Yearly Status Report - 2019-2020

Part A	
Data of the Institution	
1. Name of the Institution	**KARNATAK SCIENCE COLLEGE**
Name of the head of the Institution	**Dr.(Smt) A S Bellad**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**0836-2215410**
Mobile no.	**8296762441**
Registered Email	**kcdnaac@gmail.com**
Alternate Email	**principal.kscd@gmail.com**
Address	**College Road, Near All India Radio, Dharwad**
City/Town	**Dharwad**
State/UT	**Karnataka**
Pincode	**580001**
2. Institutional Status	
Affiliated / Constituent	**Constituent**
Type of Institution	**Co-education**
Location	**Urban**
Financial Status	**state**

Name of the IQAC co-ordinator/Director	Dr. L T Nayak
Phone no/Alternate Phone no.	08362215400
Mobile no.	9448746967
Registered Email	kcdiqacvision2324@gmail.com
Alternate Email	principal.kscd@gmail.com

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://www.kscd.ac.in/IQAC2021/iqac201819.zip

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/iqac1920/2019-20_AQAR_docs.zip

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accreditation	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
One-Day Workshop on	01-Feb-2020 1	40
Communication and Interview Skills	29-Feb-2020 2	96
Research Facility Training Programme (RFTP) For Research Scholars	21-Nov-2019 1	15

Ten days workshop on Phython programming	12-Mar-2019 10	32
Celebrated International Year of Periodic Table: 2019	29-Aug-2019 1	158

L::asset('/'),'public/').'/public/index.php/admin/get_file?file_path='.encrypt('Postacc/Special_Status/'.$instdata->upload_special_status)}}

View Uploaded File

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	2020 1460	4192144
Geology	SERB	SERB, New Delhi	2018 1095	2310000

View Uploaded File

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 :	3
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	**View Uploaded File**
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)

1. Research Facility Training Programme (RFTP) For Research Scholars. .
2. Encouragement of the faculty for Promotion of Interdisciplinary Research
3. Faculty encouraged to move MoU with industry/Institutions.
4.Encouraging students to increase greenery in the campus and make it plastic free.
View Uploaded File

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	Achivements/Outcomes
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.
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.
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.
ICT based communication system in conduct of examinations	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.
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.

View Uploaded File

14. Whether AQAR was placed before statutory body ?	Yes

Name of Statutory Body	Meeting Date
Governing Council/HOD meeting	14-Sep-2021

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	2020
Date of Submission	18-Mar-2020
17. Does the Institution have Management Information System ?	Yes

If yes, give a brief descripiton 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 VARNASAPTAKA) 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 Documentsare 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:

IQAC forms a committee to prepare the semester-wise calendar of even
 time table for all the U.G. and P.G. programmes conducted in variou
 college, as per university norms. The calendar of events and time ta
 the college notice board and they are uploaded in the official webs

IQAC also monitors the strict implementation of the academic prog
calendar of events and the time table. The college has self-designe
based and value added courses, emphasizing on student employability,
and knowledge, as well as entrepreneurship development. Before the er
day for each semester, the teachers are informed about their workloa
semester. This process enables the teachers to prepare a teaching p
the next academic assignment. IQAC provides all the teachers with a
to record their lecture plans and work execution details. This will
acknowledged by the higher authority. Teachers refer standard text
books prescribed by the university, along with the latest informatio
various standard websites; they also explore other resources which
effective implementation of the curriculum. In addition to tradition
various other teaching methods like the conduct of quiz programmes
demonstrations, debates, power point presentations, allied projects
add-on practical's, assignments, videos, use of charts and graphs a
used for effective implementation of the curriculum. Based on se
analysis, corrective measures are suggested by IQAC to conduct bridg
classes to strengthen the academic standards of the students and to
Academic review and feedback from students/parents/stakeholders/empl
periodically on different aspects. Feedback analysis will be done b
and the results will be submitted to the higher authority. Concer
conduct regular meetings. The short comings in teaching and other
indicated in the feedback report will be intimated to the conce
suggestions for improvisation will be provided by the higher author
teacher.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employability/entrepr
No	NIL	Nil	0	NIL

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	[
Nill	NIL	

No file uploaded.

1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system impleme (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of (
MSc	Physics	Ni
MSc	Chemistry	Ni
MSc	Mathematics	Ni

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

	Certificate	
Number of Students	0	

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 o

Nil	Nill	

No file uploaded.

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for F
MSc	Physics	22
MSc	Chemistry	18
MSc	Mathematics	49
BSc	Geography	27
BSc	Zoology	166
BCA	Computer Applications	41
BSc	Computer Science	40

View Uploaded File

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 words)

Feedback Obtained

Online feedback mechanism is structured looking at the Covid-19 pande academic year 2019-20. This mechanism is executed by preparing Google different categories Viz., students, parents, alumni, teachers and er feedback is based on four criterions: curriculum, infrastructure, tea process and overall functioning of the college. All the four criteri curriculum, learning environment and evaluation, canteen facility, he gymkhana, functioning of anti-ragging cell, Counselling centre, bank etc. Feedback on Teachers (Teaching and Learning Process):This feedba learning process, punctuality, communication skills, approach towards sharing of innovative ideas etc. IQAC emphasized on teachers innovat: teaching methodology, interactive teaching, and student involvement members have collected individual teacher's feedback and have been ar report is submitted to the head of the institution, for further cours (corrective measures/ suggestions to the concerned teacher, for impro feedback: Parents feedback is collected based on overall development about learning environment, infrastructure facilities available in tl friendliness and imparting value based education. Alumni feedback: Tl of the college is a registered body. Feedback is collected from the r of college in the development of students personality and employabil: excellence and also how the institution has helped them to acquire l: feedback: The members of IQAC have also collected feedback from poter current curriculum. This feedback includes the responses by employer:

experts, especially their views on the academic curriculum. Placemen
cognizance of 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 Ap receive
BSc	General	365	1680
BCA	Computer Applications	60	132
BSc	Computer Science	50	88
MSc	Physics	35	690
MSc	Chemistry	40	701
MSc	Mathematics	35	810

View Uploaded File

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 ful teachers availab institution teach PG course
2019	1655	114	116	11

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management System
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 classr
127	127	15	15	

View File of ICT Tools and resources

No file uploaded.

