



YEARLY STATUS REPORT - 2021-2022

Part A	
Data of the Institution	
1.Name of the Institution	KARNATAK SCIENCE COLLEGE, DHARWAD
• Name of the Head of the institution	Dr. S. C. Chougala
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	08362215410
• Mobile no	9481124212
• Registered e-mail	kcdnaac@gmail.com
• Alternate e-mail	principal.kscd@gmail.com
• Address	College Road, Near All India Radio, Dharwad
• City/Town	Dharwad
• State/UT	Karnataka
• Pin Code	580001
2.Institutional status	
• Affiliated /Constituent	Constituent College, Karnatak University, Dharwad

• Type of Institution	Co-education				
• Location	Urban				
• Financial Status	UGC 2f and 12 (B)				
• Name of the Affiliating University	Karnatak University, Dharwad				
• Name of the IQAC Coordinator	Dr. L. T. Nayak				
• Phone No.	9448746967				
• Alternate phone No.	08362215400				
• Mobile	9844001157				
• IQAC e-mail address	kscdiqacvision2324@gmail.com				
• Alternate Email address	principal.kscd@gmail.com				
3. Website address (Web link of the AQAR (Previous Academic Year))	https://kscd.ac.in/IQAC/AQARC/AQAR2020-21.pdf				
4. Whether Academic Calendar prepared during the year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	https://kscd.ac.in/calendar/Calendarevents.pdf				
5. Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 2	A	3.26	2009	25/09/2009	24/09/2014
Cycle 3	B	2.22	2019	26/09/2019	03/03/2024
6. Date of Establishment of IQAC	01/06/2001				
7. Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,					
Institutional/ Department / Faculty	Scheme	Funding Agency	Year of award	Amount	

			with duration	
Dr Manjunath S	SERB-DST Project	SERB-DST, Govt. Of India	2018-19 Three year	Rs 23,00,000
Dr. (Smt.) K.Jayalakshmi	University Research Seed Grant	Karnatak University, Dharwad	2021 One year	Rs. 50,000
Dr.K.S.Katagi	University Research Seed Grant	Karnatak University, Dharwad	2021 One year	Rs.50,000
Dr. (Smt.) S.P.Masti	University Research Seed Grant	Karnatak University, Dharwad	2021 One year	Rs 50,000
Dr. (Smt.) Nirupama J.M	University Research Seed Grant	Karnatak University, Dharwad	2021 One year	Rs.50,000
Dr. (Smt.) Reshma A.Nesargi	University Research Seed Grant	Karnatak University, Dharwad	2021 One year	Rs.50,000
Dr.K.Kotresh	University Research Seed Grant	Karnatak University, Dharwad	2021 One year	Rs.50,000
Dr.K.Kotresh	RQCode K.U.Dharwad	Karnatak University, Dharwad	2021 One year	Rs.65,000
Dr Rajappa S.K	University Research Seed Grant	Karnatak University, Dharwad	2021 One year	Rs.50,000
Dr.R.G.Kalkhambakar	University Research Seed Grant	Karnatak University, Dharwad	2021 One year	50,000

8.Whether composition of IQAC as per latest NAAC guidelines	Yes
<ul style="list-style-type: none"> Upload latest notification of formation of IQAC 	View File
9.No. of IQAC meetings held during the year	2
<ul style="list-style-type: none"> Were the minutes of IQAC meeting(s) and compliance to the decisions have been 	Yes

uploaded on the institutional website?	
10. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No
11. Significant contributions made by IQAC during the current year (maximum five bullets)	
<p>* Induction programme: Induction programme for newly admitted Students of B.Sc., BCA and B.Sc.(CS), M.Sc. Physics, Chemistry and Mathematics has been conducted on 20th November 2021 at Srujana Ranga Mandir (College auditorium). An official introduction was given about all the teachers from different departments, the different courses offered in the college, infrastructure in the campus, facilities available, responsibilities of the students, different cells in the college to monitor the students' academic progression, health centre facility, banking facility, NCC, NSS, gymkhana facilities, Students welfare committee, placement cell and code of conduct. * Covid-19 Vaccination Camp for the students: IQAC in association and the Student Welfare Office of the college organized a Vaccination Camp for students on 12-01-2022 from 11.00 AM to 5.00 PM in Karnatak Science College Campus, Dharwad. The medical representatives from the Primary Health Centre, Barakotory, Dharwad participated in the drive and vaccinated our students. It was one of the unique and need of an hour programme in the college, where more than 210 students have been vaccinated. Dr.Yeledahalli Karnatak Science College Hospital doctor, Dr.S.C.Chougala, Principal, Dr.G.H. Mallimath, NSS programme officer and student volunteers and others were present on the occasion. * Student Counselling Program : Internal Quality Assurance Cell, the Student Welfare office, Akka Association of Karnatak Science College, Dharwad jointly organized Student Counselling Program on 24-05-2022 at 10 AM in BCA Department, Karnatak Science College, Dharwad. Dr. Anand Pandurangi (M.B.B.S, DPM, FIPS) known Consulting Psychiatrist was invited for counselling the girl students of B. Sc. and BCA. Dr. Anand Pandurangi gave a talk on "self confidence and maintenance hygiene" and thereafter interacted with the students by calling one by one and many questions asked by the students and the resource person addressed them. There were 200 girl students and lady staff present on the occasion. Dr. S. C. Chougala, Principal, Dr.L.T.Nayak Dr. Saraswati P. Masti, Smt. Ambika R and other were present on the occasion. *One Day Training Programme on Entrepreneurship: One Day Training Programme on Entrepreneurship for the final year students was conducted on 26.05.2022 at 10.30 AM in Z-1 hall, Dept. of Zoology, Karnatak Science College, Dharwad. Mallikarjun Otageri Management Consultant, Dharwad and Shivanand Bagalakoti, M.D. of Shivakumar Engineering Work, Hubballi were the resource persons. The resource persons emphasized on problems usually an entrepreneur face in the beginning and how to overcome from these problems and setting up of business. Resource person trained the students on entrepreneurship and also shared their</p>	

experiences. Many questions were raised by the students, which were addressed by the resource persons in a befitting manner. A total of 150 participants, including teachers and students were present. Students appreciated the programme . *Parents Meet: on 28-05-2022 Parents Meet was arranged in BCA hall. A large number of parents participated in the meet. Dr.S.C.Chougala, principal addressed the gathering and requested the parents to express their feelings about facilities available in the institution and suggestions for improvement of their wards. Open interaction platform was made for the parents to express their views. Accordingly many parents one after the other came to the dais and expressed their views and suggestions about the institutions and achievement of their child. The principal assured that their suggestions will be taken into consideration for improving the academic work. Lastly a feedback from parents was collected.

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

Plan of Action	Achievements/Outcomes
<p>Students' academic excellence and their Empowerment and welfare are the prime importance for formulating the strategic plans to enhance the quality and outcome/ achievement at the end of the academic year. Based on which, different levels of development plans like short, medium and long term have been formulated and followed a bottom-up approach with a strategic directive given from the top administrative authorities. The following plans are projected.</p>	<p>The college takes proper initiatives to implement the plans formulated in the beginning of the academic year for better utilization of available resources .</p>

<p>* Preparation of Calendar of events for each semester (Academic year).</p>	<p>• Calendar of events of the college for the year 2021-22 has been prepared by the college committee and accordingly, all the activities in the college were brought into practice.</p>
<p>*Plan to arrange Induction Programme for Fresher's</p>	<p>•Induction programme was arranged for the fresh students on 20th November, 2021</p>
<p>* Plan to prepare AQAR report in time.</p>	<p>• IQAC team of the college has prepared the previous year AQAR (2020-21) within the stipulated time and submitted the same to NAAC Office Bengaluru on 25/03/2022.</p>
<p>*. Plan to conduct long/ short term certificate course.</p>	<p>• Conducted three month certificate course on "Biochemical Techniques" for the students of B.Sc with life science combination of the college from 01/01/2022 to 31/03/2022.</p>
<p>* Plan to conduct Workshops/ seminars/ training programmes on skill and value based subjects to enhance the proficiency of students and staff of the college.</p>	<p>• The Department of BCA signed the Memorandum of Understanding (MOU) with Apponix Technologies Pvt. Ltd Hubballi. As per the agreement, Department of Computer Science (BCA) Organized 10 days Hands on Training cum Certificate Course on "Web Technology" from 26/05/2022 to 04/06/2022. Mr. Santosh Halakurki and Smt. Maimuneesa Khazi from Aponix Technologies, Hubballi were the resource persons. The trainers trained our students about Web Designing & Development. A total of 91students were benefited from this training programme. • P.G. Department of Mathematics organized two days Orientation Program on "Research Methodology in Mathematics" from 16/03/2022 to 17/03/2022 for the Post Graduate students of Mathematics to expose the students with research and developments in the field of Mathematics. Ashwini Yalnaik from Davangere University, Dr. Shashikant (JSS, Dharwad), Mr. Kartik Pise and Ashoka from KUD were resource persons for this programme. The scholars emphasized on Graph Theory, Ordinary Differential Equations, Computational Science and Algorithms, Mathematical Analysis, Vector Analysis. In all 70 PG students have undergone the training. • P.G. Department of Mathematics organized two days enrichment training on "Mathematical operations with Scilab" between 17/05/2022 and 18/05/2022 for the Post-Graduate students of Mathematics to expose the students to perform basic matrix and vector manipulation, do basic 2d plotting, test algorithms or numerical computations. Eminent</p>

