YEARLY STATUS REPORT - 2022-2023

Part A

Data of the Institution

1.Name of the Institution   KARNATAK SCIENCE COLLEGE,DHARWAD

- Name of the Head of the institution   Dr. M.S.Salunke

- Designation   PRINCIPAL

- Does the institution function from its own campus?   Yes

- Phone no./Alternate phone no.   0836221510

- Mobile no   9448861528

- 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/AQAR/AQAR_2021-22_H.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/calendarofevent2023.pdf

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**B**	**3 star**	**2000**	**12/10/2000**	**11/11/2005**
Cycle 2	**A**	**3.26**	**2009**	**26/09/2009**	**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 with duration	Amount
Department of Botany	Naming the Plants of Karnatak University Campus, Dharwad with QR Code, Karnatak University, Dharwad	Karnatak University ,Dharwad	2022- 1 Year	65,000/-
Department of Chemistry	Grant for Research Excellence(GRE)	Department of IT,Bt and S & T ,Government of Karnataka	2022-23 to 2023-24(2 Years)	4000000

8.Whether composition of IQAC as per latest NAAC guidelines   **Yes**

- Upload latest notification of formation of IQAC   View File

9.No. of IQAC meetings held during the year   **4**

- Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?   **Yes**

- If No, please upload the minutes of the meeting(s) and Action Taken Report   No File Uploaded

10.Whether IQAC received funding from any of the funding agency to support its activities during the year?   **No**

- If yes, mention the amount

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

* 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 1st December 2022 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 on the campus, facilities available, responsibilities of the students, different cells in the college to monitor the students' academic progress, Health centre facility, Banking facility, NCC, NSS, Gymkhana facilities, Students Welfare Committee, Placement cell and code of conduct etc. In all 318 students were participated in this event and this event proved to be an informative and inspiring event for newly admitted students. * State-Level Debate Competition: IQAC in association with the Student Welfare Office of the college organized State level debate on the topic "IS INDIA HARNESSING ITS YOUTHS TO BECOME A SUPERPOWER BY 2035" on 19th April,2023 at BCA hall, Karnatak Science College, Dharwad. 35 students across the state participated in this debate competition. The chief guest of the program Dr. B.C. Mogali, (Rtd). Professor of Criminology and Forensic Science addressed the gathering and expressed his views on the needs of the youth in nation-building. He also motivated the participants to take responsibility as a youth of this nation towards the development of society. Dr.I.A.Mulla from Anjuman College, Dharwad, Dr.(Smt.)A.S Bellad Principal (Rtd),Karnatak Science College, Dharwad and Prof. M.R.Ranganath were the judges for the competition. Mr.Prashant M Biradar from Karnatak Univeristy, Dharwad, Mr.Aishwarya M. Manegar,KLE's G.H College, Haveri and Chandan Dakappa Naik, Vijayanagar College of Education Vidyagiri, Hubballi bagged 1st,2nd,and 3rd prizes with the prize money Rs.10,000/-,5000/- and 2500/- respectively. * One day Traning Programame for UUCMS Nodal Officer and Office Staff of Dharwad District Colleges : One day training program on "Problems and Solutions of UUCMS Operational Procedures for Institutional UUCMS Nodal Officer and Office Staff of Dharwad District Colleges was organized on 15th March , 2023 at the BCA Auditorium. 122 Institutional Nodal officers and Office staff of 75 colleges of Dharwad district were attended the programme. The programme aimed to provide insights and solutions to the challenges faced by the participants in using the UUCMS system effectively. The event was started at 9 am with a warm welcome speech by Dr. L.T. Nayak, IQAC Coordinator followed by a formal speech by Dr. R.Y. Budihal, Institutional UUCMS Nodal Officer, K.Sc.College, Dharwad. Dr. R. Y. Budihal emphasized the importance of UUCMS programme in fostering collaboration and synergy between universities and colleges. Dr. D.B. Karadoni, the Principal of Karnatak Arts College, Dharwad addressed the gathering by highlighting the challenges and opportunities in the field of higher education and emphasized the

need for continuous improvement in the quality of education imparted in colleges. First technical sessions commenced at 11.00 am and Prof. S.M. Tuwar, the Director, College Development Council, KUD was the resource person. Dr. S. M. Tuwar gave hands on training to participants. After the lunch break, the second technical session started at 2.30 pm and Dr. Shivashankar UUCMS Nodal Officer, KUD. emphasized implementation and benefits of UUCMS Programme, and how it helps to the holistic development of colleges. The participant certificates were issued to all the attendees. Dr. S.C. Chougala, Principal of Karnatak Science College, Dharwad presided over the function. * One-Day Workshop on Intellectual Property Rights: One Day Training Programme on Intellectual Property Rights was organized on 24th May, 2023 from 10:30 am to 5:30 pm. The Programme started with registration followed by inaugural function. In this event 74 students were participated. Mrs.Sujata Gadad, an Advocate from the P.G. Department of Law, Karnatak University, Dharwad was the resource person. Mrs. Sujata Gadad provided valuable knowledge about the intellectual property rights and their significance in day to-day life. In fact the training session was fruitful and Participants were benefited. The programme concluded with a valedictory function where certificates were distributed to the participants. Dr. L. T. Nayak, IQAC Co-ordinator, Dr. Saraswati P. Masti, SWO and teaching and non-teaching staff were present in the event. *One day workshop on soft skill for career growth: One day workshop on "Soft Skills for Career Growth: Intra and Interpersonal Skills, Work Ethics, and Leadership Qualities"was conducted on 27th May 2023. Dr. Manali Karmakar, Assistant Professor of English, School of Social Science and Languages, VIT Chennai Campus, was the resource person. 83 students attended the session and majority of the students interacted with the resources person. In the first session Dr. Manali Karmakar explained Intra and Interpersonal Skills, Work Ethics and Leadership qualities and conducted practical test and solved the student's problem related to soft skills. The workshop was so meaningful and students enjoyed the session.

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
Students' academic excellence and their empowerment and welfare are of 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.	The college took initiatives to implement the plans for better utilization of available human resources and infrastructure. Students' academic excellence, their empowerment and welfare is of prime importance while formulating the strategic plan.
• Preparation of Academic Calendar of events for each semester (Academic year).	Academic Calendar of events of the college for the year 2022-23 has been prepared by the College Committee and accordingly, all the activities in the college were brought into practice.
• Plan to arrange Induction Programme for Fresher's	Induction Programme was arranged for the Fresh Students on 1st Decemebr, 2022 at Srujana Ranga Mandir (College auditorium) 318 students were present in the Programme. Information on Teachers of different departments, courses offered in the college, infrastructure On the campus, facilities available, responsibilities of the students, different cells, free medical facility etc. were given.
• Plan to prepare AQAR report in time and submit the same to NAAC Office, Bengaluru	IQAC team of the college has prepared 2021-22 AQAR within the stipulated time and submitted the same to NAAC Office Bengaluru on 10/04/2023.
• Plan to conduct	Three month certificate course

certificate/value added long/ short term certificate course.	on "Biochemical Techniques" was Conducted for the students of B.Sc with Life Science combination of the college from 01/01/2023 to 31/03/2023.Dr.Rajesh Kalkhamkar was the Course Coordinator
• Plan to assesses the learning levels of the students	Teaching method of Karnatak Science College is purely student centric. Bridge courses are conducted compulsorily in respective subjects at the beginning of every semester to make them understand the concepts and get ready for next level of understanding, comprehension and develop analytical abilities. Slow learners are identified based on their performance in Internal Tests and advanced learners are identified based on their Multi Talent and both the groups were 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.
• Plan to conduct Workshops/ Seminars on skill and value based subjects to enhance the proficiency of students and staff of the college	*Three days National Seminar: The XXXII Annual Conference of the Indian Association for Angiosperm Taxonomy (IAAT) and the National Symposium on The Contribution of Angiosperm Diversity to Human Wellbeing and the Risks Associated with its Decline was organized by Dept. of Botany, Karnatak Science College, Dharwad from 11 to 13 November 2022. The Symposium was inaugurated by Prof. K.B. Gudasi (Vice Chancellor, Karnatak

