



ಸ್ವಾತಂತ್ರ್ಯ
ಅಮೃತ ಮಹೋತ್ಸವ

**Karnatak University's,
KARNATAK SCIENCE COLLEGE, DHARWAD
NAAC Accredited**

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Email: principal.kscd@gmail.com Web: www.kscd.ac.in



2.3.1: Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences and teachers use ICT- enabled tools including online resources for effective teaching and learning process.

Our college adopts the experiential learning, participatory learning and problem solving learning methods for enhancing learners learning experience.

Participatory Learning Methods

- Seminar
- Home Assignments and Presentations
- Group discussions
- Case Analysis
- Role plays

In addition to classroom learning, our institution provides quality education through invited talks, guest lectures, seminars, training workshops, and orientations. These activities aid in achieving our set academic goals, program outcomes, and course objectives. Co-curricular and extra-curricular activities are integral to the holistic education of our students. Various squads such as the Cultural Club, Sports Club, NSS, NCC, and Quiz Club contribute to this.

Student participation in Intra and Inter-Collegiate Competitions, cultural events, sports and games at district/state/national and international levels enriches their professional ethics and social responsibilities. Participatory learning among students is facilitated through innovative components in our Modular Assessing Panel, such as group discussions, quizzes, poster presentations, games, simulation exercises, and demonstrations.

Experiential Learning Methods

- Learning by Doing (LbD)
- Projects Designs
- Minor Project
- Major Project
- Industry internship
- Field work

The outcomes of our institution's courses and programs are based on a combination of theory and practical learning for all subjects. This approach allows students to grasp theoretical concepts while also engaging in hands-on practical sessions. Demonstrations and practical experiments

provide essential training to prepare students for potential careers in industry. Industrial visits and field trips serve as supplements to the core learning program, offering real-world insights.

Students are equipped with ample learning tools such as Google Classroom and the National Digital Library of India (NDLI). Additionally, communicative skills and career skills training aid in personality development, boosting students' confidence for placement interviews. The placement officer arranges training programs for targeted students during summer vacations, focusing on enhancing communication, aptitude, and logical thinking skills, making them industry-ready.

Problem Solving Methods

- Collaborate in Technical Forums such as Evogen.11.0, Tantrastra, Takshak-2K2 2020
- Case Studies are given for students to build solutions to problems

Students collaborate in technical forums such as 'Evogen 11.0,' 'Tantrastra,' and 'Takshak-2K2 2020.' This method involves coding, networking, gaming, designing, debating, and content creation, allowing students to share and discuss their technical skills.

The performance of students in all events was excellent. Case studies are provided for students to develop solutions to real-world problems. Additionally, students are taught to build applications by developing various projects as part of the curriculum

In our college, students visit agro-based units, fields, and industries, which helps them comprehend the curriculum better. Students regularly participate in workshops, conferences, cultural events, and a variety of competitions held both inside and between colleges.

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 at the 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 students' pursuit of excellence.

Small 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.

PARTICIPATORY LEARNING METHODS

- Seminar
- Home Assignments and Presentations
- Group discussions
- Case Analysis
- Role plays

SEMINAR SESSIONS



Seminar Session: B. Sc II Semester - Microbiology DSCC
Z-2 Hall, Department of Zoology.



Seminar Session: B. Sc II Semester Microbiology DSCC
Venue: Z-2 Hall, Department of Zoology- 25-01-2022



STUDENTS PRESENTING SEMINAR USING ICT FACILITY



B. Sc II Semester students - Industrial Fish & Fisheries (DSCC) presenting seminar in Industrial Fisheries Laboratory,

Seminar presentation using ICT facility.
B. Sc I Semester - Microbiology DSCC
Venue: Microbiology Laboratory, 27-01-2022

Nuclear reactions are accompanied by the emission of charged particles such as alpha, protons, electrons, uncharged neutrons and electromagnetic radiations like gamma rays and X rays. In order to understand the properties of these particles or radiations and also their interactions with the atomic nuclei, different types of nuclear detectors are employed. Examples for these detectors are GM counter, proportional counter, ionization chamber, Si (Li) and HPGe semiconductor detectors, Inorganic and organic scintillators, photographic emulsions, Cerenkov detectors and Bubble chamber. Most widely used detector is NaI (Tl) scintillator Gamma Ray Spectrometer. It is reported that around 300 radio nuclides can be easily detected with this detector. This GRS is used extensively in the study of nuclear structure, nuclear transitions, nuclear reactions, in space research, and also in the elemental and isotopic analysis.

The Einstein Study Circle forum of Department of Physics, Karnatak Science College, Dharwad had organised one day workshop on Gamma Ray Spectroscopy (GRS) on 4th May 2023 for B.Sc. VI semester students. Twenty students participated in this workshop. The workshop was inaugurated by Principal, Dr. S.C. Chougala. In his inaugural address, Principal emphasised on developing additional skills along with the regular academic programme. Prof. M.R. Ranganath, H.O.D., Department of Physics, accentuated the merits of GRS in the campus

and motivated the students to involve actively in the workshop. Dr. (Smt.) Nirupama J.M., Chairperson, Einstein Study Circle, highlighted about the objectives and importance of the workshop.

In the morning session, resource person, Dr. Nirupama J.M. gave a lecture on classification of detectors, working principle of NaI(Tl) scintillator detectors, basic mechanisms involved in the interaction of Gamma rays with the material of the detector and applications of the nuclear detector in various fields. Resource person, Prof. Blaise Lobo elucidated about different parts of the Gamma Ray Spectrometer, conversion of light output into electrical signal, signal processing, pulse height analysis, energy calibration and data acquisition. In the afternoon session, Resource persons Mr. R.C. Yadav and Prof. M.R. Ranganath gave hands on training to the students on Gamma Ray Spectrometer.



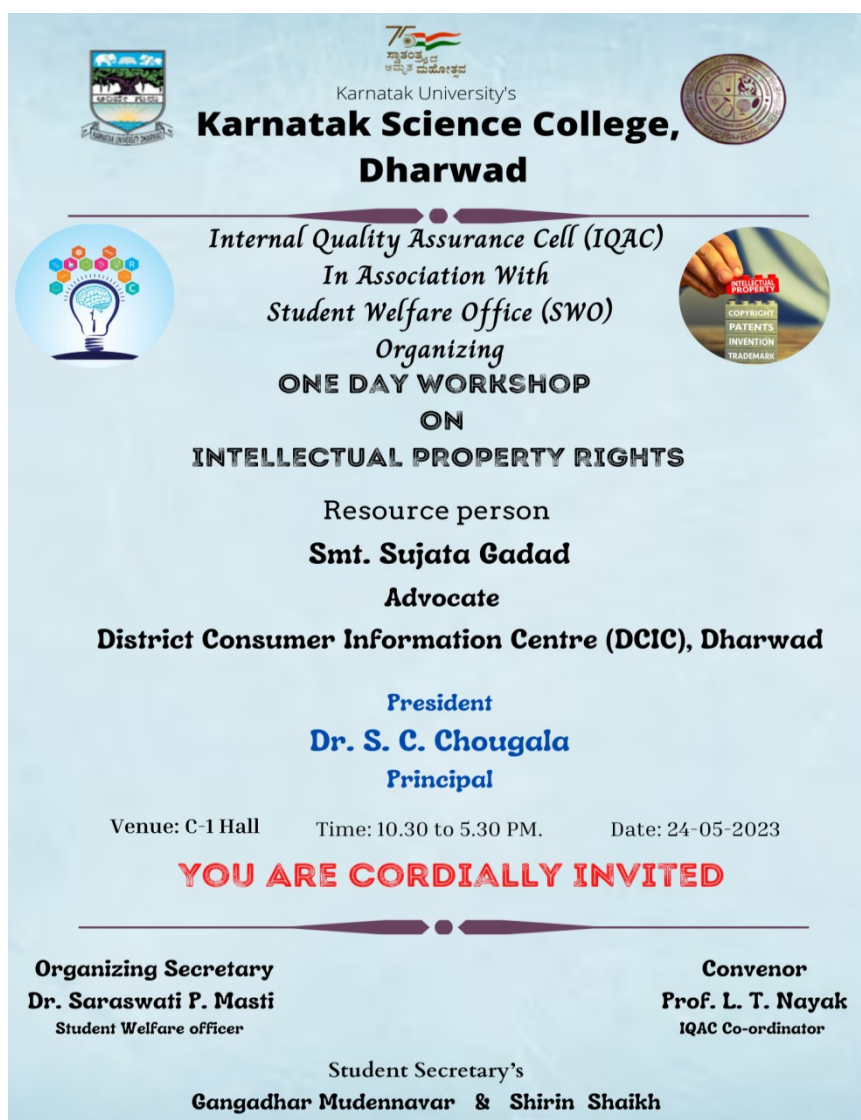
Kumari Srushtri Hebballi sung invocation song on the occasion of ONE DAY WORKSHOP ON Gamma Ray Spectroscopy.







Student and Staff participating in ONE DAY WORKSHOP ON Gamma Ray Spectroscopy

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.



 
Karnatak University's
**Karnatak Science College,
Dharwad**

 *Internal Quality Assurance Cell (IQAC)*
In Association With
Student Welfare Office (SWO)
Organizing
ONE DAY WORKSHOP
ON
INTELLECTUAL PROPERTY RIGHTS 

Resource person
Smt. Sujata Gadad
Advocate
District Consumer Information Centre (DCIC), Dharwad

President
Dr. S. C. Chougala
Principal

Venue: C-1 Hall Time: 10.30 to 5.30 PM. Date: 24-05-2023

YOU ARE CORDIALLY INVITED

Organizing Secretary
Dr. Saraswati P. Masti
Student Welfare officer

Convenor
Prof. L. T. Nayak
IQAC Co-ordinator

Student Secretary's
Gangadhar Mudennavar & Shirin Shaikh

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.

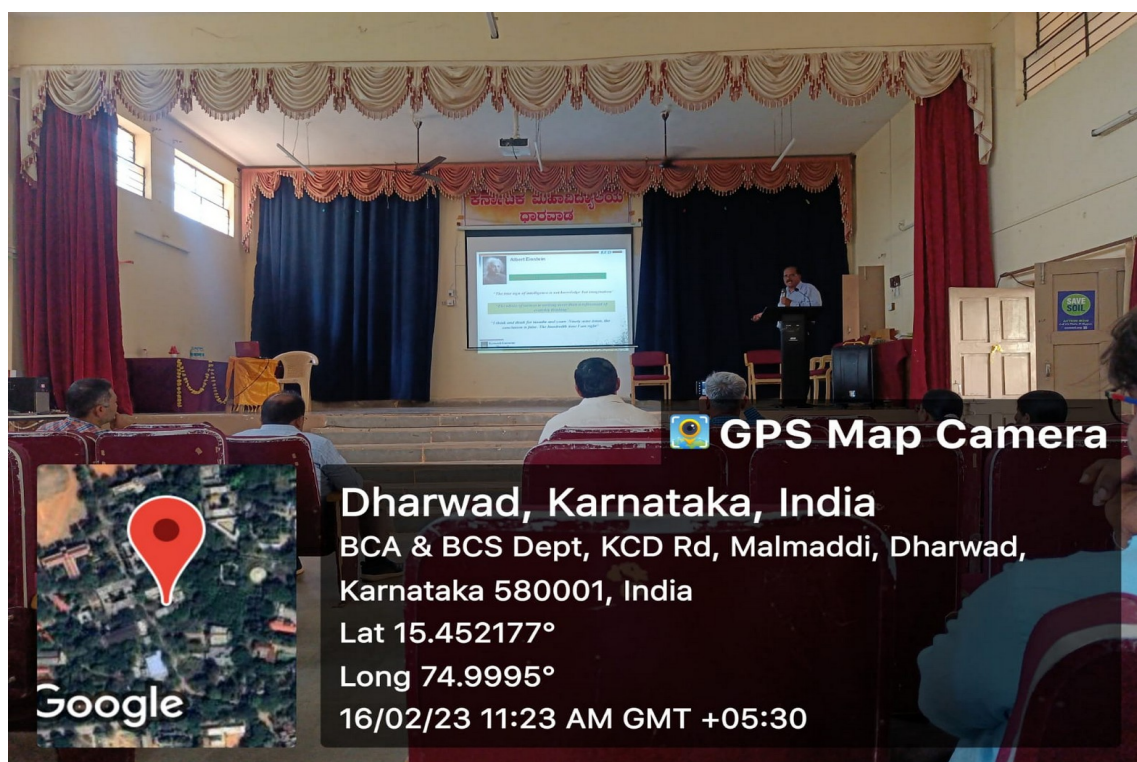
The poster is divided into two main sections. The left section, on a light orange background, lists the roles and names of the organizing staff: Chief Patron (Prof. K. B. Gudasi), Patron (Shri. Yashpal Kshirsagar, IFS), Co-patron (Dr. S. C. Chougala), Convener (Prof. L.T. Nayak), and Organizing Secretaries (Dr. Smt. Saraswati P. Masti, SWO and Smt. Kalpana Dalwai). It also lists Organizing Members (Prof. S. Manjunatha, Prof. S. D. Dhumwad, and Dr. Nirupama J. M.). The right section, on a white background, features the logos of Karnataka University and Karnatak Science College, Dharwad. It states that IQAC & SWO are organizing the workshop. The title is 'One Day Virtual Workshop on Soft Skills for Career Growth: Intra and Interpersonal Skills, Work Ethics, and Leadership Qualities'. The resource person is Dr. Manali Karmakar, Assistant Professor of English at VIT Chennai Campus. The date is 27th May, 2023, and the time is 11:00 AM. A Google Meet link is provided: <https://meet.google.com/zyo-ejrp-voo>. The poster concludes with 'YOU ARE CORDIALLY INVITED' and a decorative flourish at the bottom.

The screenshot shows a Google Meet interface during the workshop. The browser address bar displays the meeting link: meet.google.com/zyo-ejrp-voo. The meeting grid shows several participants with their names and profile pictures: Manjushree Gunaki, GAnapati Taraso, Suhasini Madihalli, Mohammed Rouf, SUPRIYA MIRASHI, sanagamesh awati, and Ningu Math. A 'You' tile shows two participants. At the bottom, the meeting controls are visible, including a microphone icon and a timer showing 12:39 PM. A notification at the bottom of the grid says 'Turn off microphone (ctrl + d)'. The total number of participants is indicated as 36.

One day virtual workshop screenshot of participants

TWO DAY WORKSHOP ON RESEARCH METHODOLOGY

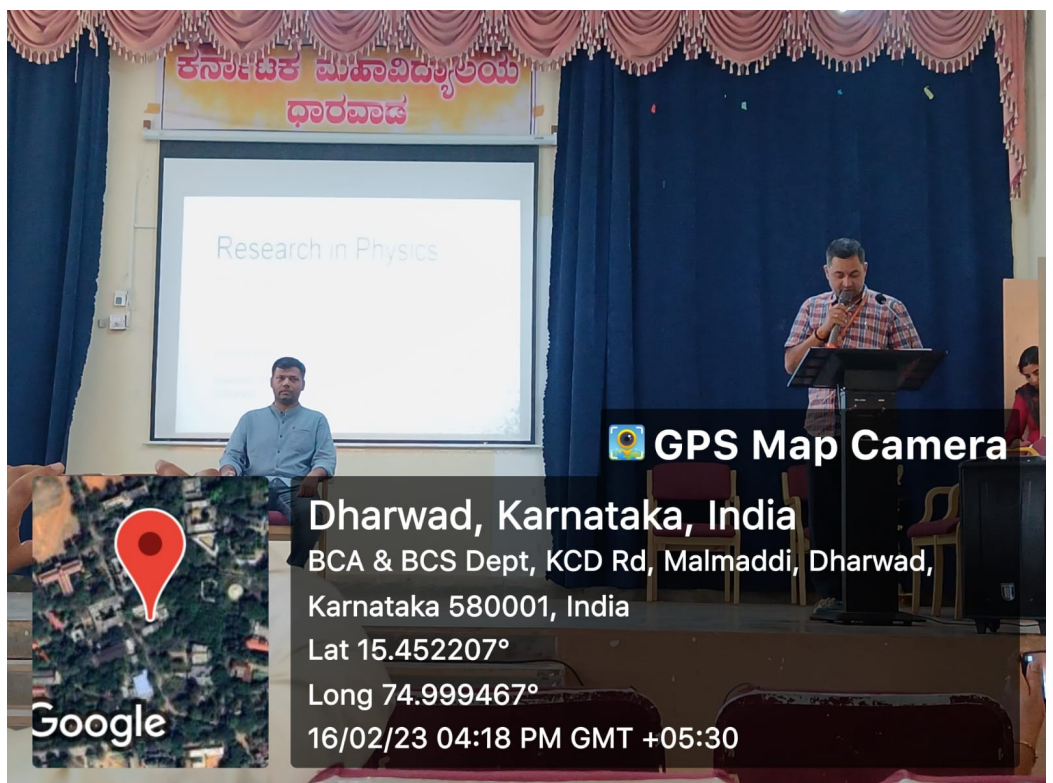
Two day workshop on Research Methodology : Two Days Workshop was organized on Research Methodology for all the PG Students of Physics, Chemistry, Mathematics and Botany subjects on 15th and 16th Feb, 2023. This workshop was inaugurated by Dr. H.B.Walikar, former Vice Chancellor, Karnatak University Dharwad 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.



Dr. Nilkamal Mahanta, Head, Department of Chemistry, IIT - Dharwad delivering a invited talk.



Staff of the College introducing the Resource person



Dr. M.R.Ranganath Department of Physics giving the introduction of Dr. M. K. Rabinal, Professor, Department of Physics, Karnatak University, Dharwad



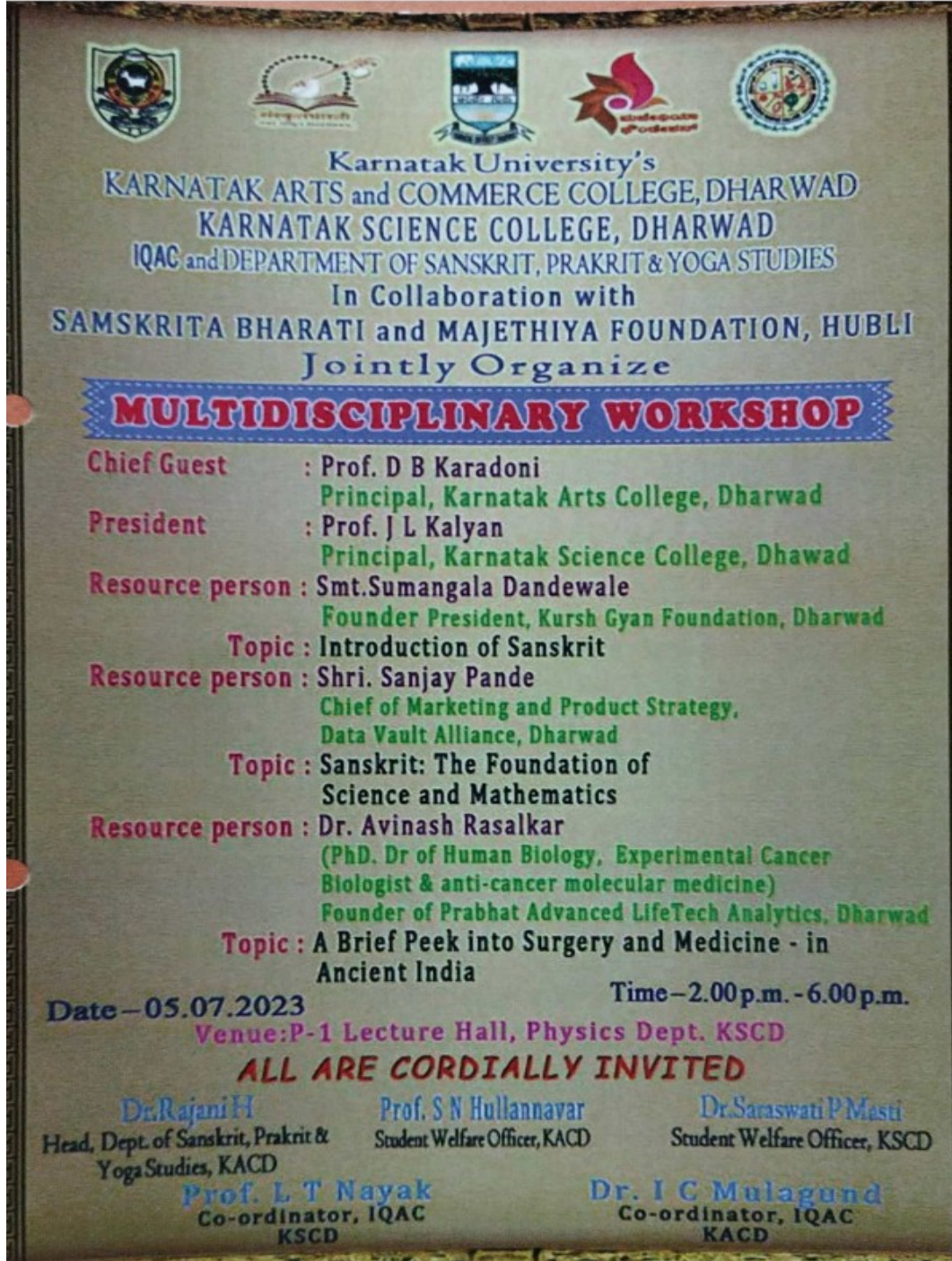
Dr. M. K. Rabinal, Professor, Department of Physics, Karnatak University, Dharwad giving a lecture.



Dr. Koushik Saha, Assistant Professor, Department of Physics, IIT Dharwad, delivered lecture on the History of Evolution of Science and Physics.

