

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

The institution has a well-organized and active Internal Quality Assurance Cell (IQAC) in place, constituted as per NAAC guidelines. The IQAC meets twice a year to plan, direct, implement, and evaluate teaching, research, and publication activities in the college.

# IQAC has contributed significantly in the following areas:

**Prepare Roadmap**: IQAC prepares a roadmap for organizing programs and circulates it to all departments, striving for implementation. The schedule is discussed in the IQAC meeting, considering suggestions for further course of action.

Academic and Administrative Audit through IQAC: The college conducts an annual academic audit of each department, office, library, hostel, and health center through IQAC. The expert committee submits its evaluation report to the Principal and IQAC, which is then presented to HODs for suggestions and approval. IQAC endeavors to implement the suggestions made by the AAA committee in its report.

**Feedback from Stakeholders:** IQAC collects feedback from stakeholders, analyzes it, prepares an action taken report, and submits it to the concerned authority for further action, ultimately uploading it to the college website.

**Keep the College Campus Green and Eco-friendly:** Environmental audits, Green audits, and energy audits are undertaken at regular intervals to maintain a green campus.

**MOUs**: Establishing Memoranda of Understanding with reputed institutions/agencies to carry out collaborative activities.

**Organize:** Initiating value-added courses and skill-based programs, both inter and intrainstitutional (workshops, seminars on quality-related themes, and promotion of quality circles).

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

**Other 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.

#### Awareness / Social welfare programmes

IQAC associated with SWO, NSS, NCC and other cells, various awareness and Social welfare programmes were organized:

**i) Anti tobacco day (4-6-2022)** : Anti -Tobacco Day 2022 was conducted by NSS volunteers of Karnataka science college associated with Karnatak Arts College, Dharwad. Chief Guest of the Programme was Dr. Shivanand Chougala, Principal KSCD Dharwad was presiding over the function, staff members and NSS voluntaries are participated in the programme.



Anti tobacco day; Resource person Shri. B.R. Patrot delivered a speech on harmful effects of chewing Tobacco and smoking.

**ii) World Environmental Day:** World Environmental Day was Celebrated on 5<sup>th</sup> June 2022. Nearly 100 plants were Planted in the Campus



### World Environmental Day celebration

**iii) Yoga training Camp:** 11 days free yoga training programme conducted by Karnatak Science College, associated with department of Yoga, Karnatak Arts College Dharwad from 11-06 to 21-06-2022.





Yoga Performance by participants

**iv) Blood Donation Camp:** Blood Donation Camp was Conducted by NSS Volunteers Karnatak Science college Dharwad. The programme was Inaugurated by Shree Ravikumar Maaliger, Syndicate Member of Karnatak University Dharwad. The Chief Guest of this function was Rtn Dr, Prakash S Ramangoudra. Dharwad MD ( int Med.) Presided by Dr. K. B. Karadoni Principal of Karnataka Arts College Dharwad. Dr. S C Chougala Principal Karnatak Science college Dharwad. The Special Invites of this function Dr M B Dalapati NSS Co-Ordinater Karnatak University Dharwad And Dr Nandeesh Rotarey blood Bank, Medical Officer Dharwad. 160 Students were donated blood in this camp.



**Blood donation Camp** 

# v) JATHA on the Eve of Azadi Ka Amrut Mahostava:



**vi) State Level Seminar:** State Level Seminar conducted on 19-08-2022 on the View of Azadi Ka Amrut Mahostava conducted by Karnatak Science College, Dharwad



Certificates received by the participants

**vii) Free Oral And Dental Check up Programme:** Karnatak Science College, Dharwad associated with District Health and Family Welfare Department Dharwad was conducted Free Oral And Dental Check up Programm on 29/10/2022. Lecture on the effects of decayed teeth and oral diseases was aarranged.

Principal of Karnataka Science college Dr. S C Chougala, NSS Program Officer Dr. S. S. Mangalawede, KUD Health Officers Dr. Tanuja, Taluka Health Officer Dharwad, Umesh

Hiremath , Dental Hygienist Dr. Vidyavati Patil, Dr. Shruti, & Dr. Ratna RBSK Team Dharwad. And Mrs. Christina Health Education Officer were present in the programme.





