



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

NAAC Accredited

Phone No: 0836-2215410 & 2215400 Fax: 0836-2744334

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



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

2018 –2023: 43

Sl. No	Name of the workshop/ seminar/ conference	Number of Participants	Date From – To
2022-23 :11			
1	NEP for Botany 3rd and 4th semester syllabus	100	25-6-2022
2	Save Soil program	150	23-6-2022
3	Extension programme in Lokur Village, Dharwad Taluk	100	23-06-2022
4	ONE DAY WORKSHOP AND TRAINING PROGRAM ON RENEWABLE ENERGY SOURCES AND SOLAR POWER	34	16-11-2022
5	Three days National Seminar	300	11-11-2022 to 13-11-2022
6	SELCO Solar Light Private Limited, Jnanavikasa Orientation and Training Program	32	29-11-2022
7	One-Day Workshop Gamma Ray Spectroscopy	20	04-05-2023
8	One-Day Workshop on Intellectual Property Rights	74	24-05-2023
9	One day workshop on soft skill for career growth	83	27-05-2023
10	Two day workshop on Research Methodology	80	15-02-2023 to 16-02-2023
11	Multidisciplinary Workshop: Sanskrit's diverse aspects	85	05-07-2023
2021-22 :06			
12	Relook in the curriculum of Chemistry for B.Sc. Sem -I & II: DSC and OEC under National Education Policy (NEP) 2021-22	100	4th February 2022
13	Implementation of National Education Policy (NEP) in Botany	100	29-10-2021
14	IQAC initiative orientation program on “Research Methodology in Mathematics”	70	16-17 March, 2022.
15	IQAC initiated two days enrichment training on “Mathematical operations with Scilab”	70	17-18 May, 2022

16	Embedded system using Arduino	32	18 th -19 th May 2022
17	One day Training Program on Enterprenership	75	26.05.2022
2020-21:13			
18	In association with Higher Education Academy, Dharwad webinar programme was conducted for the benefit of M.Sc. I and II year students and faculty members on research methodology in Physics.	66	12-05-2021 to 11-06-2021 (06 sessions)
19	One day virtual training on Awareness on "Intellectual Property Rights"	56	30-05-2021
20	International Webinar on Emerging Innovations in Biotechnology	25	17-12-2020
21	One day National Webinar on Role of Biodiversity in 21st century	102	07-12-2020
22	Two Day International Webinar on Recent Innovations in Chemical Sciences	158	04-12-2020 To 05-12-2020
23	One Day International Webinar on Advances & Opportunities in Genetics	45	19-12-2020
24	Two Day International Webinar on Climate Change ,Geo-Hazards and Sustainable Development	95	26-11-2020 To 27-11-2020
25	One Day International Webinar on Recent Trends in Physics	156	28-11-2020
26	One Day National Webinar on Big Data Analytics	52	08-12-2020
27	One day students seminar on Effect of Covid on Education in India and Effect of Covid on Employment in India	45	19-01-2021
28	One Day National Webinar on Faunal Diversity and prospects of Life Sciences	183	30-11-2020
29	NAAC Accreditation and Assessment in sight	97	16-12-2020
2019-20 :06			
30	Career Guidance and Skill Development	48	14-12-2020
31	Two Days Works shop on Communication and Interview Skills	96	29-02-2019 to 01-03-2019
32	Ten Days Workshop on "PYTHON PROGRAMMING"	32	03-12-2019 to 12-12-2019
33	One day carrier Guidance Programme	126	28-08-2019
34	International Year of Periodic Table	300	29-08-2019
35	Research Facility Training Programme (RFTP) For Research Scholars	15	21-11-2019
36	Embedded system development using 8051 Controller	38	01-02-2020
2018-19 :07			
37	One day Workshop on "UG Chemistry Practical techniques, performance, evaluation and guidelines"	229	22-06-2018

38	One day workshop on “nuclear energy for empowering future” (NEEF-2018)	208	07-08-2018
39	25th Annual Convention A silver Jubilee Celebration		10-02-2018
40	Two Days Workshop on “Industry Oriented Training”	52	19-03-2019
41	One day Seminar on Recent Advances in Science and Technology	200	15-09-2018
42	One day Trining Programe for placement	195	25-03-2019
43	How To Crack Civil Service Examinations And How To Face Interview-Preparation for Competative Examination How to Face Interview	70	26-03-2019
	GRAND TOTAL		43

2022-23

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1. NEP FOR BOTANY 3RD AND 4TH SEMESTER SYLLABUS

1

PHOTOGRAPHS:



REPORT:

Workshop conducted by the Department of Botany

A one-day workshop entitled "NEP for B.Sc. Botany 3rd and 4th Semester Syllabus" was conducted by the Department of Botany at Karnatak Science College, Dharwad (KSCD) on 25th June 2022. Professor T. C. Taranath, the Director of the College Development Council (CDC) of Karnatak University, Dharwad (KUD), and a Professor of Botany, attended as the Chief Guest of the Inaugural function of the Workshop and delivered a lecture. Dr. S. C. Chougala, the Principal of KSCD, delivered the Presidential address. Dr. (Smt.) Doris M Singh, HOD of Botany at KSCD, welcomed the gathering and introduced the Chief Guest to the audience, which comprised faculty members from Botany departments of different colleges affiliated with KUD.