MULTIDISCIPLINARY WORKSHOP: SANSKRIT'S DIVERSE ASPECTS

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.



The poster features five logos at the top: Karnatak University, Karnatak Arts and Commerce College, Karnatak Science College, IQAC, and the Department of Sanskrit, Prakriti & Yoga Studies. Below the logos, the text reads: 'Karnatak University's KARNATAK ARTS and COMMERCE COLLEGE, DHARWAD KARNATAK SCIENCE COLLEGE, DHARWAD IQAC and DEPARTMENT OF SANSKRIT, PRAKRIT & YOGA STUDIES In Collaboration with SAMSKRITA BHARATI and MAJETHIYA FOUNDATION, HUBLI Jointly Organize'. A blue banner with white text reads 'MULTIDISCIPLINARY WORKSHOP'. The poster lists three resource persons with their topics, dates, and venues. At the bottom, it lists the heads and coordinators of the organizing departments.

Chief Guest : Prof. D B Karadoni
Principal, Karnatak Arts College, Dharwad

President : Prof. J L Kalyan
Principal, Karnatak Science College, Dhawad

Resource person : Smt. Sumangala Dandewale
Founder President, Kursh Gyan Foundation, Dharwad
Topic : Introduction of Sanskrit

Resource person : Shri. Sanjay Pande
Chief of Marketing and Product Strategy,
Data Vault Alliance, Dharwad
Topic : Sanskrit: The Foundation of
Science and Mathematics

Resource person : Dr. Avinash Rasalkar
(PhD. Dr of Human Biology, Experimental Cancer
Biologist & anti-cancer molecular medicine)
Founder of Prabhat Advanced LifeTech Analytics, Dharwad
Topic : A Brief Peek into Surgery and Medicine - in
Ancient India

Date – 05.07.2023 **Time** – 2.00 p.m. - 6.00 p.m.
Venue: P-1 Lecture Hall, Physics Dept. KSCD

ALL ARE CORDIALLY INVITED

Dr. Rajani H
Head, Dept. of Sanskrit, Prakrit &
Yoga Studies, KACD

Prof. S N Hullannavar
Student Welfare Officer, KACD

Dr. Saraswati P Masti
Student Welfare Officer, KSCD

Prof. L T Nayak
Co-ordinator, IQAC
KSCD

Dr. I C Mulagund
Co-ordinator, IQAC
KACD

ANTI-TOBACCO DAY

The NSS volunteers of Karnatak Science College Dharwad (KSCD) conducted an awareness programme on the occasion of “Anti-Tobacco Day”, on 04-06-2022. In this programme, 50 NSS volunteers participated. On this occasion, Dr. Shivanand Chougala, Principal of KSCD was the Chief Guest, who highlighted the negative impact of chewing tobacco and he commented that the number of tobacco consumers has increased nowadays. In this programme, the staff of the Health department of Government of Karnataka were the Resource persons. The NSS officer and the NSS volunteers of KSCD actively involved themselves in this programme.



NSS volunteers taking oath against the practice of chewing tobacco and smoking.

OBSERVING WORLD ENVIRONMENT DAY BY CLEANING THE COLLEGE CAMPUS

Instead of just one day, the World Environment Day was observed on two days (03-06-2022 and 05-06-2022) in KSCD. The occasion was marked by digging pits in the campus as well as outside the campus, wherein 100 saplings were planted by the NSS volunteers. In this program, 60 NSS volunteers actively participated. On second day, that is on 05-06-2022, 80 NSS Volunteers and staff members of the College participated in the programme and in the Plant Protection Jataa.



Digging pits and cleaning the campus.



NSS Volunteers involved in the process of plant protection and plantation of samplings in and around the campus.

ELEVEN DAYS FREE YOGA TRAINING CAMP .

A 11 days free Yoga camp was organized from 11-06-2022 up to 21-06-2022 at Karnatak Science College Dharwad to mark the occasion of International Yoga Day (21st of June). Prof. K. B. Gudasi, Hon'ble Vice Chancellor, Karnatak University, Dharwad inaugurated the programme. Shri Yashpal Kshirasagar, Registrar, Karnatak University, Dharwad was the Chief Guest of the programme, while Dr. Anjana Tambragundi, the Finance officer of Karnatak University Dharwad was the Guest of Honor. The programme was presided by Dr. K.B.Karadoni, Principal of Karnataka Arts College, Dharwad. Dr. S C Chougala, the Principal of Karnatak Science College Dharwad and Dr. Shantaram Hegade, the Principal of Karnatak Music College Dharwad were present on the stage during this programme. In this training camp, 100 volunteers benefitted by learning Yoga. The camp was scheduled from 6:30AM up to 7:30PM on all the days of the camp. The Yoga Training Camp organized by KSCD was a grand success.



Teaching and non-teaching staff of KSCD as well as the participating students were full of exuberance and participated with enthusiasm to make this event a huge success.

BLOOD DONATION CAMP.

On 14th June 2022 (Tuesday), the NSS Unit of Karnatak Science College Dharwad organised a blood donation camp-to help the Civil Hospital patients. The camp took place in the College Central Library. The camp was inaugurated by Shri Ravikumar Maliger, Member of the Syndicate of Karnatak University, Dharwad. Dr. Prakash S. Ramangoudra , the Medical Director of Dr Prakash Ramangoudar Clinic, Dharwad was the Chief Guest. Dr. K.B.Karadoni, the Principal of Karnataka Arts College, Dharwad presided over the function. Dr. S. C. Chougala, Principal of Karnatak Science College, Dharwad was one of the dignitaries present on the occasion. Dr. M. B. Dalapati, the NSS Program Coordinator of Karnatak University, Dharwad and Dr. Nandeesh, Medical Officer of Rotary blood Bank, Dharwad were the special invitees. During this camp,160 students donated their blood. The function started at 9 o'clock in the morning. Apart from students, many members of the public also participated. The blood collected during this camp was taken by the Rotary Blood Bank, Dharwad. The college had arranged refreshments for those who donated blood in the camp. Students and other people who had participated in this blood donation camp were given certificates. After the completion of the event, the Principal of KSCD thanked and appreciated everyone present in the camp. The day ended with the recital of the National Anthem, preceded by a heartfelt vote of thanks from the Principal of the college.



INTERNATIONAL YOGA Day

On June 21st, 2022, the students and staff members of Karnatak Science College, Dharwad celebrated International Yoga Day with great enthusiasm. The event was attended by the Department Heads/Principal and staff members from different departments, all of whom demonstrated a keen interest in this practice. Altogether, 100 volunteers participated in the event, which was organized in the college playground.

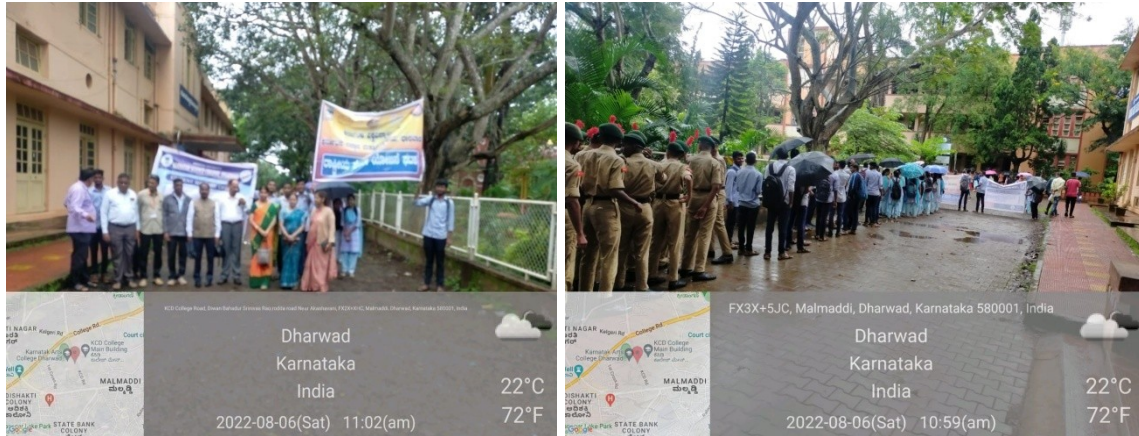
The event commenced with a comprehensive introduction to Yoga by Dr C.R. Lamani, a Yoga Trainer. Mr D.B.Govindappa, the physical instructor of KSCD welcomed and introduced the dignitaries to the audience. The program kicked off with warm-up exercises, in which all the faculty members actively participated. Dr. Chandru Lamani and Shri Govindappa guided the participants regarding various sitting and standing yogic postures (asanas), with simultaneous explanation about their significance. The instructors emphasized the importance of incorporating yoga in daily life, and maintaining harmony between body and mind. The session lasted for over an hour, witnessing active participation and engagement from all attendees. The yoga instructors provided detailed explanations about each pose, and offered guidance on precautions to be taken. Undoubtedly, it proved to be a successful event.

Under the supervision of NCC officer, the Sports Instructor Mr. D.B.Govindappa and the Yoga Trainer, Dr C.R. Lamani, the International Yoga Day celebrations reached a triumphant culmination. The event was executed flawlessly, leaving a lasting impact on all the participants. The vote of thanks was by Dr. Jyoti Gokavi.



A group of students displaying their flexibility and strength on the occasion of celebration of international yoga day at KSCD.

JATHA ON THE EVE OF AZADI KA AMRUT MAHOSTAVA



Staff members, NSS and NCC volunteers who took part in the Jatha to spread awareness about ‘Azadi Ka Amrit Mahotsav’.



Photographs taken on the occasion of Azadi Ka Amrit Mahotsav’ Flag Jatha

Azadi Ka Amrit Mahotsav is an initiative of the Government of India to celebrate and commemorate 75 years of independence and the glorious history of its people, culture and achievements. In this regard, Karnatak Science College Dharwad conducted the following events:

- A Jatha Program was organised to spread awareness about ‘Azadi Ka Amrit Mahotsav’ on 06-08-2022. Seventy students participated in this Jatha.
- A bicycle JATHA was organized by NSS Volunteers on the eve of “Azadi Ka Amrut Mahostava” celebrations.



Cycle jatha was organized by NSS volunteers of Karnatak Science College Dharwad on the occasion of “Azadi ka Amrut mahotsav”

CELEBRATION OF WORLD DAIBETES DAY: WALKTHON.

On the occasion of World Diabetes Day (that is, on 14th November 2022) the NSS unit of Karnatak Science College Dharwad in association with the Rotary club and the health department of Dharwad organized a Walkathon (to observe Diabetic day). In fact, World Diabetes Day was observed by KSCD on the 13th and 14th of novemeber, 2022. The Jatha started from college campus at 8.00 am and reached Kalabhavan, and from there, the procession moved towards the market area of Dharwad city. The NSS Volunteers and other participants organized a campaign in the market area to spread awareness about diabetes. In this program, 90 NSS Volunteers, ten rotary club members and six health department staff participated.



The NSS volunteers of KSCD spreading the message of “prevention and care” on the occasion of World Diabetes day.

VOTERS AWARENESS JATHA

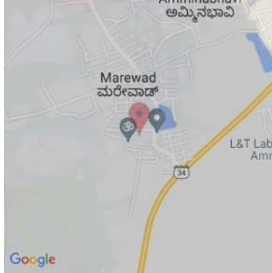
A “Voters Awareness Programme” was conducted on 04-05-2022 in Karnatak Science College Campus and outside the campus to spread the message of the power of democracy in action by casting the Vote. In this Jatha, 50 Volunteers and staff of the college were present. Dr. S. C. Chougala, the Principal of Karnatak Science College Dharwad, Dr. S. S. Mangalawede, the NSS Programme Officer, Prof. Kiran P Kolkar, Dr. Chebbi and NSS volunteers of KSCD were present on the occasion.



Karnatak Science College staff and NSS Volunteers participate in the process of spreading awareness about the “Power of Voting”, by organizing a Voter Awareness Jatha.

SEVEN DAYS NSS CAMP AT MAREWAD

Shramadana by NSS volunteers: Cleaning the Government High school located at Marewad



G2JX+RPR, Marewad, Karnataka 580201, India

Marewad
Karnataka
India



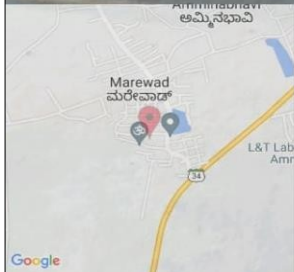
29°C

84°F

2023-02-18(Sat) 10:53(am)



Jatha to spread awareness about the negative impact of aversion for the Girl Child , environment pollution and its prevention by NSS Volunteers of Karnatak Science College, Dharwad.



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Latitude	15.532315	15°31'56" N
Longitude	75.049211	75°2'57" E

2023-02-21(Tue) 07:55(am)



	Decimal	DMS
Latitude	15.532315	15°31'56" N
Longitude	75.049211	75°2'57" E

2023-02-21(Tue) 07:55(am)

Practising Yoga - for Green Breath was taken up by NSS Volunteers and students of KSCD at Mariwad Village.

STATE LEVEL SEMINAR ON THE EVE OF AZADI KA AMRUT MAHOSTAVA

Karnatak University,Dharwad organized one day state level seminar on 19-08-2022 on eve of Aazadi Ka Amrut Mahotsav at Karnatak University, Where 80 NSS Volunteers of our college have participated and won the prizes.



Prof.(Dr.)C.Krishnamurthy,Registrar Evaluation, Karnatak University,Dharwad presenting certificates.



NSS Volunteers who won the prizes exhibiting their certificates

KOTI KANTA GAYANA

NSS Volunteers of Karnatak Science College Participated in **KOTI KANTA GAYANA** Programme on 28/10/2022 organised in karnatak college. Shri. Prahlad Joshi, Minister of Parliamentary affairs of India, Shri . Aravind Bellad, Member of the karnataka legislative Assembly, Shri. Amrut Desai, Member of the Karntak Legislative Assembly, Gurudatta Hegade , District Commissionar Dharwad , Shri. Yashpal Kshirsagar, Registrar KUD, S C Chougale , Principal Science and Dr. Karadonbi ,Principal Arts College were Present in this Function. In this particular function 90 NSS Volunteers were part of the function.



NSS Volunteers and staff of the college in the Koto Kanth Gayana Function

Workshop for Zoology Students from for Karnataka Science College, Dharwad on Microscope Imaging

The Department of Zoology at Karnataka University, Dharwad, organized a workshop on April 6, 2022, at the Darwin Hall within the Department of Zoology on "Brightfield, Phase-contrast, and Fluorescence Microscope Imaging" under the Scientific Social Responsibility (SSR) initiative of SERB-DST, New Delhi, with the support of the Government of India.

The event was graced by esteemed personalities, including Chief Guest Prof. B. Basavanagoud, Dean of the Faculty of Science and Technology, Karnatak University, Dharwad and President Prof. P.M. Biradar, Chairman of Karnatak University, Dharwad. Prof. C.B. Ganesh, the Principal Investigator and Coordinator of the SSR Core Research Grant, SERB-DST Project, played a pivotal role in organizing the workshop.

The workshop garnered enthusiastic participation from 25 students of Department of Zoology Karnataka Science College Dharwad who attended the event with great curiosity. The workshop sessions were carefully designed to provide comprehensive insights into three major microscopy techniques: Brightfield, Phase-contrast, and Fluorescence imaging.

Throughout the workshop, students were exposed to both theoretical and practical aspects of microscopy. The participants received hands-on training, enabling them to operate and understand the nuances of different microscope setups. This interactive approach facilitated an immersive learning experience for the attendees.



One-day training programme for competitive examinations

In view of this IQAC and student welfare officer organed “One-day training programme for competitive examinations” for students on 28-06-2022 at C-1 hall, Department of Chemistry, Karnatak Science College, Dharwad. Around 200 students from B.Sc, BCA and M.Sc programmes were participated in the programme. The following are the contents covered in the programme.

1. Students are informed regarding various competitive exams like IAS/ KAS /PSI/ FDA/ SDA/ PDO/ PC/IBPS/SBI/LIC/RRB/NTPCL for various posts available after degree.
2. Guidance given to the students regarding preparations, collection of study materials and how to prepare for the exams.
3. Students are advised to make use of 3 months of free training course in this regard in the Study in Sri Guru Ragavendra Educational Institutions, Andhra Pradesh.
4. Students are given mock test on current affairs to create awareness regarding competitive exams pattern.
5. Students are trained about time management skills and linguistics skills.
6. Study materials were supplied free of cost for participated students.

At the onset, Sri. P. Dastagiri gave students an overview of the competitive examination scenario. A competitive potential assessment test for testing students on their aptitude potential was held. Sri. P. Dastagiri said the sole objective of the workshop is to produce top rankers. “We want students to acquire knowledge rather than mere information. The students should start preparing well before they approach competitive exams. Students only learn the laws of science in the classroom, but the application is more important. Ultimately, the aim is to produce knowledgeable students”. The President Dr. S. C. Chougala, Karnatak Science College, Dharwad, gave presidential remarks. Dr. Saraswati P. Masti, Student Welfare Officer, Karnatak Science College, Dharwad delivered her heartfelt vote of thanks.





Karnatak University's
Karnatak Science College,
Dharwad

Internal Quality Assurance Cell (IQAC)
 In Association with
STUDENT WELFARE OFFICE (SWO)
 Organized
Training for Competitive Examinations



Resource person

P. Dastagiri Reddy
Chairman
Sri Guru Ragavendra Educational Institutions, A. P.



President
Dr. S. C. Chougala
Principal

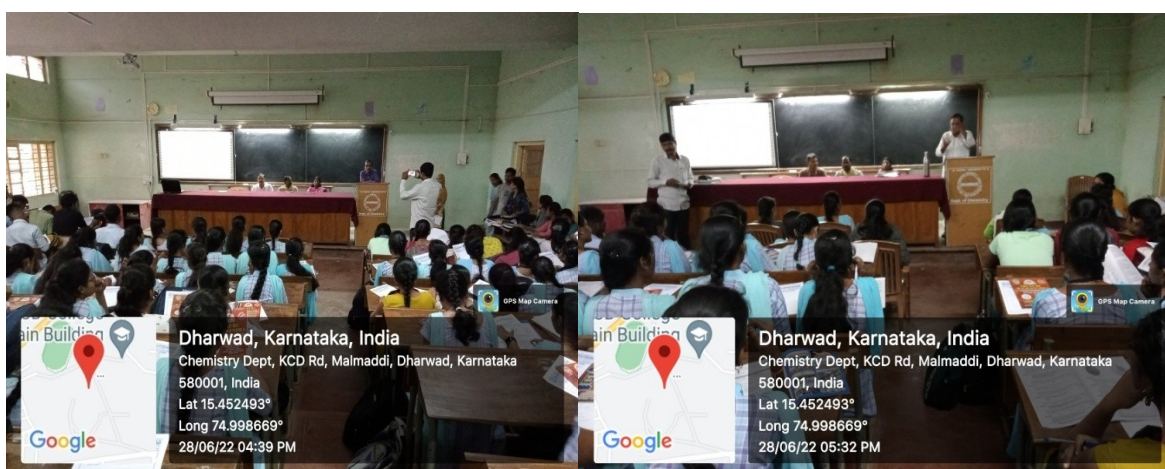
Venue: C-1 Hall Time: 3.00-6.00 p.m. Date:28-06-2022
YOU ARE CORDIALLY INVITED

Dr. Saraswati P. Masti
Student Welfare officer

Dr. C. G. Patil
IQAC Co-coordinator

Dr. L. T. Nayak
IQAC Co-ordinator

Student Secretary's
Sangamesh Uppar
Pratiksha Honnappanavar



P. Dastagiri Reddy, Chairman, Sri. Guru Ragavendra Educational Institutions, Andhra Pradesh giving tips to the students how to crack competitive exam smart work..



Students taking points given by Dastagiri Reddy's.



Dr. Shivakumar Angadi, Scientist and Associate Professor, Academy of Scientific and Innovative Research (ACSIR), Bhubaneswar, explaining the importance of mineral processing.



Mr. Patil, Police Sub Inspector, Dharwad Suburban police station giving inspirational speech on real time investigation to the Criminology and Forensic students. .

Students' participation in a one-day Extension Program on Skill development and Self-employment for rural students by the Department of Zoology, Dtd. 23-06-2022

One day Extension programon 'Skill Development and Self-employment' was organized by the Department of Zoology in association with IQAC, Karnatak Science College, Dharwad on 23-06-2022. The program was designed to educate rural students regarding skill development and self-employment through small-scale cottage industries. Along with the Department of Zoology, the staff from the Microbiology and Industrial Fish and Fisheries section extended their service to the rural students of Lokur village near Dharwad and gave information about the practice of vermiculture, preparation of vermicompost, mushroom culture, and harvest and construction of aquarium and culture of aquarium fish. Three of our teaching faculty members; Prof. Harsha D. Neelgund, Dr. Manohar Pattar, and Dr. Sameer Chebbi were the resource person for the program. The students actively participated in the preparation of models, and charts and also demonstrated.



One day Extension Program on Skill Development and Self-Employment for Rural students by the Department of Zoology and IQAC, Karnatak Science College, Dharwad on 23-06-2022.

Teaching faculty, Dr. (Smt). R.D. Sanakal HOD, Department of Zoology, Microbiology, Industrial Fish & Fisheries and Dr. L.T Nayak, IQAC Coordinator, Karnatak Science College Dharwad along with the student volunteers

List of faculty members participating in the extension program organized by the Department of Zoology addressed to the Principal, Karnatak Science College Dharwad

Karnatak University's
KARNATAK SCIENCE COLLEGE, DHARWAD
Department of Zoology
Dharwad 580 001, KARNATAKA

E-mail: principal.kscd@gmail.com Phone: 0836-2215410/400. Website: www.karnatakcollege.com

Ref: ZKCD/ 2021-22/ Date: 22-06-2022

To,
The Principal
Karnatak Science College,
Dharwad-01.

