistry-How to make it attractive and useful to UG student's key note by: Prof M S Hegde, IISc Bangalore.	Chemistry
Two Days Workshop on "Industry Oriented Training"	BCA

3.2.2 - Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award
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<b>NIL</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>
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### 3.2.3 - No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of
<b>NIL</b>	<b>NIL</b>	<b>NIL</b>	<b>NIL</b>	<b>NIL</b>	

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### 3.3 - Research Publications and Awards

#### 3.3.1 - Incentive to the teachers who receive recognition/awards

State	National	International
<b>10</b>	<b>08</b>	<b>29</b>

#### 3.3.2 - Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's
<b>Botany</b>	<b>1</b>
<b>Criminology and Forensic Sciences</b>	<b>2</b>
<b>Geography</b>	<b>1</b>
<b>Geology</b>	<b>2</b>
<b>Physics</b>	<b>3</b>
<b>Zoology</b>	<b>1</b>
<b>Statistics</b>	<b>2</b>

#### 3.3.3 - Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor
<b>National</b>	<b>Botany</b>	<b>2</b>	<b>0.66</b>
<b>International</b>	<b>Botany</b>	<b>7</b>	<b>2.31</b>
<b>National</b>	<b>Zoology</b>	<b>4</b>	<b>6.95</b>
<b>International</b>	<b>Chemistry</b>	<b>22</b>	<b>3.03</b>
<b>National</b>	<b>Geography</b>	<b>1</b>	<b>0</b>
<b>International</b>	<b>Geography</b>	<b>2</b>	<b>1.78</b>
<b>National</b>	<b>Geology</b>	<b>0</b>	<b>0</b>
<b>International</b>	<b>Geology</b>	<b>1</b>	<b>2.90</b>
<b>National</b>	<b>Physics</b>	<b>1</b>	<b>1.03</b>
<b>International</b>	<b>Physics</b>	<b>16</b>	<b>2.32</b>

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#### 3.3.4 - Books and Chapters in edited Volumes / Books published, and papers in National/International Proceedings per Teacher during the year

Department	Number of Publication
<b>Geography</b>	<b>1</b>

<b>Botany</b>	<b>1</b>
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3.3.5 - Bibliometrics of the publications during the last Academic year based on average citation Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations
NIL	NIL	NIL	Nil	0	NIL	

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3.3.6 - h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation
Synthesis and preliminary evaluation of benzofuran-oxadiazole conjugates as potential antitubercular agents	O Kotresh	Asian J Chem	2019	13	2
Effect of Amino Anilines on the florescence of Coumarin Derivatives	Nirupama J M	Journal of Luminescence	2018	3	4
Click Chemistry Inspired Design, Synthesis and Molecular Docking Studies of Coumarin, Quinolinone Linked 1, 2, 3-Triazoles as Promising Anti-Microbial Agents	Rajesh Kalkhambkar	Chemistry Select	2018	16	14
Influence of Syzygium cumini leaves extract on morphological, thermal, mechanical, and antimicrobial properties of PVA	Masti S. P.	Journal of Applied Polymer Science	2018	13	27

and PVA/chitosan blend films					
Multistage thermal decomposition in films of cadmium chloride-doped PVA-PVP polymeric blend	Blaise Lobo	Journal of Thermal Analysis and Calorimetry	2018	10	11
Photophysical and computational studies on optoelectronically active thiophene substituted 1,3,4-oxadiazole derivatives	Malimath G. H.	Journal of Photochemistry Photobiology A: Chemistry	2018	9	8
Electrochemical Behavior of an Anti-Viral Drug Valacyclovir at Carbon Paste Electrode and Its Analytical Application	Tuwar S. M.	Russian Journal of Electrochemistry	2018	13	4
Growth of the hepatitis literature over the period 1976-2015: What can the relative priority index teach us?	Patil C. G.	Scientometrics	2018	10	15

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### 3.3.7 - Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National
Attended/Seminars/Workshops	Nil	5
Presented papers	1	12
Resource persons	1	Nil

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### 3.4 - Extension Activities