Late Dr. C. G. Patil, Associate Professor of Botany at KSCD and IQAC Deputy Coordinator, spoke at the one-day workshop entitled "NEP for B.Sc. Botany 3rd and 4th Semester Syllabus," held in the UG & PG Department of Botany at Karnatak Science College, Dharwad (KSCD) on 25th June 2022. In addition to Late Dr. C. G. Patil, Dr. K.P. Kolkar, Dr. K. Kotresha, and Dr. (Smt.) Doris M Singh, faculty members of the Department of Botany at KSCD, Dr. N. S. Harihar, Dr. Veena Rokhade, Mr. Mallikarjun C, Ms. Komal C, Mr. Akshay Patil, Dr. (Smt.) S. G. Ligade, Ms. Shubha K, and Smt. Sudha S, the Teaching Assistants, Guest Faculty, and Research Scholars of the Department of Botany at KSCD were involved in the successful organization of the one-day workshop. A large number of Botany teachers from colleges affiliated with KUD attended the program.

2.SAVE SOIL UNDER VALUE-BASED ACTIVITY FOR NEP STUDENTS (23-06-2022)

PHOTOGRAPHS:

2



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

REPORT:

The Student Welfare Office (SWO), in collaboration with the Internal Quality Assessment Cell (IQAC) and the ISHA Foundation, organized a special program on "Save Soil" as part of the Value-Based Activity for NEP Students on 23-06-2022 at 12 PM in the BCA Hall of Karnatak Science College, Dharwad. The esteemed resource person, Prof. G. S. Dasog, Ex-Dean (Agri) and Soil Scientist from the University of Agricultural Sciences, Dharwad, along with other dignitaries, graced the occasion. Dr. J. L. Kalyan, the in-charge Principal, presided over the program.

Prof. G. S. Dasog addressed the audience, shedding light on the crucial topic of "Save Soil." He commenced with a proverb - "A bad bush is better than an open place," emphasizing the need to discourage the use of plastic and promote green initiatives like planting trees. He also highlighted the "Save Soil" movement initiated by Sadguru, recounting how he embarked on a 30,000 km journey across 24 nations on a motorcycle to raise awareness. Prof. G. S. Dasog emphasized the importance of organizing more awareness programs on the significance of the "Save Soil" campaign. He urged students to actively participate and advocate against the use of plastics, which pose a serious threat to the environment. On this occasion, a significant number of students and faculty members from various departments of Karnatak Science College, Dharwad, pledged to

contribute to soil conservation. Dr. Jagaadesh L Kalyan, the in-charge Principal of Karnatak Science College, Dharwad, delivered the vote of thanks.

Prof. G. S. Dasog empowered the students with insights into the urgency of saving soil from further degradation. He highlighted the alarming rate at which the country's soil resources are diminishing, citing statistics that indicate the soil's organic matter should be at least three percent according to the United Nations, whereas it currently stands at only 0.5 percent in India. He emphasized that this not only impacts agricultural productivity but also depletes the nutritional value of our food, posing risks to human health. Prof. G. S. Dasog expressed concern about the looming threat to food security in the country due to soil degradation.

3. EXTENSION PROGRAMME IN LOKUR VILLAGE, DHARWAD TALUK

3

PHOTOGRAPHS



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

REPORT:

Report on the Extension Program Organized by the Staff Members of the Department of Zoology, Karnatak Science College, Dharwad:

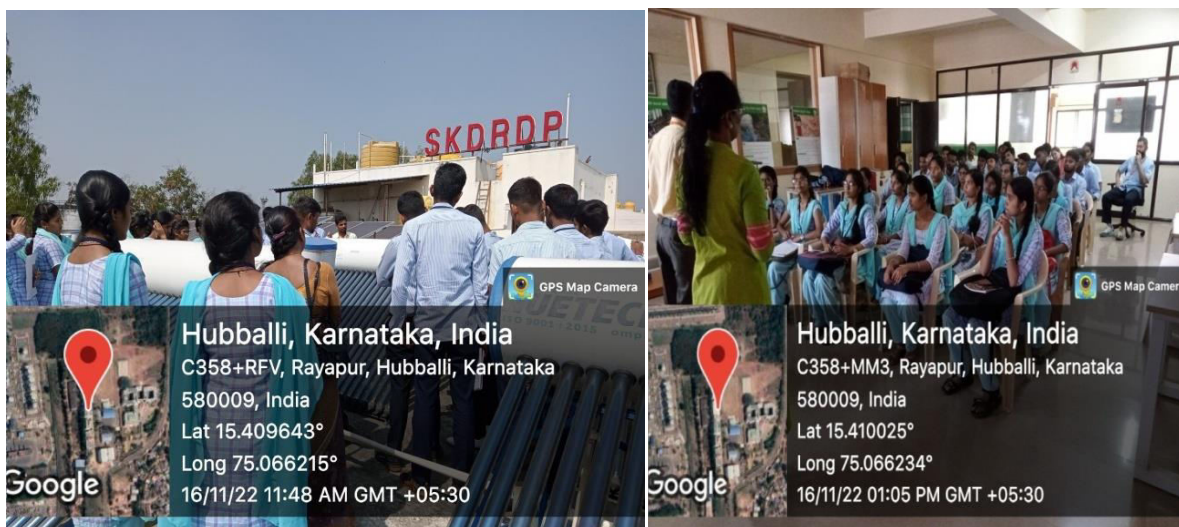
On 23-06-2022, the faculty members of the Department of Zoology at Karnatak Science College, Dharwad (KScCD), orchestrated a "One-day Extension and Skill Development Leading to Self-Employment" program in Lokur Village, under the jurisdiction of Dharwad Taluka. The event was initiated by the Internal Quality Assurance Cell (IQAC) of Karnatak Science College, Dharwad, with the aim of benefiting the students of the local government high school in Lokur. The esteemed Chief Guest for the occasion was Shri. Madan Parakaali, while Shri. Irappa Narasinghannavar (SDMC Deputy Director) graced the event as the Special Invitee. Additionally, the Head Master of the School, Shri. S. N. Hadapad, was also in attendance.

The program featured lectures and presentations delivered by distinguished resource persons, including Dr. Sameer Chebbi from the Department of Industrial Fish and Fisheries at KScCD, Dr. Harsha Neelgund, Dr. Manohar Pattar (from the Department of Microbiology, KScCD), and Dr. Neeta Kari from the Department of Zoology, KScCD. These presentations were supplemented with practical demonstrations and utilized various audio-visual tools to enhance understanding.

Dr. S. C. Chougala, the Principal of Karnatak Science College, Dharwad, presided over the inaugural function. Dr. (Smt.) R. D. Sanakal, the Head of Department of Zoology, Karnatak Science College, Dharwad, served as the Convener of the Program. Notable dignitaries present during the program included the Organizing Secretaries, Dr. S. S. Mangalawade and Dr. Harsha Neelgund, along with the IQAC Coordinator, Dr. L. T. Nayak, and the late IQAC member, Dr. C. G. Patil.

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

PHOTOGRAPHS:



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

REPORT:

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

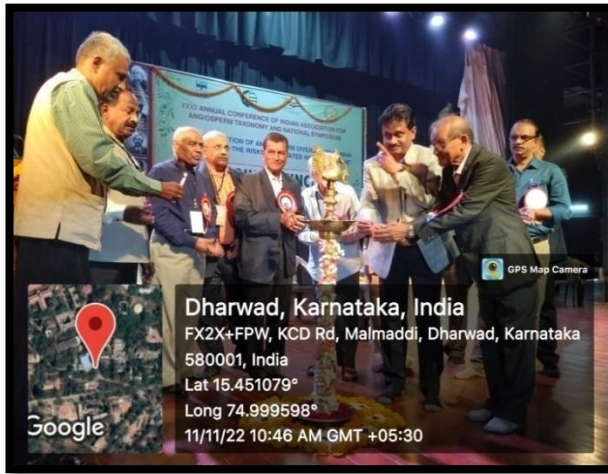
The institute specializes in providing training on solar lighting and power systems with the objective of creating awareness and promoting the use of sustainable energy solutions. The visit included hands-on training sessions, during which students had the opportunity to learn about the working principles, installation procedures, and maintenance aspects of solar power systems. They received guidance from experienced trainers and professionals from the institute. The training program also featured interactive sessions, enabling 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, which will be invaluable as they pursue careers in the renewable energy sector. The training program aimed to educate and create awareness about the importance of sustainable energy solutions, particularly solar power, emphasizing its role 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, which will be beneficial for their future involvement in projects and initiatives related to renewable energy.

This visit not only broadened 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.