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

Student across India takes admission in this institution. The ethos of the institution is towards be
its students. Hence, the college maintains the mentoring system as per the UGC guidelines. The
earnest in the academic year 2019-20. In the early months of the academic year, there were a
decide the course of action. For UG/ PG courses in the respective department, HOD's are assig
students to the respective teacher in their departments. A group of 15 to 20 students are assigne
of the respective department. • Every practical subject has a practical in-charge, who moni
equipment, preparatory material (charts/ manuals) as well as difficulties faced by students du
association with the laboratory experts). • A mentor will guide the B.C.A/B.Sc. (CS) students, re
first year students, the mentor provides information regarding the facilities available in the
conducted by the college, examination pattern, and health and stress management in addition t

the induction programmes. • Second and third years students, the mentor provides informatio
during their curriculum, and carrier opportunities related to those subjects. • For girl students,
hostel warden, there will be a lady staff member from AKKA association of the college who wil
problems of the girl students. Mentors will monitor and keep the record of the students progr
placements etc. Slow learners are identified by the mentors after the evaluation of first interna
listed for conducting remedial classes.

Number of students enrolled in the institution	Number of fulltime teachers
1769	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 cu year
81	43	38	86

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships a
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, Government o
2020	Dr. S M Tuwar	Associate Professor	Best Teacher Awar Ratna:2019-20", N Colle
2019	Dr. Rajappa S. K.	Associate Professor	Young Scienti presentation, Si Man

View Uploaded File

2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaratior

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of semester-e
MSc	MSCMAT	Semester	17/10/2020	
MSc	MSCPHY	Semester	17/10/2020	
MSc	MSCCHE	Semester	17/10/2020	
BSc	General	Semester	30/09/2020	
BSc	B.ScCS	Semester	30/09/2020	
BCA	B.C.A	Semester	30/09/2020	

View Uploaded File

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

a) Examination Process and Reforms: Institution has adopted Karn
examination rules. Two internal theory and one practical examination
conducted by the concerned teacher by adopting centralized Continues
system (CIE) to maintain the academic standard of the students. The
made available to the respective student and also it is uploaded

University website. Grievances of the students if any are invited and
   stipulated time without hampering the academic calendar of events
  report, after the first internal examination, slow learners are ide
    performance and remedial classes are conducted for such students.
  semester end examinations (Both theory and practical) is notified
    Principal appoints a teacher as Chief Superintendent for the smoot
 examinations. Orientation to the supervisors is given before the exa
  appoints a sitting and a flying squad to look after the examination
  semester end practical examinations, university will appoint an exte
   principal appoints an internal examiner. After the assessment, prac
    uploaded to the university examination portal. b) Evaluation Proce
  coding: Every answer paper is given a barcode. Students register num
   of the barcode is physically removed before the evaluation and the
  coded answer papers are assessed and decoded. University will notify
  evaluation and the same is published in the website. Photocopy: Stud
  get the photocopy of their answer scripts to check the accuracy of va
    Soon after the announcement of results, students are given an oppor
  revaluation within the specified date. Third Valuation: There is a pr
  valuation. If difference in the marks between the first and the reva
   21 the same answer paper is considered for third valuation. MCQ sy
    subjects like Environmental Studies, Human Rights, Indian Constitu
                    Choice Questions system is followed.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related m

A centralized calendar of events is prepared by a committee before th
each academic year and the same is uploaded in the college website a
notice boards of all the department. It consists of important dates
and teachers for the academic and extracurricular activities to be c
the year. Based on the calendar of events, a sub-committee prepares
for the internal theory and practical examinations and finally distr
teachers and students. Teachers' academic workload, lesson plan etc.
on the calendar of events. In addition to the existing academic assig
is allotted with extracurricular activities like gymkhana, youth fes
association, celebration of national festivals and will be conducted,
calendar of events. Every event is strictly monitored by a committee
Principal and Vice President of gymkhana. At the end of each academic
overviews the implementation of the events mentioned in the calendar
the students and the stack holders is obtained and analyzed. The col
culture of instilling inquisitiveness and scientific temper among the
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
stated and displayed in website of the institution (to provide the weblink)

http://www.kscd.ac.in/iqac1920/2019-20_AQAR_docs.z

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of s in final yea
MScMat	MSc	Mathematics	49	
MScChem	MSc	Chemistry	38	
MScPhy	MSc	Physics	40	
BSc	BSc	General	334	2

BScCS	BSc	Computer Science	46	
BCA	BCA	Computer Application	51	

View Uploaded File

2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may des and details be provided as weblink)

http://www.kscd.ac.in/iqac1920/2019-20_AQAR_docs.