3.4.1 - Number of extension and outreach programmes conducted in collaboration with industry, Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities
Seven days NSS annual special camp at Managundi village with	In collaboration with NSS Cell-KUD and	1



the theme " Jeeva Jala Samskarane NSS Hone	District and Taluk Panchayat, Dharwad.	
ATC camp at Dharwad	1/24 Coy Battalion KAR NCC Dharwad and Goa Directorate	1
International Yoga Camp held at Karnatak Science College, Dharwad	/24 Coy Battalion KAR NCC Dharwad and Goa Directorate	1
Sena camp at Belgaum	1/24 Coy Battalion KAR NCC Dharwad and Goa Directorate	1
Hill Climbing Training Camp	/24 Coy Battalion KAR NCC Dharwad and Goa Directorate	1
Special Lecture on "Nano particles and their utilization in Modern Science" by Dr. M.N.Kalasad	Science Association, Karnatak Science College, Dharwad	1
One Day Workshop cum Awareness Programme on "Personnel Hygiene and Nutrition"	Science Association, Karnatak Science College, Dharwad	5
One Day Training Programme on "Administrative Opportunities after B.Sc. and Skill Enhancement" by Sri. Chougale and Mr. Kartik Golasangi	Department of Botany, K.Sc, College, Dharwad	10
Special Lecture on "Cell and Developmental Biology using Model Systems" by Dr. Chetan, Dept. of Biotechnology, KUD.	Department of Zoology, K.Sc, College, Dharwad	12
One Day Workshop on "Women Entrepreneurship and Legal Awareness" by Smt. Rati Srinivasan	Ladies Hostel, K.Sc, College, Dharwad	2

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3.4.2 - Awards and recognition received for extension activities from Government and other recognised organisations during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students
NIL	NIL	NIL	0

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3.4.3 - Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated
NIL	NIL	NIL	0	

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### 3.5 - Collaborations

3.5.1 - Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support
NIL	NIL	NIL

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3.5.2 - Linkages with institutions/industries for internship, on-the- job training, project work, shared facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To
NIL	NIL	NIL	Nil	Nil

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3.5.3 - MoUs signed with institutions of national, international importance, other universities, incubators etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students participating
MOU with Nichrome Testing Laboratory and Research Pvt.Ltd	02/01/2019	Promote academic interaction between basic science and life science	

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## CRITERION IV - INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 - Physical Facilities

4.1.1 - Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure augmentation
Nil	102

4.1.2 - Details of augmentation in infrastructure facilities during the year

Facilities	Existing or New
Seminar halls with ICT facilities	Newly Added
Classrooms with LCD facilities	Newly Added
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Existing
Campus Area	Existing

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### 4.2 - Library as a Learning Resource

## 4.2.1 - Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Yea
<b>ELib</b>	<b>Fully</b>	<b>6.5</b>	

## 4.2.2 - Library Services

Library Service Type	Existing		Newly Added		
<b>Text Books</b>	<b>182534</b>	<b>49933927</b>	<b>75</b>	<b>31305</b>	<b>182609</b>
<b>e-Books</b>	<b>39809</b>	<b>5000</b>	<b>Nil</b>	<b>Nil</b>	<b>39809</b>
<b>Journals</b>	<b>28</b>	<b>22000</b>	<b>Nil</b>	<b>Nil</b>	<b>28</b>
<b>Digital Database</b>	<b>6237</b>	<b>5900</b>	<b>Nil</b>	<b>Nil</b>	<b>6237</b>
<b>CD &amp; Video</b>	<b>882</b>	<b>900</b>	<b>Nil</b>	<b>Nil</b>	<b>882</b>

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## 4.2.3 - E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CE Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives &amp; (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of lau content
<b>NIL</b>	<b>NIL</b>	<b>NIL</b>	<b>Nil</b>

**No file uploaded.**

## 4.3 - IT Infrastructure

## 4.3.1 - Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Av Bar (MBF
<b>Existing</b>	<b>148</b>	<b>3</b>	<b>11</b>	<b>5</b>	<b>0</b>	<b>8</b>	<b>38</b>	
<b>Added</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Total</b>	<b>152</b>	<b>3</b>	<b>11</b>	<b>5</b>	<b>0</b>	<b>8</b>	<b>38</b>	

## 4.3.2 - Bandwidth available of internet connection in the Institution (Leased line)

**300 MBPS/ GBPS**

## 4.3.3 - Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre facility
<b>NIL</b>	<b><a href="#">NIL</a></b>

## 4.4 - Maintenance of Campus Infrastructure

## 4.4.1 - Expenditure incurred on maintenance of physical facilities and academic support facilities component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditur maintenanc fac
<b>2227000</b>	<b>2805925</b>	<b>Nil</b>	<b>N</b>

4.4.2 - Procedures and policies for maintaining and utilizing physical, academic and support facilities like library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available on institutional Website, provide link)