ಧಾರವಾಡದ ಕರ್ನಾಟಕ ವಿಜ್ಞಾನ ಕಾಲೇಜಿನಲ್ಲಿ ದಂತ ತಪಾಸಣಾ ಶಿಬಿರ ನಡೆಯಿತು. ಕಾಲೇಜು ಪ್ರಾಚಾರ್ಯ ಡಾ.ಎಸ್.ಸಿ ಚೌಗಲಾ, ಡಾ.ಎಸ್.ಎಸ್. ಮಂಗಳವೇಡೆ, ಡಾ.ಸರಸ್ವತಿಮಾಸ್ತಿ,ಪಿ.ಪಿ.ಕುಲಕರ್ಣಿ,ಡಾ.ತನುಜಾ,ಉಮೇಶಹಿರೇಮಠ,ಡಾ.ವಿದ್ಯಾವತಿ ಪಾಟೀಲ್, ವಸಂತ ಕಟ್ಟಿಮನಿ, ಡಾ.ಶ್ರುತಿ, ಡಾ.ರತ್ನ ಮೊದಲಾದವರಿದ್ದರು.

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**viii) Kannada Rajyotsava Celebration:** The Karnatak Science College NSS unit Dharwad celebrated Kannada Rajyotsava on 01-11-2022 to develop Regional culture, tradition, and love of regional nation among the students.



#### KANNADA RAJYOTSAVA CELEBARATION

**ix) Plantation programme:** Plantation programme conducted on 05-11-2022 at Karnatak Science College campus, Dharwad by our college, NSS unit. Dr. S. S. Mangalawade Programme officer delivered about the importance of Plantation.



# **Plantation Programme**



### x) 13th Febuary-2023 conduced sports for NEP students

### Sri. Govindappa, Physical Director, Instructed for playing Kho Kho game.

In view of Jagajyoti Basaveswar Jayanti celebration, Karnatak Science College Gymkhana has organized an essay competition on Vachana analysis on 20-4-2023. The cash prizes

were distributed by our Principal, Dr. S.C. Chougala at the function held on 23-4-2023 at 10:30 am at Basava garden, Karnatak science college, Dharwad. The following students received the cash prizes:

1. Mr. Basavaraj Hoogar from Karnatk Arts College won the first prize of Rs. 1000/-

2. Mr. Akash Hunsanur from Karnatk Arts College won the second prize of Rs. 750/-

3. Ms. Chaitra Hiremath from Karnatak Science College won the third prize of Rs. 500/-

### 5. Organized academic development Programmes:

The IQAC organizes various academic development programmes, like soft skill development and programmes on improving the quality of education.

**Outcome:** Teaching learning was effective through these IQAC initiated programmes.

### Conferences/workshops/seminars/training programmes/etc.,

**i) 32<sup>nd</sup> Annual Conference** on "the contribution of Angiosperm diversity to human wellbeing and the risks associated with its decline"Organized by Department of Botany, Karnatak Science College, Dharwad in collaboration with The Indian Association for Angiosperm Taxonomy from 11<sup>th</sup> to 13<sup>th</sup> November-2022.



Picture 1. Vice Chancellor of Karnatak University, Dharwad, Prof. Gudasi delivering the presidential address during the inauguration of the National Conference on 11th November 2022, in Srijina Auditorium, KCD Campus, Karnatak College, Dharwad.

**ii) Two Days Workshop: Two days workshop on Research Methodology** was organized for teachers, Research Scholars and all PG Students of Physics, Chemistry, Mathematics and Botany subjects on 15<sup>th</sup> and 16<sup>th</sup> Feb - 2023. This workshop was inaugurated by Prof. H.B. Walikar, Former Vice Chancellor of Karnatak University Dharwad. 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 participated.



Inauguration of two day workshop for PG students

**iii) 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 15<sup>th</sup> 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.