	<p>speakers such as Dr. Shreenivas Kersur and Dr. Kakasab Mirji from GIT, Belagavi and Dr. Shashikant (JSS, Dharwad) trained the students to write functions in Scilab, perform basic Matrix and Vector manipulation, write scilab code utilizing basic loops, basic 2d plotting, solve differential equations. About 70 students were benefited. • One day workshop was organized for B.Sc students on how to Crack "Aptitude Test" on 28/06/2022. Mr. Gururaghavendra from Hyderabad gave 10 best tips like: the Approach is the Key, Practice, Practice, and Practice, Do Not Procrastinate, Time Management during the Exam, Think Carefully and Be Confident and Use the available Resources to pass the Aptitude test. At the end of the session, resource person conducted a test for the students and assessed the questions. More than 150 students took part in the workshop. In fact the workshop was informative and fruitful and many students appreciated the methodology of the resource person.</p>
<p>*Plan to organize training programmes for the faculty and students.</p>	<p>• One day training programme for the teachers on "Intellectual Property Rights and Code of Conduct" was organized on 31/05/2022. Dr. Manjula and Dr. Shashirekha Malagi from University Law College, Dharwad were the resource person.</p>
<p>*Plan to invite entrepreneurs for short term training & placement drives.</p>	<p>One Day Training Programme on Entrepreneurship for the final year students was conducted on 26.05.2022 at 10.30 AM in Z-1 hall, Dept. of Zoology, Karnatak Science College, Dharwad. Mallikarjun Otageri Management Consultant, Dharwad and Shivanand Bagalakoti, M.D. of Shivakumar Engineering Work, Hubballi were the resource persons.</p>
<p>* Plan to undertake best practices like Azolla and Mushroom cultivation.</p>	<p>• Department of Zoology and Botany have undertaken best practices like Azolla cultivation (over 50 sq.ft area) and Mushroom cultivation (10 Bags).</p>
<p>*Plan to conduct as many as community benefit extension activities with the help of NCC and NSS volunteers.</p>	<p>• 20 extension activities within and outside the campus have been undertaken from the NSS and NCC volunteers. Distribution of Masks to school children on 12/12/2021, Covide-19 Vaccination on 12/01/2022 (First Doze and 21/02/2022 (Second Doze) , Campus cleaning and Organizing 7 days Camp in village, Massive Blood donation drive on 14/06/2022 are some of the community betterment activities undertaken by the college NSS volunteers.</p>

*Plan to arrange parent meet	<ul style="list-style-type: none"> On 28-05-2022 Parents Meet was arranged in BCA hall. A huge number of parents participated in the meet. Dr.S.C.Chougala, principal addressed the gathering and requested the parents to express their feelings
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13.Whether the AQAR was placed before statutory body?	No
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<ul style="list-style-type: none"> Name of the statutory body
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Name	Date of meeting(s)
Nil	Nil

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2023	13/02/2023

15.Multidisciplinary / interdisciplinary

Karnataka is the first state in the country to implement New Education Policy (NEP) from 2021-22 for all the Under Graduate programmes. New Education Policy provides an opportunity to the student to study diversified field and autonomy in the selection of the field of study in order to ensure knowledge, harmony and integrity. This institution offering B. Sc., B. Sc. (CS), B.C.A., M.Sc. and Ph.D. Programmes as well as applied , life and earth Sciences, and Humanities. Hence, it is fully prepared and geared up for offering a complete multidisciplinary and Interdisciplinary experience to its learners. Under NEP programme student can opt for subject as diverse in any combinations such as Physics, Chemistry, Botany, Zoology, Mathematics, Statistics, Electronics, Computer Science , Genetics, Microbiology, Biotechnology, Geology, Ind. Fisheries, Geography, Criminology &Forensic Science and Anthropology are some of the important courses taught as DSCC ;OEC-with any interested Open Elective Course . Our Institution provided 16 DSCC for B.Sc Programme. In our College through multi Disciplinary education system, students are given more opportunities to study by electing interested and employment oriented subjects. Mandatory courses like Environmental study, India & Indian Constitution, Financial Education and others are the part of the curriculum, and value based, skill based and knowledge based activities such as Digital fluency, Artificial intelligence, fundamentals of digital logics, open source tools, cyber crime, Yoga,/sports, co-curricular and extracurricular are also included in the curricular in this institution.

In the present curriculum structure, a provision is extended for all the students to opt for multiple entries and exit in 1st year with certificate, 2nd year with Diploma, 3rd year with general degree and after completion of 4th year with

Honours (Research) degree, the students will be eligible to get admission for Ph.D. programme.

16. Academic bank of credits (ABC):

The student's data of the college are already available in the University Academic Bank of Credits can be accessed through their Digi-locker. Moreover, the State Government developed UUCMS is linked with ABC. Students are getting their marks card in digital form. In this connection, University has framed regulations and submitted to the Hon'ble Chancellor assent. The data are available in the credit as designed by the curricular frame work.

17. Skill development:

The designed curriculum has a provision to acquire soft skill by learning any two languages in the first four semesters of the programme and hands on training in the chosen courses for 10 credits. In Addition to the syllabi many skills based activities are organized by NSS and NCC volunteers' in and outside the campus. Different department of the college organize various skill based activities through seminars, workshops, Creating Science models and exhibiting them. Karnatak Science College has signed Memorandum of Understanding (MOU) with *Apponix Technologies Pvt. Ltd* Hubballi, K.L.E's Jabin College, Hubballi and Education -Easy India Pvt. Belagavi to train students on recent trends in corporate industry, preparing for interview, organising campus interview, MySmartShala to go digital, exchange information on recent advances in the field of Science.

18. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

The College has maximum umbers of Modern Indian Languages (MIL) to opt for the development of soft skills such as Kannada, Hindi, English, Urdu & Persian, Sanskrit, Marathi etc and MEL like French. Through which, the students will understand the diversified culture of Indian Society. The medium of instruction to the students for all the Under Graduate Programmes is in either English or regional language (Kannada). Our Faculty are well versed in Bilingual teaching mode (Kannada/Hindi and English) for all the courses of B.Sc. B.Sc. (CS), B.C.A and PG since inception of the College and hence no issue of teaching in Bilingual mode.

19. Focus on Outcome based education (OBE): Focus on Outcome based education (OBE):

Karnatak Science College offers B.Sc. B.Sc. (CS), B.C.A and PG Programmes, and our curriculum is totally outcome based education as decided by the Karnatak University. In this context, college has developed several new initiatives such as Creating a student centric environment, Mentoring and continuous assessment of learners and Encouraging application of knowledge for solutions have been taken by the college as per the objective of NEP 2020 for the student's employability.

20. Distance education/online education:

As per the norms of Government of Karnataka, there is no provision for Distance education to manage the distance education by University/ College other than Karnataka State Open University, Mysore, However, there is provision to learn 40% of content online. Now, the student admitted in the degree programmes as per NEP-2020, are allowed to learn online through, NASSCOM (futureskillsprime.in) and NSE Academy (<https://www.nseindia.com>) platforms to acquire knowledge in the courses like, Digital Fluency, Artificial Intelligence, Cyber security and Financial Education as mandatory courses of all UG programmes. The institute has a MOU with with *Apponix Technologies Pvt. Ltd* Hubballi, and Education -Easy India Pvt. Belagavi which facilitates the students to do several online courses.

Extended Profile

1. Programme

1.1 Number of courses offered by the institution across all programs during the year	446
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File Description	Documents
Data Template	View File

2. Student

2.1 Number of students during the year	1869
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File Description	Documents
Institutional Data in Prescribed Format	View File

2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	833
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File Description	Documents
Data Template	View File

2.3 Number of outgoing/ final year students during the year	576
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File Description	Documents
Data Template	View File

3. Academic

3.1	88
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Number of full time teachers during the year	
File Description	Documents
Data Template	View File
3.2	98
Number of sanctioned posts during the year	
File Description	Documents
Data Template	View File
4. Institution	
4.1	35
Total number of Classrooms and Seminar halls	
4.2	426.53
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	130
Total number of computers on campus for academic purposes	

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

In the NAAC Coordinator's meeting in accordance with IQAC, Principal requests to the committee members to prepare the semester-wise calendar of events to the forth coming year programmes at the end of each academic year and to design the time table for all the U.G. and P.G. programmes and displayed the same on the college notice board and uploaded in the official website of the college. At the end of each semester, every department conducts council meeting to inform about their workload and courses for next semester, which helps the teachers to prepare a teaching plan, in advance, for the next academic assignment. IQAC provides all the teachers with a teachers work dairy to record their lecture plans and work execution details.

Teachers refer standard reference books prescribed by the university. Besides traditional teaching methods, like the conduct of quiz, group discussion, demonstrations, debates, projects works, industrial visits, add-on practicals, assignments, case studies and ICT Tools are adopted for effective implementation of the curriculum. As per the time table bridge courses are conducted for

all the semester students and based on performance remedial classes were conducted for slow learners. Academic review and feedback from students/ parents/ stakeholders/ employers/ alumni are taken periodically. Based on feedback analysis Principal gives suggestions to the teachers whose performance is below average.

File Description	Documents
Upload relevant supporting document	
Link for Additional information	https://kscd.ac.in/IC%20The%20Institution%20ensures%20effective%20curriculum%20d

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

Examination Process and Reforms: As per the University's examination rules two internal theory (IA 1 & IA 2) and one practical (IA) examinations are conducted. Centralized Continuous Internal Evaluation system (CIE) is adopted to maintain the academic standard of the Institution. The evaluation report is made available on the College and department notice boards and also uploaded in the College website. Grievances of the students if any are addressed within stipulated time. Based on the CIE report, slow learners are identified and remedial classes are conducted for such students.