4. THREE DAYS NATIONAL SEMINAR:

PHOTOGRAPHS:



Inauguration of XXXII Annual Conference of the Indian Association for Angiosperm Taxonomy (IAAT)

REPORT:

The XXXII Annual Conference of the Indian Association for Angiosperm Taxonomy (IAAT) and the National Symposium on "The Contribution of Angiosperm Diversity to Human Wellbeing and the Risks Associated with its Decline" was organized by the Department of Botany, Karnatak Science College, Dharwad from November 11 to 13, 2022. The Symposium was inaugurated by Prof. K.B. Gudasi, Vice-Chancellor of Karnatak University, Dharwad. The inaugural function was presided over by Prof. G.G. Maity, President of IAAT. The Organizing Secretary of the IAAT Conference, Prof. K. Kotresh from the Department of Botany, Karnatak Science College, introduced the program and welcomed the participants. Prof. (Smt.) Doris M. Singh and Prof. K.P. Kolkar were also present on the dais.

6. SELCO SOLAR LIGHT PRIVATE LIMITED, JNANAVIKASA ORIENTATION AND TRAINING INSTITUTE RAYAPUR DHARWAD

6

PHOTOGRAPHS:



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



Smita Mudhol, Manager Selco Solar Pvt.Ltd Giving Demo

REPORT:

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 conver 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 suply of electricity and can serve the local community along with the erving th 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. Some of the pictures related to the visit are shown below.

7. ONE DAY WORKSHOP ON GAMMA RAY SPECTROSCOPY

PHOTOGRAPHS:



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

REPORT:

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.


8. ONE-DAY WORKSHOP ON INTELLECTUAL PROPERTY RIGHTS


8

BROCHURE / INVITATION


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

REPORT:

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.

9.ONE DAY WORKSHOP ON SOFT SKILL FOR CAREER GROWTH

9

BROCHURE/INVITATION :

Chief Patron
Prof. K. B. Gudasi
Hon'ble Vice- Chancellor
Karnatak University, Dharwad


Patron
Shri. Yashpal Kshirsagar, IFS
Registrar
Karnatak University, Dharwad

Co- patron
Dr. S. C. Chougala
Principal,
Karnatak Science College, Dharwad

Convener
Prof. L.T. Nayak
IQAC Coordinator


Organizing Secretaries
Dr.(Smt.) Saraswati P. Masti , SWO
Smt. Kalpana Dalwai

Organizing Members
Prof. S. Manjunatha
Prof. S. D. Dhumwad
Dr. Nirupama J. M.




KARNATAK SCIENCE COLLEGE, DHARWAD

IQAC & SWO
organizing



One Day Virtual Workshop



for Degree Students of Dharwad District

on

Soft Skills for Career Growth:
Intra and Interpersonal Skills, Work Ethics, and Leadership
Qualities


Resource person


Dr. Manali Karmakar
Assistant Professor of English
School of Social Sciences and Languages
VIT , Chennai Campus, Chennai

Date :27th May, 2023 Time: 11.00 AM

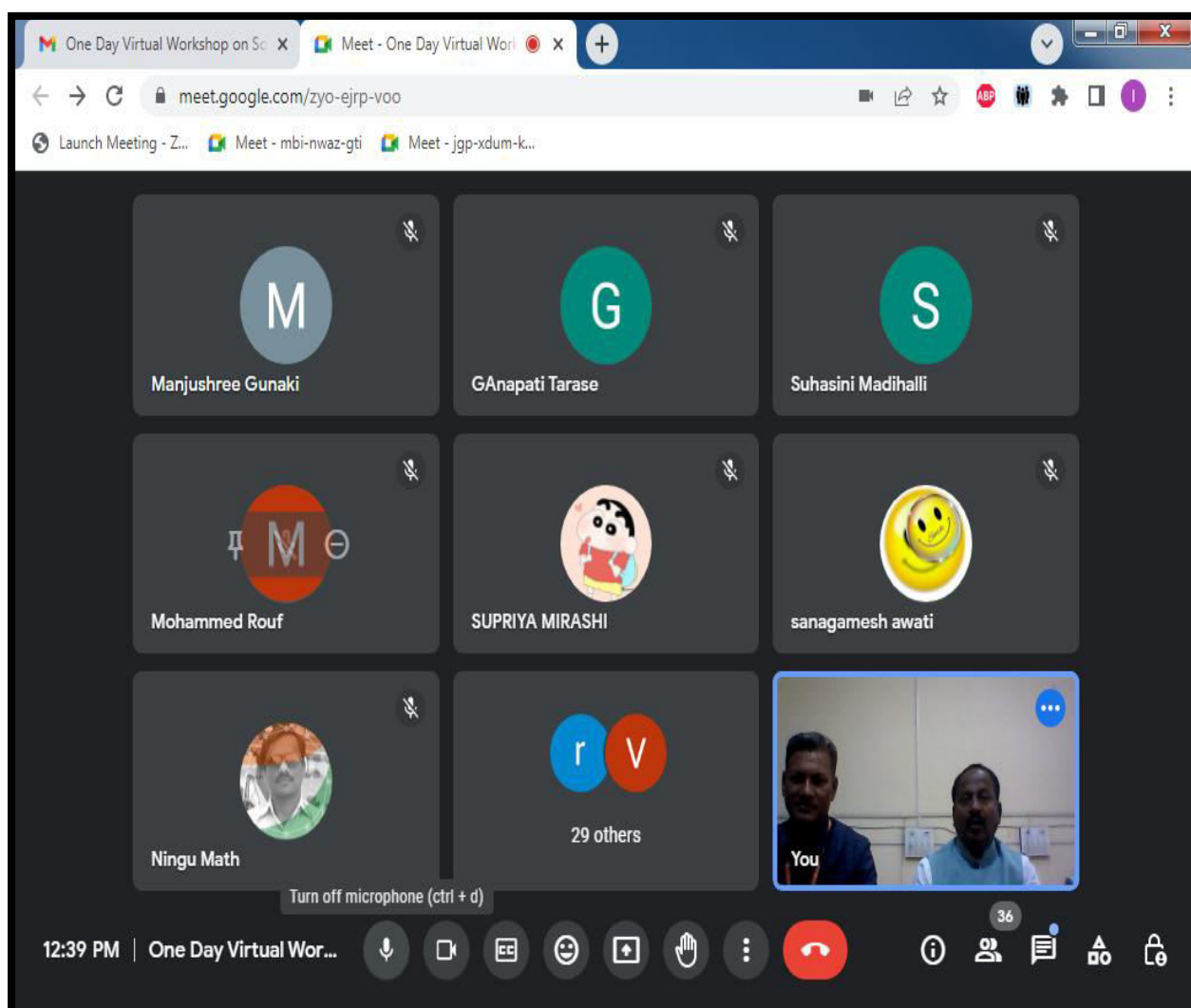
Virtual workshop platform goggle meet link:
<https://meet.google.com/zyo-ejrp-vo0>.