University, Dharwad). The inaugural function was presided over by Prof. G.G. Maity (President IAAT). The Organizing Secretary of the IAAT Conference, Prof. K. Kotresh, Department of Botany, Karnatak Science College introduced the programme and welcomed the participants, Prof. (Smt). Doris M.Singh and Prof. K.P. Kolkar were on the dais. *Two day workshop on Research Methodology : Two Days Workshop was organized on Research Methodology for all the PG Students of Physics, Chemistry, Mathematics and Botany subjects on 15th and 16th Feb, 2023. This workshop was inaugurated by Dr. H.B.Walikar, former Vice Chancellor, Karnatak University Dharwad on 15th Feb, 2023. He delivered key note address on Big Bang theory and Prime numbers. Dr. Nilkamal Mahanta, Head, Department of Chemistry, IIT - Dharwad gave first invited talk. First talk was on the topic: "Higher Studies, Research Opportunities and Career Prospects in Science". He told students how one can get into IIT through various modes like JEE, GATE, Project Fellowship to pursue their education at IIT's and IISc and National institutes of research . Dr. M. K. Rabinal, Professor, Department of Physics, Karnatak University, Dharwad gave the second invited talk on the 16th Feb, 2023. Professor's focus of the lecture was on Research methodology, and highlighted the mode of research encouraged to look at the

existing problems around us and analyze it. Dr. Koushik Saha, Assistant Professor, Department of Physics, IIT Dharwad, delivered lecture on the History of Evolution of Science and Physics. Principal of the college Dr. S. C, Chougala was present throughout the workshop and felicitated all invited speakers and guests. H.O.D of all PG departments, Dr. S. D. Dummawad, Dr. K. Koteresh, Prof. Ambika R., Prof M. R. Ranganath Prof. Blaise Lobo, Chairman, Science Association, Dr. Geeta Chavan, Dr. O. Kotresh, Dr. K. S. Katagi, Prof. Lalita Naik, Prof. Kalpana Dalawai were also present. *One-Day Workshop: One day workshop on Intellectual Property Rights was organized on 24th May, 2023 in C1 Hall. Mrs.Sujata Gadad, an Advocate from the P.G. Department of Law, Karnatak University, Dharwad was the resource person. 74 students were participated. *One Day Virtual Workshop: One Day Virtual Workshop for Degree Students of Dharwad District on Soft Skills for Career Growth was arranged on 27th May, 2023. Dr. Manali Karmakar, Assistant Professor of English, School of Social Science and Languages, VIT Chennai Campus, was the resource person. 83 students attended the session. * Multidisciplinary Workshop: On 5th July, 2023 Karnatak Arts and Science College, IQAC, and the Department of Sanskrit, Prakriti and Yoga Studies, in association with Samskrita Bharati and Majethiya Foundation, Hubli

	organized workshop on Sanskrit's diverse aspects. Smt. Sumangala Dandewale, Founder President of Kursh Gyan Foundation, Shri. Sanjay Pande, Chief of Marketing and Product Strategy at Data Vault Alliance and Dr. Avinash Rasalkar were the resource persons.82 students were benefited from this workshop.
• Plan to organize training programmes for the faculty and students.	* One Day Training Program: One Day Training Programme on Problems and Solutions of UUCMS Operational Procedures for Institutional UUCMS Nodal Officer and Office Staff of Dharwad District Colleges. was organized on 15th March, 2023. 122 staffs from different degree colleges of Dharwad district were participated in this Programme. Two technical sessions were arranged. First technical sessions was commenced at 11.00 am and Prof. S.M. Tuwar, the Director, College Development Council, KUD was the resource person. Prof. S. M. Tuwar gave hands on training for participants. After the lunch break at 2.30 pm, the second technical session started and Prof. Shivashankar UUCMS Nodal Officer, KUD. emphasized on implementation and benefits of UUCMS Programme, and how it helps to the holistic development of colleges. Participant certificates were issued to all the attendees. Dr. S.C. Chougala, Principal of Karnataka Science College, Dharwad presided over the function. * One-day Training Programme: One-day Training

	Programme for Laboratory Staff on Lab Safety and Lab Maintenance was arranged on 29th May,2023 Prof. Blaise Lobo, Dept.of Physics Dr. Saraswati P. Masti ,Dept. of Chemistry and Biological Science export Dr. R.D. Sankal were the resource persons. *One day Training Programme: One day Computer Training Programme for Office Staff was conducted on 31th May 2023. Smt. Akshata Kadam Dept.of Computer science was the resource person. Understanding hardware components, File management, Effective Email Communication, Creating and formatting documents, Introduction to spreadsheets and Handling of UUCMS portal were some of the components highlighted by the resources. 15 office staff participated in the training.
• **Plan to arrange State Level Debate Competition**	Debate competition: One day state level debate competition was organized on "Is India Harnessing its Youths to become a Superpower by 2035" on 19-04-2023 in BCA hall,Karnatak Science College, Dharwad. 28 students from different degree colleges of Dharwd district participated in the competition. Dr.I.A.Mulla from Anjuman College, Dharwad, Dr.(Smt.) A.S Bellad Principal (Retd)Karnatak Science College, Dharwad and Prof. M.R.Ranganath were the judges for the competition. Mr.Prashant M Biradar from Karnatak Univeristy, Dharwad, Mr.Aishwarya M. Manegar,KLE's G.H College, Haveri and Chandan

	Dakappa Naik, Vijayanagar College of Education Vidyagiri, Hubballi bagged 1st,2nd,and 3rd prizes with the prize money Rs.10,000/-,5000/- and 2500/- respectively.
• **Plan to arrange Counselling Programmes**	Student Counselling: counseling Programme for BSC/BCA Students was organized on 25th May, 2023 in C-1 Hall. Dr. Swati Bandiwad was the Counselor. Counselor helped the students to deal effectively with Academic support, Goal setting and Decision-making, Career awareness, exploration and planning, Education on understanding self and the others, coping strategies and effective social skills, problem-solving and Substance Abuse Education and Individual Student Planning . Dr. S. C. Chougala, the Principal of Karnatak Science College, Dharwad, Dr. Saraswati P. Masti as the Organizing Secretary, and Dr. L. T. Nayak Convener of the programme were present on the occasion.
• **Plan to conduct community benefit extension activities with the help of NCC and NSS volunteers.**	• 28 extension activities within and outside the campus have been undertaken from the NSS and NCC volunteers from Ist June,2022 to 31st May,2023.Celebration of ante tobacco on 4th June, 2022,World Environmental day on 5th June, 2022, 11 days Free Yoga campus from 11/06/2022 to 21/06/2022,Blood Donation Camp on 14th June,2022, Plastic free camp on 28/06/2022,Green campus program on 30th June 2022, Programme on Azadi Ka Amrut

	Mahostav on 6th August, 2022, Free Dental chek up camp on 29/10/2022, Celebration of National Unity day on 31/10/2022,Voters Awareness Jata on 4th May 2023 are some of the community extension and awareness betterment activities were undertaken by the college NSS volunteers.
• **Plan to arrange Parent meet**	On 29th May, 2023 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.
• **Plan to arrange Placement drive for the outgoing students.**	Prof. R.V.Barker, Placement officer, Karnatak Science college,Dharwad had arranged Campus drive ----for M.Sc final year students with Biocon private Ltd, Bengaluru in which 68 students have been selected.

13.Whether the AQAR was placed before statutory body?

Yes

- Name of the statutory body

Name	Date of meeting(s)
IQAC	**20/01/2024**

14.Whether institutional data submitted to AISHE

Part A

Data of the Institution

1.Name of the Institution	KARNATAK SCIENCE COLLEGE,DHARWAD
• Name of the Head of the institution	Dr. M.S.Salunke
• Designation	PRINCIPAL
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	0836221510
• Mobile no	9448861528
• 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**
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• 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/AQAR/AQAR_2021-22_H.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/calendarofevent2023.pdf**

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
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Cycle 2	**A**	**3.26**	**2009**	**26/09/2009**	**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 with duration	Amount
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Department of Chemistry	Grant for Research Excellence(GRE)	Department of IT,Bt and S & T ,Government of Karnataka	2022-23 to 2023-24(2 Years)	4000000

8.Whether composition of IQAC as per latest NAAC guidelines	Yes	
• Upload latest notification of formation of IQAC	View File	
9.No. of IQAC meetings held during the year	4	
• Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?	Yes	
• If No, please upload the minutes of the meeting(s) and Action Taken Report	No File Uploaded	
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	No	
• If yes, mention the amount		

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

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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
Students' academic excellence and their empowerment and welfare are of 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.	The college took initiatives to implement the plans for better utilization of available human resources and infrastructure. Students' academic excellence, their empowerment and welfare is of prime importance while formulating the strategic plan.
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• Plan to conduct Workshops/ Seminars on skill and value based subjects to enhance the proficiency of students and staff of the college	*Three days National Seminar: The XXXII Annual Conference of the Indian Association for Angiosperm Taxonomy (IAAT) and the National Symposium on The Contribution of Angiosperm Diversity to Human Wellbeing and the Risks Associated with its Decline was organized by Dept. of Botany, Karnatak Science College, Dharwad from