Schedule for the semester end examinations (Both theory and practical) is notified by the university. Principal appoints a teacher as Chief Superintendent for smooth conduct of theory examination in the college. Internal Examiner's are appointed by Principal and external examiners appointed by the University to conduct the practical examination soon after the completion of the Practical examination Mark's will be uploaded on the University website.

Evaluation Process and reforms: Bar coding: Every answer paper is given a barcode. Students register number along with a copy of the barcode is physically removed before the evaluation and the paper is coded. The coded answer papers are assessed and decoded. Results will be announced by the university.

Photocopy, Revaluation and Third Revaluation: Students are permitted to get the photocopy of their answer scripts. Provisions are also made for revaluation, third evaluation and challenge evaluation.

File Description	Documents
Upload relevant	

supporting document	
Link for Additional information	https://kscd.a%20The%20institution%20adheres%20to%20the%20academic%20cale

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

A. All of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

5

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	View File
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

01

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

21

File Description	Documents
Any additional information	View File
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

Gender equity: Equal importance is given to both boy and girl in all the activities of the college. The institution promotes gender sensitization through co-curricular activities like workshops, seminars, guest lectures, poster presentation, counseling etc.

1. NSS and NCC: Girls and boys have the equal opportunity in College admission and participation in all types of camps, work being carried out in the campus and outside the campus.
2. Curricular and co-curricular activities: No special provisions were made for boys and girls and are treated equally.
3. Committees: The institution maintains and promotes gender equity by including both male and female staff members and student representatives in all the committees.

Human Values and Professional Ethics: Indian Constitution and Human Rights are the mandatory subjects for BSc/BCA/BSc (CS) students where human values and Professional ethics are taught. In addition to these conducting awareness campaigns organising Orientation Programmes, Seminars etc are conducted to sensitise the future leaders to inherit human values coping with the constitutional obligations.

Environmental Sustainability: Environmental Studies is one of the mandatory subjects for BSc/BCA/BSc (CS) students. The process of Liquid, solid and E-waste management is practiced in the campus. Separate places are identified with many dust bins in which the solid waste materials are disposed. Dust bins fields with waste materials are lifted by the city corporation. College campus has an underground drainage system and liquid waste is safely discharged

in to it. Stored E-waste will be collected by the University concerned authorities.

File Description	Documents
Any additional information	No File Uploaded
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

66

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	View File
Institutional Data in Prescribed Format	View File

1.3.3 - Number of students undertaking project work/field work/ internships

360

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders
Students Teachers
Employers Alumni

A. All of the above

File Description	Documents
URL for stakeholder	https://k%20Institution%20obtains%20feedback%20on%20the%20syllabus%

feedback report	
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	
Any additional information	

1.4.2 - Feedback process of the Institution may be classified as follows

A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	
URL for feedback report	https://k%20Institution%20obtains%20feedback%20on%20the%20syllabus%2

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

1869

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

1678	
File Description	Documents
Any additional information	No File Uploaded
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

Karnatak Science College, Dharwad facilitates, proclaims, and shares knowledge with the students by adopting student-centric methods. Bridge courses are conducted compulsorily in respective subjects at the beginning of every semester to make them understand the concepts. Slow learners are identified based on their performance in Internal Tests and advanced learners are identified based on their Multi Talent and they are encouraged to participate in extra curricula. The students who could not attend tests due to medical illness or represent the college in various events were given another chance to perform.

Slow learners

Tutorial classes are mandatory and have been mentioned in the college timetable. They are taken as remedial classes to help slow learners to overcome their fear of tests. After each test and assignment, teachers address the difficulties/issues caused to the students personally. In participative learning, slow learners are encouraged to involve in subject-related discussions, seminars, and interaction sessions. Teachers guide the slow learners by taking extra care to improve their performance. Every Teacher connects the students via Whatsapp/Telegram app and puts constant effort towards the improvement of the slow learners.

Advanced learners

Teachers guide the Advance learners by providing .e-links (research gate) through which they can access reference books and inculcate research-oriented studies. They are motivated to participate poster presentations/small project works related to their subject and present them in Regional/National level workshops and conferences; and inter-collegiate competitions.

Students Counselling is done for both Slow and Advanced learners.

File Description	Documents
Paste link for additional information	%20The%20institution%20assesses%20the%20learning%20levels%2
Upload any additional	

information

2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
21	1

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Field visits, industrial visits, and visit to agro-based units facilitate better understanding of the curriculum. Students involve themselves in various competitions conducted within college and inter-collegiate events, workshops, conferences, cultural activities, etc.

Teachers use teaching aids such as graphs, maps, and models for effective teaching. Apart from these also use the traditional chalk and board method to convey the concepts effectively. The students are made to practice the diagrams related to histology, and physiology in life science courses. Curricular-based home assignments are assigned to them, exhaustive question-solving sessions are conducted, and they are asked to submit handwritten assignments with hand-drawn diagrams to enable them to enhance their writing and drawing skills.

The students are motivated and provided platform to organize events at the college level which develop leadership qualities, team building skills, and communication skills.

The students are encouraged to take an active part in Seminar, Workshops, National Conferences. The college takes approval from the university to provide financial assistance to the student participating/representing in National level fests or Competitions. The college encourages morally and intellectual support to the participating students by permitting the concerned staff members to accompany them in the event. This helps the students to achieve excellence.

The departments such as Botany, Chemistry, Geography, Physics, Microbiology, Industrial Fish and Fisheries, and Zoology assign small projects to the students to build research-related interest. Cultural events and quizzes are organized through college Gymkhana to harness their creativity and skills.

File Description	Documents
Upload any additional	

information	
Link for additional information	%20Student%20centric%20methods,%20such%20as%20experiential%

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

The college is well equipped with ICT-Facilities in 25 classrooms with LCD projectors, WiFi connectivity, FTH LAN etc. This facility is available in all the departments. Students find extensive learning experience through ICT-enabled classrooms, smart boards, audio-visual modes, and PowerPoint presentations. The teachers also use other platforms such as Google Classrooms, Zoom, Microsoft teams, and Youtube channels for additional information while teaching. Before engaging classes, students are educated about such platform, starting from how to join, how to access the resources materials. Every Teacher has a network of students via Whatsapp which will help to share necessary resource materials like short notes, e-books, e- PG Pathshala, Youtube links, etc. Teachers also bring curricular-related lectures through their own Youtube channel. As a result of this, few students have started their Youtube channels also, and this practice brings peer motivation and gain interest in academic matters.

The college has a provision for DTP works related to students' project works, multifunctional printers, copiers and browsing facility for filling online applications at the college premises with reasonable price. It is provided through outsource basis.

Youtube Channel

Dr. Shreedhar Dhumwad, -
<https://www.youtube.com/@shreedharddhumwad794>

Prof. Kalpana Dalawai, -<https://www.youtube.com/@kalpanadalwai8788>

Prof. Rajashekhar Baraker, -
<https://www.youtube.com/@rajshekharvbkarnatakuniver8084>

Google Classroom:

Dr. Rajeshwari Sanakal,
<https://classroom.google.com/c/NDQyNTU2Mjc3NDA1?cjc=5th3eaj>

Prof. Kalpana Dalawai, -
<https://classroom.google.com/c/MTUyOTk3NzA5Nzc5?cjc=mscmpxp>

Students' Youtube Channel:

Miss Shireen Kalburgi, <https://www.youtube.com/@shireenkalburgi21>

File Description	Documents
Upload any additional information	View File

Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File
---	---------------------------

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

88

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	View File
Circulars pertaining to assigning mentors to mentees	View File
Mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

2.4.1 - Number of full time teachers against sanctioned posts during the year

88

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

52

File Description	Documents
Any additional information	No File Uploaded
List of number of full time teachers with Ph. D. / D.M. / M.Ch. / D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

1122

File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience	View File

details(Data Template)	
------------------------	--

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

The College follows the rules and regulations of the university with respect evaluation process and reforms. Based on the University's Calendar of Events, college prepares its academic calendar well before the semester commences by the Committee. Adhering to the scheduled list of events, a common timetable for Internal Tests is prepared and notified to the students.

Each Semester has two internal (IA-1 & IA-2) and one Practical IA .The IA is conducted as per the schedule and the assessment is done by following a Continuous Internal Evaluation (CIE) system to maintain academic standards.

The assessment process includes:

- Setting of question papers at the Departmental Council.
- IAs are conducted and evaluated in respective departments.
- Evaluation marks are notified on the departmental notice boards and students are asked to reach out in case of any discrepancies in the marks. In case of any, it is resolved by the concerned staff members.
- Based on genuinity, any student has remained absent from the test, such student is asked to submit valid documents supporting absence. Such students are examined on another date with prior notice.
- No students areleft unattended. Teachers notify about the conduct of tests for the absentees through their respective WhatsApp groups and tests are conducted using a fresh set of questions adhering to the portion allotted for the said test.
- Soon after the test, the teachers identify the slow Learners and address their issues personally.