Sub: Faculty of Dept of Zoology participation in One day Extension Programme..

Dear Sir/ Madam,
With respect to the above-mentioned subject, I would like to inform you that, we have

List of student volunteers participating in the extension program organized by the Department of Zoology addressed to the Principal, Karnatak Science College Dharwad



Karnatak University's
KARNATAK SCIENCE COLLEGE, DHARWAD
Department of Zoology
Dharwad 580 001, KARNATAKA



E-mail: principal.kscd@gmail.com Phone: 0836-2215410/400. Website: www.karnatakcollege.com

Ref: ZKCD/ 2021-22/

Date: 22-06-2022

To,
The Principal ,
Karnatak Science College,
Dharwad-01.

Sub: Letter of Intimation on students' participation in One day Extension Programme..

Dear Sir/ Madam,

With respect to the above-mentioned subject, I would like to inform you that, we have organized a **"One Day Extension Programme On Skill Development And Self Employment For Rural Students"** scheduled on **23rd June 2022** at **Government High School, Lokur.**, Dist. Dharwad. Along with the staff members, few of the students are participating in the said programme. In this regard, I request you to consider the attendance of the students (enlisted below).

List of participating students:

Sl.no	Roll No.	Name of the student	Combination
1	48	Miss Pushpa Havaragi	Botany, Zoology, Genetics
2	52	Miss Megha Nyamgoudra	Botany, Zoology, Genetics
3	416	Miss Tejaswini Pujeri	Botany, Zoology,
4	168	Miss Sonali Jujagar	Chemistry, Industrial Fish & Fisheries
5	458	Mr. Saiyad Ali Gadag	Zoology, Industrial Fish & Fisheries, Chemistry
6	451	Mr. Akash Lalasangi	Chemistry, Industrial Fish & Fisheries, Mathematics
7	91	Mr. Rajat. R.M	Botany, Industrial Fish & Fisheries, Zoology
8	249	Miss Akhila Gouli	Chemistry, Zoology, Microbiology
9	253	Mr. Kiran Hugar	Chemistry, Zoology, Microbiology

This is for your kind information and consideration. Thanking you,

Your's Sincerely,

[Signature]

HOD, Zoology

Head of the Department of Zoology,

Karnatak Science College Dharwad

The Co-ordinator, Biotechnology, K.S.C.D

The Co-ordinator, Genetics, K.S.C.D.

The Warden, Kaveri Hostel, K.S.C.D.

The Warden, BCM Hostel, Shivagiri, Dharwad

Place: Dharwad

Submitted through, The Principal, Karnatak Science College, Dharwad -01.

Copy to;

The HOD, Anthropology, K.S.C.D

The HOD, Botany, K.S.C.D

The HOD, Chemistry, K.S.C.D

The HOD, Criminology & Forensic Science, K.S.C.D

The HOD, Geography, K.S.C.D

The HOD, Mathematics, K.A.C.D.



Shot on moto g62 5G

[Signature]
BCM hostel

[Signature]
Principal
Karnatak Science College
Dharwad

Internal Quality Assurance Cell (IQAC) initiative, in association with Student Welfare Office (SWO), arranged an **Induction program for B.Sc./ BCA-I semester NEP Students : 2021-22** on 20.11.2021 from 10.30 am- 2.00 pm in SrujanaRangamandira, Karnatak Science College, Dharwad.



Career Guidance Talk to UG Students of Biotechnology by HOD, Department of Bioscience and Bioengineering, IIT DHARWAD organized by Department of Biotechnology, Karnatak Science College, Dharwad on 25-11-2021

Venue: BCA Auditorium, Karnatak Science College campus.



Student Welfare Office (SWO) organized **Vaccination Camp for PUC students** on **12-01-2022** from 11.00 AM to 5.00 PM in PU college, Karnatak Science College Campus, Dharwad.



FX2X+M35, Malmaddi, Dharwad, Karnataka 580001, India

Dharwad
Karnataka
India

2022-01-12(Wed) 10:52(am)

21°C
70°F

AKKA Association and SWO of Karnatak Science College, Dharwad organized **Student Counselling Program** on **24-05-2022** at 10 AM in the B.C.A Department of Karnatak Science College, Dharwad. Dr. Anand Pandurangi. M.B.B.S, DPM, FIPS Consulting Psychiatrist, counseled the girl students of B. Sc. and BCA.



Student Welfare Office (SWO) in association with Internal Quality Assurance Cell (IQAC), conducted **One Day Training Programme on Entrepreneurship** for final year B.Sc. students on 26.05.2022 at 10.30 AM in Z-1 hall, Dept. of Zoology, Karnatak Science College, Dharwad. The resource persons Mallikarjun Otageri, Management Consultant, Dharwad, and ShivanandBagalakoti, M.D. of Shivakumar Engineering Work, Hubballi, trained the students the various aspects of entrepreneurship.



Internal Quality Assurance Cell (IQAC) initiative, in association with Student Welfare Office (SWO), made **Parents Meet 2021-22 on 28-05-2022** in BCA hall.



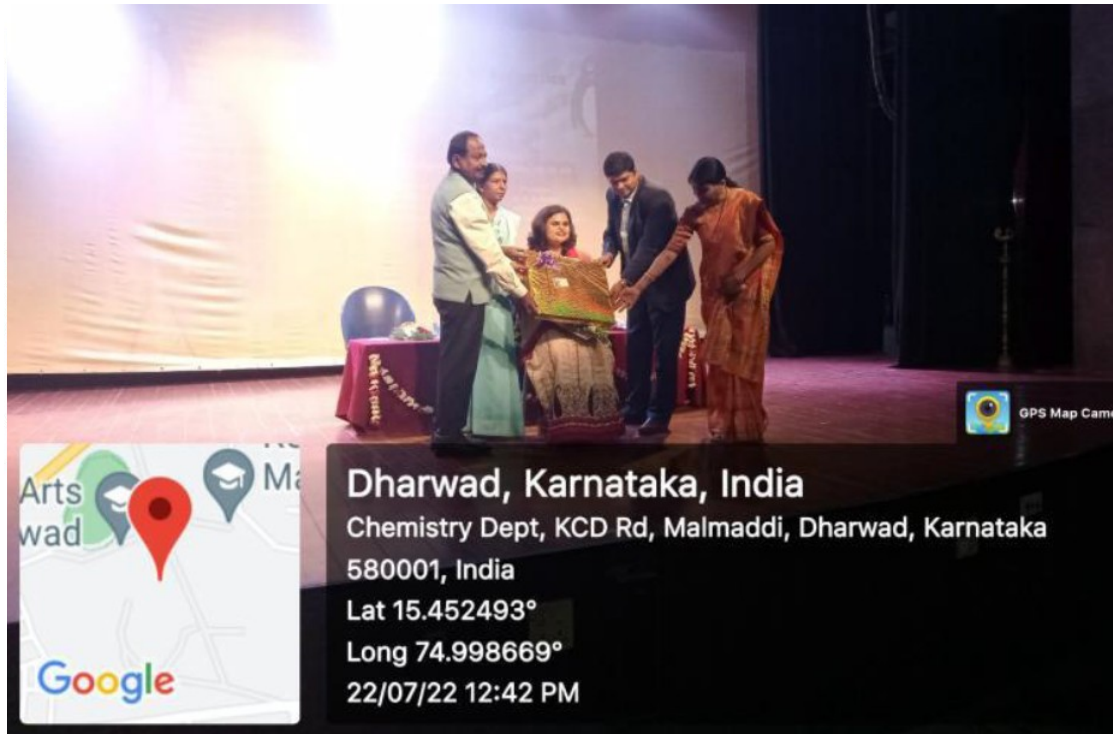
NSS and SWO of Karnatak Arts and Science College organized World No Tobacco Day 31st May on 04-06-2022 from 1-4 PM in Farren hall, Karnatak College, Dharwad. The resource person Shri. B. R. Patrot, District Health Officer, Dharwad, Principals, NSS, SWO officers and faculties of Karnatak College, Dharwad were present.



On the eve of the **75th Azadi Ka Amrut Mahotsav** and Independence Day observation, Major C.S. Anand as Chief Guest and Smt. Chennamma Hallikeri, a Freedom fighter shared her experience with the staff and NCC cadets on 15-08-2022

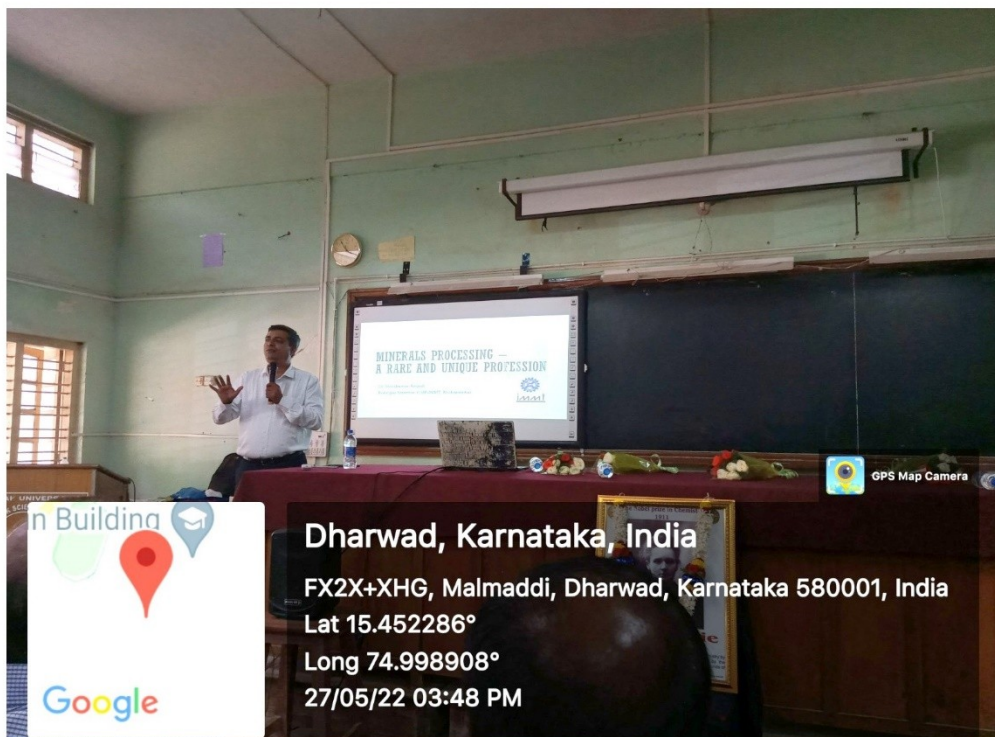
SPECIAL LECTURES:

Smt. Deep J Contractor IFS Officer, the first woman forest officer and the third forest officer to reach Antarctica 2041 Climate Force Antarctica 2022 expedition. She gave a motivational talk to young girls on 22-07-2022.



ACTIVITIES UNDER CHEMISTRY STUDY CIRCLE:

Dr. Shivakumar Angadi, Principal Scientist, CSIR - IMMT, Bhubaneswar presented a special lecture on "Mineral Processing - A Rare and Unique Profession" at Venue: C1 Hall, Department of Chemistry. 27-05-2022



Special Lecture: "Mineral Processing - A Rare and Unique Profession"
Dr. Shivakumar Angadi,
Principal Scientist, CSIR - IMMT, Bhubaneswar
Venue: C1 Hall, Department of Chemistry. 27-05-2022



Students and Teachers at the special lecture by Dr. Shivakumar Angadi in C1 Hall,
Department of Chemistry on 27-05-2022

Student Welfare Office (SWO) in association with Internal Quality Assessment Cell (IQAC), organized the special program on **Save Soil Under Value-Based Activity for NEP Students** on 23-06-2022 at 12 PM in BCA hall, Karnatak Science College, Dharwad. The resource person Prof. G. S. Dasog, Ex-Dean (Agri), Soil Scientist, University of Agricultural Science, Dharwad and other dignitaries were present.



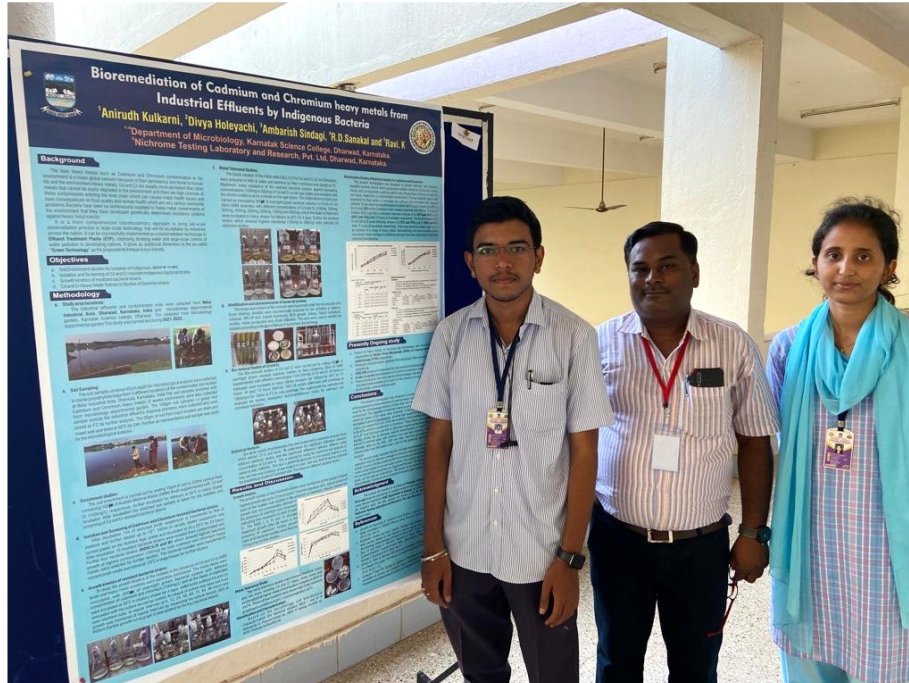
An observation on conservation of soil under the theme "SAVE SOIL" was organised by IQAC in association with Student Welfare Office on 23-07-2022 at BCA Auditorium, Karnatak College Campus



Students attending Lecture on Conservation of Soil at
BCA Auditorium

STUDENTS' PARTICIPATION IN REGIONAL-LEVEL CONFERENCES FOR QUALIFYING FOR NATIONAL CONFERENCE

Mr. Anirudh & Miss Divya Holeyachi at Regional Level IYIC 2021 Exhibition- Gulbarga University, Kalburgi Shri Ambrish Sindagi Faculty, Microbiology Department had accompanied the students



Shri Ambrish Sindagi Faculty of Microbiology Department with Mr. Anirudh and Miss Divya Holeyachi of B. Sc VI Semester at Regional Level IYIC 2021 Exhibition- Gulbarga University, Kalburgi 16th - 17th April 2022



Miss Divya Holeyachi of B. Sc VI Sem participated as Innovator at Regional Level IYIC 2021 exhibition- Gulbarga University, Kalburgi

Ex. voice chancellor Dr. T. M. Bhaskar visited our campus for plantation with NSS volunteers on 9/2/2020.



22-1-2020 - ~~the~~ principal Dr C. F. Mulinani was giving instructions to students on the programme "NSS ಸಭಾ ಸದಸ್ಯರು"

Department of Chemistry is one of the biggest Departments in the College, catering education right from PUC to Ph.D. for about 2000 students. The year 2019-20 is another important year for Chemistry fraternity as 2019 is declared by UNESCO as International Year of Periodic table (IYPT-2019).

In this direction, the VGST, Bangalore selected our Department to celebrate 2019 as International Year of Periodic table to commemorate 150th anniversary of periodic table presented by "**Dmitri Ivanovich Mendeleev**" (1834–1907), called Father of the Periodic Table. This also coincides with the Centenary of IUPAC ([IUPAC-100](#)).

Having lot of experienced teachers in the department, we conducted an event **on 29th August, 2019** for celebration of "**International Year of the Periodic Table (IYPT 2019)**" sponsored by VGST more effectively and meaningfully. The function was confined to B.Sc. I Semester for 300 students as the theme of event was more relevant to the said class in their syllabi. A noted Scholar, Eminent Scientist, Alumnus of our College, Bharatna Ratna Prof. C.N. R. Rao's student, **Dr. Shivaprasad. S. M.** the Director of Higher Education Academy, Govt. of Karnataka addressed the students for 2 hours on the topic **Periodic table and "Towards super-efficient LEDs and Solar Cells"**.

He convinced the students, how one can study and understand the science in a simple way by showing the slides and conducting the stage plays by taking the students on the dais on spot and performed stage play on periodic table to understand in a simple way. This event was really memorable and hoped that the periodic table left in the mind of all the audience till their last breath.

*Further, he spoke on the **LED** and its applications. Understanding the different colors of LED on the basis of energy gap between conduction bands was narrated and also how these are part of our everyday life especially in communication system. The details of the speech were published in all leading daily news Papers of Hubli Edition.*

Earlier to this, Dr. Suresh M. Tuwar the programme coordinator of VGST spoke on the Importance of Periodic table and life history of its contributor "**Dmitri Ivanovich Mendeleev**" (1834–1907) who is called as "**Father of the Periodic Table**".

The inter-college essay competition was held on 8th January 2020 at JSS College, Dharwad. B.Sc. VI semester students of our College, **Miss. Bindu Ullagaddi** bagged 1st place and cash Prize of Rs. 8000/- with a trophy and another B.Sc. IV semester student, **Miss. Akshata Kalburgi** received the consolation Prize among 650 students participated in the event. The Principal and staff congratulated both the students.

One of the basic objectives of study circle is all-round development of student's personality. Hence, Madam Curie Chemistry study circle also tried to bring out hidden

talents of the students throughout the year. In this context, different competitions such as Essay, Quiz, seminars, elocution etc. were conducted on 19th and 20th February 2020. The winners of various events are as follows.

a) Topic for essay writing: **“My Favorite Concept in Chemistry”**

- | | | |
|------------------------|-------------|-----------------------|
| 1. Akshata Kalburgi | B.Sc.IVsem: | 1 st Place |
| 2. Sacheta S. Kulkarni | B.Sc.IVsem: | 2 nd Place |
| 3. Rinkle Lobo | B.Sc.IVsem: | 3 rd Place |

b) Topic for Elocution competition:

“Best Moments in Chemistry Class” and “My experience in Chemistry”

- | | | |
|-------------------------|-------------|-----------------------|
| 1. Chetan Kumar Badiger | B.Sc.IVsem: | 1 st Place |
| 2. Veeresh S.V. | B.Sc.IVsem: | 2 nd Place |
| 3. Guruprakash | B.Sc.IVsem: | 3 rd Place |

c) Quiz competition on Chemistry topics in various groups

- | | | |
|--|----------------------------|-----------------------|
| 1. Mr. N. S. Goudar and Ms. Kavya Karikai | B.Sc.I sem :
B.Sc.IVsem | 1 st Place |
| 2. Ms. C.V.Nandita and Ms. Prateeksha Hebbar | B.Sc.IVsem:
B.Sc.VI sem | 2 nd Place |
| 3. Mr. Veeresh S.V and Mr. Sahil R | B.Sc.IVsem:
B.Sc.IVsem | 3 rd Place |

Certificates and trophies were distributed to the students who won in various events. It is appropriate to place on record the kind cooperation rendered by the Principal, HOD of Chemistry and all Chemistry faculty for their guidance as well as encouragement to all the students.

The Industrial study tours as a part of curriculum, the students of B.Sc. VI semester during January / February 2020 have visited the following Industries in 05 groups lead by Teachers for exposure to the technological perspectives of Chemistry.

- | Industries | Teacher Team Leader |
|--|----------------------------|
| 1. CFTRI, and CIPET, Mysore. | Dr. R.G. Kalkhambkar |
| 2. Mangalore Petro Chemicals Ltd., Mangalore
Mangalore Chemicals & Fertilizers Ltd. Mangalore | Dr. S.D. Dhumwad |
| 3. Renuka Sugars, Gokak | Dr. V. A. Aminabhavi |
| 4. TSS, Beetal Nut Processing Industry's Sirsi and
Pineapple Jam Factory, Banavasi | Dr. O. Kotresh |
| 5. E.I.D. Parry's Sugar Industries, Haliyal. | Dr. K.S. Katagi |

Ms. Prateeksha Hebbar	Dr. S. M. Tuwar
Student secretary	Chairman, Madam Curie Chemistry Study Circle



Dr. Shivaprasad. S. M., Director, Higher Education Academy, Govt. of Karnataka inaugurating the celebration of "International Year of Periodic Table: 2019" on 29-8-2019



7 days NSS special camp Inaugural function at Mangundi :2018-19



NSS special camp at Mangundi :2018-19



NSS Volunteers are conducted "Jathaa" in Mangundi village to create awarenes about save water, maintain hygienic & cleanilines, etc.,



Awareness programme for conservation of water during NSS camp at Mangundi.



NSS volunteers are involved in the “eradication of plastics” near Mangundi pond.



Special talk on “Mitha neeru Hithabele” delivered by Dr. C. G. Patil, Associate Professor of Botany, K. Sc. College, Dharwad.



*NSS volunteers are visited to Managundi Matha to aware about the “**Rainwater Harvesting system**”*



NSS volunteers are involved to promote village cultural activities.

Student activities



Group Photo of Students and teachers after celebrating Independence day (15-08-2018)



Students are participated in Rally to create awarnes to the peoples



Students & teachers participated in plantation programme in the campus



Students are participated in inter college rangoli competition at Kamala Neharu college. Hubli



Students are participated to create awarness about the cleaning, proper use of water & other walfare issues at Managundi.