**iv) 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 19<sup>th</sup> 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 1<sup>st</sup>,2<sup>nd</sup>,and 3<sup>rd</sup> prizes with the prize money Rs.10,000/-,5000/- and 2500/- respectively.

**v) One day workshop:** The Einstein Study Circle forum of Department of Physics, Karnatak Science College, Dharwad had organized "**One day workshop on Gamma Ray Spectroscopy (GRS)**" on 4<sup>th</sup> May 2023.





ONE DAY WORKSHOP ON Gamma Ray Spectroscopy

**vi) One-Day Workshop on Intellectual Property Rights:** One Day Training Programme on Intellectual Property Rights was organized on 24<sup>th</sup> May, 2023 from 10:30 am to 5:30 pm for teaching and non teaching and students.. 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.

**vii) Student Counseling**: counseling Programme for BSC/BCA Students was organized on 25<sup>th</sup> 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.

**viii) 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 27<sup>th</sup> 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.

# ix) One Day Virtual Workshop:

One Day Virtual Workshop for Degree Students of Dharwad District on Soft Skills for Career Growth was arranged on 27<sup>th</sup> 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.

### x) One-day Training Programme:

One-day Training Programme for Laboratory Staff on Lab Safety and Lab Maintenance was arranged on 29<sup>th</sup> 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.

**xi) Parents 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.

**xii) One day Training Programme:** One day Computer Training Programme for Office Staff was conducted on 31<sup>th</sup> 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

### 6. Placement Drive:

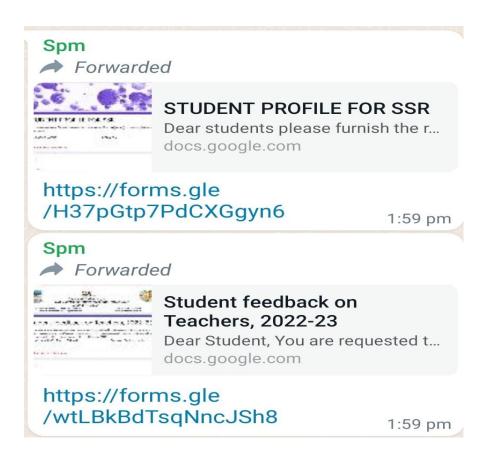
IQAC proposed to conduct regular placement drives in the courses like BCA, B.Sc. (CS), and M.Sc (Physics).

**Outcome:** Accordingly, these departments have conducted placement drives and many students from these departments have been selected by many private companies and service providers (corporate sector).

### 7. Assessment of teacher's performance:

An effective feedback mechanism was adopted by IQAC to collect the students feedback about the teachers in the online mode (Google forms), focusing on different academic aspects. After analysis, the performance report of each individual teacher is represented in the graphical form, and the same is submitted in a sealed envelope to the Principal, with a request to serve the same to the teachers.

**Outcome:** Individual teacher comes to know about their academic performance, and this paves the way for an improvement in their future performance.



### PARAMETERS CONSIDERED FOR FEEDBACK FROM THE STUDENTS ON TEACHERS:-COLLEGE AS A WHOLE

Question	Parameter
No.s	
1	Teacher covers the entire syllabus
2	Teacher discusses topics in detail
3	Teacher possesses deep knowledge of the subject taught
4	Teacher's communication with students
5	Teacher inspires me by his/her knowledge in the subject
6	Teacher punctual to the class
7	Teacher engages the classes for the full duration and completes the
	syllabus in time
8	Teacher comes prepared for the class
9	Teacher provides guidance and counselling for academic and non-
	academic matters in / outside the class
10	Teacher encourages students participation and discussion in class
	(Teacher Student, Student-Teacher)
11	Teacher pays special attention to slow learners as well
12	Teacher relates the course material with present situations
13	Teacher's attitude towards the students friendly and helpful
14	Teacher attend students queries in the class
15	Teachers overall attitude in the class
16	Internal examinations and Periodical assignments were conducted as
	per schedule
17	Question paper covers all the topics in the Curriculum
18	Teacher is fair and unbiased in the evaluation Process
19	Overall