11 to 13 November 2022. The Symposium was inaugurated by Prof. K.B. Gudasi (Vice Chancellor, Karnatak University, Dharwad). The inaugural function was presided over by Prof. G.G. Maity (President IAAT). The Organizing Secretary of the IAAT Conference, Prof. K. Kotresh, Department of Botany, Karnatak Science College introduced the programme and welcomed the participants, Prof. (Smt). Doris M.Singh and Prof. K.P. Kolkar were on the dais. *Two day workshop on Research Methodology : Two Days Workshop was organized on Research Methodology for all the PG Students of Physics, Chemistry, Mathematics and Botany subjects on 15th and 16th Feb, 2023. This workshop was inaugurated by Dr. H.B.Walikar, former Vice Chancellor, Karnatak University Dharwad on 15th Feb, 2023. He delivered key note address on Big Bang theory and Prime numbers. Dr. Nilkamal Mahanta, Head, Department of Chemistry, IIT - Dharwad gave first invited talk. First talk was on the topic: "Higher Studies, Research Opportunities and Career Prospects in Science". He told students how one can get into IIT through various modes like JEE, GATE, Project Fellowship to pursue their education at IIT's and IISc and National institutes of research . Dr. M. K. Rabinal, Professor, Department of Physics, Karnatak University, Dharwad gave the

second invited talk on the 16th Feb, 2023. Professor's focus of the lecture was on Research methodology, and highlighted the mode of research encouraged to look at the existing problems around us and analyze it. Dr. Koushik Saha, Assistant Professor, Department of Physics, IIT Dharwad, delivered lecture on the History of Evolution of Science and Physics. Principal of the college Dr. S. C, Chougala was present throughout the workshop and felicitated all invited speakers and guests. H.O.D of all PG departments, Dr. S. D. Dummawad, Dr. K. Koteresh, Prof. Ambika R., Prof M. R. Ranganath Prof. Blaise Lobo, Chairman, Science Association, Dr. Geeta Chavan, Dr. O. Kotresh, Dr. K. S. Katagi, Prof. Lalita Naik, Prof. Kalpana Dalawai were also present. *One-Day Workshop: One day workshop on Intellectual Property Rights was organized on 24th May, 2023 in C1 Hall. Mrs.Sujata Gadad, an Advocate from the P.G. Department of Law, Karnatak University, Dharwad was the resource person. 74 students were participated. *One Day Virtual Workshop: One Day Virtual Workshop for Degree Students of Dharwad District on Soft Skills for Career Growth was arranged on 27th May, 2023. Dr. Manali Karmakar, Assistant Professor of English, School of Social Science and Languages, VIT Chennai Campus, was the resource person. 83 students

	attended the session. * Multidisciplinary Workshop: On 5th July, 2023 Karnatak Arts and Science College, IQAC, and the Department of Sanskrit, Prakriti and Yoga Studies, in association with Samskrita Bharati and Majethiya Foundation, Hubli organized workshop on Sanskrit's diverse aspects. Smt. Sumangala Dandewale, Founder President of Kursh Gyan Foundation, Shri. Sanjay Pande, Chief of Marketing and Product Strategy at Data Vault Alliance and Dr. Avinash Rasalkar were the resource persons.82 students were benefited from this workshop.
• Plan to organize training programmes for the faculty and students.	* One Day Training Program: One Day Training Programme on Problems and Solutions of UUCMS Operational Procedures for Institutional UUCMS Nodal Officer and Office Staff of Dharwad District Colleges. was organized on 15th March, 2023. 122 staffs from different degree colleges of Dharwad district were participated in this Programme. Two technical sessions were arranged. First technical sessions was commenced at 11.00 am and Prof. S.M. Tuwar, the Director, College Development Council, KUD was the resource person. Prof. S. M. Tuwar gave hands on training for participants. After the lunch break at 2.30 pm, the second technical session started and Prof. Shivashankar UUCMS Nodal Officer, KUD. emphasized on

	implementation and benefits of UUCMS Programme, and how it helps to the holistic development of colleges. Participant certificates were issued to all the attendees. Dr. S.C. Chougala, Principal of Karnataka Science College, Dharwad presided over the function. * One-day Training Programme: One-day Training Programme for Laboratory Staff on Lab Safety and Lab Maintenance was arranged on 29th May,2023 Prof. Blaise Lobo, Dept.of Physics Dr. Saraswati P. Masti ,Dept. of Chemistry and Biological Science export Dr. R.D. Sankal were the resource persons. *One day Training Programme: One day Computer Training Programme for Office Staff was conducted on 31th May 2023. Smt. Akshata Kadam Dept.of Computer science was the resource person. Understanding hardware components, File management, Effective Email Communication, Creating and formatting documents, Introduction to spreadsheets and Handling of UUCMS portal were some of the components highlighted by the resources. 15 office staff participated in the training.
• Plan to arrange State Level Debate Competition	Debate competition: One day state level debate competition was organized on "Is India Harnessing its Youths to become a Superpower by 2035" on 19-04-2023 in BCA hall,Karnatak Science College, Dharwad. 28 students from different degree colleges of Dharwd district

	participated in the competition. Dr.I.A.Mulla from Anjuman College, Dharwad, Dr.(Smt.) A.S Bellad Principal (Retd)Karnatak Science College, Dharwad and Prof. M.R.Ranganath were the judges for the competition. Mr.Prashant M Biradar from Karnatak Univeristy, Dharwad, Mr.Aishwarya M. Manegar,KLE's G.H College, Haveri and Chandan Dakappa Naik, Vijayanagar College of Education Vidyagiri, Hubballi bagged 1st,2nd,and 3rd prizes with the prize money Rs.10,000/-,5000/- and 2500/- respectively.
• **Plan to arrange Counselling Programmes**	Student Counselling: counseling Programme for BSC/BCA Students was organized on 25th May, 2023 in C-1 Hall. Dr. Swati Bandiwad was the Counselor. Counselor helped the students to deal effectively with Academic support, Goal setting and Decision-making, Career awareness, exploration and planning, Education on understanding self and the others, coping strategies and effective social skills, problem-solving and Substance Abuse Education and Individual Student Planning . Dr. S. C. Chougala, the Principal of Karnatak Science College, Dharwad, Dr. Saraswati P. Masti as the Organizing Secretary, and Dr. L. T. Nayak Convener of the programme were present on the occasion.
• **Plan to conduct community benefit extension activities**	• 28 extension activities within and outside the campus

with the help of NCC and NSS volunteers.	have been undertaken from the NSS and NCC volunteers from Ist June,2022 to 31st May,2023.Celebration of ante tobacco on 4th June, 2022,World Environmental day on 5th June, 2022, 11 days Free Yoga campus from 11/06/2022 to 21/06/2022,Blood Donation Camp on 14th June,2022, Plastic free camp on 28/06/2022,Green campus program on 30th June 2022, Programme on Azadi Ka Amrut Mahostav on 6th August, 2022, Free Dental chek up camp on 29/10/2022, Celebration of National Unity day on 31/10/2022,Voters Awareness Jata on 4th May 2023 are some of the community extension and awareness betterment activities were undertaken by the college NSS volunteers.
• Plan to arrange Parent meet	On 29th May, 2023 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.
• Plan to arrange Placement drive for the outgoing students.	Prof. R.V.Barker, Placement officer, Karnatak Science college,Dharwad had arranged Campus drive ----for M.Sc final year students with Biocon private Ltd, Bengaluru in which 68 students have been selected.

13.Whether the AQAR was placed before statutory body?	**Yes**
• Name of the statutory body	

Name	Date of meeting(s)
IQAC	20/01/2024

14. Whether institutional data submitted to AISHE

Year	Date of Submission
2023	23/01/2024

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):

arnatak 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	**529**

File Description	Documents
Data Template	View File

2.Student

2.1 Number of students during the year	**1955**

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2 Number of seats earmarked for reserved category as per GOI/	**978**

State Govt. rule during the year

File Description	Documents
Data Template	View File

2.3	**569**
Number of outgoing/ final year students during the year	

File Description	Documents
Data Template	View File

3.Academic

3.1	**91**
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	**43**
Total number of Classrooms and Seminar halls	

4.2	**136.80**
Total expenditure excluding salary during the year (INR in lakhs)	

4.3	**252**
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 practical's, 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	[View File](#)
Link for Additional information	https://kscd.ac.in/IQAC/2022_23/CRITERION_I/1.1.1%20-%20The%20Institution%20ensures%20effective%20curriculum%20delivery%20through%20a%20well%20planned%20and%20documented%20process.pdf

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	View File
Link for Additional information	https://kscd.ac.in/IQAC/2022_23/CRITERION_I/1.1.2%20-%20The%20institution%20adheres%20to%20the%20academic%20calendar%20including%20for%20the%20conduct%20of%20Continuous%20Internal%20Evaluation%20(CIE).pdf

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	B. Any 3 of the above

of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University	

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

07

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)

09

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

443

File Description	Documents
Any additional information	**No File Uploaded**
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 boyand girlin 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

116

File Description	Documents
Any additional information	**No File Uploaded**
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

646

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

A. All of the above

syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni	

File Description	Documents
URL for stakeholder feedback report	https://kscd.ac.in/feedback/2022-23.pdf
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	View File

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	View File
URL for feedback report	https://kscd.ac.in/feedback/2022-23.pdf

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

1955

File Description	Documents
Any additional information	View File
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

1842

File Description	Documents
Any additional information	[View File](#)
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

By employing student-centric approaches, KarnatakScience College assists, announces, and disseminates knowledge among the students. Bridge courses are compulsorily conducted in all subjects at the beginning of every semester to ensure their understanding of key concepts.