07 days NSS camp conducted at Mangundi Village, (Dharwad Dist.), Principa Dr. C. F. Mulimani addressed about the benefit of the NSS campus for both the students as wellas village peoples.





Rainwater harvesting plant





Students are involved to learn recharge of Ground water, involved to eradication of plastics, Create awareness about the cleanliness and maintaining hygienic for the village peoples, arranged various cultural programmes with the villagers. Students are visited to Mangundi Matha to learn about the Rainwater harvesting.

HOME ASSIGNMENTS AND PRESENTATIONS

SEM 3rd DSCC OEC Division 1

KARNATAKA SCIENCE COLLEGE, DHARWAD

Department of : Chemistry

SUBJECT : Chemistry

SEMESTER : 1st Sem

DSCC/OEC : Chemistry

**ASSESSMENT RECORD
FOR SEMINAR AND ASSIGNMENT**

NAME : Hrish . S . Shinde

ROLL NO. : 14

EXAM SEAT NO. / UUCMS NO. : UUPAB2280267

DIV. : A

Dr. Shreedhar D. DHUMWAD.

2022 - 2023

SEM 1st

DSCC

OEC

Division A

KARNATAKA SCIENCE COLLEGE, DHARWAD



Department of : Chemistry

SUBJECT : Chemistry
SEMESTER : 1st Sem
DSCC/OEC : Chemistry

ASSESSMENT RECORD FOR SEMINAR AND ASSIGNMENT

NAME : Hanish . S . Shinde

ROLL NO. : 14

EXAM SEAT NO. / UUCMS NO. : V02AB2280267

DIV. : A

Dr. Shreedhar D. DHUMWAD.

2022 - 2023

EVALUATION RECORD

EXAM SEAT NO. / UUCMS NO. : _____

Staff	Seminar Marks	Assignment Marks
1		
2		
3		
4		
Total		

SUBJECT : _____

Roll No. : _____

Sem. : _____

Name : _____

Class and Division : _____

20 - 20

KARNATAK SCIENCE COLLEGE, DHARWAD

Department of : Chemistry

ASSESSMENT RECORD FOR SEMINAR AND ASSIGNMENT

SUBJECT : Chemistry

SEMESTER : 1st Sem

DSCC/OEC : Chemistry

NAME : Harish S. Shiv.

ROLL NO. : 14



EXAM SEAT NO. / UUCMS NO. : 100AB9950267

DIV. : A

MOBILE NO. : 6363813532 ADHAR CARD NO. : _____

EMAIL ID : _____

EVALUATION RECORD

Sl. No.	Formative Assessment	Date	Maximum Marks	Marks Obtained	Name of the Staff and Signature	Remarks
1	Seminar	05/01/23	10	07		
2	Assignment		10	09		

Total marks in words : _____

Practical Marks in words : _____


Staff Incharge


H.O. CHOD, Chemistry
Karnatak Science College
Dharwad

20-22 - 2023

GROUP DISCUSSION



Dr Rajappa solving the problems raised by the students



Department of Chemistry students discussing with Dr. Rajappa



Students giving feedback after Demo Session in Selco Solar Pvt.Ltd



Smita Mudhol, Manager Selco Solar Pvt.Ltd discussing with students



Mr.Ambarish Sindagi discussing with students about the procedure for production of Bio Gas

ROLE PLAYS



Student performing One act play



Group



Drama and Mime Competition



Student Performing Mimicry

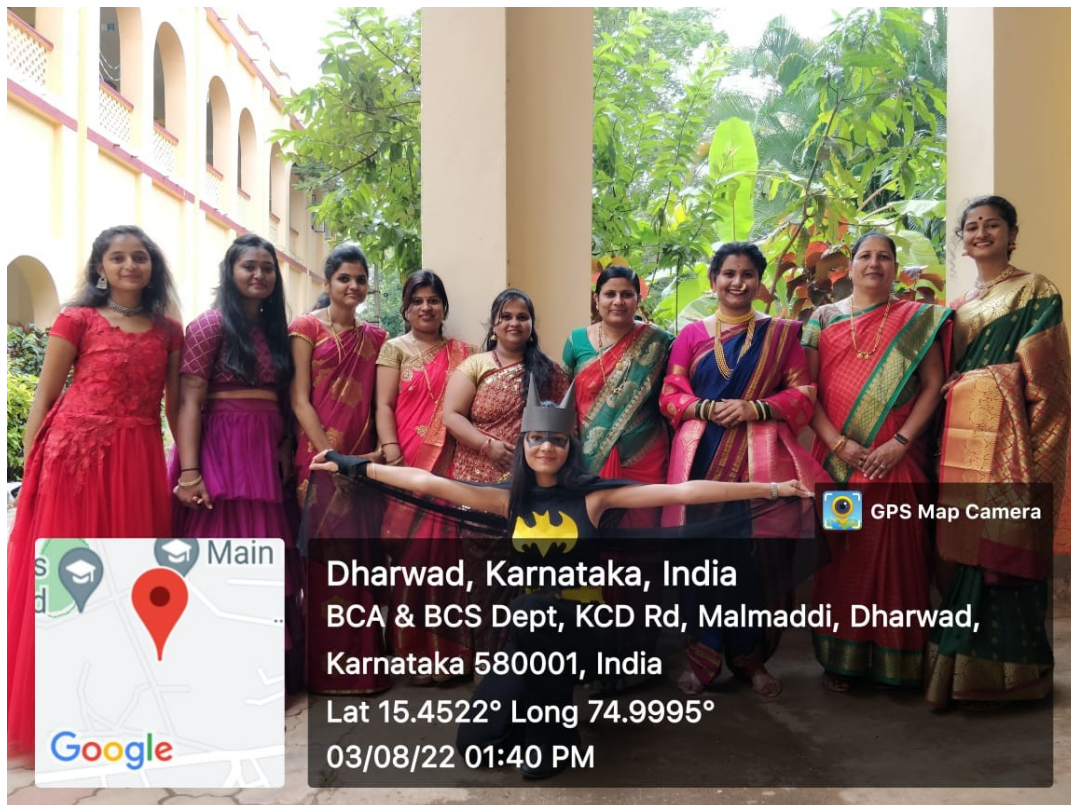








On 03-08-2022, fashion show was organised for girls' students. Girls debated on Indian costumes over the western costumes.



Students participated in the fashion show competition

A debate computation was organised for both girls and boys students on 15-12-2022 and the topic was **“Is women’s empowerment a myth?”**. Many students were participated in the event.



Opponents at debate with audience

- Free hand rangoli computation was conducted for girl’s students. Number of students participated in computation. First and second prizes were distributed.



Let the Rangoli Tell its Ancient Tale



Student performing a song



Students performing a Dance



Juries observing the performance of the students



Student performing Bharatnatyam



Group Dance



A view of Audience watching Dance performance



Judges observing the act



One of the Jury observing the Rangoli



Staff member announcing the rules before starting the events

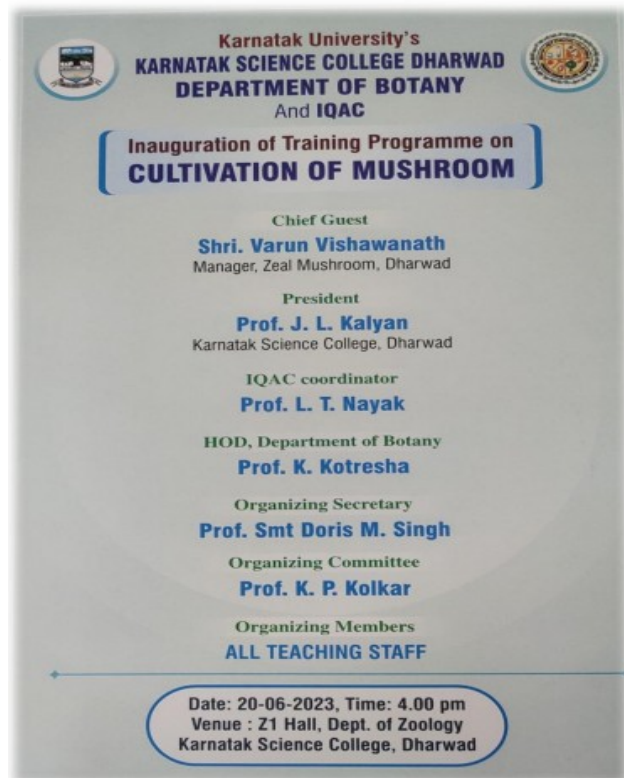
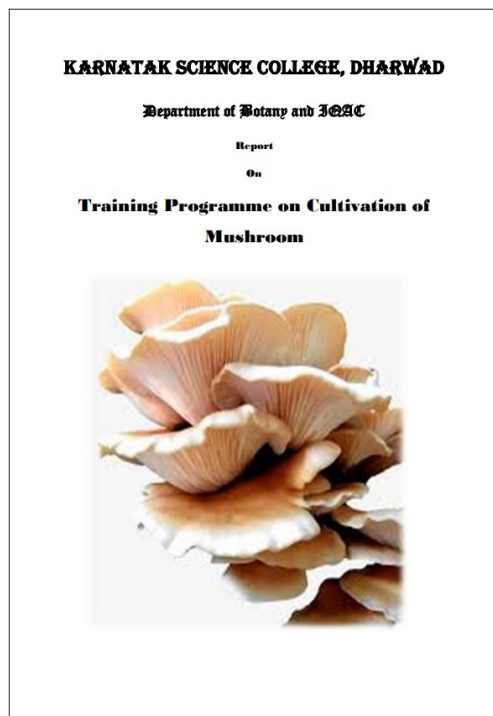
EXPERIENTIAL LEARNING:

Experiential Learning Methods

- Learning by Doing (LbD)
- Projects Designs
- Minor Project
- Major Project
- Industry internship
- Field work

LEARNING BY DOING (LBD):

REPORT ON MUSHROOM CULTIVATION



The Mushroom Cultivation programme begun with the Registration of students from all disciplines of the Karnatak Science College. Nearly 72 students from various subjects like Botany, Zoology, Microbiology, Biotechnology, Geology, Chemistry registered for the training programme.

It was on 20.06.2023 at 4.00 pm at Z1 hall, the inauguration of the Training programme commenced with welcoming the Guests and students by Dr. K P Kolkar. Chief guest Shri Varun Vishwanath, Manager, Zeal Mushroom, Dharwad addressed the eager students who were all set to learn the cultivation of oyster mushroom. The Chief guest spoke on the threats and challenges during the cultivation of mushroom on large scale. How he managed to develop various techniques and packaging skills during the large scale of cultivation. He also stressed on how he has developed an innovative value added product like mushroom jam which is the first of the kind in India. This encouraged the students to learn a new technique so that they too could be small entrepreneurs of mushroom farming. Principal Prof. J. L. Kalyan presided over the function; and Prof. L.T. Nayak, IQAC Coordinator spoke on the importance of this kind of Training Programmes for the students. The organizing Secretary Prof. (Smt) Doris M. Singh spoke about the workshop which attracted the registered students to spend time on learning new techniques apart from their daily routine of class room. These programmes help students to develop their skills and evoke them to understand importance of small scale entrepreneurship and development of value added products. Student participant Mujamil Surfraj proposed the vote of thanks.



Inaugural function of Mushroom Cultivation



Watering the plant by Guest



Process of Spawning (Batch I)



Harvesting of Mushroom after 32 days



Submission of harvested Mushroom to course coordinator and staff

3.NICHROME TESTING LABORATORY AND RESEARCH PVT, LTD

**Microbiology Students at Nichrome Testing Laboratory and Research Pvt, Ltd,
Dharwad. Duration: 15/03/2022 to 14/05/2022**



Title of Project:“Bioremediation of Cadmium and Chromium from Industrial Effluents by Indigenous Bacteria” – A Prudent and Innovative approach towards the Swachh Bharat Mission.

Name of the students:

- 1. Mr. Anirudha Kulkarni – BSc V Sem, Microbiology**
- 2. Miss. Divya Holeyachi – BSc V Sem, Microbiology**

MOU activity Duration: 22/04/2022 to 14/05/2022 (2022-23)

Guide Teacher: Mr. Ambarish Sindagi, Lecturer, Department of Microbiology attended the guided for the project.

Project Report : Heavy metals like Cadmium and Chromium are usually more persistent than the other metals that cannot be easily degraded in the environment and there are high chances of these contaminants entering the food chain which can cause major health issues. It is a more comprehensive interdisciplinary approach to bring lab-scale bioremediation process to large-scale technology that will be acceptable by industries across the nation. The present study deals with isolation, identification and characterization of Cadmium and Chromium heavy metal resistant bacterial strains from contaminated soils in and around the Belur Industrial Area, Dharwad, Karnataka. Total of 10 bacterial strains were screened, out of which four bacterial strains were selected based on the highest luxurious growth and acclimatized at 600mg and 400mg for Cd and Cr metal concentration respectively. Based on the morphology and biochemical characterization, the bacterial isolates BIDS II, IV belongs to *Pseudomonas* and BIDS VI belong to *Serratia* and BIDS I belong to *Bacillus*. These four bacterial isolates showed high metal tolerance and optimum growth at 30°C for pH 7.0. The *Bacillus* (BIDS I) and *Pseudomonas* (BIDS II) showed maximum removal of Cd (87% and 78%) and Cr (83% and 75%) after 72 hours of incubation respectively. The bacterial isolates *Pseudomonas* (BIDS IV) and *Serratia* (BIDS VI) could efficiently remove Cd (72% and 70%) and Cr (69% and 65%) after 72 hours of incubation respectively. The *Pseudomonas* and *Bacillus* strains are promising and significantly used for bio-removal of Cd and Cr from industrial effluents with minimum cost and high efficiency. These strains are efficiently reducing the BOD, COD and other chemical parameters up to 80% from industrial effluents. It can be successfully implemented as a bioremediation technology in Effluent Treatment Plants (ETP), cleansing drinking water and large-scale control of water pollution in developing nations. It gives an additional dimension to the so-called “**Green Technology**” as the proposed technique is eco-friendly. This novel bioremediation technology is relevance to the society with the saying Recycle, Reuse and Recreate. The biomass created during this study can be used as biofertilizers. This bioremediation technology will support “**Swachh Bharat Mission**” of Government of India for the waste water cleanup technology.

Research Project Activity Outcome:

For this project work **Mr. Anirudh Kulkarni** awarded as **Best Juvenile Innovator/Inventor** during the **Regional IYIIC-2021** held at Regional IYIIC-2021 event, which was held on 16th and 17th April 2022 at Gulbarga University, Kalaburgi, organized jointly by **National Council for Science and Technology Communication (Department of Science and Technology), Government of India, New Delhi, NOSTC** (Network of Organization for Science, Technology and Communication), New Delhi and **Karnataka Rajya Vijnana Parishat (KRVP)** at Gulbarga University, Kalaburgi and got selected for the **National Event of IYIIC** held on 27th and 28th May - 2022 at **Sigma University, Vadodara, Gujarat**.

BIOGAS PLANT

Biogas Production Process:



Biowaste is crushed into smaller pieces



The actual biogas production takes place through anaerobic digestion in large tanks for about three weeks



the gas is purified (upgraded) by removing impurities and carbon dioxide

Vermi Compost preparation by students:



1. Introduction of earthworms

2. Adding of cow dung and dried leaves



3. Watering of degradable waste, cow dung with earth worms 4. Adding garden soil and cow dung



Students involving in the vermin-compost activity in Zoology Department

MODEL MAKING ACTIVITY for B. Sc II Semester students (DSCC) by using biodegradable materials

Model-making competition for B. Sc II Semester (DSCC) Students:

The Department of Zoology conducted a model-making activity at the departmental level for B. Sc II Semester (DSCC) students. The event's objective was to ensure a better understanding of the structural composition of the DNA double helix model. Instead of the routine theoretical representation, the activity made them understand the structural arrangements of the nucleotide bases. The students were asked to select their team members and were allotted models. The students participated with enthusiasm.

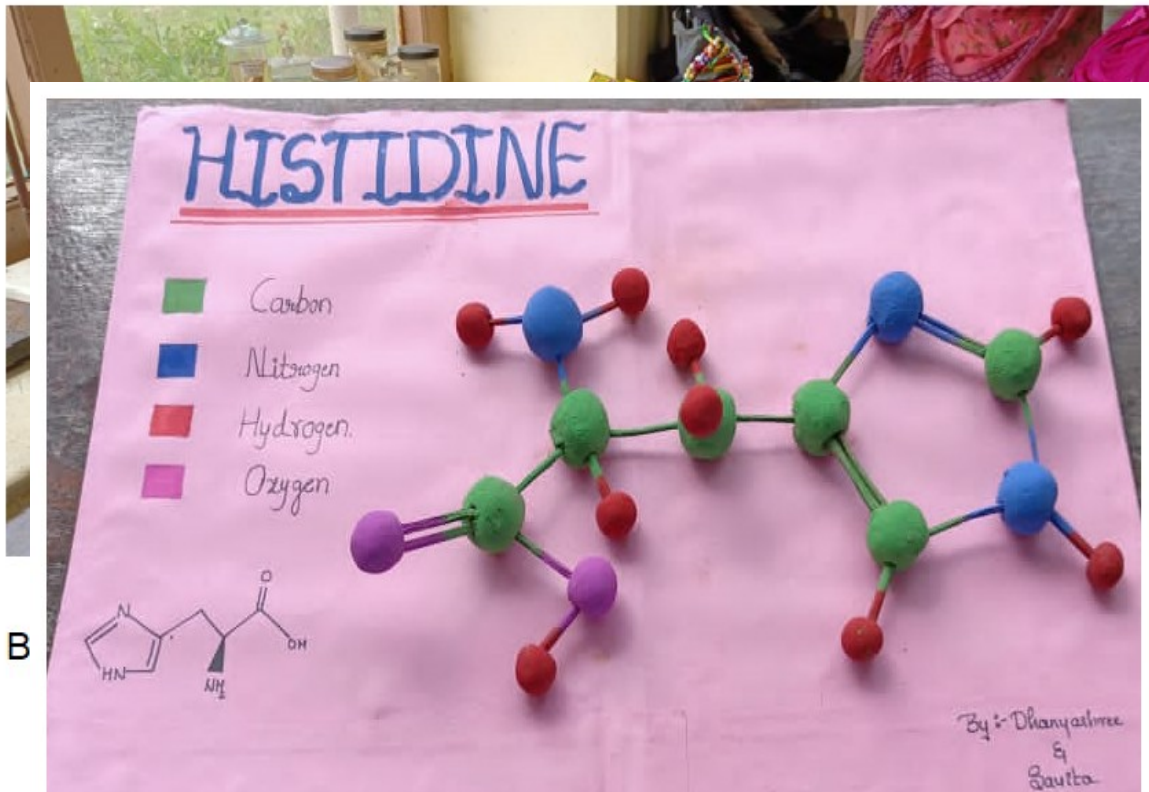
The following are the students who participated in the activity.

Sl. No	Name of the student	UUCMS No.	Model assigned
1	Rohit Kumbar	U02AB21S0470	DNA double helix model, Uracil and Cytosine
2	Suresh Reddy Meti	U02AB21S0131	
3	Yesmala Geeta	U02AB21S0012	DNA double helix model & Nucleic acids
4	Shaheen S. Jamalsabanavar	U02AB21S0500	
5	Saraswati S	U02AB21S0434	
6	Trupti Malabadi	U02AB21S0006	Structure of DNA, Thymine & Valine
7	Yashaswini G	U02AB21S0059	
8	Aishwarya Waderatti	U02AB21S0622	
9	Umme Faziya Bankash	U02AB21S0289	Structure of DNA & Glutamine, Cytosine
10	Gayatri Bosale	U02AB21S0588	
11	Anusha Naik	U02AB21S0339	
12	Praveen Pawar	U02AB21S0028	Structure of DNA, Guanine & Thymine
13	Goutam Shiragumpi	U02AB21S0651	
14	Swarupanand Patil	U02AB21S0637	
15	Dhanyashree Naik	U02AB21S0373	Structure of DNA, Uracil, Histamine
16	Savita Pujer	U02AB21S0015	
17	Bhagyashree	U02AB21S0509	Structure of <u>DNA, Alanine</u>
18	Sanjana More	U02AB21S0572	
19	Radhika M. N	U02AB21S0679	

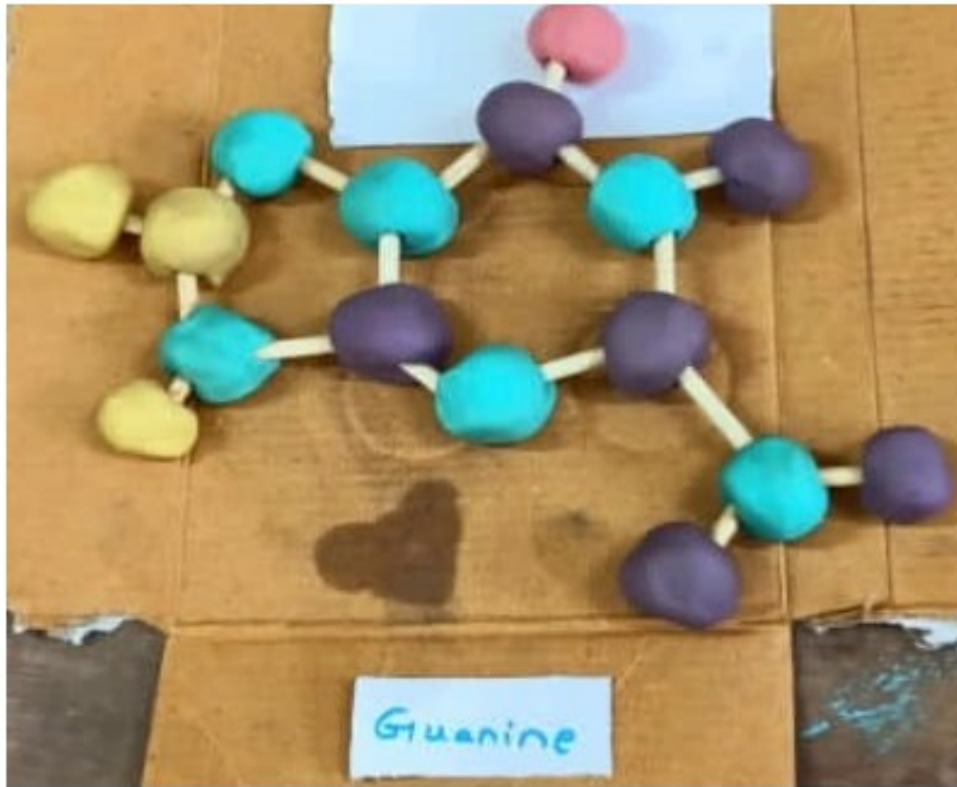
Staff in-charge: Dr. (Smt) Neeta N Kari

HOD, ZOOLOGY

Model-making activity by using biodegradable materials: Department of Zoology



Dhanyashree Naik & Savita Pujer, B. Sc II Semester DSCC



Praveen Pawar, Goutam Shiragumpi, Swarupanand Patil
B. Sc II Semester DSCC



Anusha Naik, Umme Faziya Bankash & Gayathri Bosale
B. Sc II Semester, DSCC

Preparation of Charts : Department of Industrial Fish & Fisheries

Submitted by
Bhavani M. G.
B.Sc. 1st semester
2021, K. J. Somaiya
Vignana College
Dhulewad
Submitted to,
D. J. Chhabra
Dot. Zoology

Cirrhinus Mrigala (Cirrhinus mrigala)

2021-2022

Kingdom :- Animalia.