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 organis

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amou
Major Projects	1095	SERB, New Delhi	4192144	
Major Projects	1460	SERB, New Delhi	2310000	

View Uploaded File

3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academ the year

Title of workshop/seminar	Name
Two Days workshop on Communication and Interview Skills	BCA

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

Title of the innovation	Name of Awardee	Awarding Agency	Date o awar
Young Scientist Award for Oral presentation.	Arjun G Kalkhambkar	Srinivasa University, Mangalore	19/10/2
Young Scientist Award for Oral presentation.	Mr. Rathod	Srinivasa University, Mangalore	19/10/2

View Uploaded File

3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up
NIL	NIL	NIL	NIL	NIL

No file uploaded.

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	Intern

000	000	0

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

Name of the Department	Numbe
Chemistry	
Criminology and Forensic Sciences	
Botany	
physics	

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

Type	Department	Number of Publication	Average
National	Botany	5	
International	Botany	1	
International	Chemistry	22	
National	Geology	2	
International	Geography	1	
International	Physics	15	
National	Zoology	2	
International	BCA	1	

View Uploaded File

3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/Internati per Teacher during the year

Department	Number of Publicatio
NIL	0

No file uploaded.

3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Cita Ind
Synthesis, characterization and photophysical studies on novel benzofuran-3-acetic acid hydrazide derivatives by solvatochromic and computational methods	Dr. G. H. Malimath	Journal of Molecular Structure	2019	
Study of polycarbonate-bismuth nitrate composite for shielding against gamma radiation	Dr. Blaise Lobo	Journal of Radioanalytical and Nuclear Chemistry	2020	1

Dielectric relaxation in a cadmium chloride-doped polymeric blend	Dr. Blaise Lobo	Bulletin of Materials Science	2019	1
Physico-chemical and functional properties of rutin induced chitosan/poly (vinyl alcohol) bioactive films for food packaging applications	Dr.(Smt). Saraswati P. Masti	Green Materials	2019	1
Physico-chemical and functional properties of rutin induced chitosan/poly (vinyl alcohol) bioactive films for food packaging applications	Dr.(Smt). Saraswati P. Masti	Food Hydrocolloids	2020	1
Ethyl vanillin incorporated chitosan/poly (vinyl alcohol) active films for food packaging applications	Dr.(Smt). Saraswati P. Masti	Carbohydrate polymers	2020	1
Facile access to libraries of diversely substituted 2-aryl-benzoxazoles/benzothiazoles from readily accessible aldimines via cyclization/cross coupling in imidazolium-ils with …	Dr. Raj Kalkambkar	Tetrahedron Letters	2019	1
1-Aryltriazenes in the Suzuki, Heck, and Sonogashira Reactions in Imidazolium-ILs, with [BMIM (SO3H)][OTf] or Sc (OTf) 3 as Promoter, and Pd (OAc) 2 or NiCl2· glyme as Catalyst	Dr. Raj Kalkambkar	European Journal of Organic Chemistry	2019	1
Effect of amino anilines on the fluorescence of coumarin derivative	Dr. (Smt). Nirupama J. M.	Journal of Luminescence	2019	
Positron annihilation studies of free volume changes accompanying the incorporation of lead nitrate in PVA- PVP polymeric blend	Dr. Blaise Lobo	Radiation Physics and Chemistry	2019	1

View Uploaded File

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

Synthesis, Molecular Modelling Studies and antimicrobial activity of Coumarin and 1-Azacoumarin linked 1,2,3-Triazole	R G Kalkhambkar	Chemical Data Collections	2020	12
Electronic excitation energy transfer studies in binary mixtures of novel optoelectronically active 1,3,4-oxadiazoles and coumarin derivatives	G.H,Malimath	Chemical Physics Letters	2020	235
Design, synthesis, antibiofilm, quorum sensing inhibition, anticancer and docking studies of novel 2-(4-acridine-9-ylamino) isoindoline-1, 3-dione	Kariyappa Katagi	Chemical Data Collection	2019	12
Influence of Boswillic acid on Physical, Structural and Morphological Properties of poly (Vinyl Alcohol) films for active food packaging	Saraswati Masti	Chemical Data Collection	2020	12
Taxonomic identity, occurrence of six species of Salacia and first report on chromosome numbers of the Salacia chinensis L. and Salacia oblonga Wall ex Wight and Ern Var. from Western Ghats of Karnataka (India)…	C G Patil	Genet Resour Crop Evol	2019	66
Facile Access to Libraries of Diversely Substituted 2-Aryl-Benzoxazoles/Benzothiazoles from Readily Accessible Aldimines via Cyclization/Cross Coupling in Imidazolium-ILs with Pd(OAc)2 or NiCl2 (dppp) as Catalyst	R G Kalkhambkar	Tetrahedron Letters	2019	168
Effects of stereo electronic factors of coumarin derivative during during their interaction with TiO2 Nanoparticles	J.M. Nirupama	journal of molecular liquids	2019	111
Study of polycarbonate-bismuth nitrate composite for shielding against gamma radiation	Blaise Lobo	Journal of Radioanalytical and and Nuclear Chemistry	2020	67

| Design, synthesis, molecular docking, anti-proliferative and anti-TB studies of 2H-chromen-8-azaspiro[4.5]decane-7,9-dione conjugates | K S Katagi | Journal of Molecular Structure | 2020 | 103 |
| Studies on the effect of temperature on dielectric relaxation , activatio0n energy, , enthalpy,entropy, and molecular interactions of some , phenol, and their binary mixtures using x-band microwave bench | G.H,Malimath | Journal of Chemical Thermodynamics | 2020 | 88 |

View Uploaded File

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

Number of Faculty	International	Nat
Attended/Seminars/Workshops	2	
Presented papers	5	

View Uploaded File

3.4 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teacher participated in suc activities
EBSB – II	NCC 1/24 COY KSCD	1
IGC/RDC, ARMY ATTACHMENT CAMP	NCC 1/24 COY KSCD	1
Roadside plastic collection	NSS Unit, Karnatak Science College, Dharwad	3
Plantation	NSS Unit, Karnatak Science College, Dharwad	6
7 days awareness programme on Solid waste management and plastic free campus	NSS Unit, Karnatak Science College, Dharwad	45

View File

3.4.2 – Awards and recognition received for extension activities from Government and other reco

Name of the activity	Award/Recognition	Awarding Bodies	Numbe
NIL	NIL	NIL	

No file uploaded.