Slow learners

Slow learners are identified based on their performance in internal tests. Students who were ill and unable to represent the college in various events or attend exams were provided with another opportunity to participate.Remedial courses are designed in the college schedule to assist slow learners to overcometheir exam anxiety. Following every exam and assignment, teachers directly address any problems or challenges that students have encountered. Slow learners are encouraged to participate in topic-related talks, seminars, and interactive sessions for participative learning. Teachers assist students who learn slowly by paying careful attention to their performance. Every teacher uses the WhatsApp or Telegram app to communicate with their students and help slower learners by providing them additional study material and topic-related notes.

Advanced learners

Advanced learners are identified through their multifaceted performance and they are encouraged to take part in additional curricula.Our college evaluates the learning levels of the students and encourages advanced learners by providing them access to reference books and research-focused studies via e-links or research gateways and they are encouraged to attend and participate in inter-collegiate events, small research projects, workshops, and conferences at the regional and national levels, showcasing their poster presentations and short project works

associated with their area of study.

File Description	Documents
Paste link for additional information	https://kscd.ac.in/IQAC/2022_23/CRITERION_II/2.2.1%20-%20Institution%20effort%20towards%20Slow%20&%20Advanced%20learners.pdf
Upload any additional information	View File

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

Our students visit agro-based units, fields, and industries, which helps them comprehend the curriculum better. Students regularly participate in workshops, conferences, cultural events both inside and between colleges.

For more effective instruction, teachers make use of teaching aids like graphs, maps, and models, in addition to using the conventional chalk and board method to effectively communicate ideas. In life science courses, students are required to practice diagrams pertaining to physiology and histology. They receive curriculum-based homework assignments, participate in lengthy problem-solving sessions, and are required to submit hand written assignments, with diagrams drawn by hand, to improve their writing and drawing abilities.

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

Students ofthe college are actively encouraged to participate in seminars, workshops, and national conferences as part of their holistic learning experience. The institution takes proactive steps by seeking approval from the university to provide financial assistance to students who represent the college at national-level festivals or competitions.

The college enables participating students by facilitating the concerned staff members to join them at the event, providing intellectual and moral support. This fosters the student'spursuit of excellence.

Projects are assigned to students by departments such as Botany, Chemistry, Geography, Physics, Microbiology, Industrial Fish and Fisheries, and Zoology, aiming to spark their interest in research. The College Gymkhana organizes quizzes and cultural activities to help students develop their talents and creativity.

File Description	Documents
Upload any additional information	[View File](#)
Link for additional information	https://kscd.ac.in/IQAC/2022_23/CRITERION_II/2.3.1%20-%20Student%20centric%20methods,%20such%20as%20experiential%20learning,%20participative%20learning%20and%20problem%20solving%20methodologies%20are%20used%20for%20enhancing%20learning%20experiences.pdf

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

The institution has 25 well-equipped classrooms with Smart boards,LCD projectors, WiFi connections, FTTH LAN, and other ICT features. Smart boards, PowerPoint presentations, audio-visual modes, and ICT-enabled classrooms provide students with a wealth of learning opportunities. While instructing, teachers also access extra material through YouTube channels, Microsoft Teams, Zoom, Google Classrooms, and other platforms such as INFLIBNET's N-List facility. Students are taught about the platform, including how to join and access resources, prior to participating in classes. Through WhatsApp, teachers can connect with their pupils and share resources such as YouTube links, e-books, PG Pathshala, and brief remarks. Lectures connected to the curriculum are also delivered

by teachers via their own YouTube channel.

The college offers multifunctional printers, Xerox machines, copiers, and browsing facilities for filling out online applications at an affordable price. It also provides DTP services related to students' project work, which are outsourced.

Youtube Channels:

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 D Sanakal,

1. https://classroom.google.com/c/NDQyNTU2Mjc3NDA1?cjc=5th3eaj
2. https://classroom.google.com/c/NTA1MDkyOTE0MDI4?cjc=22afpu4

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

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

91

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

91

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

59

File Description	Documents
Any additional information	View File
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

1152

File Description	Documents
Any additional information	View File
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

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.

Regarding the evaluation process and reforms, the college abides by the University's rules and regulations. The committee prepares the college's academic calendar well in advance of the start of each semester, according to the University's Calendar of Events. A uniform calendar for internal tests is created for each semester and sent to the students in accordance with the planned sequence of events.

There is one practical Internal Assessment (IA) and two theory internals (IA-1 & IA-2) assessments for each semester. To uphold academic standards, the IA is conducted according to the timetable, and the evaluation is completed using the Continuous Internal Evaluation (CIE) system. The assessment process includes:

- The individual teacher's sets the questions.

- The concerned departments conduct and evaluate Internal Assessments.

- The evaluated marks are displayed on the departmental notice boards.

- If there are any discrepancies, students are informedto contact the departmental head. The concerned staff members rectify any discrepancies.

- If a student has missed any test due to a genuine reason, he/she will be required to provide supporting documents for the absence. These students are given another opportunity to take the test.
- The teachers identify slow learners and address their concerns shortly after the test.

File Description	Documents
Any additional information	[View File](#)
Link for additional information	https://kscd.ac.in/IQAC/2022_23/CRITERION_II/2.5.1%20-%20Mechanism%20of%20internal%20assessment%20is%20transparent%20and%20robust%20in%20terms%20of%20frequency%20and%20mode.pdf

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

The college conducts internal assessments within the allotted timeframe and in accordance with regulations of Karnatak University, Dharwad. Internal test evaluations are conducted in a transparent manner, and issues related to this procedure are addressed as follows:

- The IA marks for both theory and practicalare recorded and displayed.

- Students are encouraged to visit the appropriate departments to verify their IA marks. The concernedstaff personnel are notified about any discrepancies, and they will be rectified, and then marks are uploaded in the Karnatak University website/UUCMS portal .

Components of Internal Assessment:

1) Under NEP 2020

a) Discipline Specific Core Course & Open Elective Course:

- Two theory internal assessmenttests of 20 marks each (reduced to 20 Marks)
- one practical test for 25 marks.
- Home Assignment for 10 marks.
- Seminar for 10 marks

2) Choice Based Credit System

- Two theory internal assessmenttests of 20 marks each (reduced to 20 Marks)
- One practical test for 40 marks (finally reduced to 10

marks)

File Description	Documents
Any additional information	View File
Link for additional information	https://kscd.ac.in/IQAC/2022_23/CRITERION_II/2.5.2%20-%20Mechanism%20to%20deal%20with%20internal%20examination%20related%20grievances%20is%20transparent,%20time-%20bound%20and%20efficient.pdf

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

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

Physics:

CO 1:Understand constrains, identify and apply different types of constrains in classical mechanical problem and calculate degrees of freedom in space point.

Chemistry

CO 1:Periodicity in properties, and classify the elements .Define atomic radii, ionisation energy, electron affinity and electro negativity.

Mathematics

CO1:The system of homogeneous and non homogeneous linear equations in m variables by using rank of matrix.

Zoology

CO 1:The structure and function of the cell organelles, knowledge of the microscopic anatomy and structure of cells, tissues and understand the animal behaviour.

Botany

CO 1:Understanding and appreciating the unity and diversity of microbes fungi and Lichens.

Geography:

C01: Students gain both physical and economic regional geographical knowledge about world.

Geoglogy:

CO-1. Describe various structural forms of rocks.

Criminoloy:

CO 1: Describing the prison as institution of correction, its types and the legal provisions

Statistics:

Co 1: Students will be able to understand basic theoretical and applied principles of statistics needed to enter the job force.

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.

CO 1:Fundamental concepts and computer programming. To develop accounting ability of students.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://kscd.ac.in/feedback/Programmeandou rseoutcomes.pdf
Upload COs for all Programmes (exemplars from Glossary)	View File

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

Our college provides research, graduate, and undergraduate science programs. For these courses, the curriculum developed by Karnatak University is adhered to. The program and course outcomes are assessed by the institution, which notifies the students and posts the results on the college notice boards

Following the measurement of the Program and Course Outcomes, it is noted that the student's strength, passing percentage, advancement to advanced coursework, and placement ratio gradually grow.