YOU ARE CORDIALLY INVITED





PHOTOGRAPHS:



One day virtual workshop screenshot of participants

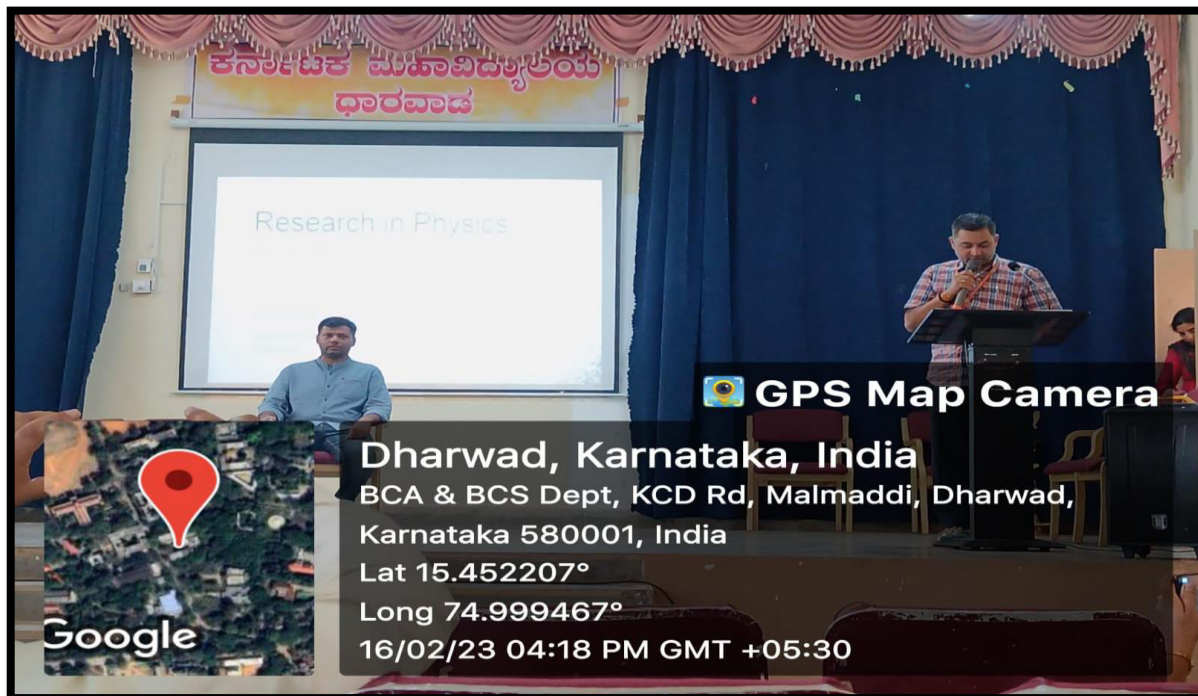
REPORT:

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.

10.TWO DAY WORKSHOP ON RESEARCH METHODOLOGY

10

PHOTOGRAPHS:



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



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

REPORT:

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.