1. PHYSICAL FACILITIES- I. POLICIES FOR MAINTENANCE OF CLASSROOMS- cleaning and maintenance of the classrooms is outsourced to external agency at the university, on tender bases. Corridors in the departments and its surroundings are cleaned by employees of the same agency/ agencies. Monitoring and maintenance of electrical connections and fixtures, repairs/replacements, are done by the building department of the university. There is an Annual Maintenance (AMC) for the maintenance of the colleges. For different laboratories and offices in the college this AMC arrangement is done at the university. UTILIZATION- Time table committee will be prepare the time table in such a way that there is maximum utilization of infrastructure in classrooms. 2.ACADEMIC- I. LABORATORY- Annual maintenance of the instruments is done by the Laboratory Assistants. Stabilizers are used for instruments to regulate electricity fluctuation. Regular servicing and maintenance is carried out for the instruments. Periodical calibration of the instruments is done. Service engineers from manufacturing companies are called for the repairs whenever required. Official procedures are maintained for the repair of instruments. Three quotations from different firms, and based on the comparative study, an order will be issued to the person (service engineer/ firm) who offers the most reasonable price and the best service. UTILIZATION- The student strength in each practical batch (for a laboratory session) is based on the subject content and the available infrastructure in the laboratories and the university. The main objective is to provide hands-on experience for all the students. Practical sessions are conducted in morning and afternoon sessions, for maximum utilization of laboratory resources, including computers. II. LIBRARY-Maintenance of the library and its resources is done by the staff. Annual maintenance of the books is done. Fumigation to avoid insects and fungus. Dry environment is created on the shelves through electric heaters during rainy season. Regular dust cleaning is done by using vacuum cleaners. Pest control is carried out to increase the life of valuable resources of the library. The furniture and fixtures are repaired and maintained regularly by the experts. UTILIZATION- Library is made fully automated. Computerized issue and return of books is done in order to save time. Books exhibitions are conducted in the library. Books suggested by the staff members are recommended for the purchase. Access is given to students for the reference books, so as to have the facility of referencing and exploring of new books related to the subjects. Special room facility and the computers are provided for access to e-content. Computers with braille facility are made available to students with disability. Library is kept open from 8 AM to 8 PM. Ramp facility is provided for the students with physical disability. Social platform is used to notify about the current updates of the library. III. COMPUTERS- Maintenance and repair of computers is carried out by service personnel of firm engaged by AMC agreement with the university. Regular up gradation of the software is done by the university.

<http://www.kscd.ac.in>

## CRITERION V - STUDENT SUPPORT AND PROGRESSION

### 5.1 - Student Support

#### 5.1.1 - Scholarships and Financial Support

	Name/Title of the scheme	Number of students
--	--------------------------	--------------------

Financial Support from institution	IIA,IIB,IIIA,IIIB, and SC/ST Scholarships	1224
Financial Support from Other Sources		
a) National	Local bodies and persons	13
b) International	NIL	0

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5.1.2 - Number of capability enhancement and development schemes such as Soft skill development, coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Bridge courses: i. Chemistry (Odd Sem)	25/06/2018	172	Dept. of Chemistry Science College,
Bridge courses: ii. BCA (Odd Sem)	19/07/2018	61	Dept. of BCA,
Bridge courses: iii. Physics (Odd Sem)	02/07/2018	100	Dept. of Physics
Bridge courses iv. Zoology (Odd Sem)	06/06/2018	141	Dept. of Zoology
Bridge courses: v. Mathematics (Odd Sem)	29/06/2018	108	Dept. of Mathematics
Remedial Classes: i. Biotechnology (Odd Sem)	08/10/2018	6	Dept. of Biotechnology (Chemistry)
Remedial Classes: ii. Cri. For.Sci. (Odd Sem)	26/09/2018	16	Dept. of Cri. For.Sci.
Remedial Classes: iii. Geography (Odd Sem)	18/06/2018	10	Dept. of Geography
Remedial Classes: iv. Physics (Odd Sem)	05/06/2019	134	Dept. of Physics
Mentoring : i. Geography,	18/06/2018	38	Dept. of Geography

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5.1.3 - Students benefited by guidance for competitive examinations and career counselling offered by institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam
Nil	NIL	0	0	0

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#### 5.1.4 - Institutional mechanism for transparency, timely redressal of student grievances, Preventi harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grie
0	0	0

### 5.2 - Student Progression

#### 5.2.1 - Details of campus placement during the year

On campus			Off campus	
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated
Wipro, Infosys, TCS, Cognizant, Accenture,	278	27	Nil	Nil

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#### 5.2.2 - Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name o institutio joined
2018	7	B. Sc.	Genetics	KUD, SI
2018	4	B.Sc.	Industrial Fishery	KUD Cam Karwar
2018	21	B. Sc.	Microbiology	KUD, MY
2018	7	B.Sc.	Zoology	KUD
2018	8	B.Sc.	Botany	KUD, MY SDM
2018	77	B.Sc.	Geography/Geolog, Mathematics, Physics/Chemistry/Statistics/For.Sci. Electronics	Centra Universi of Karnatak Mysore Universi Karnata Universi Dharwad Rani chennam Universi Belagav