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	[View File](#)
Paste link for Additional information	https://kscd.ac.in/IQAC/2022_23/CRITERION_II/2.6.2%20-%20Attainment%20of%20Programme%20outcomes%20and%20course%20outcomes%20are%20evaluated%20by%20the%20institution.pdf

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

410

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/2022_23/CRITERION_II/2.6.3%20-%20Pass%20percentage%20of%20Students%20during%20the%20year.pdf

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/IQAC/2022_23/CRITERION_II/Analysis%20of%20SSS%202022-23.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)

42.75

File Description	Documents
Any additional information	View File
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

23

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

02

File Description	Documents
List of research projects and funding details (Data Template)	<u>View File</u>
Any additional information	**No File Uploaded**
Supporting document from Funding Agency	<u>View File</u>
Paste link to funding agency website	<u>https://kscd.ac.in/IQAC/2022_23/CRITERION_III/3.1.1%20-%20Grants%20received%20from%20Government%20and%20non-governmental%20agencies%20for%20research%20projects.pdf</u>

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 two teaching staff members are 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 conducts many useful programmes, like science exhibitions and special lectures from eminent scholars.

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 addition to cleaning the. 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 platform for girl students to express themselves. Activities conducted by it are helpful to build 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 faculty in all the departments, which enables 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	View File
Paste link for additional information	https://kscd.ac.in/IQAC/2022_23/CRITERION_III/3.2.1%20-%20Institution%20has%20created%20an%20ecosystem%20for%20innovations%20and%20has%20initiatives%20for%20creation%20and%20transfer%20of%20knowledge.pdf

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

27

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

12

File Description	Documents
URL to the research page on HEI website	https://kscd.ac.in/resources/research/2022-23.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	View File

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

103

File Description	Documents
Any additional information	View File
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

02

File Description	Documents
Any additional information	View File
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 organized 11extension activities in the neighborhood places to inculcate in the students a sense of 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 and through these wings, the college undertakes various extension activities in the neighbourhood community.

National Service Scheme (NSS):NSS unit organized seven days special camp in the nearby adopted villages, where several special activities were carried out by the volunteers, addressing social issues like cleanliness,plantation, 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 to address the villagers, in order to create awareness in them 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, among many others.

Science Association and Study Circles : Science Association and Study Circles are 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	https://kscd.ac.in/IQAC/2022_23/CRITERION_III/3.4.1%20-%20Extension%20activities%20are%20carried%20out%20in%20the%20neighborhood%20community,%20sensitizing%20students%20to%20social%20issues,%20for%20their%20holistic%20development,%20and%20impact%20thereof%20during%20the%20year%20(4).pdf
Upload any additional information	View File

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

03

File Description	Documents
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

16

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

1096

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

14

File Description	Documents
e-copies of related Document	View File
Any additional information	View File
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	View File
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 36 buildings in 34,741.74 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 (35), 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 (992 Sq Mtrs) Library having spacious two reading halls is established.
- Kaveri girl's 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 are established.
- The electrical supply is by HESCOM, 03 Transformers (20 KV) installed by HESCOMand 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 12bore wells.
- Apart from main garden, each department is well maintained with Gardens and beautified the campus.
- 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/2022_23/CRITERION_ IV/4.1.1%20-%20The%20Institution%20has%20a dequate%20infrastructure%20and%20physical% 20facilities%20for%20teaching-%20learning% 20(7).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 building like "Srijana Rangamandir" an Audio visual auditorium donated by the Alumni Sri.Nandan Nilekani. In addition to it BCA Auditorium with 250 capacity and Amphi theatre with more than 550 seating capacityfor conducting various cultural activities.

- **SPORTS**

The infrastructure for Sports includes the following resources required for conducting the State/ National and International level events.

OUT-DOOR

IN-DOOR

Name

Dimension(in meters)

Name

Dimension(in meters)

StandardAthleticTrack

176x96

GymHall

12x6

CricketGround

137.16x59.41

BadmintonHall1

30x14

Football

100.16x64

BadmintonHall2

20.45x7.6

Hockey

91.4x55

BadmintonHall entrance

10x2.55

Handball

40x20

BadmintonHall entrance-2

4.5x2.55

Netball

30.5x15.25

TableTennis hall

10.45x5.45

BasketballCourt

28x15

ChessHall

12.15x2.7

VolleyballCourt

18x9

CaromHall

6.6x3.1

ThrowballCourt

18.3x12.2

Dressingroom-02

4.7x2.4

BallBadmintonCourt

13.4x6.1

Bathroom and Washroom passage

14.2x2.7

TennyKoit Court

12.2x5.5

Bathroom and Washroom-03

1.25x6.5

TennisCourt

23.7x7.1

Kho-KhoCourt

27x16

Kabaddi MenCourt

13x10

Kabaddi MenCourt

12x8

Shuttle BadmintonCourt

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	[View File]()
Paste link for additional information	https://kscd.ac.in/IQAC/2022_23/CRITERION_IV/4.1.2%20-%20The%20Institution%20has%20adequate%20facilities%20for%20cultural%20activities,%20sports,%20games%20(indoor,%20outdoor),%20gymnasium,%20yoga%20centre.pdf

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/2022_23/CRITERION_IV/4.1.3%20master%20time%20table.pdf
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)

50.30

File Description	Documents
Upload any additional information	**No File Uploaded**
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.**
- **24 x 7 Library facility is also available.**
- **The reading room accommodates 450 students. New Arrivals of**

books and journals are displayed periodically. There are more than 1.82 lakhs books, 28 Journals / Magazines, 31,35,000 e-books, 6,000 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 are also equipped withlibrary facilities with 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	[https://kscd.ac.in/IQAC/2022_23/CRITERION_IV/4.2.1%20-%20Library%20is%20automated%20using%20Integrated%20Library%20Management%20System%20(ILMS).pdf](#)

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources	A. Any 4 or more of the above

File Description	Documents
Upload any additional information	[View File](#)
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)

2.3

File Description	Documents
Any additional information	View File
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

255

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.As per the curriculum required softwares are installed. Digital library has been established with 17computersout of which 04 computers with special features are used by the visually disabled students. E-LIB and OPAC software are in practice. Smart class rooms furnished with ICT facilities. The college website www.kscd.ac.in is updated regularly.
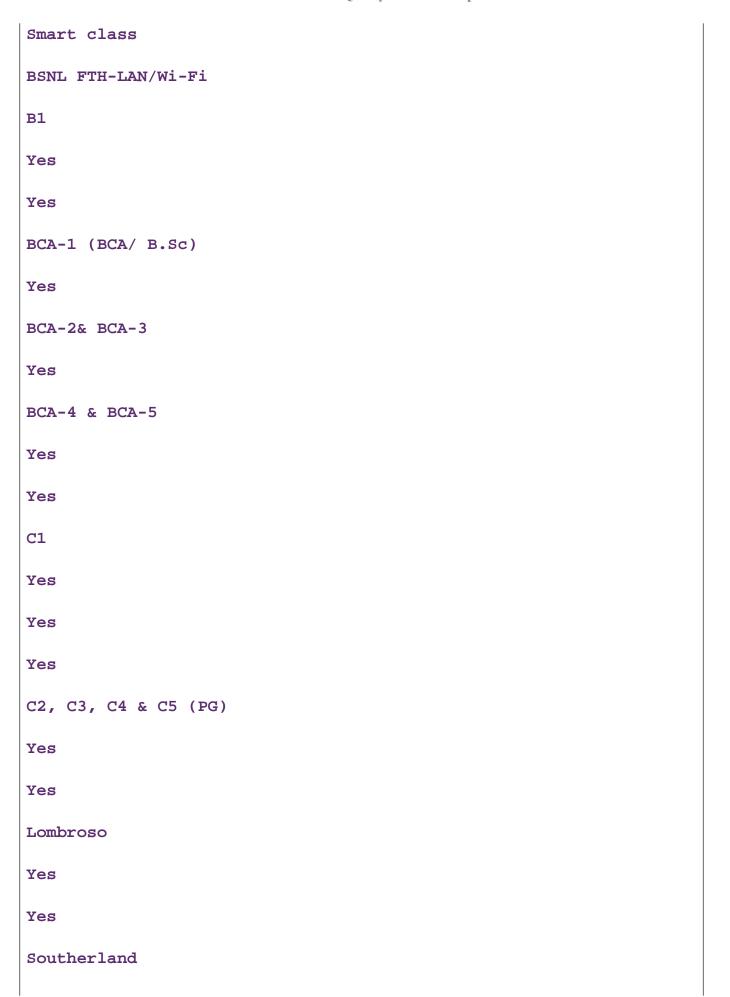
IT- PARTICULARS

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 / WiFi / 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/2022_23/CRITERION_IV/4.3.1%20-%20Institution%20frequently%20updates%20its%20IT%20facilities%20including%20Wi-Fi.pdf](#)

4.3.2 - Number of Computers

252

File Description	Documents
Upload any additional information	**No File Uploaded**
List of Computers	[View File](#)

4.3.3 - Bandwidth of internet connection in the Institution	**A. ? 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)

86.49

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 labours controlled by GAD section 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.