Phylum :- Chordata.

Class :- Actinopterygii

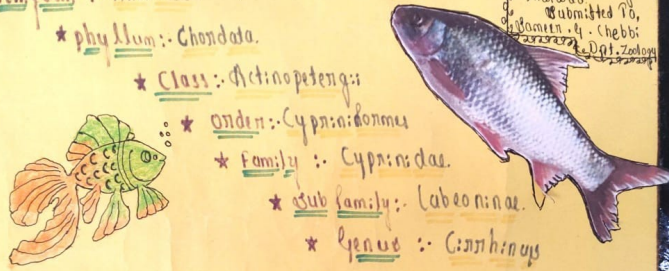
Order :- Cypriniformes

Family :- Cyprinidae.

Sub family :- Labroninae.

Genus :- Cirrhinus

Species :- mrigala.



Economic Importance	Habit.	Habitat.
<ul style="list-style-type: none"> Mrigal fish is one of the 3 Indian major carp fish species, cultivated widely in Southeast Asian countries. It has long important in polyculture with other native fish species. It is a very important fish species in aquaculture and used as food. It is always marketed in fresh condition & it command a good market price and consumer demand. 	<ul style="list-style-type: none"> It is a bottom feeder and omnivorous. The terminal lips are adapted for picking up things from the bottom (mud). Hatchlings feed on Rotifer (Brachionoida), Cladocera (Moina Daphnia), Copepod (Nauplius, cyclops & Diptomus) and phytoplankton (Phaeus, Endocoma, sphaerogyna and Microcystis). Adult fish feeds on phytoplankton, detritus, debris, sand and mud. In emergency, it takes higher plant matter. 	<ul style="list-style-type: none"> Mrigal, a carp endemic to Indo-Chinese drainage system is one of the three Indian carp species cultivated widely in Southeast Asian Countries. This species has long been important in polyculture with other native species, mainly in India. This fish originally found in northern Indian rivers but also established in southern rivers of India. It is also found in Pakistan, Bangladesh & Burma.

Submitted by
Bhavani M. G.
B.Sc. 1st semester
2021, K. J. Somaiya
Vignana College
Dhulewad
Submitted to,
D. J. Chhabra
Dot. Zoology

Cirrhinus mrigala.

Kingdom :- Animalia

Phylum :- Chordata

Class :- Actinopterygii


Order :- Cypriniformes

Family :- Cyprinidae

Sub family :- Labroninae

Genus :- Cirrhinus

Species :- mrigala



1) Profile of Cirrhinus :-

- It is a major carp endemic to Indo-Chinese drainage system, Cultivated widely in South east Asian countries. The traditional culture of Indian species was restricted to eastern part.
- Later the species was transplanted in the peninsular drainage systems of India. It is also called as white carp. In addition, mrigal play an important role in the fish culture systems of Bangladesh, Pakistan, Burma, Nepal & Myanmar countries.
- It can reach maximum upto 500 mm in its height & 10 kg in weight. It attain it maturity at 2 years. It feeds on zooplankton, phytoplankton & sphaerogyna.
- Spawning will take place during monsoon period. Cirrhinus lays 1 to 1.5 lakh of eggs per kg of its body weight. mrigal usually breeds at a temperature of 24-31°C.

2) External features :-

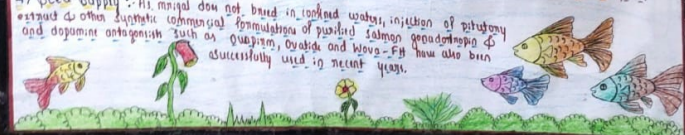
- Body bilaterally symmetrical & streamlined, its depth about equal to length of head. Scales are cycloid & present on the whole body except head region. snout is blunt, often with pores. Pectoral fins shorter than head, caudal fin deeply forked, anal fin not extending to caudal fin. Dorsal fin greyish & pectoral, pelvic & anal fins orange-tipped (especially during breeding season).

3) Production Systems :-

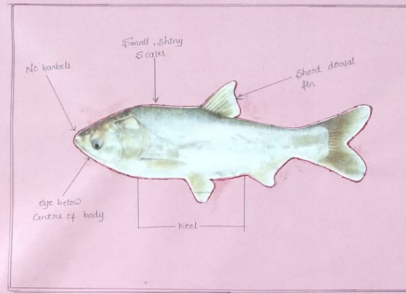
- Mrigal is cultured mostly as a component of composite polyculture systems in the ponds of India & Bangladesh. The major producing countries. Being a bottom feeder, mrigal is usually stocked at 20-25% of the total species stocked in these species culture.

4) Feed Supply :-

As mrigal do not breed in polluted waters, injection of synthetic and dopamine antagonists such as Quazepam, Oxazepam and Mova-FH have also been successfully used in recent years.



SILVER CARP (*Hypophthalmichthys molitrix*)



Kingdom : Animalia
 Phylum : Chordata
 Class : Actinopterygii
 Order : Cypriniformes
 Family : Cyprinidae
 Subfamily : Xenocyprinae
 Genus : Hypophthalmichthys
 Species : *H. molitrix*

Silver carp

Scientific name - *Hypophthalmichthys molitrix*

CHARACTERS

- ⇒ Silver carp is introduced to India in 1959 from Japan.
- ⇒ The silver carp is laterally compressed, stream-lined body.
- ⇒ Head is large, scaleless but whole body is covered with cycloid scales.
- ⇒ Mouth is large without teeth in jaw, they have penetrant teeth.
- ⇒ Body is dark greenish grey colour on its back and silvery on its belly.
- ⇒ Silver carp can grow upto 30cm and weigh up to 20kg.
- ⇒ Silver carp mostly feeds on zooplankton and phytoplankton usually feeds on blue-green algae.
- ⇒ Silver carp reaches its maturity within 4 years age it may attain its maturity at 2 years.
- ⇒ Spawning of silver carp mainly take place during monsoon season from June to September. And fertilize egg takes upto 24 hours for its hatching.
- ⇒ Silver carp is very important species for aquaculture.
- ⇒ Because it is herbivorous and low in the food chain's feeds and fertilizers are thus more costly available at low cost.
- ⇒ Silver carp raised commercially mainly for food. But in some places they are also raised for sport fishing.

Submitted to :-
 Dr. Sarwan . G. Chhabri
 Department of Zoology
 Industrial fish and Fisheries
 Haryana.

Submitted by :-
 Gaurav . R. Ghoshal
 BSc 3rd Sem
 SSA
 Haryana.



Labeo Rohita

Scientific classification

King dom :- Animalia.
 phylum :- chordata.
 Sub phylum :- Vertebrata.
 class :- Osteichthyes.
 Sub class :- Actinoptengi.
 Infra class :- Teleost.
 order :- Cypriniformes.
 Species :- carf family.

Habit and Habitat :- Labeo rohita is commonly found in fresh water. It is column feeders during the early stages of its life cycle it eats mainly zooplankton but as it grows it is mainly vegetarian feeding more on phytoplankton, and it's mainly Southeast Asian in different countries like India, Pakistan, Bangladesh, Nepal, Sri Lanka and Myanmar.

Maturation :- Rohu reach sexual maturity between two and five years of age and adult can reach maximum weight of 45kg it attains maturity after second or third year.

Spawning Season :- Rohu generally spawning monsoon seasons usually June to September and fertilized egg will take 24 hours for its hatching.

Fecundity :- Fecundity of rohu is about 1 to 1.75 kg of eggs per kg of its body weight.

Colour :- Rohu is dark grey coloured and its ventral side is silver colour with conspicuous arch head.

Economic importance :- Rohu is a large genus having several species which are of considerable importance as an article of food. Labeo rohita is perhaps the commonest of Indian fish and most generally esteemed for eating purposes. It is also a much domesticated fresh water fish because of its excellence as food.

Submitted by :-
 Dr. Sarwan Chhabri sir
 JAWAHAR SCIENCE COLLEGE
 BHARUWAL

Submitted from :-
 Name :- Harshraj Mehl
 Roll no :- 919
 class :- Bsc 4th Year

2021-2022



Botany students and staff tem involved in Swach Bharath Abhiyana around Botany Department



1.3.2. FIELD PROJECT
At Mavinakoppa Village



1.3.2. FIELD PROJECT
At Eco Village Halligeri.



1.3.2. Study Tour – Botany
At Kemmannugundi



1.3.2. Study Tour – Botany
Birur on the way to Kemmannugundi



1.3.2. Study Tour - Genetics
JSS College, Ooty



1.3.2. Study Tour – Genetics
Louis Pasteur Institute, Coonoor

INDUSTRIAL VISITS

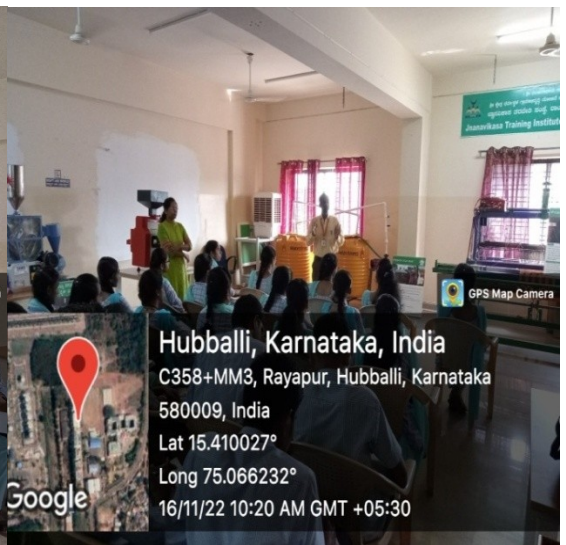
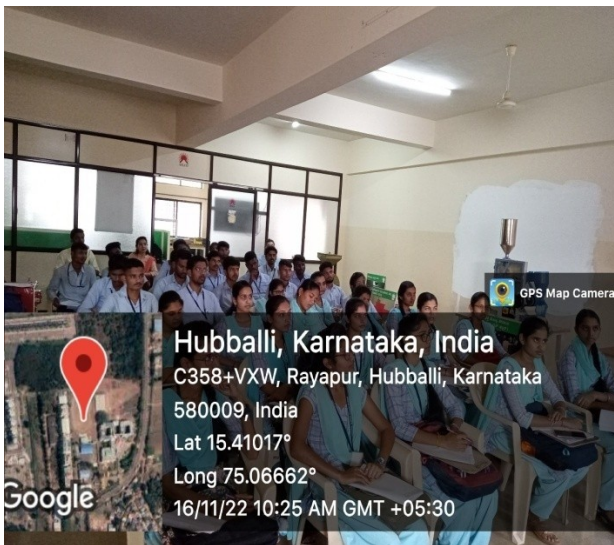
ONE DAY WORKSHOP AND TRAINING PROGRAM ON RENEWABLE ENERGY SOURCES AND SOLAR POWER

On 16th November 2022, B.Sc. students from our college, accompanied by four faculty members, visited the "**Jnanavikasa Orientation & Training Institute**" located at the SELCO Solar Light Pvt Ltd, Campus in Rayapura, Hubballi. The purpose of the visit was to receive training on solar lighting and power systems. The students were enhanced their knowledge of solar lighting and power systems. Dr. Saraswati P. Masti, SWO and Shri. M.R. Ranganath, HOD, Department of Physics, Karnatak Science College, Dharwad along with two more faculty members accompanied the students, providing guidance and support throughout the visit.

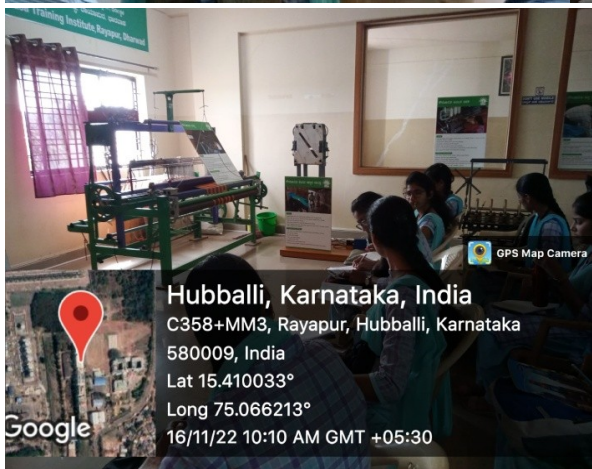
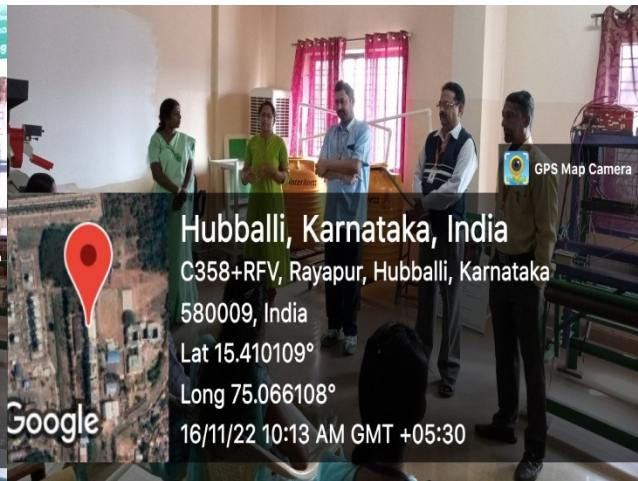
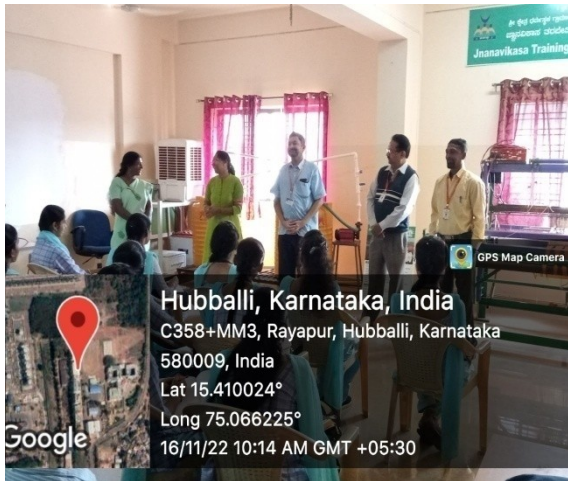
The institute specializes in providing training on solar lighting and power systems, aiming to create awareness and promote the use of sustainable energy solutions. The visit included hands-on training sessions where students had the opportunity to learn about the working principles, installation procedures, and maintenance aspects of solar power systems. They were guided by experienced trainers and professionals from the institute. The training program also consisted of interactive sessions, allowing students to ask questions, discuss concepts, and gain a deeper understanding of solar energy technologies.

The visit to the Jnanavikasa Orientation & Training Institute provided B.Sc. students with practical knowledge and exposure to solar energy technologies. This hands-on experience will be invaluable as they pursue careers in the field of renewable energy. The training program aimed to educate and create awareness about the importance of sustainable energy solutions, particularly solar power. It emphasized the role of solar energy in mitigating environmental challenges and reducing dependence on fossil fuels. The visit contributed to the skill development of the students by equipping them with technical expertise in solar energy technologies. These skills will be beneficial as they engage in future projects and initiatives related to renewable energy.

This visit not only expanded the students' horizons in the field of renewable energy but also instilled in them a sense of environmental consciousness. It is expected that the knowledge gained from this training will contribute to their personal and professional growth, fostering a more sustainable future.



Our students participated in the orientation and training programme organized at Selco solar light Pvt.campus, Rayapu, Hubbali



Selco solar light Pvt faculty explaining about Solar Lighting Power system. Our faculty members are also present on the occasion.



A group photo of participants in the training programme with college staff.

SELCO Solar Light Private Limited, Jnanavikasa Orientation and Training Institute Rayapur Dharwad

Our students are taken to visit SELCO Solar Light Private Limited, Jnanavikasa Orientation and Training Institute located in Rayapur, Dharwad on Thursday 29th December 2022 . The objective of the institute is to give self employment to the youth which are not connected to main stream. In this institute they have a variety of machine such as flour mill, swing machine , barber equipments, milking machine, chilli powder machine and much more where in the main source of power is not electricity but the solar energy. They have designed all machine such that they convert solar energy into electrical energy and that is utilised for running the machine. Since solar energy is the source of power, people can be self employed in the remote part where there is no supply of electricity and can serve the local community along with the earning money.

Our students are introduced into such opportunities where in they are motivated to have innovation and determination which can make them self employed not only employed but also can become an entrepreneur to help the society. Students are much impressed by the innovations and ideas. The manager Smita Mudhol along with her team demonstrated and explained the basic working principle of all the machines. Mr. Syed one of the trainers have demonstrated working of solar panel its installation and other related issues. He also demonstrated and explained how solar heater works. The entire building electricity requirement and hot water requirement was fulfilled by those panels he explained. Students along with demonstration they also visualised the short video which shows how practically people are implemented these equipment in their life to earn bread and butter. There is also one solar village model which really showed how solar energy can be utilised to self dependable power of entire community. Along with the students teachers also impressed by the application of solar energy. At the end of the visit students are so much impressed and happy that they have given feedback to the trainer. The some of the pictures related to the visit are showed below.



Mr. Syed one of the trainer have demonstrated working of solar pannel



Group Photo of the participants attended for the Training Program

STUDENTS' PARTICIPATION IN ONE-DAY EXTENSION PROGRAM: 2021-22



Miss Megha Nyamagoudra & Miss Pushpa Havagi of B.Sc II Semester Students explaining the method of preparation of Vermipit with the help of models



Miss Akhila Gouli and Mr. Kiran Hugar (B. Sc VI Semester - Microbiology) assisting Dr. Manohar Pattar in preparation of mushroom culture. 23-06-2022 during the one-day extension program held at Government secondary high school, Lokur village.

FIELD VISITS:

B. Sc I Semester Students– Skill Enhancement Course (SEC) - Vermiculture



A field visit to the Vermiculture Unit, University of Agricultural Sciences, Dharwad by B. Sc I Semester DSCC Zoology students. Dr. (Smt) M.S. Nayak, (HOD Zoology), Mr. Naveen Pyatimani, and Dr. Shekharappa (Resource Person. UAS, Dharwad)

FIELD VISITS:

B. Sc II Semester Botany DSCC Students to Handibadagnath forest area: 01-07-2022



A field visit to Castle Rock and Handibandagnath Temple area with B. Sc II Semester - DSCC Students.
Dr. C G. Patil and Dr. (Smt) Doris Singh, Department of Botany accompanied the students

FIELD VISITS:

B. Sc II Semester Chemistry (DSCC) at University of Agricultural Sciences, Dharwad



A visit to University of Agricultural Sciences, Dharwad by B. Sc II Semester Chemistry (DSCC) Dr. S.D. Dhumwad (HOD, Chemistry); Dr. M.S. Salunke, *Associate Professor* & Dr. Saraswati Masti, *Associate Professor* Chemistry accompanied the students



Students gathered at the Soil Analysis laboratory of the University of Agricultural Sciences, Dharwad along with the resource person and Dr. M.S. Salunke, Faculty Dept. of Chemistry, Karnatak Science College Dharwad

PARTICIPATIVE LEARNING



Spot painting and Poster Making Competition.



Student exhibiting by way of Spot painting and Poster Making

Microbiology Students Achievements at INDIAN YOUNG INNOVATORS AND INVENTORS CHALLENGE (IYIIC) Regional IYIIC – 2021 held 16th and 17th April 2022 at Gulbarga University, Kalburgi, Karnataka.



Fest Report- Evogen 11.0

Students from BCA & B.Sc(C.S) program participated in the 2-day State Level Technical Fest- Evogen Organized by Gogte College of Commerce & BCA , Belagavi on 8th and 9th July, 2022.