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#### 5.2.3 - Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
NET	2
SET	7
GATE	1
Any Other	2

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#### 5.2.4 - Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
NIL	NIL	0

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### 5.3 - Student Participation and Activities

#### 5.3.1 - Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	7th Men women Senior South zone National Atyapatya Championship	National	1	Nil	16S10027	Mr. Anil
2018	29th Senior National Sepaktakraw Championship	National	1	Nil	17S10117	Mr. Kiran G.
2018	University Blue	National	6	Nil	18S10153, 18S10268, 18S10197, 17S10326, 18S10384	1. Miss Kattishetti (Gymnastic) 2. Miss. Krupa Radhika 4. Miss. Meera 5. Miss. Sushma Miss. Suvarna
2018	Karnatak University Inter Collegiate First Zone Cricket Tournament	National	1	Nil	16S10333	Mr. Suresh
2018	Karnatak University, Inter-	National	Nil	5	17S10013, 16S10018, 16S10253,	1. Akshay Han Kurabagonds



	Collegiate Youth Festival				17S10161, 16S10113	Kadlur 4.Megh 5.Koushi
2018	Inter University Youth Festival, Held at New Delhi	National	Nil	1	17S10286	1.Shraddha

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5.3.2 - Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Gymkhana - College has a gymkhana to promote the sports activities of 9 departments (excluding miscellany and reading room. Based on merit and expertise in specific sports, students secretaries are selected in each department. Secretaries will assist the Physical Instructor for selection of a team for sports/cultural events at the national/international/university level. Anti ragging cell -College has an active anti ragging cell which coordinates with student representatives. Senior students will coordinate with the members of the committee in maintaining a healthy environment in the college. Alumni, Parents meets and Placements - Student representatives are involved in coordinating events like alumni meet, parents meet, placement fairs, internships and projects in the college. IQAC - IQAC committee consists of student's representatives, and they help the committee, whenever required. Miscellany and Study Circles -There is a separate student representative body for the college magazine committee and for each of the departmental student groups. They help in collecting the articles (manuscripts) from the students and present them to the chairman in the selection of articles, for publication. Student secretaries coordinate the events in the department. Clean and Green Campus - Small students groups are created and assigned projects which will lead to the creation of clean and green environment in the campus and to make the campus plastic free.

#### 5.4 - Alumni Engagement

5.4.1 - Whether the institution has registered Alumni Association?

Yes

The college has a registered alumni association, namely, Karnatak State Alumni Association, Dharwad (KSCAAD), established on 13th February, 2008 (Registration No. DRZ/SY/313/2008-09). The main objectives of the association are as follows: Suggestions are invited from the alumni for the up gradation of college infrastructure, industry oriented syllabus, student friendly campus and campus beautification. These suggestions are followed up by the college authorities, for implementation of the same after necessary discussion, wherever possible.

5.4.2 - No. of enrolled Alumni:

228

5.4.3 - Alumni contribution during the year (in Rupees) :

54407

5.4.4 - Meetings/activities organized by Alumni Association :

NIL

**CRITERION VI - GOVERNANCE, LEADERSHIP AND MANAGEMENT****6.1 - Institutional Vision and Leadership**

6.1.1 - Mention two practices of decentralization and participative management during the last year (with 500 words)

**Administrative Functioning (Participative Management):** Since our college is a constituent college of Karnatak University, Dharwad, which is governed by the Hon'ble Governor, the Vice-Chancellor Registrar, Registrar Evaluation Officer, Syndicate Members, Principal and IQAC coordinator are responsible for the academic and administrative leadership of the college. The apex decision making body at the college level is the Governing Body. The organizational structure of Constituent College. Periodical meetings are conducted twice a year, under the chairmanship of the Vice Chancellor. The Principal meets at least twice in a month, with Heads of different departments of the college, in order to discuss important academic and administrative matters. The IQAC meets periodically to discuss points related to the quality assurance plans. Various committees such as, Internal Quality Assurance Cell, Grievance Committee, Anti Ragging Cell, Committee for Prevention of Sexual Harassment, Grievance Committee, Gymkhana Managing Committee, Student Counselor, Prospectus Committee and Time Table Committee have been formed in the college to help in monitoring and facilitating administrative functions, and to ensure the administration open and transparent. **Academic Functioning (Culture of Responsibility):** Each and every teaching staff members of the college are given academic responsibility. The Principal empowers all the head of departments (HODs), by delegating to them the leadership to monitor academic responsibilities of faculty members in the concerned department, a concrete step towards a decentralized governing system. In turn, the HODs assigns all the staff members the responsibility of conducting the Internal examinations (both Theory and Practicals), in addition to the in charge-ship of different laboratories in their department. Each department is given the freedom to prepare its academic schedule of activities at a micro-level. Time table preparation, delegation of assigning of projects, conduct of workshops, planning and execution of organization) of training programmes, special lectures, study circle, conduct of internal examination and evaluation. The staff is entrusted with responsibility for different tasks such as preparation of prospectus (both for college and Hostel), student's uniform, examinations, collection and verification form collection for scholarships, Rail/bus concessions, handling the university/government correspondence. The IQAC includes faculty members along with members from the society for the policy / plan for its implementation. Faculty members from IQAC play an active role in the management of academic activities of the college. Students actively participate in various curricular, co-curricular and extracurricular activities.