Maintainance of class rooms:The class rooms maintained by theagenciesappointed by the University.

Electrical:The annual maintenance of electrical workis done by

building department of Karnatak University,Dharwad.

Sports Complex:The Physical Director of the College is the custodian of all the sports facilities andmaintainthese facilities.

Laboratories:Maintenance of the instruments is done by the Laboratory Assistants. Technical supportdone 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 of computers is done by the IT section of Karnatak University,Dharwad.

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	https://kscd.ac.in/IQAC/2022_23/CRITERION_IV/4.4.2%20-%20There%20are%20established%20systems%20and%20procedures%20for%20maintaining%20and%20utilizing%20physical,%20academic%20and%20support%20facilities%20-%20laboratory,%20library,%20sports%20complex,%20computers,%20classrooms%20etc..pdf

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

1629

File Description	Documents
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

15

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	**A. All of the above**

File Description	Documents
Link to Institutional website	https://kscd.ac.in/IQAC/2022_23/CRITERION_V/5.1.3%20-%20Capacity%20building%20and%20skills%20enhancement%20initiatives%20taken%20by%20the%20institution%20include%20the%20following.pdf
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

288

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

288

File Description	Documents
Any additional information	View File
Number of students benefited 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	**B. Any 3 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	**No File Uploaded**

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

68

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	**No File Uploaded**
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

63

File Description	Documents
Upload supporting data for student/alumni	**No File Uploaded**
Any additional information	View File
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

23

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.

22

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File
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 expertisein sports skills. The physical director, chairpersons and secretaries of cultural and sportdepartments, select the cultural and sports teams selected to participate in the College, the University, National or International level.

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

College Magazine The College publishes a magazine named"VARNASAPTAKA". It is managed by a team headed by one of the staff members as the chief editor, a team of faculty members as co-editors and a studenteditor. The articles published in the magazine are entirely authored by students of the college.

Science Association: The science association comprises of ten departmental study circles and is headed by a faculty member as chair person and two student secretaries. One of the staff members from each department is nominated by the HOD as the study circle chairperson and there arestudentsecretaries.

Studentcounselling cell: College has a student counselling committee with a teacher and two student representatives. The counselling activities are conducted and co-ordinated by the SWO, studentrepresentative and the concerned teacher.

File Description	Documents
Paste link for additional information	https://kscd.ac.in/IQAC/2022_23/CRITERION_V/5.3.2%20-%20Institution%20facilitates%20students%D0%A2%20representation%20and%20engagement%20in%20various%20administrative,%20co-curricular%20and%20extracurricular%20activities.pdf
Upload any additional information	View File

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

38

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 inthe college campus.
- Suggestions are invited from the alumni for the upgradation of the college infrastructure, syllabus, student friendly environment and campus beautification. These suggestions are considered and followed by the college and University authorities, fordevelopment 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	https://kscd.ac.in/IQAC/2022_23/CRITERION_V/5.4.1%20-%20There%20is%20a%20registered%20Alumni%20Association%20that%20contributes%20significantly%20to%20the%20development%20of%20the%20institution%20through%20financial%20or%20other%20support%20services.pdf
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs)	D. 1 Lakhs - 3Lakhs

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

The institution's governing council, led by the Hon'ble Vice Chancellor of Karnatak University, Dharwad as the Chairman, includes the Registrar, one Syndicate member, two senior Associate Professors, and one Senior Assistant Professor. The Principal of the College serves as the Secretary, overseeing administration and academic processes. This council plays a vital role in ensuring the effective implementation of college policies, rules, and action plans.

Various committees, including NSS, NCC, Career and Counseling Cell, Gymkhana, Cultural and Youth Festival Committee, Internal Examination Committee, Anti-Ragging Cell, College Miscellany Committee, Admission Committee, UGC Committee, Disciplinary Committee, Scholarship Committee, Grievances, and Redressal Committee, work towards achieving the college's vision and mission.

Academic policies are drafted in HOD's meetings, ensuring their efficient implementation and regular assessment. The Principal

monitors teaching-learning activities in classrooms and laboratories, evaluating them through teacher'ssubmitted work diaries.

Financial requirements are proposed by committees, with approval granted by either the Principal or the Governing Council committee. The IQAC (Internal Quality Assurance Cell) makes continuous efforts to enhance and sustain quality, aligning with the institution's goals.

File Description	Documents
Paste link for additional information	https://kscd.ac.in/IQAC/2022_23/CRITERION_VI/6.1.1%20-%20The%20governance%20of%20the%20institution%20is%20reflective%20of%20and%20in%20tune%20with%20the%20vision%20and%20mission%20of%20the%20institution.pdf
Upload any additional information	View File

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

The institution actively practices decentralization and participative management to enhance quality across various levels, including Administrative, Management, Governing Council, Principal, IQAC, Various committees, non-teaching Staff, NCC & NSS coordinators, and all stakeholders.

Management: The College Management Committee, comprising the Hon'ble Vice Chancellor, Registrar, Syndicate, Academic Council, Principal, Heads of departments, Teaching, and Non-teaching staff, aims to provide substantial independence to all levels.

Administration: The college administration supports and monitors the development and implementation of policies, programs, and initiatives aligned with the institution's vision and mission. It oversees Admissions, Accounts and Finance, Record Keeping, Evaluation, etc.

Faculty Members: Diligent faculty members implement academic policies and programs. The institution employs a mentoring system, assigning students to a teacher who serves as their mentor, overseeing curricular and co-curricular activities.

Non-Teaching Staff: The technical staff provides support and contributes to the implementation of academic activities. Non-teaching staff (technical and administrative staff) work together to achieve operational and strategic objectives.

File Description	Documents
Paste link for additional information	https://kscd.ac.in/IQAC/2022_23/CRITERION_VI/6.1.2%20-%20The%20effective%20leadership%20is%20visible%20in%20various%20institutional%20practices%20such%20as%20decentralization%20and%20participative%20management..pdf
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

- **Strategic Plans**

- **To prepare a Calendar of Events for each academic year.**
- **To arrange an Induction Programme for freshers.**
- **To prepare the AQAR report.**
- **To prepare Academic and Administrative Audit reports.**
- **Plan to achieve the vision and mission of the college.**
- **To conduct webinars on subject-wise and multidisciplinary subjects, as well as skill and value-based subjects to enhance the proficiency of students and staff.**
- **To invite entrepreneurs for placement drives.**
- **To conduct extension activities under the banner of NCC and NSS.**
- **To organize training programs for the benefit of faculty and students.**
- **Motivating UG & PG students to qualify in competitive examinations.**
- **To focus on high-quality research from faculty members and scholars.**
- **To promote heterogeneity and demographical diversity in admitting students and recruiting faculty members, which will help provide national exposure and contribute to the growth of our institution.**
- **To nurture creativity, research, and experimentation,**

> encouraging innovativethoughts and ideas, and providing freedom for students and faculty to think and evolve for the betterment of oneself and the institution.
> - Planning to undertake best practices like "seed dibbling" during study tours.

The college proactively implements strategic plans to optimize human resources and infrastructure. Prioritizing students' academic excellence, empowerment, and welfare in the formulation process. Executed events comprise calendar preparation, induction programs, AQAR reports, AAA, and events organized by IQAC/NSS/NCC/departments/committees, ensuring holistic development and efficient resource utilization.

File Description	Documents
Strategic Plan and deployment documents on the website	[View File](#)
Paste link for additional information	https://kscd.ac.in/IQAC/2022_23/CRITERION VI/6.2.1%20-%20The%20institutional%20Strategic%20perspective%20plan%20is%20effectively%20deployed.pdf
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 and Governing body

Karnatak Science College, Dharwad, a Constituent College of Karnatak University since 1958, addresses North Karnataka's educational needs. Operating under the Governing Body (GB), constituted by the Vice-Chancellor, Registrar, Syndicate member, Director for Student Welfare Office, Principal, Professors, Associate Professors, and Senior Assistant Professor, it aligns with University directives.

Administrative setup:

The administrative hierarchy, led by the Principal, involves HODs, Coordinators, teaching & non-teaching staff, IQAC, and committees. The management of the collegerotates Headship among Associate Professors every two years. If no Associate Professor is present, the Coordinator role goes to an Assistant Professor on a two-year

rotation. Library structure includes the Librarian, Assistant Librarian, and subordinate staff.

Recruitment Procedure:-

Recruitment follows UGC regulations and KCSR rules, with approved posts advertised publicly. Screening committees assess applications, and successful candidates are chosen based on merit by the appointment committee, then approved in the syndicate meeting. Temporary staff fills gaps, with non-teaching posts on a contract basis. Permanent teaching staff progress through the Carrier Advancement Scheme (CAS) after fulfilling eligibility criteria.