File Description	Documents
Any additional information	Vi
Link for additional information	https://kscd.ac.in/IQAC/:%20Mechanism%20of%20internal%20assessment%20is%20transparen

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time- bound and efficient

The college strictly adheres to the norms of Karnatak University, Dharwad, and conducts evaluations as per CIE within the scheduled timeline.The transparent process is done in the assessment of internal tests, and related grievances are redressed as follows;

- The IA marks of both theory and practical are recorded.
- The students are informed to visit their respective departments to cross-check their IA marks. In case of any discrepancies, it is brought to the notice of the concerned staff and will be addressed.
- If the student is not satisfied by the marks, he / she can bring it to the notice of Heads of the Department and the paper is reassessed by another staff member if required.
- Later the IA register is rectified by the concerned staff member and respective Heads of the Department and the data is uploaded to the Karnatak University online portal.

Components of Internal Assessment:

Under NEP 2020

Discipline Specific Core Course & Open Elective Course

Two internal assessments (theory) of 20 marks each (Finally reduced to 20 Marks)

One practical test for 25 marks.

Home Assignment for 10 marks.

Seminar for 10 marks

Choice Based Credit System

Two internal assessments (theory) of 20 marks each (Finally reduced to 20 Marks)

One practical test for 40 marks (finally reduced to 10 marks)

Non-CBCS

Two internal assessments (theory) of 20 marks each (Finally reduced to 10 Marks)

One practical test for 40 marks (finally reduced to 10 marks)

Home Assignments for 10 Marks

File Description	Documents
Any additional information	View File
Link for additional information	https://kscd.ac.in/IQAC/2021_22/020Mechanism%20to%20deal%20with%20internal%20examination%20%20bound%20and%20eff:

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

B.Sc**PROGRAM OUTCOMES****PO1:**

Enables the students to acquire the Knowledge of science and technology for the scientific solutions in societal and environmental contexts

PO2:

Ability to Create, selects, and applies appropriate techniques to understanding the concepts in every area of Science and scientific tempers

PO3:

The students ready to take up jobs in various sectors

BCA**PO1:**

Able to - Acquire skills and information of Computer, Information Technology, communication, organization and management.

PO2:

Get to learn programming languages such as C, C++, HTML, SQL, DBMS, Networking etc and create the software's.

COURSE OUTCOMES**Physics:**

Understand constrains, identify and apply different types of constrains in classical mechanical problem and calculate degrees of freedom in space point.

Chemistry

Periodicity in properties, and classify the elements .Define atomic radii, ionisation energy, electron affinity and electro negativity. Chemical Energetics and its various concepts on Thermodynamics.

Mathematics

The system of homogeneous and non homogeneous linear equations in m variables by using rank of matrix.

Zoology

The structure and function of the cell organelles, knowledge of the microscopic anatomy and structure of cells, tissues and understand the animal behaviour.

Botany

Understanding and appreciating the unity and diversity of microbes fungi and Lichens. Skill development for the proper description of internal structure using botanical terms.

BCA

Fundamental concepts and computer programming. To develop accounting ability of students. The basics involved in data representation and digital logic circuit, again on daily basis to work on modern operating system.

File Description	Documents
Upload any additional information	
Paste link for Additional information	%20Programme%20and%20course%20outcomes%20for%20all%20Progra
Upload COs for all Programmes (exemplars from Glossary)	

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

The institution offers UG, PG and Research Programmes in Science. Karnatak university designed curriculum is followed for these courses. The Programme and course outcomes are evaluated by the institution and the same is communicated to the students and also displayed in the college notice boards.

After measuring the attainment of Programme and Course Outcomes, it is observed that the student's strength, passing percentage, progression to higher studies and the ratio of placement is increased progressively.

The institution collected feedback from all the stakeholders for measuring the level of attainment of PO's and CO's and tried to take necessary steps. The mechanism for attainment is as follows:

1. The students understood the fundamentals of science education. An interdisciplinary approach amongst students has been developed. A sense of scientific responsibility, social and environmental awareness has been inculcated among the students.
2. The institute prepares the academic calendar and strictly adheres to it so as none of the events are left out.
3. Teachers complete their allotted syllabus before the end of the semester.

4. All the subject teachers prepared semester-wise evaluation reports, and the internal examination committee analyzed evaluation reports which have helped in culminating slow and advanced learners based on their performance.
5. Institute obtains the Feedback from the Stakeholders for the attainment of Programme Outcomes and Course Outcomes, which helps in enriching the curriculum and employability.
1. The Placement officer of our college invites various companies, entrepreneurs, start-ups, etc., to provide placement, as a result many students got selected

File Description	Documents
Upload any additional information	
Paste link for Additional information	%20Programme%20and%20course%20outcomes%20for%20all%20Progra

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

527

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	https://kscd.ac.in/IQAC/2021_22/CRITERION_II/%20Pass%20percentage%20of%20Students%20during%20the%20year

2.7 - Student Satisfaction Survey

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

<https://kscd.ac.in/SSS/SSS2021-22.pdf>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

27.75

File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects / endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

21

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year

04

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	No File Uploaded
Supporting document from Funding Agency	View File
Paste link to funding agency website	https://www.kud.ac.in

3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for

creation and transfer of knowledge

The following wings of the college (KSCD) enable a suitable ecosystem for both students and teachers.

1. **Research Council:** Our institution is a recognized research centre of Karnatak University, Dharwad (KUD). Twenty teaching staff members are the research guides for Ph.D. candidates, and they have successfully guided about 100 students for Ph.D.

2. **Science Association:** Science Association consists of all the departmental study circles and many innovative programmes, like science exhibitions and special lectures from eminent scholars are conducted.

3. **Gymkhana:** There are thirteen different departments of Gymkhana through which extracurricular activities, which include all kinds of sports and cultural activities are conducted.

4. **NSS & NCC:** N.S.S. conducted various activities in innovative ways. NCC wing of our college pays "Guard of honour" to the Principal and the Vice-Chancellor during National festivals.

5. **AKKA Ladies Association:** This is a very good platform for girl students to express themselves. Activities conducted by it are helpful to build the confidence in lady students studying in the college campus.

6. **Staff club:** Staff club of our college is a recreation centre for teachers.

7. **ICT:** College has provided all ICT facilities to all the departments which will enable the teachers to utilize online resources. Workshops and seminars are conducted using the available ICT facilities. Internet facility is provided to the staff, research scholars and students in every department.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://kscd.ac.in/Overview_Gymkhana.php

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

08

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	View File

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

32

File Description	Documents
URL to the research page on HEI website	https://kscd.ac.in/Research/research4423.pdf
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	No File Uploaded

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year

87

File Description	Documents
Any additional information	No File Uploaded
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year

04

File Description	Documents
Any additional information	No File Uploaded
List books and chapters edited volumes/ books published (Data Template)	View File

3.4 - Extension Activities

3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

Our college organizes about 20 extension activities in the neighborhood places to promote the students towards social responsibility leading to their overall development. The college has many student oriented wings like NSS, NCC, AKKA ladies Association, Science Association and Study circles etc. Through these wings, the college undertakes various extension activities in the neighbourhood community.

National Service Scheme (NSS):

NSS unit organizes seven days special camps in the nearby adopted villages where several special activities were carried out by the volunteers addressing social issues like cleanliness, plantation and Water harvesting and conservation. Also, Awareness programmes about events like road construction, Shramdan, Social interaction, Group discussion, Eradication of superstition, Beti Bacho Beti Padhao, Environmental awareness, Women empowerment and National Integrity are conducted in the neighborhood. During the NSS camps, experts from different fields are invited and arrange lectures for the villagers, in order to create awareness about burning issues.

National Cadet Corps:

College has an NCC unit under 24 KAR.BN.NCC Dharwad, which organizes various extension activities like Road safety awareness, Ekta daud for health, Save fuel save country programme, Swachhta Abhiyan, Blood donation camp, National equality and integrity awareness programme etc.

Science Association and Study Circles :

Science Association and Study Circles are the suitable platforms for shaping the overall development of students by way of conducting programmes on various themes related to Science. Seminars and workshops are conducted, to benefit both students and teachers.

File Description	Documents
Paste link for additional information	%20Extension%20activities%20are%20carried%20out%20in%20the%
Upload any additional information	

3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year

01

File Description	Documents
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Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	View File

3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.4.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

24

File Description	Documents
Reports of the event organized	View File
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

105

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

12

File Description	Documents
e-copies of related Document	View File

Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	View File

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year

05

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	No File Uploaded
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching-learning. viz., classrooms, laboratories, computing equipment etc.

The Campus area is 55 acres of land having natural landscape. There are 21 buildings in 33,000 Sq.Mtrs of built up area. The college has independent establishments with adequate physical and academic amenities for UG / M.Sc and PhD programmes.

- The classrooms (34), Seminar hall (8) are Technology enabled. There are 30 well equipped laboratories.
- There are 5 museums namely Botany Museum, Geology Museum, Zoology Museum, Geography Museum and Criminology and Forensic Science Museum.
- The college has a central library with a separate two storied building spanning over an area of 3440.52 square metres. Recently a 24 X 7 Library having spacious two reading halls is established.
- Kaveri girls hostel accommodates 500 students. The facilities include Mess hall, Reading room, TV room, solar water heater, 24x7 Security vigilance and other extracurricular facilities are also augmented. The boy's students are accommodated in Godhavari and Thungabhadra hostels.
- Independent units like The NSS, NCC, Grievance Redress Unit, Counseling and Career Guidance, Placement Unit, Health Centre, Canteen, Recreational spaces for staff and students, Auditorium, Alumni Association, A new commercial complex etc., are established.
- The electrical supply is by Karnataka Electrical Board (KEB), 03 Transformers (20 KV) installed by KEB and 04 Transformers

installed by the college. Solar energy panels installed with the capacity of 100 AH. The LED advantage is utilized. The water resources include Municipal Water and 07 bore wells.