3.4.3 – Students participating in extension activities with Government Organisations, Non-Govern 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 te participated i activites
Swach Bharat Abhiyan	Botany Dept. Study Circle	Campus cleaning	5
Swachh Bharat Abhinaya at Dasanakoppa Village	NSS Unit, Karnatak Science College, Dharwad	Village cleaning	1
Swachh Bharat Abhinaya	NSS Unit, Karnatak Science College, Dharwad	Plastic free campus drive	3

[View File](#)

3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange durin

Nature of activity	Participant
Ph.D. Programme in Applied Genetics	Dr.C.G.Patil,KSCD & Dr. Vasudev, College Forest Biology, Sirsi
Sharing of laboratory facilities at PG Dept. of Physics, K.U.Dharwad	Dr. Saraswati Masti, Chem. Dept, KSCD Dr.Rajashekhar F. Bhajantri, P.G.Dept. Physice, KUD
Sharing of laboratory facilities at PG Dept. of Physics, K.U.Dharwad	Dr. Saraswati Masti & &Dr. Ravindra B Chougale, P.G.Dept. of Chemistry, KUD
Sharing of laboratory facilities at PG Dept. of Physics, K.U.Dharwad	Dr. Saraswati Masti & Dr.V.Shyamkumar P.G.Dept. of Biotechnology, KUD
institutions using reasonable endeavours to carry out the research work	Dr. Saraswati Masti & Dr. Deepak Kasai Department of Basic Sciences, JAIN, Deameed-To-Be-University, Bangalore.

[View File](#)

3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sha during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Dura Fr
NIL	NIL	Nill	Ni

No file uploaded.

3.5.3 – MoUs signed with institutions of national, international importance, other universities, inc during the year

Organisation	Date of MoU signed	Purpose/Activities

| MoU with Nichrome Testing Laboratory and Research Pvt.Ltd | 02/01/2019 | Promote academic interaction between basic science and life science Create awareness about life science Orientati towards gender, Health and Developmen |

| **View File** |

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 infra
0	2

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Exist
Classrooms with Wi-Fi OR LAN	
Seminar halls with ICT facilities	
Classrooms with LCD facilities	
Seminar Halls	
Laboratories	
Class rooms	
Campus Area	

| **View File** |

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)	Versi
ELib	Fully	6.5

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		
Text Books	182459	49902622	75	31305	
e-Books	93809	5000	0	0	
Journals	24	22000	0	0	
e-Journals	6237	5900	0	0	

| **View File** |

4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CE other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Lea (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	D
00	00	00	N

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
Existing	148	3	11	5	0	8	38
Added	0	0	0	0	0	0	0
Total	148	3	11	5	0	8	38

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 ce
NIL	Nill

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	main
2227000	2805925	0	

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facili sports complex, computers, classrooms etc. (maximum 500 words) (information to be available ir link)

1. PHYSICAL FACILITIES- I. POLICIES FOR MAINTENANCE OF CLASSROOM- F maintenance of the classrooms is outsourced to external agencies by tender bases. Corridors in the departments and its five meter surrou: employees of the same agency/ agencies. Regular monitoring and maint connections and fixtures , including repairs/replacements, are do: department of the university. There is an Annual Maintenance (AMC) fo the computers in different laboratories and offices in the college th done by the university. UTILIZATION- Time table committee will prep. table in such a way that there is maximum utilization of infrastruc 2.ACADEMIC- I. LABORATORY- Annual maintenance of the instruments is c Assistants. Stabilizers are used for instruments to regulate elect: Regular servicing and maintenance is carried out for the instrum calibration of the instruments is done. Service engineers from manufa called for the repair work, whenever required. Official procedures a: repair by calling three quotations from different firms, and based statement, an order will be issued to the person (service enginner/ reasonable price and the best service. UTILIZATION- The student practical batch (for a laboratory session) is based on the subjec available infrastructure in the laboratories and the university norm to provide hands-on experience for all the students. Practicals are and afternoon sessions, for maximum utilization of laboratory res computers. 2. LIBRARY-Maintenance of the library and it resources i Annual maintenance of the books is done by fumigation to avoid inse

environment is created near the book shelves through electric heaters
Regular dusting and cleaning is done by using vacuum cleaners. Pest c
   so as to increase the life of valuable resources of the library.
fixtures are repaired and maintained regularly by the experts. UTILIZ
   fully automated. Computerized issue and return of books is done in
   Books exhibitions are conducted in the library and the books sugg
   members are recommended for the purchase. Open Access is given to
reference books, so as to have effective referencing and exploring of
   the subjects. Special reading room facility and the computers are pr
e-content. Four computers with braile facility are made available to
   disability. Library is kept open from 8 AM to 8 PM. Ramp facility
   students with physical disability. Social platform is used to notif
updates of the library. III. COMPUTERS- Maintenance and support are c
   personnel of firm engaged by AMC agreement made by the university. Re
                        the software is done.