Service rules:

Service conditions for permanent teachers adhere to UGC regulations and Government of Karnataka rules, while non-teaching staff follows KCSR rules and University guidelines. The administrative setup, recruitment, and service rules collectively contribute to the institution's goals, vision, and mission.

File Description	Documents
Paste link for additional information	https://kscd.ac.in/IQAC/2022_23/CRITERION_VI/6.2.2%20-%20The%20functioning%20of%20the%20institutional%20bodies%20is%20effective%20and%20efficient%20as%20visible%20from%20policies,%20administrative%20setup,%20appointment%20and%20service%20rules,%20procedures.pdf
Link to Organogram of the institution webpage	https://kscd.ac.in/IQAC/organogram.pdf
Upload any additional information	View File

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination	B. Any 3 of the above

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 institution effectively implements various welfare schemes for its teaching and non-teaching staff. The college facilitates staff members to avail 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 programs (FDPs), Orientation, Refresher & short-term courses, Summer Schools. Interest-free festival advance for celebrating festivals is provided. There is a provision for Government Provident Fund for all staff, including Death-Cum-Retirement Gratuity (DCRG), commutation of pension, and Earned Leave encashment facilities. Group Insurance schemes for staff, Advance increments after earning a Ph.D. degree, reimbursement of medical expenditure, Cooperative Society with loan provisions at a subsidized rate for employees and teachers. Regular Career Advancement Scheme is available for eligible staff members, compensatory job facility to the spouse of the employee in the event of a staff member's demise. Other benefits include Wi-Fi facility for both teaching and non-teaching staff, free health care services in the pharmacy for staff, staff quarters within the campus, banking facility, and a gym facility for teaching and non-teaching staff.

File Description	Documents
Paste link for additional information	https://kscd.ac.in/IQAC/2022_23/CRITERION_VI/6.3.1%20-%20The%20institution%20has%20effective%20welfare%20measures%20for%20teaching%20and%20non-%20teaching%20staff.pdf
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

01

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

07

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

05

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

- **Performance appraisal is a systematic, general, and periodic process assessing an individual employee's work performance and productivity in relation to pre-established criteria and organizational objectives.**

- A "good performance" management system aims to enhance overall organizational performance, aligning with the organizational mission and vision. The institution employs two UGC-recommended appraisal schemes: the Performance-Based Appraisal System (PBAS) and "Self Appraisal Report."
- PBAS offers feedback to faculty members, helping them understand and evolving student needs. It encompasses criteria such as teaching, learning, evaluation strategies, research, and extension & consultancy activities. Faculty members submit a PBAS following UGC guidelines, emphasizing effective performance in teaching and learning.
- The annual appraisal report evaluates employees based on academic, research, and extracurricular activities.
- The PBAS format, filled by employees, comprises two main parts. Part-A covers General instructions, Teaching activities, Research Activities, Contribution to Books, Laboratory manuals, Work for the University beyond teaching and research, and Extension or Consultancy work. Part-B includes Students' feedback, assessment by the Head of the Institution, and remarks by the Vice-Chancellor of Karnatak University, Dharwad.
- This performance management system ensures efficient organizational management, aligning with the institution's mission and vision

File Description	Documents
Paste link for additional information	https://kscd.ac.in/IQAC/2022_23/CRITERION_VI/6.3.5%20-%20Institutions%20Performance%20Appraisal%20System%20for%20teaching%20and%20non-%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 systematically and regularly maintains finance and accounts. As a constituent college of Karnatak University, Dharwad, it follows the government audit mechanism, which conducts timely checks on expenditures made through college funds and the finance department of Karnatak University. A team of government auditors visits the college annually to audit expenditures under

each budget head in the college office and individual departments. Auditors or chartered accountants also check the proper utilization of funds allotted for research schemes by different funding agencies. After the auditors submit their report, any objections are promptly addressed during reconciliation with the Accountant General, Government of Karnataka.

File Description	Documents
Paste link for additional information	https://kscd.ac.in/IQAC/2022_23/CRITERION_VI/6.4.1%20-%20Institution%20conducts%20internal%20and%20external%20financial%20audits%20regularly%20Enumerate%20the%20various%20internal%20and%20external%20financial%20audits%20carried%20out%20during%20the%20year%20with%20the%20mechanism%20for%20settling%20audit.pdf
Upload any additional information	View File

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 funds from various sources, including fees collected from students, salary grants from the government, and development and maintenance grants from the UGC. Details of these financial sources are as follows:

  1. Fees: The institution charges fees in accordance with

University and Government norms for students in various granted and self-financed courses.

2. **Salary Grant:** The college receives a salary grant from the State Government. An annual budget estimating the required salary grant, covering Full-Time Permanent teachers, non-teaching staff, and part-time teachers on granted posts, is prepared and sent to the state government.

3. **UGC Grants:** The college, having 2F and 12B status under the UGC Act and Permanent Affiliation of the University, receives grants from the UGC for infrastructure development, maintenance, and upgrading learning resources and research, including grants for Minor and Major Research Projects.

4. **Research Grants:** Many staff members, recognized as research guides by Karnatak University, Dharwad, actively engage in research work. Several faculty members have applied for and received major and minor research projects sanctioned by government and non-government funding agencies such as UGC, DST, DBT, SERB, NMPB, etc.

File Description	Documents
Paste link for additional information	https://kscd.ac.in/IQAC/2022_23/CRITERION_VI/6.4.3%20-%20Institutional%20strategies%20for%20mobilization%20of%20funds%20and%20the%20optimal%20utilization%20of%20resources.pdf
Upload any additional information	View File

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

Roadmap Preparation: IQAC prepares a comprehensive roadmap for program organization, circulating it to all departments for implementation. The schedule is discussed in IQAC meetings, considering suggestions for further action.

Academic and Administrative Audit through IQAC: The college conducts an annual academic audit for each department, office, library, hostel, and health center through IQAC. The expert committee submits its evaluation report to the Principal and IQAC, presenting it to HODs for suggestions and approval. IQAC works towards implementing the AAA committee's suggestions.

Stakeholder Feedback: IQAC collects and analyzes feedback from stakeholders, preparing an action taken report submitted to the relevant authority and upload iton the college website.

Maintaining a Green Campus: Regular environmental, green, and energy audits are conducted to ensure a sustainable and eco-friendly campus.

MOUs: Establishing Memoranda of Understanding with reputed institutions/agencies for collaborative activities.

Organizing programmes: Initiating inter and intra-institutional programs, including value-added courses, skill-based workshops, seminars, and quality circle promotions.

AQAR Preparation:The Annual Quality Assurance Report (AQAR) is being preparedfor submission to NAAC as per relevant guidelines and parameters. Periodically, IQAC reports are circulated among stakeholders for suggestions and feedback, and they are uploaded on the official website.

Additional Initiatives: Facilitating students to pursue special internships at reputed academic institutions, utilizing and enriching ICT facilities, adopting induction programs, organizing academic development programs, conducting placement drives, and assessing teachers' performance.

File Description	Documents
Paste link for additional information	https://kscd.ac.in/IQAC/2022_23/CRITERION_VI/6.5.1%20-%20Internal%20Quality%20Assurance%20Cell%20(IQAC)%20has%20contributed%20significantly%20for%20institutionalizing%20the%20quality%20assurance%20strategies%20and%20processes.pdf
Upload any additional information	View File

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 and learning, and to produce skill-based, employable graduates and postgraduates, various pedagogies, including project-based learning, self-

learning, student seminars, industry-assisted project work, and peer-assisted learning, are introduced. Project-based learning is incorporated into BCA and PG courses to improve understanding and enable students to apply knowledge in real-time. In this context, IQAC consistently reviews and takes steps to enhance the quality of the teaching-learning process.

The academic calendar is prepared in advance, displayed, circulated in the institute, and strictly followed. Notifications regarding admission to various programs, summer, winter, and mid-term vacations, examination schedules, and result declarations are included in the academic calendar. Newly admitted students are properly guided in the induction program, where they become familiar with the learning campus environment, the uniqueness of the education system, the teaching-learning process, continuous evaluation systems, compulsory core courses, various co-curricular activities, and the institute's discipline and culture. All students are acquainted with the campus and its various facilities. Before the commencement of classes for a particular semester, students are informed about the timetable, program structure, and course syllabi. Important announcements are made during the morning assembly, and the Principal monitors class attendance and conduct. IQAC collects feedback from students in virtual mode, and 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. Teaching-learning processes are regularly reviewed, and suggestions from IQAC are implemented

File Description	Documents
Paste link for additional information	https://kscd.ac.in/IQAC/2022_23/CRITERION_VI/6.5.2%20-%20The%20institution%20reviews%20its%20teaching%20learning%20process,%20structures%20&%20methodologies%20of%20operations%20and%20learning%20outcomes%20at%20periodic%20intervals%20through%20IQAC%20set%20up%20as%20per%20norms%20and%20recorded%20the%20increment%20(1).pdf
Upload any additional information	View File
6.5.3 - Quality assurance initiatives of the	B. Any 3 of the above

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)

File Description	Documents
Paste web link of Annual reports of Institution	https://kscd.ac.in/IQAC/2022_23/CRITERION_VI/6.5.3%20-%20Quality%20assurance%20initiatives%20of%20the%20institution%20include.pdf
Upload e-copies of the accreditations and certifications	**No File Uploaded**
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

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

As per the institute's vision and mission, the institute is providing equal opportunity for all the students and staff to augment gender equality.