A team consists of 12 students and a faculty member participated in various events like Coding, Networking, Gaming, Designing, Debate and Content Creation. Performance of the students was excellent in all the events. Late night assignments were given and told to prepare it for the next day student performed very enthusiastically. Competition level was very high and various teams from different colleges of North-Karnataka had participated in the events. In all 23 colleges were participated in the events and participation certificates and kits were given to the students.

Shridhar Wajpayee , (BCA IV Sem)and Sanjay Jadar(B.Sc(C.S) VI Sem) , who participated in the Coding Event bagged the Second Prize which was a result of ultimate hard work and dedication shown by the participants in order to excel in the event.

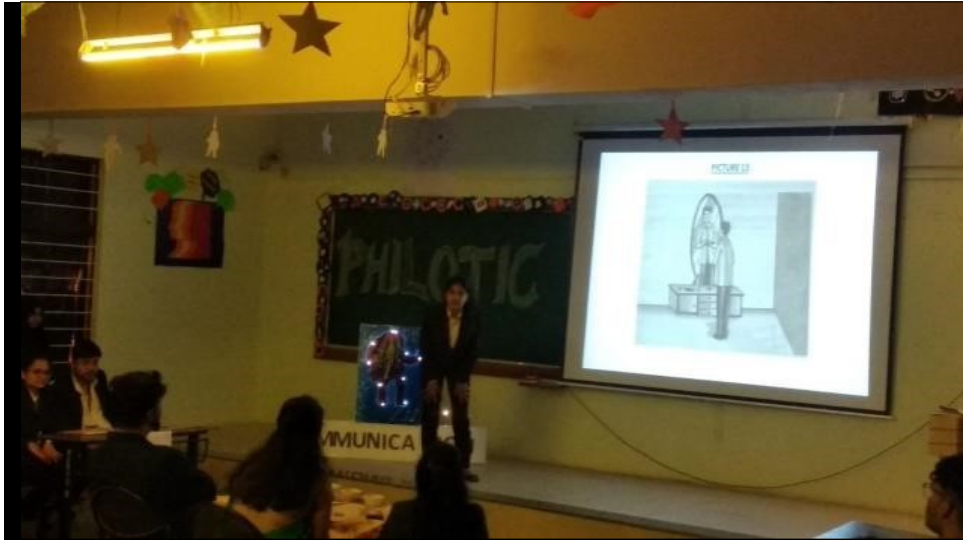
Team moving towards the Belguam to take part in the events

PHOTO GALLERY



Team moving towards the Belguam to take part in the events

PHOTO GALLERY



Fest Report- Adwaith 2022

Students from BCA & B.Sc(C.S) Streams of First, Second and Third Years participated in the 2-day State Level Technical Fest- Evogen Organized by Gogte Institute of Management, Belagavi on 8th and 9th July 2022.

A team of 10 students accompanied with a faculty member were sent from the college to take part in various events like Marketing, B-Plan, Finance, Quiz, Debate and Cultural. All of them performed very well during the events. Late night assignments were given and were told to prepare it for the next day early morning which they did very enthusiastically. Competition level was very high and multiple teams from various colleges from North-Karnataka had participated in the events. A total of 46 colleges participated in the events and participation certificates and kits were given to the students. Overall it was a much needed exposure needed for our students to enhance their skills, improve their knowledge,

expand their vision, socialize with fellow-mates , impart wisdom, and also gain and share expertise , which surely will reap rich rewards in the future.

PHOTO GALLERY



Fest Report- Tantrastra Chapter 2

Students from BCA & B.Sc(C.S) Streams of First, Second and Third Years participated in the 1-day National Level Technical Fest- Tantrastra Organized by Global College of Commerce & BCA , Hubballi on 19th July 2022.

A team of 11 students accompanied with a faculty member were sent from the college to take part in various events like Coding, Quiz, Gaming, Presentation, Treasure Hunt and Cultural events. All of them performed very well during the events. Competition level was very high and multiple teams from various colleges from North-Karnataka had

participated in the events. A total of 15 colleges participated in the events and participation certificates and kits were given to the students.

Shridhar Wajpayee , (BCA IV Sem)and Prasad Hiremath (BCA IV Sem) , who participated in the Coding Event bagged the Second Prize which was a result of ultimate hard work and dedication shown by the participants in order to excel in the event.

Overall it was a much needed exposure needed for our students to enhance their skills, improve their knowledge, expand their vision, socialize with fellow-mates , impart wisdom, and also gain and share expertise , which surely will reap rich rewards in the future.

PHOTO GALLERY



Fest Report- Takshak 2K22

Students from BCA &B.Sc(C.S) Streams of First, Second and Third Years participated in the 2-day State Level Technical Fest- Takshak Organized by Dept. of MCA, Karnataka University , Dharwad on 22nd and 23d July 2022.

The Fest was inaugurated by Mr. A.P Achar, CEO, Atal Incubation Centre, Nitte, Mangalore in the presence of Dr. Shridevi Madam, Co-ordinator, Dept. of MCA, KUD. Mr. Achar also interacted with the students for about an hour, guiding them through the basic aspects of entrepreneurial opportunities, resolving the basic queries of the students, promising free stay at the Nitte Campus to do their internship programmes for the interested students, which itself was a great opportunity for the young entrepreneurial aspirants of various colleges. After the ceremony, various events began in the afternoon session.

It also featured an entrepreneurship Workshop for the students, which was organized in collaboration with Tie-Hubli, which consisted of 6 sessions featuring Public Speaking skills, Design Thinking, Strategies related to Entrepreneurship. It also promised an exclusive internship programme for the Prize winners in various events. That also was a very skilful experience for the students.

A team of 22 students spread across 2 teams accompanied with two faculty members from the department were sent from the college to take part in various events like Coding, Creative Podium, Technical Quiz, IT Manager, Treasure Hunt and Thematic Cultural Event. All of them performed exceedingly well during the events. Late night assignments were given and were told to prepare it for the next day early morning which they did very enthusiastically. Competition level was very high and multiple teams from various colleges from North-Karnataka had participated in the events. A total of 25 colleges participated in the events and participation certificates and kits were given to the students.

Our college won various awards during the course of the fest. Rahul A, (BCA VI Sem) and Prashant (BCA VI Sem), who participated in the Coding Event bagged the First Prize. Vijay Hiremath (B.Sc(C.S) VI Sem) and Sanjay Jadar (B.Sc(C.S) VI Sem), who participated in the Technical Quiz Event also bagged the First Prize. Apart from that, Karan (B.Sc(C.S) VI Sem) and Purushottam (BCA II Sem) won the second prize in Treasure Hunt event.

In a moment to cherish for years to come, KCD bagged the **General Championship** Award as a result of more number of prizes and being in top 10 among most of the events. It was really a wonderful historic moment and a proud achievement from the students. Students along with the faculties were awarded the GC from the honourable Vice-chancellor of Karnatak University Dharwad Shri Gudasi Sir. All those awards are now handed over to the department.

Overall it was a much needed exposure needed for our students to enhance their skills, improve their knowledge, expand their vision, socialize with fellow-mates, impart wisdom, and also gain and share expertise, which surely will reap rich rewards in the future.

PHOTO GALLERY



Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level

**STUDENTS' PARTICIPATION INDISTRICT LEVEL CONFERENCES/
WORKSHOPS / COMPETITIONS**

District Level Patriotic Song (Group) Competition jointly organized by KLEs Shri Mrityunjaya College of Arts and Commerce, Dharwad and KU Dharwad on the eve of **Azadi Ka Amrit Mahotsav** on 28-07-2022



Mr. Nagendra R secured **Fifth Prize** in District Level Patriotic Song (Group) Competition jointly organized by KLEs Shri Mrityunjaya College of Arts and Commerce, Dharwad and KU Dharwad on the eve of **Azadi Ka Amrit Mahotsav** on 28-07-2022

**STUDENTS' PARTICIPATION INSTAATE-LEVEL CONFERENCES/
WORKSHOPS / COMPETITIONS**

TAKSHAK 2K22 State Level IT Fest conducted by the Department of Computer Science. KU Dharwad



Mr. Purushottam Y.B secured Second place in the Treasure Event in "TAKSHAK 2K22 State Level IT Fest" conducted by Department of Computer Science, Karnatak University, Dharwad on 22nd & 23rd July 2022



Mr Naveen Menasinakayi has attended One-day State Level Symposium organized by NSS, KU Dharwad on the eve of Azadi ka Amrit Mahotsav: 19-08-2022

STUDENTS' PARTICIPATION IN NATIONAL-LEVEL CONFERENCES/ WORKSHOPS / COMPETITIONS



Miss Divya Holeyachi of B. Sc VI Sem Microbiology Department presented a poster at National Conference-AMBT-2022 organized by Department of Microbiology, Biotechnology and Food Technology, Bangalore University, Bengaluru on 28th & 29th April, 2022



Students of Karnatak Science College participated and bagged prizes in various competitions conducted at the inter-college level at Mrityunjaya College of Arts and Commerce Dharwad on 28-07-2022

Mr. Anirudh Kulkarni, B. Sc VI Semester, Microbiology Department in discussion with the jury member at National IYIC 2022 Vadodara Gujarat.

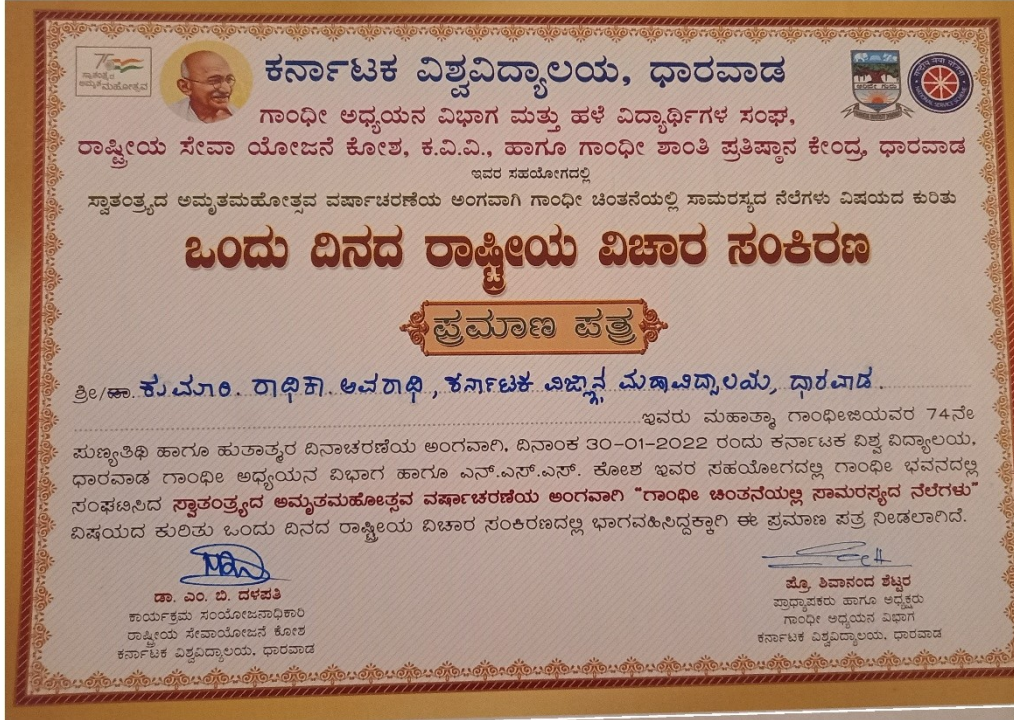


Mr. Anirudh Kulkarni in discussion with the jury member at National IYIC 2022 Vadodhara Gujarath on 27th & 28th May 2022



Mr. Anirudh Kulkarni of B. Sc VI Sem Microbiology presented his Project at National IYIC 2022 Vadodhara Gujarath on 27th & 28th May, 2022

NATIONAL SYMPOSIUM ORGANIZED BY NSS UNIT OF KARNATAK UNIVERSITY DHARWAD ON THE EVE OF 74TH GANDHI JAYANTHI : 30-01-2022



Miss Radhika Avaradhi of Karnatak Science College Dharwad has participated in the NATIONAL SYMPOSIUM organized by the NSS Unit of Karnatak University Dharwad on the occasion of the celebration of 74th Gandhi Jayanthi

Venue: Gandhi Bhavana, Karnatak University Dharwad on 30-01-2022



Mr. Rahul P Uppar has participated in National Integration Camp - 2022 organized under NSS, KU Dharwad from 21st to 27th February 2022

STUDENTS' PARTICIPATION IN VARIOUS CURRICULAR AND EXTRACURRICULAR ACTIVITIES

Skill Development Training & One-day workshop on “**Foldscope Microscopy**” conducted for B. Sc students of Karnatak Science College Dharwad co-sponsored by SPIE (USA), Karnatak University Student Chapter, Dharwad & Dr. M.I Savadatti Vidyavardhaka Samsthe Dharwad held at PG Department of Physics, Karnatak University Dharwad on **25-07-2022**. **48 students** got benefitted from this workshop.



Skill Development Training & One-day workshop on “**Foldscope Microscopy**” conducted for B. Sc students of Karnatak Science College Dharwad co-sponsored by SPIE (USA), Karnatak University Student Chapter, Dharwad & Dr. M.I Savadatti Vidyavardhaka Samsthe Dharwad.

Venue: PG Department of Physics, Karnatak University Dharwad on **25-07-2022**

Participation of UG Students in Skill development Training & One-day Workshop on ‘**Foldscope Microscopy**’ on **25-07-2022**



Department of Botany in association with the Indian Association of Angiosperm Taxonomy (IAAT) organized the XXXII Annual Conference of the Indian Association for Angiosperm Taxonomy and National Symposium on “The contribution of Angiosperm Diversity to



Department of Botany in association with IAAT organized the XXXII Annual Conference of the Indian Association for Angiosperm Taxonomy and National Symposium on “The contribution of Angiosperm Diversity to human wellbeing and the risks associated with its decline”.
Venue: BCA Auditorium on 13 Nov 2022.

human wellbeing and the risks associated with its decline”. Venue: BCA Auditorium on 13-11-2022

NSS and Students Welfare Office (SWO) of our college conducted Free Dental Check-up for our college students on 29 -10-2022



NSS and the Student Welfare Office (SWO) of our college conducted a Free Dental Checkup programme on 29-10-2022

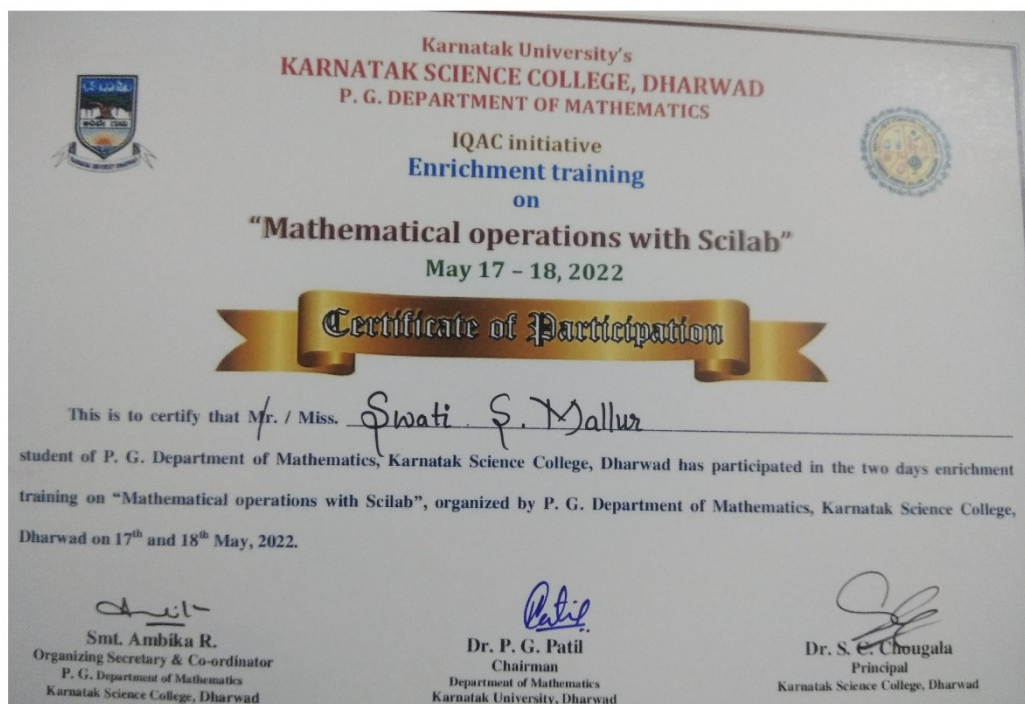
Dr. S.S. Mangalwede (NSS Officer), Dr. S.G. Chougala (Principal) & Dr. Saraswati Masti (SWO), and Health Department Officers

CURRICULAR AND EXTRACURRICULAR ACTIVITIES CONDUCTED BY GYMKHANA, IQAC, STUDENT WELFARE OFFICE (SWO), NSS UNITS OF THE COLLEGE, AND UNIVERSITY

IQAC initiated Enrichment Training organized by PG Department of Mathematics, Karnatak Science College, Dharwad

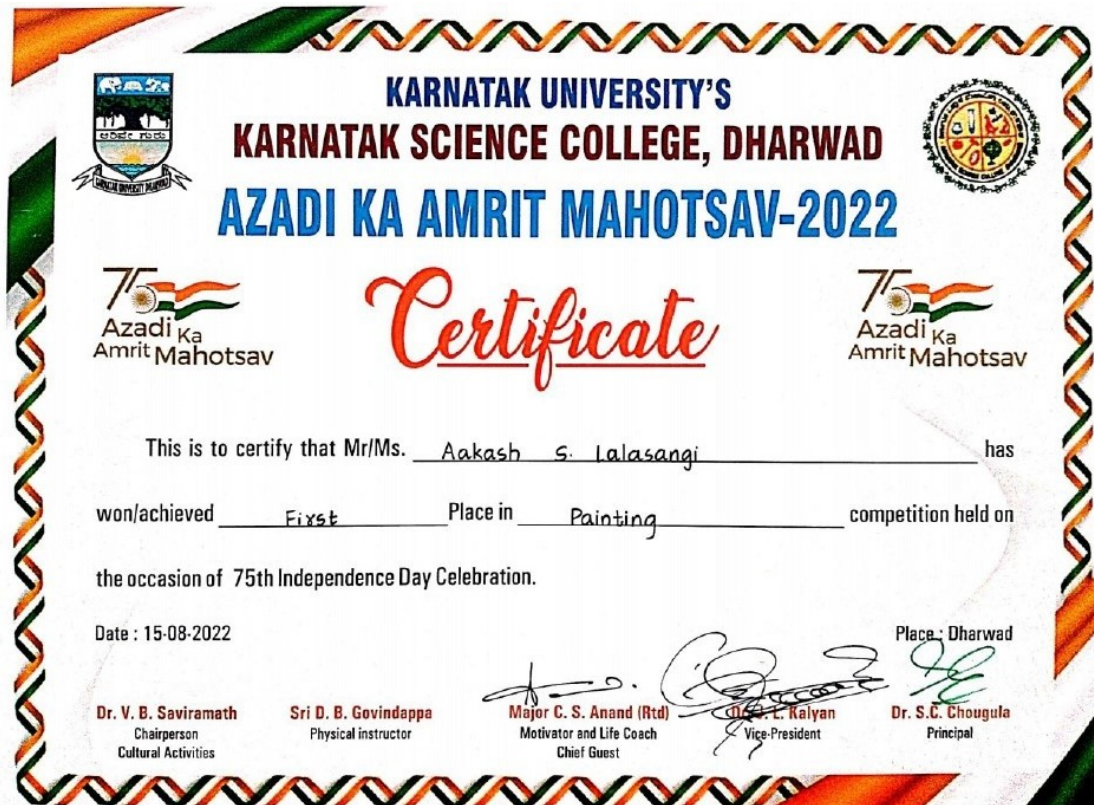


Miss Bhuvaneshwari P. Bindage participated in the two-day enrichment training on "Mathematical Operations with Scilab" organised by PG Department of Mathematics, Karnatak Science College, Dharwad on 17th & 18th May, 2022

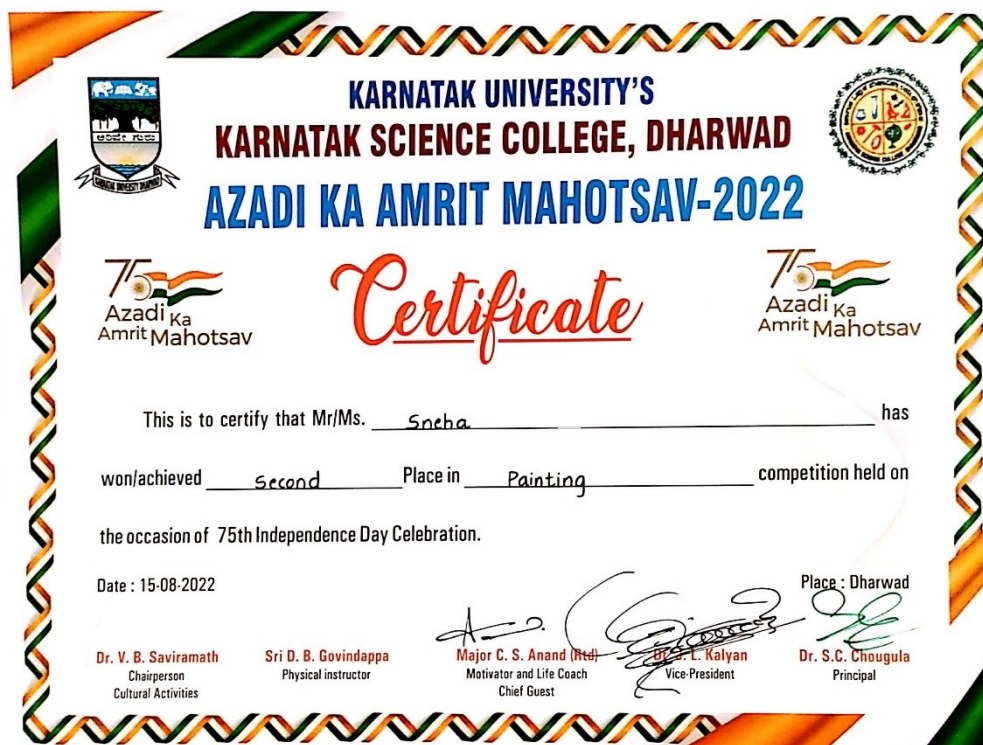


Miss Swathi S. Mallur participated in the two-day enrichment training on "Mathematical Operations with Scilab" organised by PG Department of Mathematics, Karnatak Science College, Dharwad on 17th & 18th May, 2022