http://www.kscd.ac.in/iqac1920/2019-20_AQAR_docs.zip

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	N
Financial Support from institution	IIA,IIB,IIIA,IIIB and SC, ST Scholarships	
Financial Support from Other Sources		
a) National	NIL	
b) International	NIL	

View File

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

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	
VI. Remedial Class: Dept. of BCA (Odd Sem)	31/08/2019	12	Dept
V. Bridge Course: Dept. of Physics (Odd Sem)	01/07/2019	477	Dep
IV. Bridge Course: Dept. of Zoology (Odd Sem)	21/06/2019	414	Dep
III. Bridge Course: Dept. of BCA and B.Sc.(CS) (Odd Sem)	15/07/2019	136	Dept
I. Bridge Course: Dept. of Geography (Odd Sem)	16/06/2019	162	Dept
II. Bridge Course: Dept. of Botany (Odd Sem)	17/12/2019	277	De
VII. Remedial class: Dept. of Botany (Odd Sem)	18/09/2019	75	D

VII. Remedial class: Dept. of Zoology (Odd Sem)	07/09/2019	28	Dep
IX: Mentoring: Dept. of Botany (Odd Sem)	12/08/2019	10	D
X: Personnel Counselling: Criminology and Forensic Science	11/08/2019	12	Dept

| **View File** |

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offer the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number who ha the c
2020	Career Guidance and Skill Development	0	113	

| **View File** |

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Preventi ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of day
0	0	

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			O	
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	
WIPRO, INDIAN MONEY, INFOSYS, QCONNECT, HRH, SUCO TECH, OPERA SPACE, TMIe2F	240	167	NIL	

| **View File** |

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 of institution joine
2019	9	B.Sc.	Botany	Karnatak University Dh
2019	10	B.Sc.	Geography	Karnatak University, Dharw University
2019	36	B.Sc.	Zoology	KUD, Kuvempu Universi Shankarghatta, Manipal Scho

				Sciences, MAHE, Manipal, Centre, Karwar
2019	12	BCA	Computer Applications	Dept. of Comp. Appln. Vishveshwaraiah Technol University (VTU), PES Uni B'lore, Sri. Siddalingesg College, Gokak, New Horrizo of Engineering, B'lo
2019	7	B.Sc. (CS)	Computer Science	Sri. Manjunatheswar Instit PG, Dharwad, Jain Colle Engineering, NIE College,

View File

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
GATE	1
NET	1
SLET	1

View File

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the y

Activity	Leve
Karnatak University Intercollegiate First Zone Cricket Tournament (Men)	Inter collegi
Karnatak University Intercollegiate Inter Zone Cricket Tournament (Men)	Interzo

View File

5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at nat (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number
2019	Cross Country	National	1	Nill	19S10221
2019	Chess	National	1	Nill	18S10261
2019	Basket Ball	National	1	Nill	18S10153
2020	Sepak Takrow (M)	National	1	Nill	17S10117
2020	Taekwondo	National	1	Nill	17S10326
2019	Football	National	2	Nill	17S10117, 18S10027
2020	Taekwondo	National	1	Nill	17S10326

2020	Sankalp Fest,2020	National	Nill	Nill	Nill
2019	Cross Country	National	1	Nill	19S10221
2020	Colaossus	National	Nill	Nill	Nill

View File

5.3.2 – Activity of Student Council & representation of students on academic & adminis the institution (maximum 500 words)

Gymkhana – College has a gymkhana to promote the sports activities departments (excluding miscellany and reading room. Based on merit, in specific sports, student's secretaries are selected for each dep will assist the Physical Instructor for selection of the team for sp at the national/international/university level. Ant ragging cell –C anti ragging cell which consists of student representatives. Sen coordinate with the teaching members of the committee in mainta environment in the campus. Alumni, Parents meets and Placements – St help in coordinating events like alumni meet, parents meet, plac internships and projects in the college. IQAC – IQAC committee consi representatives, and they help the committee, whenever required. M Circles -There is a separate student representative in both the colle and for each of the departmental study circles. They help in colle (manuscripts) from the students and assist the chairman in the selec publication. Study circle secretaries coordinate the events in the c Green campus – Small students groups are created and assigned projec to the creation of clean and green environment in the campus and 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 Sc: Association, Dharwad (KSCAAD), established on 13th February, 2009 (R DRZ/SY/313/2008-09). The main objectives of the association are as f are invited from the alumni for the up gradation of the college infra oriented syllabus, student friendly environment and campus beautifica suggestions are followed up by the college and University authorities 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 y

```
  Administrative Functioning (Participative Management): Since our col
   college of Karnatak University, Dharwad, which is governed by the H
   Vice- Chancellor, Registrar, Registrar Evaluation, Finance Officer
   Principal and IQAC coordinator and members are jointly responsible
   administrative leadership of the college. The apex decision making
   level is the Governing Council, under organizational structure of
    Periodical meetings are conducted twice a year, under the chairma
    Chancellor. The Principal meets at least twice in a month, with
  departments in the college, in order to discuss important academic
  issues. The IQAC meets periodically to discuss the issues related t
    and plans. Various committees such as, Internal Quality Assuranc
  Committee, Anti Ragging Cell, Committee for Prevention of Sexual H
 Grievances and redressal Committee, Gymkhana Managing Committee, Stud
  Prospectus Committee, e-governance cell and Time Table Committee hav
   college, to help in monitoring and facilitating administrative func
    the administration open and transparent. Academic Functioning (Cu
  Responsibility): Each and every teaching staff members of the colle
  responsibility. The Principal empowers all the head of departments
     to them the leadership to monitor academic responsibility of facu
  concerned department, a concrete step towards a decentralized gover
  the HODs assigns all the staff members the responsibility of conduct
   practical classes, Internal examinations (both Theory and Practical
   in charge-ship of different laboratories in the department. Each de
   freedom to prepare its academic plan and schedule of activities at
  table preparation, designing and assigning of projects, conduct of w
   execution (including organization) of training programmes, special l
   activities, conduct of internal examination and evaluation. The st
  responsibility for different tasks such as preparation of prospectus
   college and Hostel), student's uniform, examinations, document verif
     for scholarships, Rail/bus concessions as well as handling the un
  correspondence. The IQAC includes faculty members along with members
    the policy / plan formulation and its implementation. Faculty membe
    active role in the management of academic activities of the college
       participate in various curricular, co-curricular and extracurri
```