6.1.2 - Does the institution have a Management Information System (MIS)?

Yes

**6.2 - Strategy Development and Deployment**

6.2.1 - Quality improvement strategies adopted by the institution for each of the following (with details for each):

Strategy Type	Details
Curriculum Development	Strategy: Implementation of learning outcome based frame work of Undergraduate and Post graduate courses

	<p>college follows the regulations and syllabus/ s examinations as directed by the Board of Studies ( Karnatak University, Dharwad. The teachers of the involved in the eExisting curriculum development workshops for ensuring continuous evaluation of s making it industry oriented. The college follows c for PG courses, wherein there is a flexibility to de academic activities and choice based extra credit, courses.</p>
<p><b>Teaching and Learning</b></p>	<p>Strategy: The college management ensures a proper learning environment by way of deputing the staff Faculty Development Programmes (FDP) to different and research institutions, in order to give an oppo the teachers to enhance their knowledge as well as skills. Provision for ICT teaching is done in many and laboratories. Regular feedback on the teaching process is obtained from the students. An external employed to analyse the feedback obtained from the other stake-holders. The analyzed reports are shar teaching staff of the college from time to time, wh monitoring the teaching learning process and also understanding the learner's needs and attitude/ p</p>
<p><b>Examination and Evaluation</b></p>	<p>Strategy: Theory and practical internal examinat conducted as per the calendar of events of the coll to maintain transparency, the marks obtained by st displayed on the notice board of the concerned de Students are allowed to see their answer papers, an any discrepancy rectification of the same will be c conducting the semester-end examinations, a meeting staff members will be convened by the Principal Superintendent (internal) of the examination, to di the smooth conduct of the examination. Question pap the university are received and seating arrangement in the college .Soon after the evaluation, the uni declare the results online for quicker and faster accessibility and support.</p>
<p><b>Research and Development</b></p>	<p>Strategy: In the college, there is a research comm monitors the routine affairs of research by the fact including research funding (proposals). Research submitted by the staff members are scrutinized by t committee and then, after necessary modification suggestions of the members of the committee, they a to the College Development Council of the Universit provision has been made by the University for the s to participate and present their research findings and International conferences and workshop</p>
<p><b>Library, ICT and Physical Infrastructure / Instrumentation</b></p>	<p>Library is a growing organism. Consistent improver facilities of College library as well as the de libraries has taken place. A separate budget is p upgrade the library , in order to meet the growing requirements of students and faculty members. In enhance the teaching learning process, ICT facilit extended to each department. Laboratory instrum</p>

	regularly serviced and calibrated to standards. New have been added to cater to the revised syllabus. ( provides facilities and space to conduct competitive National level/ State Level screening examinations: SLET and JRF examinations.
Human Resource Management	To upgrade and enhance the standard of academic er permanent teaching faculties are deputed with dut participate in orientation/refresher courses and training programmes. Research scholars and teacher deputed to take part in international /nati conferences/seminars/workshops. Rotation of lab assistants between the departments (internal trans place routinely, in order to enable them to impr skills, and develop new abilities so that they be useful to the Institution in the long run
Industry Interaction / Collaboration	The college arranges interaction of students with experts, so that they gain industry knowledge. The organizes hands-on training sessions for students, skill sets. The college has organized placement dri that, workshops / interactions are planned and org students and teachers to enhance their employabili especially among students. Alumni who are well pla society provide free guidance to the students, in o them develop industry oriented skills.
Admission of Students	College has admission committees for different cl committee will prepare the calendar of events for which is publicized online and in local newspapers process is done under one roof. Applications from th are invited online they are carefully scrutinized b committee members, and the eligible candidates are merit cum roster basis.