**11.MULTIDISCIPLINARY WORKSHOP: SANSKRIT'S DIVERSE ASPECTS
BROCHURE/INVITATION**

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

MULTIDISCIPLINARY WORKSHOP

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 G Mulagund
Co-ordinator, IQAC
KACD

REPORT:

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.

2021-22

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1. RELOOK IN THE CURRICULUM OF CHEMISTRY FOR B.SC. SEM -I & II: DSC AND OEC UNDER NATIONAL EDUCATION POLICY (NEP) 2021-22

BROCHURE / INVITATION

1



KARNATAK UNIVERSITY'S
KARNATAK SCIENCE COLLEGE DHARWAD
DEPARTMENT OF CHEMISTRY



In Collaboration with IQAC- KSCD

**Online Workshop
On**

**"Relook in the Curriculum of Chemistry for B.Sc. Sem-I & II:
DSC and OEC Under NEP-2021-22"**

Chief Guest

Professor M.Y.Karidurgannavar
Chairman Post Graduate Studies in Chemistry BOS
Karnatak University, Dharwad.

President

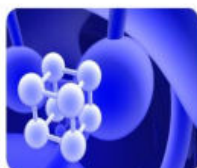
Dr. Shivanand C Chougala
Principal
Karnatak Science College, Dharwad

Convenor

Dr.S.D.Dhumwad
Associate Professor & Head of the Department of Chemistry
Karnatak Science College Dharwad

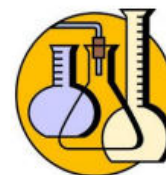
Organizing Secretaries

Dr. Jayalakshmi K, Dr. Rajappa S. K
& Dr. K.S.Katagi



Members

All the Faculty members of Department of Chemistry
Karnatak Science College Dharwad



Date: 04-02-2022 at 11.30 AM

Plot Form: Google Meet

All are cordially invited

PHOTOGRAPHS:



REPORT:

Chemistry ONLINE workshop: Relook in the curriculum of Chemistry for B.Sc. Sem -I & II: DSC and OEC under National Education Policy (NEP) 2021-22 Conducted on: 4th February 2022. Online workshop on "Relook in the curriculum of Chemistry for B.Sc. Sem -I & II: DSC and OEC under National Education Policy (NEP) 2021-22" was organized by the Department of Chemistry, KSCD (An IQAC initiative). The workshop was conducted on 4th February 2022. Prof. M. Y. Karidurgannavar, Chairman of the PG Department of Chemistry, KUD was the Chief Guest. Dr. S. D. Dhumwad, HOD of Chemistry, KSCD was the Convener

2. IMPLEMENTATION OF NATIONAL EDUCATION POLICY (NEP) IN BOTANY



Professor Niranjan Murthi, Chairman of the Department of Botany at KUD, Dr. A.S. Bellad, Principal, and the staff of the Botany Department, K.Sc Dharwad, are inaugurating the implementation of the NEP Programme.



Students of the Department of Botany are welcoming the dignitaries on the occasion of the implementation of the NEP for B.Sc. students.

REPORT

Workshop conducted by the Department of Botany A one day workshop entitled “Implementation of National Education Policy (NEP) in Botany” was organized by the Department of Botany, Karnatak Science College, Dharwad (KSCD) on 29th October 2021. The program was held in the Z1 hall of the department of Zoology, KSCD. Prof. H. N. Murthy, Professor and Chairman, PG Department of Studies in Botany, Karnatak University, Dharwad (KUD) was the Chief Guest of the inaugural program of the workshop. Dr. (Smt.) A. S. Bellad, the Principal of KSCD presided over the inaugural function of the Workshop held at 11 am (on 29th October 2021).

3. IQAC INITIATIVE TWO DAYS PROGRAMON “RESEARCH METHODOLOGY IN MATHEMATICS”

PHOTOGRAPHS



Faculty of PG mathematics welcoming the dignitaries on the Dias



Dr. Shashikant from JSS college giving demo.

REPORT :

Report on the IQAC initiative orientation program on "Research Methodology in Mathematics," held on March 16-17, 2022, organized by the P.G. Department of Mathematics, Karnatak Science College, Dharwad.

The orientation program on "Research Methodology in Mathematics" was organized by the P.G. Department of Mathematics, Karnatak Science College, Dharwad, from March 16th to 17th, 2022, for the Postgraduate students of Mathematics. The program was initiated by IQAC, Karnatak Science College, Dharwad. The purpose of the program was to familiarize the students with research and developments in the field of Mathematics. More than 70 students attended the program.

The program was inaugurated by Dr. S.C. Chougala, Principal, KSCD, Dr. (Smt.) Ashwini Yalnaik, Davangere University, Davangere, and other invitees along with the coordinator. Eminent speakers such as Dr. (Smt.) Ashwini Yalnaik (DU, Davangere), Dr. Shashikant (JSS, Dharwad), Mr. Kartik Pise (Research Scholar, KUD), Mr. Ashoka K. (Research Scholar, KUD) delivered lectures on various research topics in Mathematics, including Graph Theory, Ordinary Differential Equations, Computational Science and Algorithms, Mathematical Analysis, and Vector Analysis. There were a total of four lectures, each lasting two hours.