- Apart main garden in the campus, each department is well maintained with Gardens and beautified surroundings around the premises.
- Adequate parking facility and Separate Wash rooms (09+08) for gents and ladies are facilitated.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://kscd.ac.in/IQAC/2021_22/CRI%20The%20Institution%20has%20adequate%20infrastructure%20and%20learning.pdf

4.1.2 - The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

- **CULTURAL ACTIVITIES**

There is a vibrant building like "Srijana Rangamandir" an Audio visual auditorium donated by the Alumni Sri.Nandan Nilekani. It has state of art infrastructure for conducting various cultural activities. There is separate Amphi theater with more than 550 seating capacity located beside main play ground.

SPORTS

The infrastructure for Sports includes the following resources required for conducting the State/ National and International level events. The following are the details of dimensions of play grounds and infrastructure. These includes

Particular

Area (in Sq.Mts)

Particular

Area (in Sq.Mts)

Standard Athletic Track

176x96

Cricket Ground

137.16x59.4

Football

100.16x64

Hockey

91.4x55

Handball

40x20

Netball

30.5x15.25

Basketball Court

28x15

Volleyball Court

18x 9

Throwball Court

18.3x12.2

Ball Badminton Court

13.4x6.1

Tenny Koit Court

12.2x5.5 Mtrs

Tennis Court

23.7x7

Kho-Kho Court

27x16

Kabaddi Men Court

12x8

Shuttle Badminton Court

13.4x6.1

The Gymkhana buildings includes office and Meeting rooms, Yoga ,Meditation Hall, Gym facility. The various departments under Gymkhana includes; Cultural activities, Yuvajanotsava, Sports, Cricket, Badminton and indoor games, Volley ball and Basket ball, Football and Hockey, Debate and Wall paper, Indian Games, Reading Room etc., The financial support is met with the fees collected from the students and is utilized for augmentation of activities of above said departments. The Government and private organizations

also conduct mega events /programmes in sports ground as per their requirements. The general public of Dharwad city including Senior Citizens youngsters, and alumnus and others use the play ground for walking and yoga.

File Description	Documents
Upload any additional information	
Paste link for additional information	https://1%20The%20Institution%20has%20adequate%20facilities%20for%20

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

22

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://kscd.ac.in/IQAC/2021_22/CRITERION_IV/4.1.3%20Number%20of%20classrooms%20and%20seminar%20halls%20witl%20enabled%20facilities%20such%20as%20smart%20class%20addit
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

38.44

File Description	Documents
Upload any additional information	View File

Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

- Dr. V. K. Gokak Central Library facility is a storehouse of knowledge hub to stakeholders and general public. The library has two storied building spanning over an area of 3440.52 square meters. It has huge collection of books, which include Text books, Reference books, Manuscripts and other Rare books, International/ National and reputed journals as well as magazines, and daily news papers. The working schedule is 8 am to 8 pm except Sunday and government holidays. A new building is constructed to work round the clock i.e., 24 x 7.
- The reading room accommodates 450 students. New Arrivals of books and journals are displayed periodically. There are more than 1.82 lakhs books, 24 Journals / Magazines, 93,809, e-books, 6,237 e- journals, Shodh Sindhu and Shodhganga to students and faculty members. The library has CCTV surveillance system, barcode scanner, printer, and audio-video unit are facilitated.
- The Central Library provides various services such as Issue and return of books, Assist in reference of journals, Access to e-journals, project reports and CD's ,to assist in OPAC facility for accessing the required books, Online access of the N-LIST facility, Assist in INFLIBNET ,ILMS facility like "ELIB" with 16.2 version.
- The computerized Catalogue Search Services for users through the On-line Digital Library and is equipped with 50 Desktops with Wi-Fi/LAN. It is enabled with 300 Mbps speed internet facility.
- Individual Departments of various subjects are providing library facilities in their respective fields. These libraries have good collection of books. These Departmental libraries are controlled by HODs of respective departments.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	<u>https://kscd.ac.in/IQAC/2021_22/CRITERIA%20Library%20is%20automated%20using%20Integrated%20Library%20Management%20System%20(ILMS)</u>

4.2.2 - The institution has subscription for the following e-resources e-

A. Any 4 or more of the above

**journals e-ShodhSindhu
Shodhganga Membership e-
books Databases Remote
access toe-resources**

File Description	Documents
Upload any additional information	No File Uploaded
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)

1.53

File Description	Documents
Any additional information	No File Uploaded
Audited statements of accounts	No File Uploaded
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

296

File Description	Documents
Any additional information	No File Uploaded
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

The College has three computer laboratories consisting of 130 computers with Internet connectivity. All the software as per the curriculum is installed. Digital library has been established with 13 computers and 04 computers are for the students of visual disability. ELIB and OPAC software are in practice. Smart class rooms, furnished with ICT. The college website www.kscd.ac.in is updated time to time.

IT- PARTICULARS

STATUS

Computers with configuration.

130

Computer student ratios

1:9 (BCA & B.Sc (C.S)

LAN facility & Wi-Fi facility

Yes

Licensed software

Yes

Digital Library

ELIB and OPAC

Internet

300 Mbps

CCTV

28

Class rooms/ Seminar Hall with ICT

LCD ,LAN/Wi-Fi

Public address system

Amplifier, Sound system etc.,

Room number or Name of classrooms/Seminar Hall with LCD / Wi-fi / LAN facilities

B1 and B2, BCA1, BCA2, BCA3, BCA4 and BCA5, C1, C2, C3 and C4, C2, Lombroso and Southerland, C2, G4 and G5,79,G1, G2, G3, G4, G5 and G6,Z4, Z2, D1 and Fishlab with LCD, P1, P2 and P3, Z1 and Z2,B1, C5,LH2 and new PGbuilding:PG1 and PG2 and P1 and P2

Type of ICT facility

Classrooms /Department

LCD

Smart class

BSNL FTH-LAN/Wi-Fi

B1

Yes

Yes

BCA-1 (BCA/ B.Sc)

Yes

BCA-2& BCA-3

Yes

BCA-4 & BCA-5

Yes

Yes

C1

Yes

Yes

Yes

C2, C3, C4 & C5 (PG)

Yes

Yes

Lombroso

Yes

Yes

Southerland

Yes

Yes

Yes

79 ,G6 ,Z4

Yes

Z2

Yes

Yes

P1

Yes

Yes

Yes

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://kscd.ac.in/IQAC/2021_22/CRITERION_IV/4%20Institution%20frequently%20updates%20its%20IT%20facilities%20(3).pdf

4.3.2 - Number of Computers

130

File Description	Documents
Upload any additional information	No File Uploaded
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the InstitutionA. \geq 50MBPS

File Description	Documents
Upload any additional Information	No File Uploaded
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure**4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)****4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)**

426.5

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers,

classrooms etc.

The General cleaning works are assigned to the team of contract labors controlled by GAD of the University. Furniture and Fixtures are maintained as per the guidelines of the University. Maintenance of AC systems, Water coolers, glass fittings is outsourced, and plumbing by the Resident Engineer section. Repair of Instruments, Equipments is managed by the concerned technicians inviting from the respective service providers. The college made various committees. These committees strives to streamline the smooth functioning of the institutional Physical, Academic, Extracurricular activities to the ultimate satisfaction of the stake holders.

PARTICULARS MAINTAINED BY CLASSROOMS The secretarial staff and personnel of the external agency appointed by the University.
ELECTRICAL There is an Annual Maintenance (AMC) for the maintenance of the ICT facilities. The electrical maintenance is done by building dept.
SPORTS COMPLEX The Physical Director of the College is the custodian of all these sports facilities he takes care of the maintenance of all these facilities.
LABORATORIES Annual maintenance of the instruments is done by the Laboratory Assistants. Technical aspects by Service engineers through outsourcing.
LIBRARY Maintenance of the books is done by fumigation in order to avoid attack by insects and fungus. Dry environment is created near the book shelves through electric heaters. College has made a Library Advisory Committee to execute and supervise the library functioning and its maintenance.
COMPUTERS Maintenance and support selected firm, engaged by AMC agreement made by the University.

File Description	Documents
Upload any additional information	
Paste link for additional information	https://ks...%20There%20are%20established%20systems%20and%20procedures%20laboratory,%20library,%20

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

1935

File Description	Documents
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Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

12

File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non-government agencies in last 5 years (Date Template)	View File

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills

B. 3 of the above

File Description	Documents
Link to Institutional website	https://kscd.ac.in/IQAC/2021_22/C%20Capacity%20building%20and%20skills%20enhancement%20init
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

297

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

297

File Description	Documents
Any additional information	View File
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

C. Any 2 of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	View File
Details of student grievances including sexual harassment and ragging cases	View File

5.2 - Student Progression**5.2.1 - Number of placement of outgoing students during the year****5.2.1.1 - Number of outgoing students placed during the year**

105

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File
Details of student placement during the year (Data Template)	View File

5.2.2 - Number of students progressing to higher education during the year**5.2.2.1 - Number of outgoing student progression to higher education****152**

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	No File Uploaded
Details of student progression to higher education	View File

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)**5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year****11**

File Description	Documents
Upload supporting data for the same	View File
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

5.3 - Student Participation and Activities**5.3.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one) during the year****5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.****09**

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

Gymkhana: The College has a gymkhana with nine departments to promote the sports and extracurricular activities. Student secretaries are selected for these departments on the basis of merit cum roster and their experience in sports skills. The Physical and cultural Instructor, Secretaries and Chairperson select the cultural and sports teams to participate in the College, the University, National or International level.