### 6.2.2 - Implementation of e-governance in areas of operations:

E-governance area	Details
Student Admission and Support	The institution provides a constant support and assist student community, wherein online tools are used t officers and faculty in touch with the students, i inform them about the various events/ circulars/ no time to time. Teaching faculty members have cr Google/WhatsApp groups (of students) to post updat provide new links and resources related to academic well as necessaryand/ urgent official documents/
Examination	The college conducts internal and Semester end exa smoothly. Notices related to the examinations are updated on priority bases. Thus the Chief Examiner the committee in college ensures transparency and qu of conducting exams. Besides that marks of the interr semester end exams are also sent to the Universit
Planning and Development	The development of physical infrastructure in the col through e-tendering by the university, following e regulations in this regard. Submission of projects u schemes is also done online.

<b>Administration</b>	The college makes continuous efforts to go paperless administrative and official works.
<b>Finance and Accounts</b>	Well-equipped computerized method is followed in or track and record of all the finances of the college software is used to scan documents.

### 6.3 - Faculty Empowerment Strategies

6.3.1 - Teachers provided with financial support to attend conferences / workshops and towards membership of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body which membership is provided
2018	Dr. (Smt.) Jayalakshi. .K	Conference of magnetic Resonance in Medical and 25th National magnetic Resonance Society Meet	Academy, New D
2018	Dr. G.H.Malimath	National Symposium on Radiation and Photochemistry February7-9,2019 held at Shantiniketana, West Bengal	BARC, Mumba

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6.3.2 - Number of professional development / administrative training programmes organized by teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	
Nil	NIL	NIL	Nil	Nil	0	

No file uploaded.

6.3.3 - No. of teachers attending professional development programmes, viz., Orientation Programme, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To
UGC Sponsor Short Term Course in Research Methodology	1	22/10/2018	28/10/2018
Grade Certificate- Teacher Training Programme	1	22/11/2018	12/12/2018
National workshop on computer Interfaced Science Experiments	1	06/05/2019	10/05/2019
Refresher course in Zoology at Goa University, Goa	1	28/09/2018	18/10/2018
Material Preparation and Measurement of properties (Refresher Course)	1	05/03/2019	20/03/2019
Science , Society and Indigenous Research (Refresher Course)	1	11/03/2019	31/03/2019



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#### 6.3.4 - Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	
41	86	14	

#### 6.3.5 - Welfare schemes for

Teaching	Non-teaching	Student
Karnatak University Employees Credit Cooperative Society, KUD	Karnatak University Employees Credit Cooperative Society, KUD	1. Scholarships b and Alumni 2. Sch teachers per

### 6.4 - Financial Management and Resource Mobilization

#### 6.4.1 - Institution conducts internal and external financial audits regularly (with in 100 words each)

College maintains the finance and account systematically and regular. college is a constituent college of the University, Government audit followed, which performs timely checks on the expenditure made through funds as well as the finance department of Karnatak University, Dharwad. Government auditors visit the college annually and audit the expenditure under each budget head of the college office and internal departments. The proper utilization of funds allotted for the research and different funding agencies are also checked by auditors or Chartered Accountants. After the submission of the audit report by the auditors, objections are immediately addressed during the reconciliation by the audit Accountant General, Government of Karnataka.

#### 6.4.2 - Funds / Grants received from management, non-government bodies, individuals, philanthropists (not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grants received in Rs.	Purpose
Karnatak University, Dharwad	1628000	Maintenance of all the departments, purchase of equipments/chemicals/consumables/teaching materials. Maintenance of departmental gardens and

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#### 6.4.3 - Total corpus fund generated

000

### 6.5 - Internal Quality Assurance System

#### 6.5.1 - Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	
Academic	No	NIL	Nil	
Administrative	No	NIL	Nil	

## 6.5.2 - Activities and support from the Parent - Teacher Association (at least three)

NIL

## 6.5.3 - Development programmes for support staff (at least three)

NIL

## 6.5.4 - Post Accreditation initiative(s) (mention at least three)

NIL

## 6.5.5 - Internal Quality Assurance System Details

a) Submission of Data for AISHE portal

b) Participation in NIRF

c) ISO certification

d) NBA or any other quality audit

## 6.5.6 - Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	
Nil	NIL	Nil	Nil	Nil	

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**CRITERION VII - INSTITUTIONAL VALUES AND BEST PRACTICES**

## 7.1 - Institutional Values and Social Responsibilities

## 7.1.1 - Gender Equity (Number of gender equity promotion programmes organized by the institution in the year)

Title of the programme	Period from	Period To	Number of Participants Female
NIL	Nil	Nil	0

## 7.1.2 - Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

**Percentage of power requirement of the University met by the renewable energy sources**

College has 26 number of solar power generation units in the campus, locations - (Basavavana - 06, BCA department - 04, Library - 08, department - 04 and college main gate - 04).