ACTIVITIES ORGANIZED BY THE GYMKHANA DEPARTMENT ON THE EVE OF 75TH INDEPENDENCE DAY CELEBRATION:



Mr. Aakash S. Lalasangi secured First place in Painting Competition held on the occasion of the 75th Independence Day Celebration on 15-08-2022



Miss Sneha has won the second place in Painting competition held on the occasion of 75th Independence Day Celebration



Miss Purnima Savadattimath has achieved First place in Debate competition held on the occasion of 75th Independence Day Celebration: 15-08-2022



Harsha Yamunur has participated in Two-day skill enhancement training on 'Embedded System using Arduino' organized by Department of Physics : 18th & 19th May 2022

**KARNATAK UNIVERSITY INTER COLLEGE LEVEL POSTER MAKING
COMPETITIONS: Government First Grade College, Hubballi: 8-07-2022**

Theme: Energy Conservation and Energy Efficiency



Miss Kajal N. Mokashi secured Third Prize in Poster-making competition in Karnatak University Inter College Level competition held at Govt. GFGC Hubli on 8-07-2022



Akshay Hegde (Special Prize), Kajal N Mokashi (Third Prize), and Sahana Mansur (Constellation Prize) at Govt. first Grade College, Hubballi during Karnatak University Inter college Level Poster Competition on 8-07-2022

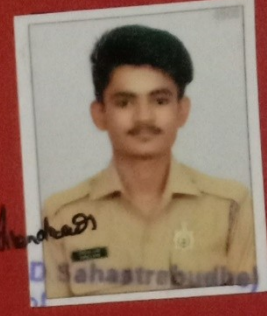
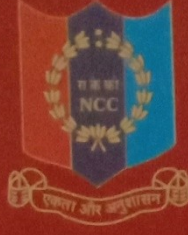


Akshay Hegde, B. Sc IV Semester received special prize during the Cultural Forum & KU Inter College Level Poster Making competition held at GFGC Hubballi 8-07-2022



Mr. Akshay Hegde secured Special Prize in Karnatk University Inter College Poster Making competition held at GFGC Hubli on 8-07-022

NCC Cadets passed the B Certificate Examination



प्रमाणपत्र CERTIFICATE

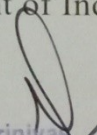
सं. No. KA19SDA475013 रैंक Rank..... CDT
नाम Name.. YUVARAJ.LAMANI सुपुत्र/सुपुत्री Son/Daughter of.. SANNARAMAPP
यूनिट Unit..... 24 KAR BN NCC, DHARWAD जन्म तिथि Date of Birth..... 22/04/2003

राष्ट्रीय कैडेट कोर निदेशालय - कर्नाटक एवं गोवा, बेंगलूर
NCC Directorate - Karnataka & Goa, Bangalore

प्रमाणित किया जाता है कि ऊपरलिखित कैडेट ने रक्षा मंत्रालय, भारत सरकार के प्राधिकार के अधीन सन् 20.... में हुई प्रमाणपत्र..... परीक्षा पास कर ली है ।
This is to certify that the above mentioned Cadet has passed the Certificate..... B..... Examination held in 2021..... under the authority of Ministry of Defence, Government of India

Grading 'C'.....
स्थान BELAGAVI
Place.....
दिनांक 14 JUL 2021
Date.....




K Srinivas
Colonel ~~ग्रूप कमांडर~~
Group Commander
NCC Gp HQ Belagavi
एन सी सी ग्रूप मुख्यालय
NCC Group Headquarters



प्रमाणपत्र CERTIFICATE

सं. No. **KA19SDA475017** रैंक Rank **CDT**
 नाम सुपुत्र/सुपुत्री
 Name **MADHUSUDAN .PATIL** Son/Daughter of **LINGANAGOUDA**
 यूनिट जन्म तिथि
 Unit **24 KAR BN NCC, DHARWAD** Date of Birth **28/04/2000**

राष्ट्रीय कैडेट कोर निदेशालय - कर्नाटक एवं गोवा, बेंगलूर
 NCC Directorate - Karnataka & Goa, Bangalore

प्रमाणित किया जाता है कि ऊपरलिखित कैडेट ने रक्षा मंत्रालय, भारत सरकार के प्राधिकार के अधीन सन् 20.... में हुई प्रमाणपत्र..... परीक्षा पास कर ली है ।
 This is to certify that the above mentioned Cadet has passed the Certificate..... **B**..... Examination held in 20**21**..... under the authority of Ministry of Defence, Government of India

Grading**'B'**.....
 स्थान **BELAGAVI**
 Place.....
 दिनांक **14 JUL 2021**
 Date.....



K Srinivas
 Colonel ग्रूप कमांडर
 Group Commander
 एन सी सी ग्रूप मुख्यालय
 NCC Group Headquarters

STUDENTS' PARTICIPATION ON ONLINE COURSES:

International webinar: "The Career Catalyst: Plan, Prepare, & Prosper in Life Sciences" organized by the Division of Biochemistry, faculty of Life Sciences, JSS AHER Mysuru on 8th & 9th May 2021



JSS
ACADEMY OF HIGHER
EDUCATION & RESEARCH
(DEEMED TO BE UNIVERSITY) MYSURU

JSS Academy of Higher Education & Research
(Deemed to be University)
Accredited "A+" by NAAC
Sri Shivarathreshwara Nagar, Mysuru-570 015, Karnataka, India

Certificate of Participation

This is to certify that

Soumya K

has participated in the International Webinar
"The Career Catalyst: Plan, Prepare, & Prosper in Life Sciences"
Organized by the Division of Biochemistry, Faculty of Life Sciences, JSS AHER, Mysuru,
held on 8th and 9th of May 2021.



Dr. Siddesha JM
Organizing Secretary



Dr. K.A. Raveesha
Convener & Head, FLS



Dr. Balasubramanian S
Director (Research) & Dean –FLS



Dr. Manjunatha B
Registrar



JEEVAM

Outlook Ranked among India's Top 50 Science Colleges in 2020
THE FULLY LOADED MAGAZINE

A+ NAAC 2018
2020 nirf 33rd in INDIA
KSURF
QS ASIA RANKINGS 291-300
QS INDIA RANKINGS 31=
2020 ARIIA BAND - A
RANKINGS 6-25

Miss Soumya K, participated in the International webinar: "The Career Catalyst: Plan, Prepare, & Prosper in Life Sciences" organized by the Division of Biochemistry, faculty of Life Sciences, JSS AHER Mysuru on 8th & 9th May 2021



इसरो ISRO

अंतरिक्ष विभाग / DEPARTMENT OF SPACE
भारत सरकार / GOVERNMENT OF INDIA
भारतीय अंतरिक्ष अनुसंधान संगठन / INDIAN SPACE RESEARCH ORGANISATION
भारतीय सुदूर संवेदन संस्थान, देहरादून / INDIAN INSTITUTE OF REMOTE SENSING, DEHRADUN



नामंकन सं. / Enrolment No.: 2021831095016

CERTIFICATE OF PARTICIPATION IN ONLINE COURSE

यह प्रमाणपत्र
कु. शीतल गुरुवाडेयार
को "जियो-स्पेशियल तकनीक का हाइड्रोलॉजिकल मॉडलिंग में उपयोग" में ऑनलाइन पाठ्यक्रम में भाग लेने पर प्रदान किया जाता है।
इस ऑनलाइन पाठ्यक्रम का आयोजन 19 जुलाई, 2021 से 30 जुलाई, 2021 (कुल पाठ्यक्रम की अवधि = 13 घंटे 30 मिनट) के दौरान किया गया।
(संबन्धित आई.आई.आर.एस. नोडल केंद्र - कर्नाटक उच्च शिक्षा विभाग, देहरादून)

**THIS CERTIFICATE IS
AWARDED TO
MS. SHEETAL GURUVADEYAR
ON HAVING PARTICIPATED IN THE ONLINE COURSE ON
"Geospatial technology for hydrological modelling"**

THIS ONLINE COURSE WAS CONDUCTED DURING **19-07-2021 to 30-07-2021** (Total course duration was = 13 hours and 30 minutes).
(Concerned IIRS Nodal Centre- Karnatak University, Dharwad, Karnataka)

Date: 10-08-2021
Place: Dehradun
UID: 50e636225f640db0b09f5e7274e14591. This Certificate can be validated using URL: <https://certificate.iirs.gov.in>

समन्वयक, विश्वविद्यालय/संस्थान
Coordinator, University/Institution



निदेशक / Director
आई.आई.आर.एस. देहरादून / IIRS, Dehradun

Miss Sheetal Guruvadeyar participate din an online course on "Geospatial Technology for Hydrological Modelling" organzied by ISRO - IIRS conducted from 19th to 30th July

Research Bootcamp



Certificate of Appreciation

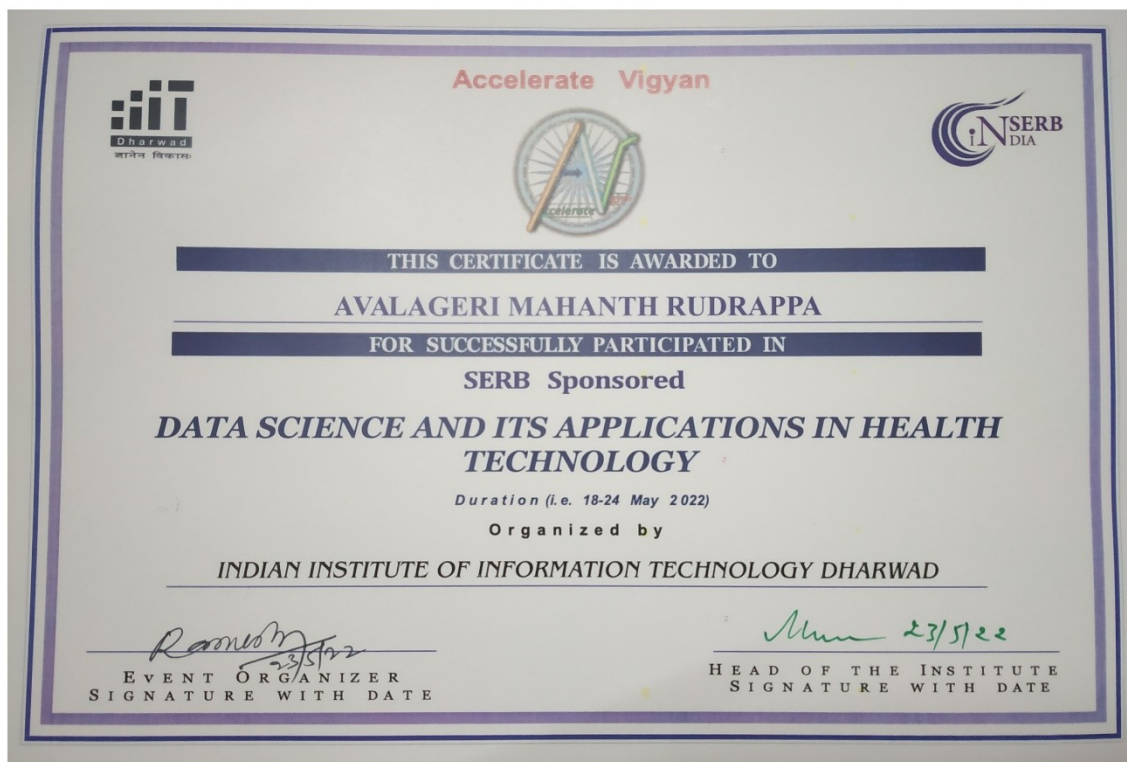
This is presented to

SHAMANT DESAI

for their outstanding performance as a Changemaker in Project uP's
Research Bootcamp from 16th May, 2022 to 25th May, 2022.

Vardaan Shekhawat
Founder-President, Project uP

Devashish Saxena
Team Lead



Mr. Avalageri Mahanth Rurdappa has participated in SERB-sponsored
"DATA SCIENCE AND ITS APPLICATIONS IN HEALTH TECHNOLOGY"
organized by Indian Institute of Information Technology, Dharwad
18th to 24 May 2022

ICT ENABLED TOOLS

B1 Lecture Hall -Department of Botany



C1-Lecture Hall - Department of Chemistry



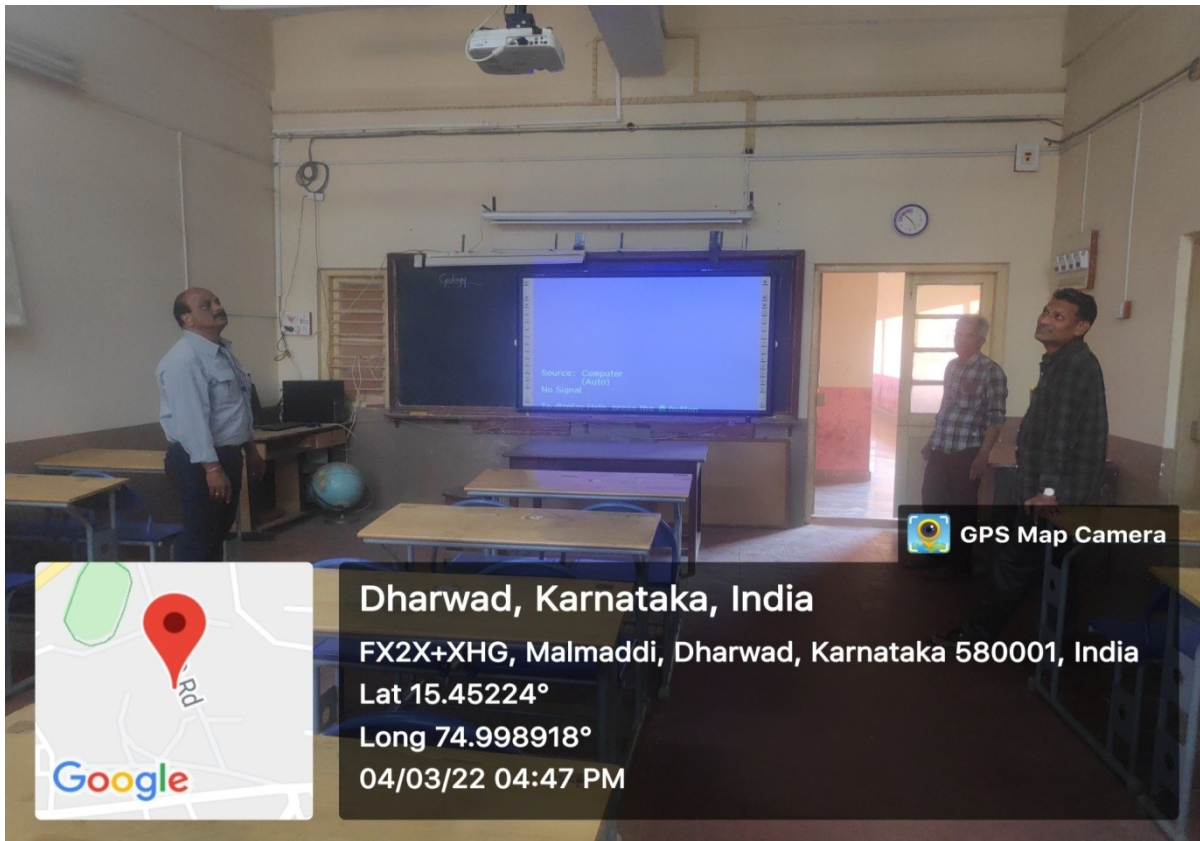
Lecture Hall – Department of Criminology



G-6 Lecture Hall- Department of Geography



Geology Lecture Hall – Department of Geology



P1 Lecture Hall – Department of Physics

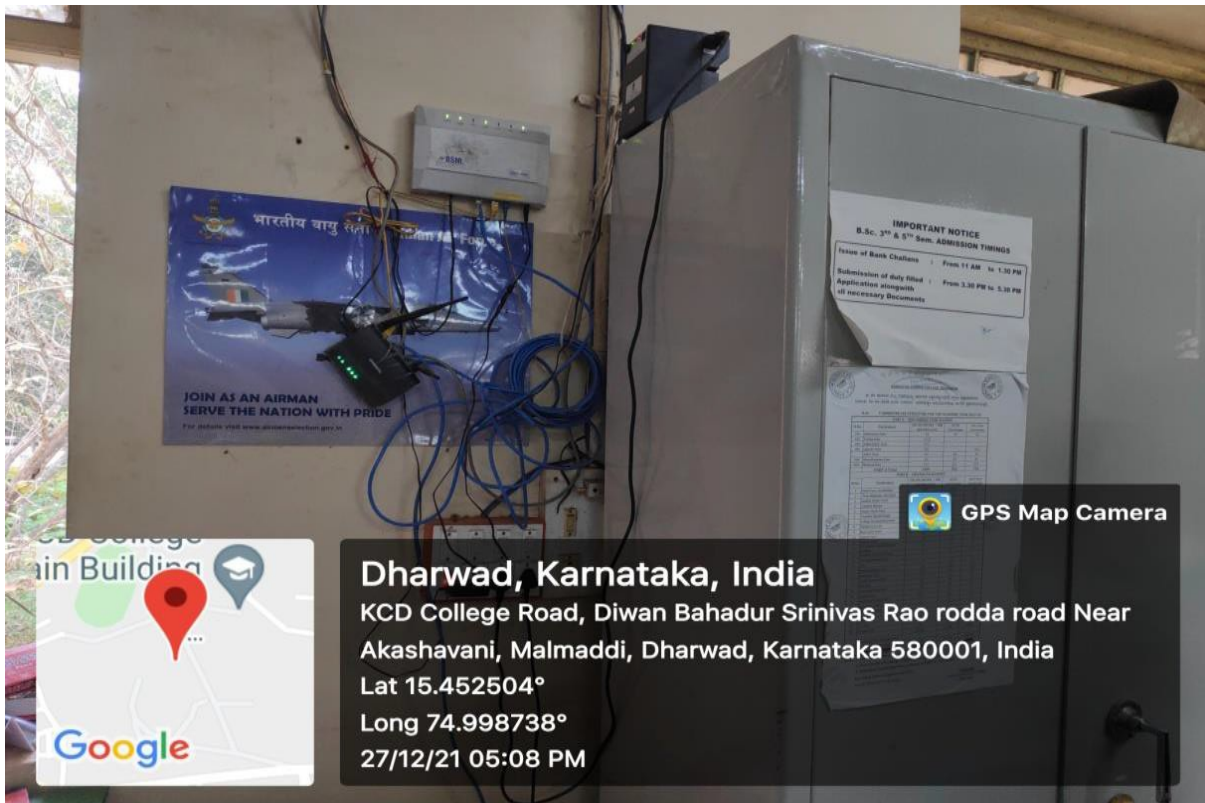
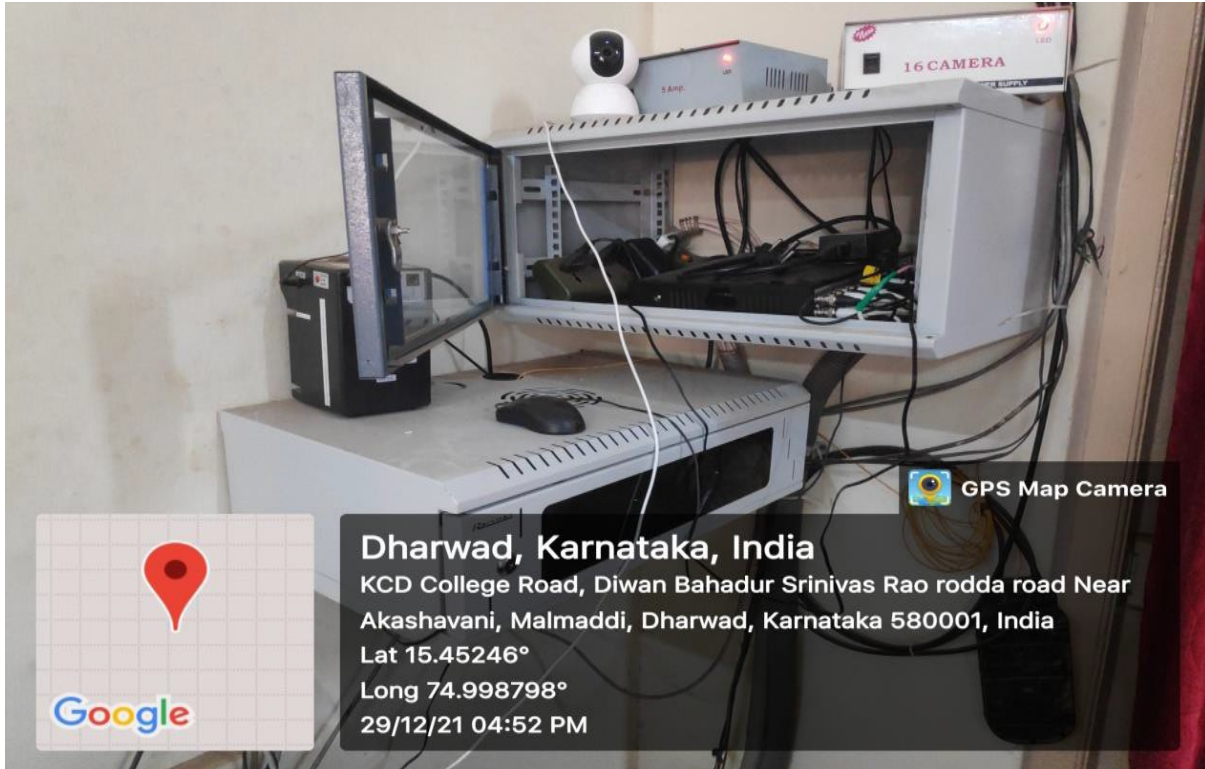