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

Strategy Type	Details
Curriculum Development	Strategy: Implementation of learning outcome based of Undergraduate and Post graduate courses run by the regulations and syllabus/ scheme of examinatio Board of Studies (BOS) at the Karnatak University, of the college are involved in the eExisting cur through workshops for ensuring continuous evalua making it industry oriented. The college follows courses, wherein there is a flexibility to desig activities and choice based extra credit, skil
Teaching and Learning	Strategy: The college management ensures a prope environment by way of deputing the staff members fo Programmes (FDP) to different universities and rese

	order to give an opportunity for the teachers to er as well as update their skills. Provision for ICT many class rooms and laboratories. Regular feedba learning process is obtained from the students. A employed to analyse the feedback obtained from th stake-holders. The analyzed reports are shared wit of the college from time to time, which helps in mc learning process and also helps in understanding th attitude/ perception
Examination and Evaluation	Strategy: Theory and practical internal examinatic per the calendar of events of the college In c transparency, the marks obtained by students are di board of the concerned department. Students are a answer papers, and in case of any discrepancy rect: will be done. Before conducting the semester-end ex of all the staff members will be convened by the Superintendent (internal) of the examination, to smooth conduct of the examination. Question pa university are received and seating arrangement college .Soon after the evaluation, the universit results online for quicker and faster methods of support.
Research and Development	Strategy: In the college, there is a research comm the routine affairs of research by the faculty research funding (proposals). Research proposals s members are scrutinized by the research committe necessary modifications as per suggestions of t committee, they are forwarded to the College Devel University. Financial provision has been made by t staff members to participate and present their r National and International conferences an
Library, ICT and Physical Infrastructure / Instrumentation	Library is a growing organism. Consistent improveme of College library as well as the department libra A separate budget is provided to upgrade the libra the growing and changing requirements of students In order to enhance the teaching learning process, extended to each department. Laboratory instrume serviced and calibrated to standards. New instrumen cater to the revised syllabus. College also prov. space to conduct competitive exams and National screening examinations like NET, SLET and JR
Human Resource Management	To upgrade and enhance the standard of academic er teaching faculties are deputed with duty leave orientation/refresher courses and short term tr. Research scholars and teachers are also depute international /national conferences/seminars/wor: laboratory assistants between the departments (int place routinely, in order to enable them to impro develop new abilities so that they become more usef in the long run.
Industry Interaction / Collaboration	The college arranges interaction of students with that they gain industry knowledge. The institutic training sessions for students, for specific skill

	organized placement drives. Besides that, workshop planned and organized with students and teacher employability skills, especially among students. placed in the society provide free guidance to the help them develop industry oriented
Admission of Students	College has admission committees for different cl will prepare the calendar of events for admission, online and in local newspapers. Admission proces roof. Applications from the candidates are invit carefully scrutinized by admission committee membe candidates are selected on merit cum ros

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

E-governace area	Details
Administration	The development of physical infrastructure in the co e-tendering by the university, following established regard. Submission of projects under various schemes
Administration	The college makes continuous efforts to go pape administrative and official work
Finance and Accounts	Well-equipped computerized method is followed in or record of all the finances of the college. Advanced scan documents.
Student Admission and Support	The institution provides a constant support and assi community, wherein online tools are used to keep the in touch with the students, in order to inform the events/ circulars/ notices, from time to time. Teac have created Google/WhatsApp groups (of students) to provide new links and resources related to academi necessary and/ urgent official documents,
Examination	The college conducts internal and Semester end exa Notices related to the examinations are posted and bases. Thus the Chief Examination Officer and the ensures transparency and quicker method of conductin marks of the internal exams and semester end exams University online.

6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the profess which membership f
2019	Dr. Blaise Lobo	International Conference on Physics of Materials and Nanotechnology	Mangalore Uni Mangalo
2019	Dr. Geeta Chavan	Life Member	Indian Associ physics Te
2020	Dr. G. N. Kummur	International Conference Held at Kolakatta, India	Amity Universit
2020	Dr. L T Nayak	International Conference Held at Kolakatta, India	Amity Universit

2020	Dr. Nirupama J M	Trombay symposium radiation photo chemistry	TSR-P2(

View File

6.3.2 – Number of professional development / administrative training programmes organized by t 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	Numbe particip (Teachin
Nill	NIL	NIL	Nill	Nill	Nil

No file uploaded.