## 7.1.3 - Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number
Physical facilities	Yes	
Provision for lift	No	
Ramp/Rails	Yes	
Braille Software/facilities	Yes	
Rest Rooms	Yes	
Scribes for examination	No	
Special skill development for differently abled students	No	
Any other similar facility	No	



## 7.1.4 - Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed
2019	1	1	19/03/2019	1	Jeeva Jala Samrakshane NSS Hone	Role of Individual in conserving water
2019	1	1	06/03/2019	1	Plantation Drive	Importance of plantation
2019	1	1	08/03/2019	1	Swatch Bharat Abhiyan	Role of plantation in reducing carbon footprints
2019	1	1	02/01/2019	1	MoU	Capacity building
2018	1	1	05/06/2018	1	Academic Engagement	Nano particle and their utilization in Modern Science
2018	1	1	04/03/2018	1	Road safety awareness programme	Awareness on Road Accidents
2018	1	1	10/10/2018	1	Programme on Judiciary	Role of Judiciary in Criminal Justice System
2018	1	1	03/08/2018	1	Workshop on Legal Awareness	Women Entrepreneurship and Legal Awareness
2018	1	1	15/07/2018	3	Field project for UG/PG students	Skill Development
2019	1	1	03/03/2019	1	Jeeva Jala Samrakshane NSS Hone	Importance of water and Rain water harvesting methods

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## 7.1.5 - Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)

Teachers Dairy/Prospectus	12/06/2018	<p>The main motto of the institution is to modern youth as responsible citizens by human values along with scientific insights. Various efforts have been made. The institution follows the code of conduct of Karnataka Dharwad. Rules for code of conduct for both teachers and students are mentioned in the teacher's code as well as in the prospectus. Teacher's code is maintained by the individual teachers and is signed by HOD and Principal at the end of each semester. The code of conduct for the students is printed in the college prospectus and made available to the students at the time of admission.</p>
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#### 7.1.6 - Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number
College Founder's day	09/08/2018	09/08/2018	
Sir. Siddappa Kambli birth Anniversary	11/09/2018	11/09/2018	
Mahatma Gandhi Jayanti	02/10/2018	02/10/2018	
Kanaka Jayanti	21/11/2018	21/11/2018	
College centenary celebration	25/11/2018	25/11/2018	
Swami Vivekananda Jayanti	12/01/2019	12/01/2019	
Dr. B. R. Ambedkar Jayanti	14/04/2019	14/04/2019	
Maharishi Valmiki Jayanti	24/10/2018	24/10/2018	
Basava Jayanthi	14/05/2018	14/05/2018	
Gurunanak Jayanthi	19/11/2018	19/11/2018	

[View File](#)

#### 7.1.7 - Initiatives taken by the institution to make the campus eco-friendly (at least five)

**Harnessed solar energy:** To meet out the electrical power requirements of the college campus 26 number of solar lamps have been installed in the open areas, especially near the Library, Health center, Play grounds and along the sides of the roads within the campus. Plantation Drive: The college campus is greenery, with many important and rare plants. The campus vegetation is maintained by the gardeners (workers) who are appointed by the university as well as by the students. To enrich the garden, a regular special drive for plantation and samplings is organized. Every year, students are encouraged to plant trees and they take up the responsibility of maintaining these plants till their graduation. The department of Botany is maintaining a separate Botanical Garden which consists of a good number of rare plants. Maintenance of Medicinal plot: The college maintains a medicinal plant garden in the department of Botany. It consists of a good number of medicinal plants, which can cure various diseases. All the plants have been named and their medicinal properties are mentioned. The medicinal garden is open to the public, and visitors from nearby schools and college students frequently visit the garden. Conservation of Rain Water: Rain water harvesting facility is made in all the departments. The harvested water is made to sink in the tanks built for the same purpose. Generation of organic manure: Organic composting is practiced in the college. Students are advised to put all biological waste and the remains of

the pits made for organic manuring. Food waste from the canteen is a these pits, and students are trained to prepare the organic compost. Compost is used in the Botanical garden. Principles of 3 Rs - Reduce, Reuse, Recycle: One time usable plastic is banned in the campus. Mineral water are discouraged and the reusable plastic or metallic water bottles are encouraged. The College practices the minimum use of papers, reuse and recycling of papers. E-Waste: As per the directions of the Karnataka Government, Dharwad, E-waste is collected from both teachers and students with notification and is deposited at a particular place later, the university appoints a person to collect this e-waste, which is sent for recycling. Plastic on campus: Students are strictly discouraged from using plastic bags anywhere on the campus. However, dustbins are installed at various corners of the campus. Students are advised to dump the plastic waste only in the dustbins.