IQAC Office – Karnatak Science College, Dharwad

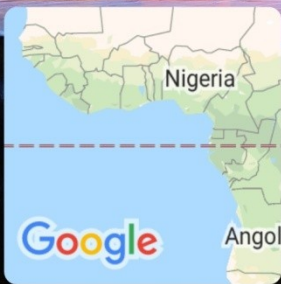


Latitude: 15.452478
Longitude: 74.998768
Elevation: 762.82m
Accuracy: 15.0m
Time: 03-13-2022 09:57

Wi-Fi Facility



Science Association Function in “SRIJANA” Rangamandir (Auditorium)



Dharwad, Karnataka, India

Chemistry Dept, KCD Rd, Malmaddi, Dharwad, Karnataka 580001, India

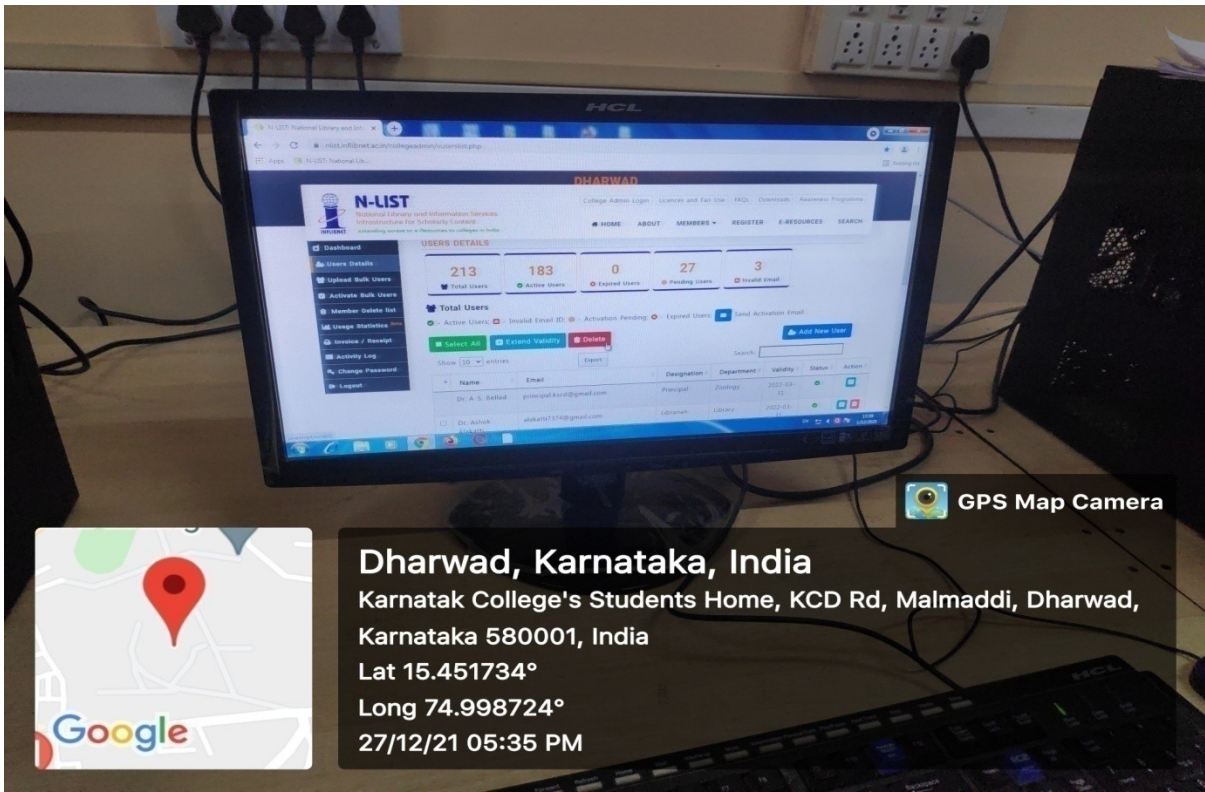
Lat N 15° 27' 9.1656"

Long E 74° 59' 55.356"

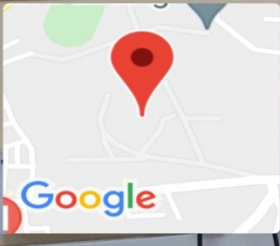
26/02/21 04:03 PM

Library Digitalization





Dharwad, Karnataka, India
Karnatak College's Students Home, KCD Rd, Malmaddi, Dharwad,
Karnataka 580001, India
Lat 15.451734°
Long 74.998724°
27/12/21 05:35 PM




Dharwad, Karnataka, India
Karnatak College's Students Home, KCD Rd, Malmaddi, Dharwad,
Karnataka 580001, India
Lat 15.451731°
Long 74.998713°
27/12/21 05:24 PM

Photocopier



Dharwad, Karnataka, India
Chemistry Dept, KCD Rd, Malmaddi, Dharwad, Karnataka 580001,
India
Lat 15.452766°
Long 74.99868°
13/03/22 10:30 AM

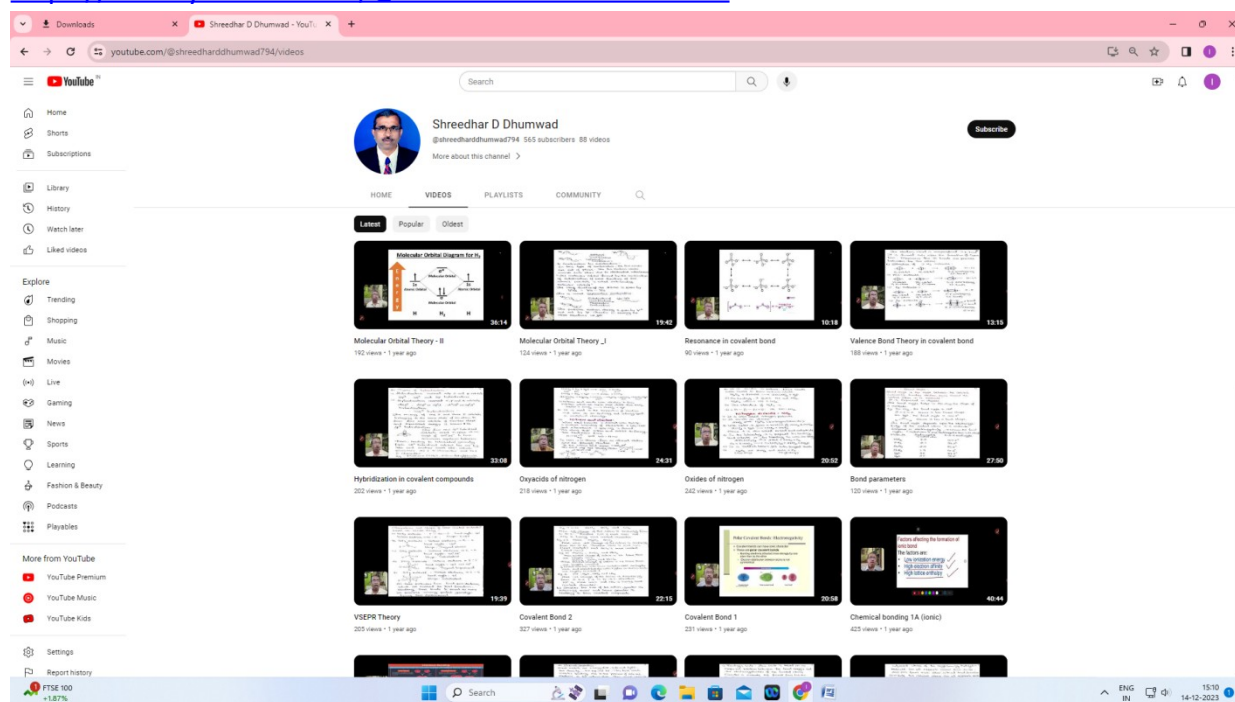
 GPS Map Camera

Teaching faculty with YouTube Channel for the effective teaching process.

YouTube Channels:

Dr. Shreedhar D. Dhumwad, *Associate Professor, Department of Chemistry.*

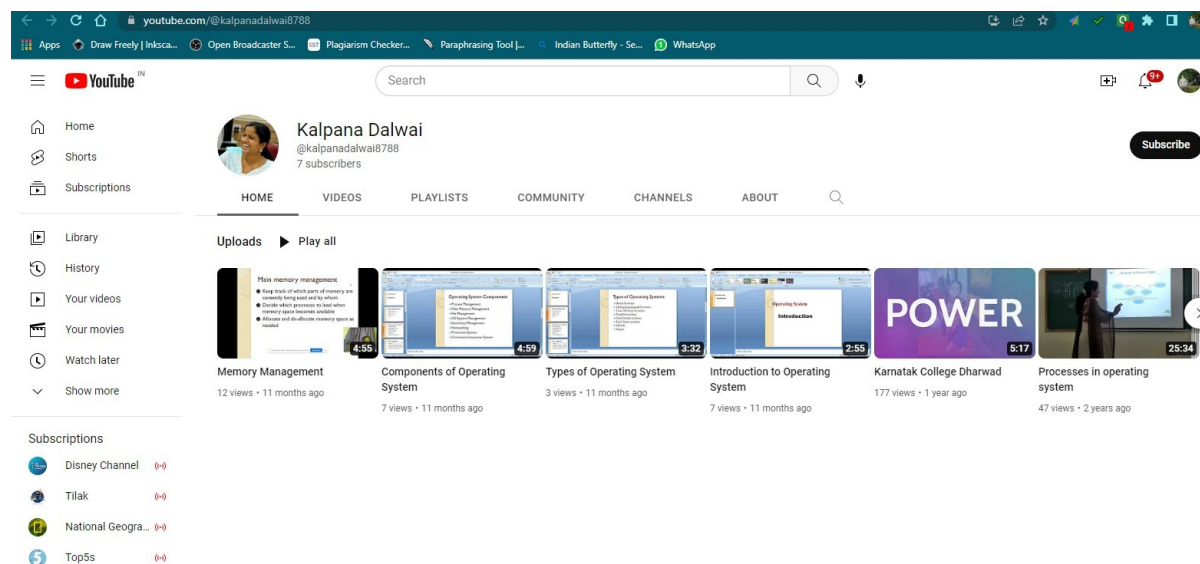
<https://www.youtube.com/@shreedhardhumwad794>



The screenshot shows the YouTube channel page for Dr. Shreedhar D. Dhumwad. The channel name is "Shreedhar D Dhumwad" with the handle "@shreedhardhumwad794" and 565 subscribers. The page displays a grid of 12 educational videos related to chemistry, including topics like Molecular Orbital Theory, Resonance in covalent bond, Valence Bond Theory, Hybridization in covalent compounds, Oxides of nitrogen, Bond parameters, VSEPR Theory, Covalent Bond 2, Covalent Bond 1, and Chemical bonding 1A (ionic). The interface includes a search bar, navigation tabs (HOME, VIDEOS, PLAYLISTS, COMMUNITY), and a sidebar with various YouTube features.

Prof. Kalpana S. Dalwai, *Assistant Professor, Department of BCA*

<https://www.youtube.com/@kalpanadalwai8788>

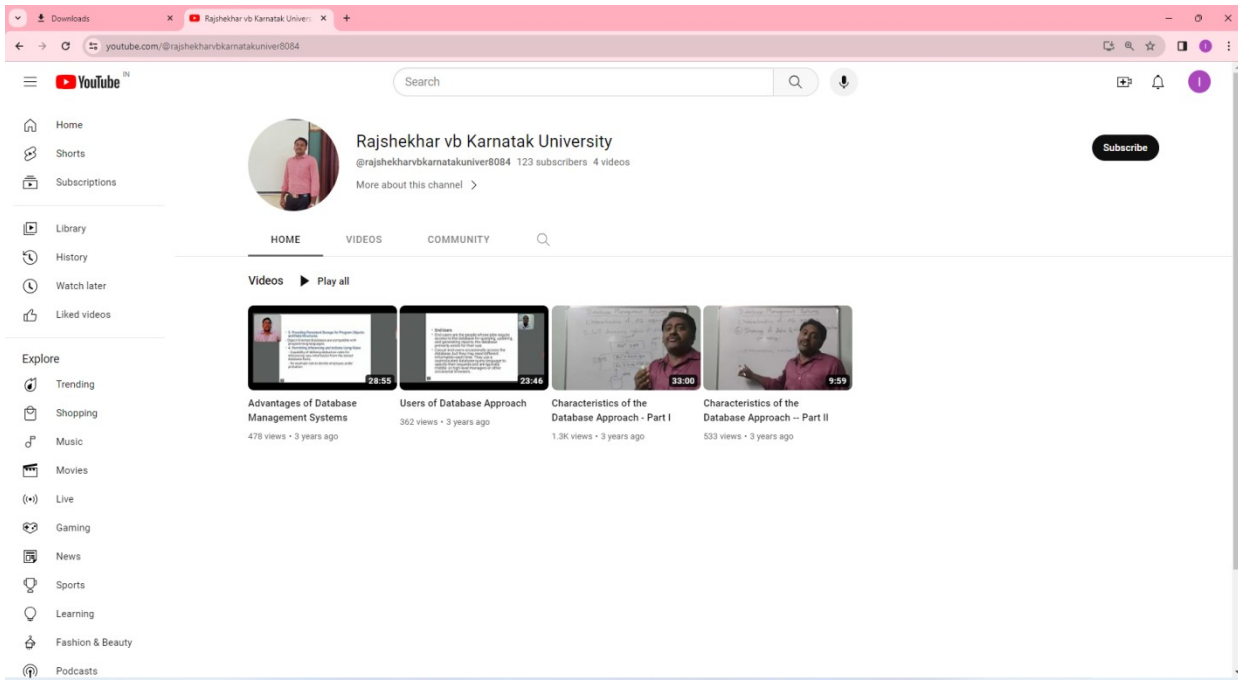


The screenshot shows the YouTube channel page for Prof. Kalpana S. Dalwai. The channel name is "Kalpana Dalwai" with the handle "@kalpanadalwai8788" and 7 subscribers. The page displays a grid of 6 educational videos related to operating systems, including topics like Memory Management, Components of Operating System, Types of Operating System, Introduction to Operating System, Kamatak College Dharwad, and Processes in operating system. The interface includes a search bar, navigation tabs (HOME, VIDEOS, PLAYLISTS, COMMUNITY, CHANNELS, ABOUT), and a sidebar with various YouTube features.

YouTube Channel:

Prof. Rajashekhar V. Baraker, *Assistant Professor, Department of BCA*

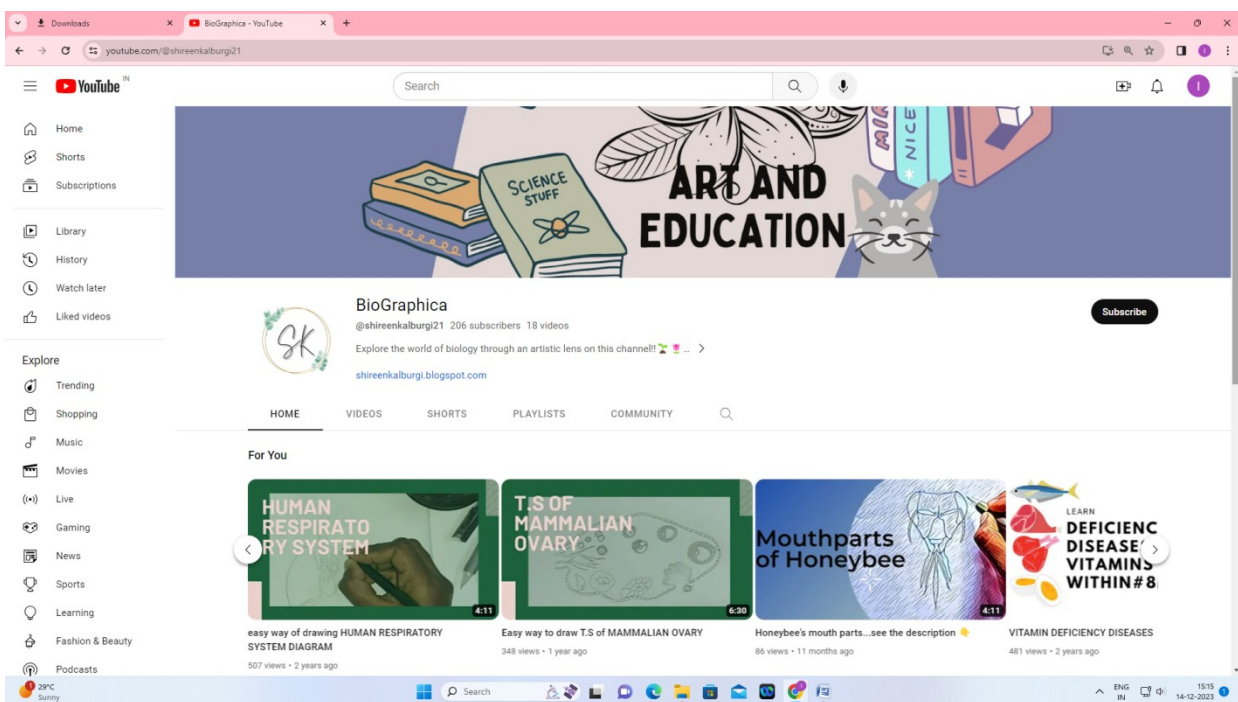
<https://www.youtube.com/@rajshekharvbkarnatakuniver8084>



Students' Youtube Channel:

Ms. Shireen Kalburgi, *B. Sc IV semester Combination* (Chemistry, Botany, Zoology)

<https://www.youtube.com/@shireenkalburgi21>



Google Classroom links:

Dr. (Smt) Rajeshwari D. Sanakal, *Assistant Professor, Department of Zoology*

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

The screenshot shows a Google Classroom interface for the class 'B.Sc 3rd sem Zoo, (1st sem- DSC 22-23)' by RDSanakal. The left sidebar contains navigation options: Home, Calendar, Teaching (To review, IQAC 2019-20), Enrolled (To-do, B.Sc 3rd sem Zoo, BCA & B.Sc(CS) Isem, BSc Zoology, 3rd sem, 21-22), Archived classes, and Settings. The main content area features a header image of three penguins and the class title. Below the header, there is an 'Upcoming' section with a message: 'Wohoo, no work due soon!'. A post by Rajeshwari k (Dec 18) asks students to find descriptions for a colorimeter and spectrophotometer, with attached files 'spectroscopy rds lab or cl...' and 'Working Principle of Color...'. Another post by Rajeshwari k (Dec 4) asks students to find presentation and study material on PCR and electrophoresis, with attached files 'electrophoresis rds class (...)' and 'Agarose Gel Electrophore...'. The Windows taskbar at the bottom shows the date as 21-12-2023 and the time as 15:30.

The screenshot shows a Google Classroom interface for the class 'Bsc Vth sem NEP-DSC (Batch- 2021--22)' by Zoology (RDS). The left sidebar contains navigation options: Home, Calendar, Teaching (To review, IQAC 2019-20), Enrolled (To-do, Bsc Vth sem NEP-DSC, B.Sc 3rd sem Zoo, BCA & B.Sc(CS) Isem, BSc Zoology, 3rd sem, 21-22), Archived classes, and Settings. The main content area features a header image with a yellow envelope and the class title. Below the header, there is an 'Upcoming' section with a message: 'Wohoo, no work due soon!'. A post by Rajeshwari k (Dec 12) asks students to find vermiculture earthworm species, with an attached file 'vermicompost good 2 rds ...'. Another post by Rajeshwari k (Dec 12) asks students to find Monday batch practical-writing material for the life cycle of silkworm and types of silk, with attached files 'Different Types Of Silk In L...' and 'life_cycle_and_morpholog...'. The Windows taskbar at the bottom shows the date as 21-12-2023 and the time as 15:31.

Prof. Kalpana S. Dalawai, Assistant Professor, Department of BCA

<https://classroom.google.com/c/MTUyOTk3NzA5Nzc5?cjc=mscmpxp>


Downloads x BCA & B.Sc(CS) 1sem Smt.Kalpa... x +

classroom.google.com/c/MTUyOTk3NzA5NzZz5

Classroom > BCA & B.Sc(CS) 1sem
Smt.Kalpana Dalwai, Assistant Professor

Home Calendar Teaching To review IQAC 2019-20 A Enrolled To-do BCA & B.Sc(CS) 1sem Smt.Kalpana Dalwai, Assistant Prof... BSc Zoology ,3rd sem, 21-22 (... Zoology (Dr.RDSanaka)) Archived classes Settings

Stream Classwork People



BCA & B.Sc(CS) 1sem


Smt.Kalpana Dalwai, Assistant Professor

Upcoming
Woohoo, no work due soon!
View all

Announce something to your class

Roshni T
Dec 29, 2020

Roshni T




Pdf_29Dec20_4.pdf
PDF

Add class comment...

Rajugoud Mailgond
Dec 23, 2020

Assignment on OPERATORS



Drive file