In the valedictory function, Dr. S.C. Chougala (Principal, KSCD) was the chief guest, and Dr. L.T. Nayak (IQAC Coordinator, KSCD) and Dr. C.G. Patil (IQAC member, KSCD) were the Guests of Honor.

Organizing Committee:

Smt. Ambika R., Coordinator, PG Mathematics - Coordinator

Dr. (Smt.) Nafisabanu K., Teaching Assistant - Organizing Secretary

Dr. Raju B.J., Teaching Assistant - Member

Dr. (Smt.) Pushpa M.N., Teaching Assistant - Member

We are thankful to IQAC, KSCD for initiating the program. Also, we are thankful to the authorities of Karnatak Science College, Dharwad, for their support and encouragement in conducting this program.

4. IQAC INITIATED TWO DAYS ENRICHMENT TRAINING ON “MATHEMATICAL OPERATIONS WITH SCILAB”

4

PHOTOGRAPHS



Resource person Dr. P.G. Patil, Chairman of the Department of Mathematics at Karnatak University, Dharwad, delivered a session on Mathematical Operations with Scilab



Resource persons conducted demonstrations, and students actively participated in hands-on training sessions.

REPORT:

Report on the IQAC-initiated two-day enrichment training on "Mathematical Operations with Scilab," held on May 17-18, 2022, organized by the P.G. Department of Mathematics, Karnatak Science College, Dharwad (KSCD).

The enrichment training on "Mathematical Operations with Scilab" was organized by the P.G. Department of Mathematics, Karnatak Science College, Dharwad, from May 17th to 18th, 2022,

for the Postgraduate students of Mathematics. The program was initiated by IQAC, Karnatak Science College, Dharwad. The purpose of the training was to expose the students to perform basic matrix and vector manipulation, to conduct basic 2D plotting, and to test algorithms or numerical computations.

More than 70 students attended the program. The program was inaugurated by Dr. S.C. Chougala, Principal, KSCD, Dr. P.G. Patil, Chairman, Dept. of Mathematics, Karnatak University, Dharwad, and other invitees along with the coordinator. Eminent speakers such as Dr. Shreenivas Kersur (GIT, Belagavi), Dr. Kakasab Mirji (GIT, Belagavi), Dr. Shashikant (JSS, Dharwad), engaged in sessions on various mathematical operations with Scilab, such as writing functions in Scilab, performing basic matrix and vector manipulation, writing Scilab code utilizing basic loops such as "if" and "for", conducting basic 2D plotting, and methods to solve differential equations. There were a total of four sessions, each lasting three hours.

In the valedictory function, Dr. Shashikant (JSS, Dharwad) was the chief guest, Dr. S.C. Chougala (Principal, KSCD) was the president, and Dr. C.G. Patil (co-coordinator IQAC, KSCD) and Smt. L.R. Nayak (HOD, Dept. of Computer Science, KSCD) were the Guests of Honor.

Organizing Committee:

Smt. Ambika R., Coordinator, PG Mathematics - Coordinator

Dr. Raju B.J., Teaching Assistant - Organizing Secretary

Dr. (Smt.) Nafisabanu K., Teaching Assistant - Member

Dr. (Smt.) Pushpa M.N., Teaching Assistant - Member

Mr. Ashoka K., Guest Faculty - Member

We are thankful to IQAC, KSCD, for initiating the program. Also, we are thankful to the authorities of Karnatak Science College, Dharwad, for their support and encouragement in conducting this program.

REPORT:

Two Days Skill Enhancement Program On Embedded Systems Using Arduino" (For B. Sc. (Electronics) and M.Sc. (Physics) Students) Department of Physics/Electronics in association with IQAC, Karnatak Science College, Dharwad has organised two days skill enhancement training on "Embedded system using Arduino" for B.Sc. (Electronics) and M.Sc. (Physics) students on 18th - 19th May 2022. 32 students participated in the training program. The training programme was inaugurated by Principal, Dr. S.C. Chougala. In his inaugural address, Principal emphasised on developing additional skills along with regular academic programme. Dr. L.T. Nayak, Coordinator, IQAC, has opined that, the quality of the institutions can only be elevated by conducting such training programmes to the younger generation. Prof. M.R. Ranganath H.O.D., Department of Physics, motivated the students to involve actively and make best use of the opportunity. Dr. (Smt.) Nirupama J.M., Coordinator, Electronics, explained about the objectives and importance of the training programme. Embedded systems have become integral part of life. They have wide range of applications such as in automobiles, Digital TV, ATM, home appliances, security systems, Missile tracking system and so on. Any device that includes a programmable computer is an embedded system. It performs specific task but it is not a general purpose computer. The necessity of sensors, transducers, operating systems and sophisticated user interfaces is increasing exponentially hence any electronic device can be easily designed using embedded development board known as Arduino. In this training, Arduino UNO open source microcontroller At Meg 328P board was used. Resource Persons, Mr. Vinayak Nayak and Mr. Avinash Kambale of Physics/Electronics Department, have trained the students to program the Arduino using C code and accessing the pins on the board via software to control the external devices. In addition, a hands-on training was given to the students on interfacing of LED and LED blinking, Buzzers, LCD, Stepper motor, Finger print sensor, Ultrasonic sensor and Global system for mobile communication.