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

Title of the professional development programme	Number of teachers who attended	From [
Short term Course on "Disaster Management"	1	20/01/
Shor term Course on E- Content Development	1	28/05/
Degree college training program in physics	1	22/11/
UGC Sponsored Refresher Course in Computer Science	2	11/03/
Refresh course in computer science	1	15/01/
Refresher courses on Materials Preparation Measurement of properties	1	05/03/

View File

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

Teaching		Non-tea
Permanent	Full Time	Permanent
41	86	14

6.3.5 – Welfare schemes for

Teaching	Non-teaching	
Karnatak University Employees Credit Cooperative Society, KUD	Karnatak University Employees Credit Cooperative Society, KUD	Karnatak Credit

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words eac

College maintains the finance and accounts systematically and regula is a constituent college of Karnatak University Dharwad, Governmen followed, which performs timely checks on the expenditure made thro well as the finance department of Karnatak University, Dharwad. A auditors visit the college annually and audit the status of expendit head of the college office and individual departments. The proper t

allotted for the research schemes by different funding agencies a
auditors or Chartered Accountants. After the submission of the a
auditors, objections if any will be immediately addressed during the
auditors from Accountant General, Government of Karna

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthr covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Karnatak University, Dharwad	2395123	Maintenance of all the department equipments/chemicals/consumables/teachi of departmental gardens and

View File

6.4.3 – Total corpus fund generated

00

6.5 – Internal Quality Assurance System

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

Audit Type	External		Yes/No	
	Yes/No	Agency		
Academic	Yes	External Experts from Karnatak University, Dharwad	Yes	
Administrative	Yes	External Experts from Karnatak University, Dharwad	Yes	Re Un

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)

1. Implementation of Choice Based Credit System (CBCS) for all the B.Sc., BCA and B.Sc. (CS) level and 6 special subjects. 2. Submi proposals from all the 8 departments to karnatak University, Dharwad money worth of Rs. 100000 each. 3. Submission of proposals from all establishment of MoU (Memorandum of understanding) with the local bo the exchange programmes. 4. The college website has been renewed an effort has been made to make each content rich, so that the entire available on the website. 5. Few faculty training programmes have a upcoming areas like PYTHON programming, Research Facility Training P Scholar, Communication and Interview Skills. 6. Feedback analysis o curriculum, infrastructure etc. has been collected and analysed. I there is a need for conduct of Bridge courses for the students in semester. 7. Based on the performance in the first internal examinat: learning students are identified, remedial classes are conducted for Green auditing and carbon sequestering of the campus is done. 9. Stu take part in sports, extracurricular activities etc. 10. Students are

in small research projects. 11. Regular Placement Drives are con
employability to our students.

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	D
2019	Research Facility Training Programme for Research Scholars	21/11/2019	21/11/2019	2:
2019	Celebrated "International Year of Periodic Table: 2019"	29/08/2019	29/08/2019	2!
2019	Ten Days Workshop on PYTHON PROGRAMMING	03/12/2019	03/12/2019	1:
2020	Communication and Interview Skills	29/02/2020	29/02/2020	0:
2020	One-Day Workshop on "Embedded system development using 8051 controller"	01/02/2020	01/02/2020	0:

View File

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 instituti

Title of the programme	Period from	Period To	Nu
			Fer
NIL	Nill	Nill	

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

Percentage of power requirement of the University met by the renewable er

1. Environmental Consciousness: Staff and the students of our colle
maintain plastic free and oxygen rich campus by way of collecting a
specific locations earmarked and Plantation drives are regularly c
greenery. Vehicle parking facility is provided at 3 different locati
avoid vehicle movement in the campus to reduce air pollution. 2. T
First year students are divided in to small groups and are advi
plants/trees. They take oath to maintain their adopted plant/tree fo
their stay in the campus. Later they will transfer the responsibili
plants to their juniors. This act of students will help in increas
sustainability. 3. Green Energy : Solar Lamps: College has 26 num
generation units in the campus, at different locations - (Basavavan
- 04, Library - 08, Physics department - 04 and college mai

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/Nc

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
2020	1	1	03/03/2020	1	Awareness om Solid Waste Management Plastic Free Campus	Impact waste a on hum and main persona
2020	1	1	05/03/2020	1	Swachh Bharath Abhiyan	Disadva open depicti
2020	1	1	06/03/2020	1	Personality Development	Develo Good A Stress m Commu attitude heal succes
2020	1	1	07/03/2020	1	Roll of NSS in Social Reforms	Roll volun social r
2019	1	1	02/01/2019	1	MoU	Capacit

View File

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholde

Title	Date of publication	Follow up(max 100 words)
Teachers dairy and prospectus	19/06/2019	The main motto of the institution is to deve responsible citizens by including human v scientific insight, for which various efforts institution follows the code of conduct of F Dharwad. Rules for code of conduct for both t are mentioned in the teachers dairy as well a

		Teacher's dairies are maintained by the indivi duly signed by HOD and Principal at the end o code of conduct for the students is print prospectus and made available to the stude admission.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To
College Founder's day	09/08/2019	19/08/2019
Sir. Siddappa Kambli birth Anniversary	11/09/2019	11/09/2019
Mahatma Gandhi Jayanti	02/10/2019	02/10/2019
Kanaka Jayanti	21/11/2019	21/11/2019
Maharishi Valmiki Jayanti	24/10/2019	24/10/2019
Swami Vivekananda Jayanti	12/01/2019	12/01/2019
Dr. B. R. Ambedkar Jayanti	14/04/2020	14/04/2020
Basava Jayanthi	14/05/2020	14/05/2020
Gurunanak Jayanthi	19/11/2019	19/11/2019