- Student Secretaries are selected for GYMKHANA activities based on their merit-cum-roster rather than gender. This method removes the disparity among the male and the female students.
- SNEHA CELL provides support and addresses female student's grievances and maintains contact and encourages students to approach the faculties in case of any distress to get counsel.
- To address the women staff and girl students grievances, Women empowerment Cell is constituted.

- NSS and NCC:Opportunity for both male and female students is

provided for enrolment (50% each for 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 CCTV 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 overcomes such type of health issues.

File Description	Documents
Annual gender sensitization action plan	https://kscd.ac.in/IQAC/2022_23/CRITERION_VII/1_7.1.1%20Annual%20gender%20sensitization%20action%20plan.pdf
Specific facilities provided for women in terms of:a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://kscd.ac.in/IQAC/2022_23/CRITERION_VII/2_7.1.1%20Specific%20facilities%20provided%20for%20women.pdf

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	C. Any 2 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

Solid Waste Management:

The management of our institution has appointed sweepers and cleaning staff to remove the plastic and organic waste materials in the campus and dispose them effectively.Separate pits/dust bins are maintained in several places onthecampus.

Vermicompost Pit:

The degradable waste generated from our college,such as left-over eatables, and dried leaves from the garden is raw material for vermicompost. These raw materials are added every day (left-over eatables) and dried leaves are added every week to the vermicompost pit.

E-Waste Management:

All electronic e-waste materials like memory chips, motherboard, cartridges, computers printers, Fax, compact discsetc. generated by computer lab, electronics lab and physics lab are collected centrally and send to the University.

Hazardous chemicals and radioactive waste management: Basic science courses like department of physics uses weak radio isotopes (of allowed level of activity) supplied by authorized suppliers (permitted by DAE BARC) for teaching basic Nuclear Physics experiments to UG and PG Students.

Liquid Waste: The liquid waste includes sewage water, laboratory, cafeteria and hostel effluents.The sewage water generally will not contain any hazardous substances. it will be let into the drainage system. The liquid waste from experiments containing toxic substances from laboratory in department of chemistry, zoology, microbiology, biotechnology will be treated by using alternate chemicals, and mild hazardous substance will be neutralized in the laboratory level (by adapting Standard Operating Procedure).

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

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	View File

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	No File Uploaded
Any other relevant documents	No File Uploaded

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	B. Any 3 of the above

following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities

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

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
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 vision,and showstolerance 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 student's 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, whogenerally participate in cultural programsrepresentative of 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 the institute to conduct essay competitions 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 to current issues/problems present in the society by conducting special camp every year in villages.

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

Institution strongly believes on constitutional obligation, values, rights, duties and the responsibility of the citizens. In this direction, Karnatak University has made it mandatory to study Indian constitution. Along with this, college conducts several programmes to educate students about theirconstitutional obligation, values, rights, duties and responsibilities.

The following are the major programmes conducted to preserve the constitutional obligations.

1.Constitutional day: On 26th November 2022, the country celebrates as constitutional day. On this day, underthe leadership of the Principal of the college, constitutional day is observed.

2.Anti-Tobacco day:The youths are playing important role in nation building, it is the institution's responsibility to make them aware aboutthe importance of health, and to keep them away from bad habits. On the eve of anti-tobacco day, the college has arranged a special awareness program for students.

3.Anti-Terrorism day:It is also very important to make youthrespect all religions and to practice human values. Hence, on the eve of anti-terrorism day, the students voluntarily took an oath tooppose terrorism and to save people from any kind of terrorist activities.

4. Blood donation: On 14th of June 2022 ,blood donation camp was organised to help the needy.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://kscd.ac.in/IQAC/2022_23/CRITERION_VII/13_7.1.9%20-%20Sensitization%20of%20students%20and%20employees%20of%20the%20Institution%20to%20the%20constitutional%20obligations.pdf
Any other relevant information	Nil

7.1.10 - The Institution has a prescribed code of conduct for students, teachers,	A. All of the above

administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is 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	**No File Uploaded**
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	**No File Uploaded**
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, respectively, every year.

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

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

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

birthday as Teacher's Day on 5th September.

In addition, the 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 Women'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.

I. Research & Development:

Objective:

i) Create scientific curiosity among the students to think innovatively about possible developments and techniques.

ii) Creating platform for the students to interact with scientists and Professors from Premier institutes.

iii) Study tour and Industrial visits are arranged to inculcate interest in students on Science and Technology.

Context:

The instutution has study circles in all departments in order to create a platform for students to interact with scientists and to involve in extra-curricular scientific activities.

Evidence of Success:

Students are actively involved in conducting research along with their studies, as evidenced by their research publications and awards/certificates.

II. Solid waste management:

Objectives:

i.Waste generating places have been identified, and dustbins are placed to segregate wet and dry solid waste.

ii.Awareness has been created among the students about the impact of cleanliness on health and well-being.

iii.Campus green auditing and carbon-sequestration is taken up. Proper maintenance of e-waste isdone.

Context:

i.With two thousand students studying in the college, the generation of solid waste is natural. Hence, it is essential to develop protocols and healthy practices to keep the campus free from pollution.

ii. Wet waste is converted into a compost and using it as manure in the garden.

The Practices:

1. Dry solid waste is emptied by the municipal corporation, whereas the wet waste is dumped in pits for biocomposting.

2.Harnessing Solar Energy:SixSolar Hot water units of 500 litre each capacity was installed in Hostels.

File Description	Documents
Best practices in the Institutional website	https://kscd.ac.in/IQAC/2022_23/CRITERION_VII/16_7.2.1%20-%20Describe%20two%20best%20practices%20successfully%20implemented%20by%20the%20Institution%20as%20per%20NAAC%20format%20provided%20in%20the%20Manual.pdf
Any other relevant information	Nil

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

Research & Development:

Karnatak Science College dharwad has the unique distinction ofcontributing significantly tothe field of Research & Development.The faculties of the college are actively involved in interdisciplinary and multidisciplinary research. Twenty faculty members are recognized as research guides for guiding Ph.D scholars.The college has ten departments, out of which nine departments have been recognized as research centers bythe Karnatak University. The college undertakesresearch in the field of Physical Sciences, Biological Sciences and Earth Sciences. The faculties are engaged in a wide varietyof research viz, in synthesizing effective drug molecules, in developing effective methodologies for preparing biodegradable polymers, preparing biofuels from non-edible seeds, developing methods for eco-friendly electrodes and in identifying bioactive molecules in plants, anddeveloping polymer films/composite films for optical applications. Similarly, the departments concerned with life sciences areworking on biodiversity, medicinal and aromatic plants, biosystematic, microbiological evaluation and bioinformatics.During this academic year, 106 research articles have beenpublished in reputed international/ national journals.The Karnatak Science College also received grants from funding agency viz., DST-SERB. UGC, VGST worth more than Rs. 2 crores, and has procuredsophisticated instruments .The staff members are having h -index rangingfrom 3 to 14, and have published in journals with impact factor varying from 0.35 to 9.74. This type of research work is a distinctive feature of the college, and is unique among the degree colleges in the region.

File Description	Documents
Appropriate web in the Institutional website	**No File Uploaded**
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

1. Preparation of Calendar of Events:Committee will be prepare the calendar of events of the college.

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

3. To create awareness and initiate measures for protecting environment

4. To conduct Green audit, Energy audit and Environmental audit at regular intervals.

5. Conduct of Value Based Courses in all the departments

6. To conduct Skill Based Programs like communication skills and development of Soft Skills

7. To encourage and facilitate Research Culture, to promote Research by students and Faculty and Consultancy by Faculty.

8. To monitor Quality Assurance and Quality Enhancement activities of the Institution with the help of MOUs with reputed Institutions/Agencies.

9. To Implement suggestions made in the AAA Report by the Audit Team deputed by Karnatak University.

10. To conduct Outreach programmesin thenearby villages so that rural society will be benefitted from such programmes.

11.To conduct of training / conferences / seminars /workshops/symposium for updating and understanding new concepts/ ideas/technology.

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

10. Placement drive will be conducted by inviting resource persons and recruiters from professional/local bodies, NGO's and Govt. Organizations.

11. To prepare AQAR of the college in time and submit the same within the deadline specified by the NAAC.