Anti-ragging cell: College has an active anti-ragging cell with teachers and student representatives. Once in a month student's representative and concerned teachers meet and overview the issues if any.

Alumni, Parents meets and Placements: Consist of Student representatives who help in coordinating and maintaining all the events in the college.

IQAC: IQAC committee consists of two student representatives along with the teachers. These students help in conducting the IQAC initiative events.

College Magazine and Study Circles: The College publishes a magazine namely "VARNASAPATAKA". It is managed by a team headed by one of the staff member as Chairperson and two students' as secretaries. The student's representatives assist the editorial board. Each department consists of the study circle and one of the staff member and student's representative as chairman and secretaries respectively. All the activities of the department are conducted by the study circle with the help of student representatives.

Student's counseling: College has a counseling committee with Teacher and two student representatives. The counseling activities are conducted and coordinate by the students representative and concerned teachers.

File Description	Documents
Paste link for additional information	https://kscd.ac.in/IQAC/%20Institution%20facilitates%20students%E2%80%99%20representative%20and%20extracurricular%20and%20extracurricular
Upload any additional information	Vi

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

61

File Description	Documents
Report of the event	View File
Upload any additional information	View File
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

The college has a registered alumni association, named as 'Karnatak Science College Alumni Association, Dharwad' (KSCAAD). It was established on 13th February, 2009 (Registration No. DRZ/SY/313/2008-09). The main objectives of the association are as follows:

- College conducts the Alumni meet twice in a year.
- In addition to the Alumni Meet college organizes functions for alumni of the college to reunite them at the college campus.
- Suggestions are invited from the alumni for the up gradation of the college infrastructure, syllabus, student friendly environment and campus beautification. These suggestions are considered and followed by the college and University authorities, for the development of the college.
- Encourage the alumni to come forward and contribute to the development of the college.
- Arrangement of motivational speeches for the students by the alumni.

File Description	Documents
Paste link for additional information	%20There%20is%20a%20registered%20Alumni%20Association%20tha
Upload any additional information	

5.4.2 - Alumni contribution during the year (INR in Lakhs)

E. <1Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

VISION:Karnatak Science College, Dharwad is the PremierEducational Institution which plays a vital role in the socio-economic progress of the region, state and the country in a sustainable manner.

MISSION

- To blossom into a renowned Institution.
- To empower the youth through quality and value-based education.
- To promote professional leadership and entrepreneurship.
- To achieve excellence in all its endeavors to face global challenges.
- To provide excellent teaching and research ambience.
- To build network with global Institutions of Excellence, Business, Industry and Research Organizations.
- Designing action plan to meet out physically challenged persons, slow learners and rural area students.
- To contribute to the knowledge base through Scientific enquiry, Applied Research and Innovations.

Governing Council

As it is a constituent college of Karnatak University, the Governing Council consists of the following members:

Hon'ble Vice-Chancellor, Karnatak University, Dharwad as a Chairman, Registrar, Dean, Student welfare officer, one Syndicate member, two Senior Associate Professors and One Senior Assistant Professor of the institution are the members and the Principal of the College acts as a Secretary.

The Principal executes the administration and academic process. The governing council ensures proper functioning and adherence to the policies, rules and action-plans of the college.

There are various committees which will help in order to achieve the vision and mission of the college.

Academic policies are framed in the HOD's meeting and are effectively implemented and frequently assessed. The Principal continuously monitors the teaching - learning activities of the class rooms and laboratories.

File Description	Documents
Paste link for additional information	https://ks%20The%20governance%20of%20the%20institution%20is%20reflect
Upload any additional	

information

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

Institution always believes in the practices of decentralization and participative management. The Institution enhances the quality at various levels - Administrative, Management, Governing Council, Principal, IQAC, Various Committees, administrative Staff, NCC & NSS Coordinators and all the other stakeholders involved in the decentralization and participative management.

Management:As the college is a constituent college, it is managed by the Hon'ble Vice Chancellor, Registrar, Syndicate, Academic Council, Finance Officer, Principal, Heads of the Departments, Teaching and Administrative Staff. The management endeavors to provide the best possible and substantial independence to the teaching, administrative staff, HODs of various departments.

Administration:The Policies and the Programmes are administered by the authorities of the Karnatak University. The Financial affairs are administered by the Principal, HODs and Finance Officer of the University.

Faculty Members: Faculty members are also responsible for implementation of academic policies and programmes. The college has a mentoring system i.e., a group of students (20) are allotted to a teacher, who guide and takes care of all the curricular and co-curricular activities.

Administrative office staff:They are support and assist to the Principal in implementation of academic and administrative activities.

File Description	Documents
Paste link for additional information	https://www.naac.gov.in/public/index.php/hei/generateAqar_HTML_wei/MjE0Nzk=
Upload any additional information	

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Strategic Plans:

- To prepare Calendar of Events for each academic year.
- To arrange Induction Programme for newly joined students.
- To prepare AQAR report.
- To prepare Academic and Administrative Audit report.
- Action plan to meet the Vision and Mission of the college.

- To conduct webinars on subject wise and multidisciplinary subjects and skills and value based subjects to enhance the proficiency of the students and the staff.
- To invite entrepreneurs for placement drives.
- To conduct extension activities under the banner of NCC and NSS.
- To organize Training Programmes for the benefit of the faculty and the students.
- To Motivatthe UG and the PG students to qualify Competitive Examinations.
- To focus on high quality research from the faculty members and scholars.
- To promote heterogeneity and demographical diversity in admission of students and recruiting faculty members which will help in national exposure to grow and evolve.
- To nurture innovation, creativity, research and development, exchange of ideas, freedom for students and faculty to think and evolve for the betterment of oneself and the Institution.
- Plan to undertake best practices like "Seed dibbling" during study tours.

Deployment:

- To maintain academic excellence, empowerment and welfare of student are kept in mind while formulating strategic plane.
- Deployed events are - advance preparation of calendar of events, Induction programme, Cyclic AQAR reports, AAA, various events organized by IQAC/NSS/NCC/various departments/Committees etc.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://kscd.ac.in/IQAC/2021_22/CRITERION%20The%20institutional%20Strategic%20perspective%20plan%20i
Upload any additional information	No File Uploaded

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

Organizational structures

Karnatak Science College, Dharwad is a Constituent College of Karnatak University, Dharwad was established in 1958. The college

has its own Governing body and functions according to the University administration.

Governing bodies:The structure of the Governing body is constitute of the Vice-chancellor, Registrar, Syndicate members, Director for Student Welfare Office, Principal, Associate Professors and Senior Assistant Professors.

Administrative setup:

Principal of the college implements and executes the rules and regulations set by the Karnatak University to achieve its Goals, Vision and Mission of the Institution. At the college level administrative hierarchy is headed by the Principal, followed by the HOD's and non-teaching staff. The formal organizational structure of the library consists of Librarian, Assistant Librarian and other subordinate staff.

Procedure for recruitment:

Permanent teaching and non-teaching posts are filled by the University as per the UGC and KCSR rules. The approved posts are advertised in leading daily newspapers, college websites by inviting the applications from the eligible candidates. The candidates are selected on the basis of merits cum roaster and approval is taken from the syndicate and appointment orders are issued. Teaching Assistants / guest faculties are appointed by the University for the Remaining Workloads. Promotion of permanent Teaching staff is made through Career Advancement Scheme.

Service rules: The service conditions of the permanent teachers, including appointments and promotions are regulated by Karnatak University, Dharwad as per the rules and regulations stipulated by UGC and Government of Karnataka.

File Description	Documents
Paste link for additional information	%20The%20functioning%20of%20the%20institutional%20bodies%20
Link to Organogram of the institution webpage	
Upload any additional information	

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts

A. All of the above

Student Admission and Support Examination

File Description	Documents
ERP (Enterprise Resource Planning) Document	View File
Screen shots of user inter faces	View File
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

The College effectively implements different welfare schemes for its teaching and non-teaching staff. The college makes arrangements for the staff members to avail the various Government financial schemes such as Gratuity, Pension, Commutation, EL encashment, Maternity & Paternity Leave, Medical Facility, Sabbatical Leave, On Duty Leave with Financial Assistance to attend Conferences, Faculty Development Programmes (FDPs), Orientation, Refresher and Short Term Courses, Summer Schools. Interest free festival advance for celebration of festivals is also offered. There is a provision for Government Provident Fund for all the staff. Death-Cum-Retirement Gratuity (DCRG), Commutation of Pension, and Earned Leave Encashment facility, Group Insurance schemes for staff members, Advance increments after earning Ph. D. Degree, reimbursement of medical expenditure such essential provisions are available. A Cooperative Society with a provision of loans to employees and teachers at subsidized rate is operational on the campus. Regular Carrier Advancement Scheme facility is made available to the eligible staff members, Compassionate job facility to the dependent of the employee in the event of demise of a staff member is also provided. Other benefits are- Wi-Fi facility for both teaching and non-teaching staffs; Free Health Care services and medicine for staff and Staff quarters facilities are available for the teaching and non-teaching staff of the college; within the campus, banking facility and Sports Gym facility is also made available for the teaching and non-teaching staff.

File Description	Documents
Paste link for additional information	https://kscd.ac.in/IQAC/2021_22/CRITERION%20The%20institution%20has%20effective%20welfare%20measures%20teaching%20staff%20updated.p
Upload any additional information	View File

6.3.2 - Number of teachers provided with financial support to attend conferences/

workshops and towards membership fee of professional bodies during the year**6.3.2.1 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year**

03

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year**6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year**

05

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)**6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year**

07

File Description	Documents
IQAC report summary	No File Uploaded
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

The institution has adopted two types of appraisal scheme viz. Performance Based Appraisal System (PBAS) and Self-Appraisal Report suggested by UGC.