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 requirement
26 number of solar lamps have been installed in the common usage ar
the Library, Health center, Play grounds and on the sides of the roa
Plantation Drive. The college campus has rich greenery, with many
plants The campus vegetation is maintained by the gardeners (worker
the university as well as the students. To enrich the garden, a regu
plantation of samplings is organized. Every year, students are er
saplings and they take up the responsibility of maintain these plant
their graduation. The department of Botany is maintaining a separat
which consists of a good number of rare plants. Maintenance of Medic
college maintains a medicinal plant garden in the department of Bot
good number of medicinal plants, which can cure a variety of human
plants have been named and their medicinal properties have been men
garden is open to the public, and visitors from the nearby schools
frequently visit the garden. Conservation of Rain Water: Rain water h
made in all the departments and the harvested water is made to sink :
the same purpose. Generation of organic manure: Organic composting
campus. Students are advised to put all biological waste and the re
the pits made for organic manuring. Food waste from the canteen is
pits, and students are trained to prepare the organic compost. Prepa:
the Botanical garden. Principles of 3 Rs – Reduce, Reuse and Recyc
plastic is banned in the campus. Mineral water bottles are discoura
plastic or metallic water bottles are encouraged. The College practi
papers, reuse of papers and recycling of papers. E-Waste: As per tl
Karnatak University, Dharwad, E-waste is collected from both teache
prior notification and is deposited at a particular place later, the
person to collect this e-waste, which is sent for recycling. Plastic
are strictly discouraged from using plastic bags and bottles in tl
dustbins are installed at various corners of the campus and students
the plastic waste only in the dustbins.

7.2 - Best Practices

7.2.1 – Describe at least two institutional best practices

1. Students were motivated and guided to collect the used tender coco
with Farm Yard Manure, raise seedlings in them. Once the seedlings a
be distributed to the school children and requested them to raise
convinced about the Importance of the plants in once life. 2. B
competition conducted by college AKKA ladies association. 2. Free de
association with Rotary Club of Seven Hills and SDM Dental College,
students and staff of the college. 3. Mehndi and Rangoli competitic
was. 3. Imparting knowledge on Zoology to the school/college/unive
public through the zoology museum. 4. Construction of fis

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

http://www.kscd.ac.in/iqac1920/2019-20_AQAR_docs.

7.3 - Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its visic more than 500 words

Vision of the Institution: Just, Equitable, Tranquil, Harmonious
Scientific Temperament. Mission: • To enhance ability of students, :
special and thereby creating experiences so surprisingly positive
Providing a variety of options for delivering dazzling science educa
• To offer invigorating experiences in a way that build confider
sustainable, yet positive defining moments. • To inspire students to
and do what they say they will. • To help students network with pec
needs and an interest to do something extra. • Provide infrastruct
generate talented human resource pool, which will be beneficial to ou
To transform students into sharp thinkers, writers, speakers an
professions of their choice. • To install scientific temperamen
generation. This educational institution is one of the premier and p:
the North Karnataka region, providing education and other services at
to students from diverse backgrounds, with different orientation and
demographic diversity as majority of the students are hailing from
socio-economic backgrounds, in particular, from villages and towns
Karnataka region and neighbouring states in general. Karnatak Scienc
of the art' instrumentation facilities in the laboratories, which a
students. With this 'uniqueness', we are inculcating the value of 't
the members of the institution by giving space to each and ever
participate, explore, enhance and attain their full potential, thu
society a more equitable space. To achieve the vision of the institu
actively participating to the best of their individual ability in
friendly activities. • Counselling cell of the institution is active
is practicing for all the diverse student groups. • Convenient and
platform is provided for celebrating cultural uniqueness. • Gymkhan:
indoor games and gymnasium is provided to all the student groups ful
needs. • Student centric teaching is done by making the class roor
student friendly. This is done by promoting and encouraging dialogu
among the students. • Special support for the differently abled stude
and online feedback system allows the students to give their indiv:
about syllabus, teaching techniques and class room environment, in
teaching/learning experiences. • Inclusive Classroom (Group activit
Group Discussion and exploring new media for classroom teaching). •

Advance learner classes • Bridge course • Value added education throu
Human Right Day, Awareness Campaigns and Community engagements. •
Programme for the students. • Strong Parent and Alumni As

Provide the weblink of the institution

http://www.kscd.ac.in/iqac1920/2019-20_AQAR_docs.

8.Future Plans of Actions for Next Academic Year

• Induction programme for first year students and Parents meeting - N
students will be introduced to all the departments and the staff memb
students become well acquainted with the campus facilities available.
e-Governance for the quality initiatives of academic and administrati
a continuous record of student progression to higher education/employ
paper less office, institutional email IDs will be provided to all th
the internal communication • Starting of Post Graduate department in
demand from the students for Post Graduate studies in Botany, in view
will be sent to Karnatak University, Dharwad to start Post Graduate c
• Starting skill based certificate/vocational programmes - To meet ou
and to create employability in students, need based skill development
courses will be started • Promoting teachers for e-content developmen
teaching, faculty members will be encouraged to develop e-content in
subjects and upload the same to website/youTube. • Strengthening Acad
interface - Linkages will be established with the local industries to
employability. • Creating eco-friendly, green and clean environment i
separate parking facility will be provided for teachers and students
locations in the campus so stop the vehicular movement inside the cam
drives will be initiated at regular intervals and the students are mo
them. Dust bins will be installed at different places in the campus t
dump the waste. • Conducting student focused academic and skill devel
Promoting students for conducting small projects and publishing their
journals • Implementation of NEP (National Education Policy 2020) • E
in all the departments with different professional/local bodies, NGO'
Organizations. • Promoting Vaccination drive for Covid-19 - Students
encouraged to take vaccine in our health centre. • Society oriented e
will be conducted.