## 7.2 - Best Practices

### 7.2.1 - Describe at least two institutional best practices

**Title of the Practice:** Involving students in social well-fare activities. **1) Best out of waste -** 1) Distribution of notebooks to the poor and underprivileged students in Govt. Schools located in slum areas of Dharwad. Unused pages from the internal test and home assignments booklets were collected by the students and notebooks are prepared by the students using the available resources. Such prepared notebooks were distributed to the poor and underprivileged students of Govt. schools in slum areas of Dharwad. such notebooks are distributed during 2018-19. **Evidence of Success:** The practice encouraged other students to involve in such social activities. The students were very happy with the same. **2) Preparation of quilt from old cloth:** Students were encouraged to bring the unused/used clothes from their residence. They were cut in to different shapes and sizes, and sieved and sewed by the students. In fact, 50 quilts were prepared by the students and distributed to the Sneha Orphan Centre, Hubli. in the presence of the Principal. This charitable act by the students of the college has been appreciated by the public. • **Social Responsibility-** College teachers, particularly from the Geology department, have been invited by the farmers of nearby villages to provide water resource points in their fields. Teachers of Geology department provide such social responsibilities free of cost, using the resources available at the college.

Upload details of two best practices successfully implemented by the institution as per NAAAC guidelines on institution website, provide the link

<http://www.kscd.ac.in>

## 7.3 - Institutional Distinctiveness

7.3.1 - Provide the details of the performance of the institution in one area distinctive to its vision and thrust in not more than 500 words

**Vision of the Institution:** Just, Equitable, Tranquil, Harmonious Society with Scientific Temperament. **Mission:** • To enhance ability of students to make them special and thereby creating experiences so surprising and memorable. • Providing a variety of options for delivering dazzling education to our students. • To offer invigorating experiences in learning to build confidence and creates a sustainable, yet positive defining model to inspire students to believe in oneself, and do what they say they will do. • Students network with people who have common needs and an interest in something extra. • Provide infrastructure to identify and generate to a resource pool, which will be beneficial to our society at large. • To

students into sharp thinkers, writers, speakers and leaders in the p: their choice. • To install scientific temperament in the younger gene educational institution is one of the premier and pioneer institut: North Karnataka region, providing education and other services at ve (fees) to students from diverse backgrounds, with different orient capability. We have a demographic diversity as majority of the stu hailing from different rural and socio-economic backgrounds, in part villages and towns in the entire North Karnataka region and neighbor: general. Karnatak Science college has 'state of the art' instrum facilities in the laboratories, which are accessible to all students: 'uniqueness', we are inculcating the value of 'togetherness' amon members of the institution by giving space to each and every stake participate, explore, enhance and attain their full potential, thus making society a more equitable space. To achieve the vision of the every member is actively participating to the best of their individu: different student friendly activities. • Counselling cell of the in: active. • Mentoring system is practicing for all the diverse studen Convenient and friendly cultural platform is provided for celebrati uniqueness. • Gymkhana with facilities for indoor games and gymnasium to all the student groups fulfilling their sport's needs. • Studen teaching is done by making the class rooms more vibrant and student: This is done by promoting and encouraging dialogue and participatio students. • Special support for the differently abled students exist and online feedback system allows the students to give their individ freely about syllabus, teaching techniques and class room environmen to improve the teaching/learning experiences. • Inclusive Classro activities, small projects, Group Discussion and exploring new m classroom teaching). • Remedial classes. • Advance learner classes: course • Value added education through National Yoga Day, Human R Awareness Campaigns and Community engagements. • Skill Development F the students. • Strong Parent and Alumni Association.

Provide the weblink of the institution

<http://www.kscd.ac.in>

## 8.Future Plans of Actions for Next Academic Year

- Induction programme for the first year students and Parents meeting first year students.
- Identification of Advance/slow learners in dif classes and conducting remedial/bridge classes for such students.
- D mMechanism of efficient and computerized Office and administrative pr Establishment of MOU in all the departments with different profession bodies, NGO's and Govt. Organizations.
- Implementation of CBCS (Choi Credit System).
- Conducting placement campaigns for job seekers/skil students after graduation.
- Developing soft skill development progra association with industries, in order to meet their requirements
- Pu research work in SCOPUS listed journals remain as a gray area. To pro research, all such essential efforts will be undertaken.