- Performance Based Appraisal System (PBAS) comprises of various criteria such as teaching, learning and evaluation strategies, research and extension & consultancy activities.
- The PBAS report provides information about Annual performance of the faculty based on their academic, research, extracurricular and administrative activities. This format [PBAS] is filled by the employee in some given prescribed pro-forma.
- The Pro-forma consists of two parts namely Part- A and Part-B.
- Faculty members submit a "performance based appraisal system (PBAS)" as per the UGC guidelines. This system encourages them to perform effectively in research, teaching and learning.
- Performance appraisal is a systematic general and periodic process that assesses an individual employee's work performance and productivity in relation to certain pre-established criteria and organizational objectives.
- A "good performance" management system works towards the improvement of the overall organizational performance of teams and individuals for ensuring the achievements of the overall organizational mission and vision.
- The format contains twomain parts. The first part is part-A, it concerns General instruction, Teaching activities, Research Activities, Contribution to Books, Laboratory manuals, etc., Work done for the University other than teaching and research, Extension/or Consultancy work.
- The Part-B consists of Students feedback, Assessment by the Head of the Institution and last part of the same covers remarks by the Hon'ble Vice-Chancellor of Karnatak University, Dharwad.

File Description	Documents
Paste link for additional information	https://kscd.ac.in/IQAC/2021_22/CRITERION_VI/6%20Institutions%20Performance%20Appraisal%20System%20for%20%20teaching%20staff.pdf
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

The institution conducts internal and external financial audits regularly .

- The college maintains the finance accounts systematically and regularly. Since the college is a constituent college of Karnatak University Dharwad, the University Account section under the leadership of Finance Officer prepares the budget allocation under various heads to each department. Heads of the Dept. spend the amount as per the University rule and submit the bills.
- The college accounts are audited regularly. A team of Government auditors visits the college annually and audit the expenditure made under each budget head of the college office and individual departments. The proper utilization of funds allocated for the research schemes by different funding agencies are also checked by Auditors or Chartered Accountants. After the submission of the Audit Report by the Auditors, objections if any are immediately addressed during the reconciliation by the Auditors from Accountant General, Government of Karnataka. The audit for the financial year 2021-22 by the Government auditors is yet to be taken up.

File Description	Documents
Paste link for additional information	%20Institution%20conducts%20internal%20and%20external%20fin
Upload any additional information	

6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers during the year (not covered in Criterion III)

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

00

File Description	Documents
Annual statements of accounts	No File Uploaded
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	No File Uploaded

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

The institution mobilizes the funds from various sources like, fees collection from the students, Salary grant from the Government, Development and maintenance grants from UGC. Details of these financial sources are as follows:

1. Fees: Fees charged as per the University and Government norms from students of various granted and self- financed courses.

2. Salary Grant: The College receives salary grant from the State Government. For this, an annual budget of the estimated salary grant is prepared and sent to the state government. This grant includes salaries of the Full Time Permanent teachers and non-Teaching staff as well as Part-time Teachers working on granted posts.

3. UGC Grants: The college is under 2F and 12B as per UGC Act and Permanent Affiliation of the University. College receives grants from the UGC for the development and maintenance of the infrastructure, and upgradation of the Learning Resources and Research (including grants for Minor and Major Research Projects).

4. Research grants: Majority of the staff members are the research guides, who have been recognized by Karnatak University, Dharwad and are actively involved in research activities. Many of them have applied and got sanctioned major and minor research projects by the Govt. and non-Govt. funding agencies like: DST, SERB, KUD etc. Apart from this, KUD also has sanctioned Seed money Grant for 08 staff members; they have been provided a sum of Rs. 50,000/- each for carrying their research. Total of 4,65,000/- (Rupees Four lakhs and Sixty-five thousand) was provided by the Karnatak University, Dharwad under Seed grant Money Project.

File Description	Documents
Paste link for additional information	https://kscd.ac.in/IQAC/2020Institutional%20strategies%20for%20mobilization%20of%20f
Upload any additional information	View

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

IQAC has contributed significantly in the following areas:

1. IQAC initiates the Academic and Administrative Audit through: College takes academic audit of each department, office, library, hostel, and health center every year through IQAC. The expert committee submits its evaluation report to the Principal and the IQAC. The same is placed before the HOD's in a meeting, for suggestions and approval. The IQAC in turn strives to implement the suggestions made by the AAA committee in its report.

2. Implementation of Green practices in the campus: The IQAC has initiated various green practices such as - Plantation, paper-less office through e-governance, strives to maintain plastic free

zones, keeping clean and green campus, saving electricity by the way of installing solar panels. Because of these practices, eco-friendly and pollution free environment is created in the college campus. The college practices green auditing through carbon sequestration, which indicates the vegetation density.

3. Other IQAC initiatives: The IQAC organizes inter and intra institutional workshops, seminars on quality related themes and promotion of quality circles. It prepares Annual Quality Assurance Report (AQAR) as per the guidelines and parameters and submits it to the NAAC. The IQAC reports are periodically circulated amongst the stake holders for suggestions and feedback. The reports are also uploaded in the official website of the institute. It facilitates the students to pursue special internship at reputed academic institutions. Encourages usage of ICT facilities and organizes Induction programmes, Academic Development Programmes, Placement Drive, Assessment of teacher's performance etc.

File Description	Documents
Paste link for additional information	%20Internal%20Quality%20Assurance%20Cell%20(IQAC)%20has%20c
Upload any additional information	

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

To enhance the effectiveness of teaching & learning for student employability including Project based Learning, Self-Learning, Students Seminars, Industry Assisted Project Work and Peer assisted Learning are introduced. Project based learning is introduced for better understanding of the concept and to enable the students to apply their knowledge in real time.

Academic calendar is prepared in advance, displayed and circulated in the institute. Admission to various programmes, examination schedule and other academic related components are mentioned in the Academic Calendar. All the newly admitted students have been properly guided in the Induction Programme, in which they are made aware about the learning campus environment, the teaching learning process, the system of continuous evaluation, various co-curricular activities, discipline and culture of the institute. All the students are made familiar of the campus and the various facilities. Students are notified about the Time-Table, Programme structure, and syllabi of the courses at the beginning of the semester. Important announcements are made in the morning assembly and attendance and conduct of classes are monitored by the Principal. Feedback from students is taken in virtual mode by IQAC. Students are also free to approach the Principal for feedback and suggestions. The Feedback is properly analyzed and shared with the

Principal and staff members for necessary changes, strategies and actions. The teaching-learning processes are reviewed and suggestions are implemented, based on the IQAC recommendations.

File Description	Documents
Paste link for additional information	https://kscd.ac.in/IQAC/2021_22/CRITERION_VI/6.5.2%20%20The
Upload any additional information	

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://kscd.ac.in/IQAC/2021_22/CRITERION_VI/6.5.3%20Annu
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution	View File

(Data Template)	
INSTITUTIONAL VALUES AND BEST PRACTICES	
7.1 - Institutional Values and Social Responsibilities	
7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year	
<p>As per the institute's vision and mission, the institute is providing equal opportunity for all the students and staff to augment gender equality.</p> <ul style="list-style-type: none"> • Student Secretaries are selected for GYMKHANA activities based on their merit cum roaster rather than gender. This method removes the disparity among the male and the female students. • SNEHA CELL provides support and address female student's grievances and maintains contact and encourage students to approach the faculties in case of any distress to get counsel. • NSS and NCC: Equal opportunity for both male and female students is provided for enrolment (50% each for of male and female). • Surveillance: The institute has 24x7 securities. The security guards (Male &Female) are placed at all the gates, critical junctures and hostels. High tech CC cameras are installed in the prime areas which enable the girl students to have free movement and use of 24x7 reading room facility available on the campus. • Hostel facility: The institute has two hostels for girls. The campus also houses the state run BCM girl's hostel on the campus. All these facilities provide ample scope for girl students to acquire higher education. • Medical facility: The institute has health centre for the students and the faculty with dedicated doctor and supporting staff. As the students prone to anxiety, stress, and pressure; availability of a health centre overcome such type of health issues. 	
File Description	Documents
Annual gender sensitization action plan	<a :"="" href="https://kscd.ac.in/IQAC/2021_22/CRITERION_VII/7.1.1%">https://kscd.ac.in/IQAC/2021_22/CRITERION_VII/7.1.1%":
Specific facilities provided for women in terms of:a. Safety and security b. Counseling c. Common	<a :"="" href="https://kscd.ac.in/IQAC/2021_22/CRITERION_VII/7.1.1%20Spec">https://kscd.ac.in/IQAC/2021_22/CRITERION_VII/7.1.1%20Spec":

Rooms d.
Day care
center for
young
children e.
Any other
relevant
information

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment

B. Any 3 of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	No File Uploaded

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

The institute does not produce any significant hazardous waste material as precautions have been initiated to produce minimum waste and recycle it in the institute.

The solid materials like papers, food stuff, plastics, glasses etc., are segregated as wet waste, dried waste, and solid substances (Bio degradable and non-biodegradable).

The biodegradable solid waste substances are used to make organic fertilizers and used to maintain gardens in various departments. The plastic, glass and non-biodegradable substances are put it into designated place. The authorized people usually hired on the contract basis (Hubli-Dharwad Corporation) collect the solid wastes from the designated places

Liquid Waste: The sewage water generally does not contain any hazardous substances and is let into the drainage system. The laboratory liquid waste (Chemistry, Zoology, Microbiology, Bio-technology) Or if any experiments contain toxic substances, alternate chemicals are used, and in case of use of mild hazardous substance, it is neutralized in the laboratory (by adapting Standard Operating Procedure) and flushing water sufficiently .

e-Waste Management:

All electronic e-waste materials like memory chips, motherboard, cartridges, computers, printers, Fax, compact discs, floppy etc. generated by the Computer Lab, Electronics Lab and Physics Lab are collected centrally and sent to the university (for the Institute is part of the university).

Hazardous Chemicals and Radioactive Waste Management: No such waste is generated

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

B. Any 3 of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	No File Uploaded

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

- 1. Restricted entry of automobiles**
- 2. Use of bicycles/ Battery-powered vehicles**
- 3. Pedestrian-friendly pathways**
- 4. Ban on use of plastic**
- 5. Landscaping**

A. Any 4 or All of the above

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File

Any other relevant documents	No File Uploaded
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7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following
1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities

C. Any 2 of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	No File Uploaded
Certificates of the awards received	No File Uploaded
Any other relevant information	No File Uploaded

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

A. Any 4 or all of the above

File Description	Documents
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Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	No File Uploaded
Details of the Software procured for providing the assistance	No File Uploaded
Any other relevant information	No File Uploaded

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

The institute upholds its visions and shows the tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities.

Cultural events: The institute organizes cultural programs under the banner of Gymkhana and also participates in such events organized in other colleges/Universities/State level to promote students talent and appreciate the cultural diversity of India. Apart from the cultural competitions "Yuvajanotsava" is also organized annually. The College has specific courses which attract the students from various states and regional and cultural backgrounds generally participate in cultural programs and represent their geographical/regional culture.

Regional : The programmes related to regional harmony are regularly celebrated in the institute viz., Dasara (state festival), Ganesh Chaturthi and Basava Jayanti.

Linguistic diversity: The institute is known for offering different languages of India viz., Kannada, Marathi, Hindi, Sanskrit etc. and also foreign language French. This facilitates to conduct different essay competition in different languages.

Communal Socio-economic: The institution follows the Karnatak University and Government Norms. The NSS volunteers observe "Sadbhavana Diwas", and take the oath to promote national integration, and communal peace and harmony among people of all religions, languages and regions. The NSS unit has conducted many social welfare programmes like distributing face mask, creating awareness about hygiene, Vaccination Drive etc. The NSS volunteers are exposed current issues/problems present in the society by conducting special camp every year in the village.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	No File Uploaded

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

The college curriculum is framed with courses like "Introduction to Indian Constitution" and "Philosophy of Human Rights" as a small step to inculcate constitutional obligations among the students. On the Occasion of regional festivals like Independence Day, Republic day and Kannada Rajyostava day the Principal addresses the gathering and inspires students and staff by informing them about the qualities of freedom fighters, and emphasizing the duties and responsibilities of citizens.

The College practices the Code of conduct for students and staff, and everyone should obey the conduct rules. The institution takes pride of raising up successful leaders among the students by selecting students on the basis of their results as student representatives for Science Association, different study circles, College Miscellany and College Gymkhana. The selected student representatives are given the oath to be abide by the rules and regulations. The institution conducts awareness campaigns, organizing orientation programmes, training programmes, seminars and workshops to sensitize the future leaders to inherit human values and coping with the constitutional obligations. Ethical Values, rights, duties and responsibilities of citizens are some of the topics that are enlisted in Elocution and Debate activities. Various departments of the institution and the NSS unit are actively involved in conducting several activities for inculcating the necessary values among students. Some of the activities like Creating awareness on Covid-19, Constitutional Day, Anti Tobacco, Blood Donation, Van-Mahotsav day etc, .

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://kscd.ac.in/IQAC/2020Sensitization%20of%20students%20and%20employees%20of%20t
Any other relevant information	https://kscd.ac.in/IQAC/2020Sensitization%20of%20students%20and%20employees%20of%20t

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is

A. All of the above

displayed on the website
 There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View File
Any other relevant information	View File

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

The Institution celebrates the following special Occasions fruitfully.

Independence and Republic Day: Institution celebrates Independence and Republic Day on 15th August and 26th January. The campus gets into celebration mood and at the same time remembers the sacrifices of the individuals/martyrs.

Martyr's Day: The Institute observes the Martyr's Day on 30th January. On this day great leaders who have sacrificed their life for getting freedom for our country are remembered.

International Water Day: The NSS volunteers celebrate International Water Day on 22nd March. A Special Lecture was arranged to spread awareness about importance, measures and conserve water for future generation.

International Yoga Day: Yoga Day is successfully observed on 21st June every year. On this day, students and teachers perform Yoga.

Teacher's Day: Institute celebrates Dr. Sarvapalli Radhakrishnan's birth day as Teacher's Day on 5th September.

Besides college also celebrates / organizes national and international commemorative days, events and festivals

Swami Vivekananda Jayanti-January 12th National Science Day-February 28th

Environmental Day-March 6th International Woman's Day-March 8th
 Dr. B.R Ambedkar Jayanthi-April 14th Basava Jayanthi-May 14th
 Anti-terrorism Day-May 21st Sadbhavana Diwas-August 20th etc.
 Gandhi Jayanti-October 2nd Maharshi Valmiki Jayanti-October 28th
 Rashtriya Ekta Diwas -October 31st Karnatak Rajyotsava-November 1st
 Constitutional Day- November 26th Kanakadasa Janyanti-November 30th
 etc, .

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	No File Uploaded

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

The students are inspired to inculcate new and innovative ideas by interacting with emirates Professor, who are working in the cutting edge research and developments.

Context: All the departments have "study circles", where research and development activities arranged.

Madam Curie Study Circle arranged lecture on Processing Technology. Dr. Shivakumar Angadi, was the resource person. Chemistry students were taken to PEPSI Co-limited where students able to see how a small piece of plastic/fibre takes a shape of different sizes of bottles.

Forensic Science and Criminology department students were taken to the Sub-Urban Police Station, Dharwad, to experience the structure, organization, working, administration and function of police station.

The Department of Physics in association with the Indian association of Physics, encouraged the students to appear for National Graduate Physics Examination.

Zoology department students were encouraged to take up research on bio-re-medication encouraged to in Indian Young Innovators and Inventors Challenge (IYIIC).

Best Practice II

Environment Preservation and Protection and to work in the direction of SWATCH BHARAT ABHIYAN

Context: The NSS unit, conducts many programmes on environmental protection. On Environment Day, the institute had organized a webinar on 5th May, Dr. Rajesh Gani from Mangalore University was the resource person delivered on "Protection of Environment from Pollution". The NSS unit successfully worked towards creating awareness through conduct of various programmes on the "Clean and Hygienic Environment"

File Description	Documents
Best practices in the Institutional website	https://ks
Any other relevant information	https://ks %20Describe%20two%20best%20practices%20successfully%20imple

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

Karnatak Science College is a constituent college of Karnatak University and recognized as a research centre due to its prolific contribution to the research domain. This college is not only known for its high standard of academic performance but also distinct in the field of high quality Research and Development. The teachers are involved in the research work on par with the university teachers.

The research is not limited to the basic science alone, the faculties are involved in interdisciplinary and multidisciplinary research. Twenty one faculty members are recognized as research guides and are actively guiding Ph.D. students. Twelve teachers are sanctioned major and minor research projects funded by DST-SERB, UGC, VGST. Recently Karnatak University has sanctioned small research project to six staff members. On an average 40 research articles are published in reputed international/ national journals every year. The staff members have h-index ranges from 3 to 14 and the world class journal impact factor from 0.35 to 9.74. Every year our teachers produce 5-8 Ph.D students. This information is unique in the college which reveals that this Institution's thrust area is Research and Development in addition to teaching and learning.

Year

No.of Publication

Number of Students Registered for Ph.D

No.of Ph.D awarded

2018-19

56

12

2019-2020

49

5

2020-2021

57

24

2021-2022

89

21

Average Publications

62

20

File Description	Documents
Appropriate web in the Institutional website	View File
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

Preparation of Calendar of Events Committee will be prepared
College calendar of events.

Induction Programme will be arranged for newly admitted students to inform about the available facilities and staff members.

Strengthening the e-Governance: To keep a continuous record of academic and administrative information and process the data related to the students progression e-Governance will be strengthened.

Strengthening environment and energy initiatives: Green audit, Energy audit, Environmental audit will be done at regular intervals.

Conducting many Add on /Certificate programs so that the students will develop their confidence in their area of interest and gain a Competitive Edge in Future endeavors.

Promoting teachers for e-content development- Faculty members will be encouraged to develop e-content in their respective subjects and upload the same to website/ you Tube.

Society oriented extension programmes will be undertaken by applied courses like Biotechnology, Genetics, Microbiology, etc. at nearby villages so that rural society will be benefitted from such programmes.

Conduct of training / conferences / seminars /workshops/symposium for updating and understanding new concepts/ ideas/technology of the respective courses such activities will be arranged.

Office staff automation program will be arranged for non- teaching staff of the college pertaining to UUCMS/ e- Governance

Conducting placement drive : Placement drive will be conducted by inviting professional/local bodies, NGO's and Govt. Organizations.

Submission of AQAR: AQAR of the college will be prepared in time and submitted within the deadline specified by the NAAC.