Chief Guest of the valedictory function, Dr. (Smt) Jyothi S.Bali, Assistant Professor of Automation and Robotics Department of K.L.E. Technological University, Hubli, persuaded the students to develop logical thinking skills in programming to design electronic devices using Arduino. Dr. C. G. Patil, Co-Coordinator, IQAC, highlighted the importance of embedded system in daily life. All the staff members of the Department had participated in the function. Mr. M.I. Charanthimath welcomed the gathering, Kumari Deepa and Lakshmi invocated, Mr. Ranganath Yadav had proposed the vote of thanks. Kumari Navya and Sindhu had conducted the programme.

6. ONE DAY TRAINING PROGRAMME ON ENTREPRENEURSHIP

INVITATION



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

Internal Quality Assurance Cell (IQAC)
In Association With
STUDENT WELFARE OFFICE (SWO)
organized
**One Day Training Programme On
Entrepreneurship**

Resource Persons
Mallikarjun Otageri
Management Consultant, Dharwad
Shivanand Bagalakoti
M.D. of Shivakumar Engineering Works, Hubballi

President
Dr. S. C. Chougala
Principal

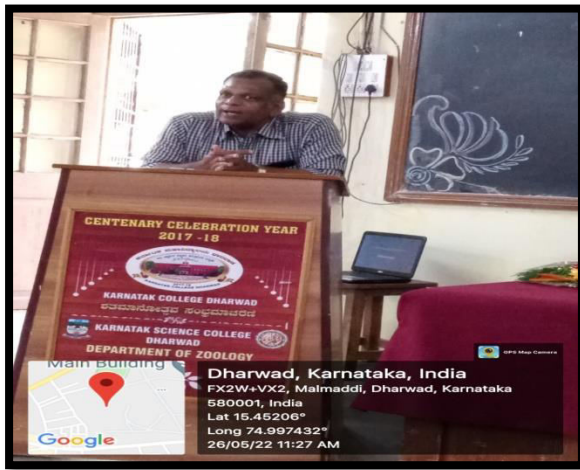
Venue: Z-1 Hall Time: 10:30 a.m. Date: 26-05-2022

YOU ARE CORDIALLY INVITED

Dr. L. T. Nayak
IQAC co-ordinator

Dr. Saraswati P. Masti
Student Welfare officer

Student Secretary's
Sangamesh Uppar
Pratiksha Honnappanavar



Resource Person Mr. Mallikarjun Otageri, Management Consultant Dharwad Addressing the audience



Dr.C.G.Patil Welcoming the resource persons and audience



Students are listening to the resource person

REPORT:

One Day Training Programme on Entrepreneurship

Student Welfare Office (SWO) in association with Internal Quality Assurance Cell (IQAC), conducted **One Day Training Programme on Entrepreneurship** for final year students on 26.05.2022 at 10.30 AM in Z-1 hall, Dept. of Zoology, Karnatak Science College, Dharwad. The program has begun with the invocation by Shilpa Patgar, B.Sc. VI Semester student. Formal speech was given by Dr. L. T. Nayak, Coordinator, IQAC, K.Sc.C.D. and Dr. Saraswati P. Masti, SWO, K.Sc.C.D. welcomed the gathering. Dr. C. G. Patil, Co-coordinator, IQAC, K.Sc.C.D., introduced the resource persons Mallikarjun Otageri and ShivanandBagalakoti.

Mallikarjun Otageri, Management Consultant, Dharwad, and ShivanandBagalakoti, M.D. of Shivakumar Engineering Work, Hubballi, trained the students on entrepreneurship and also shared their experiences with them. The session started with an introduction to "entrepreneurship."

Mallikarjun Otageri, Management Consultant, Dharwad, encouraged the students by explaining the importance of entrepreneurship. He addressed backbone of modern nation "youths" and how they could be used as the economic booster to the country. He motivated students to begin start-ups at a very young age and made it simple for students to understand how the entrepreneurial world works in practise and how newcomers must have everything planned out before they begin, as well as the requirements for starting a business and running it profitably. He emphasised the problems that a young entrepreneur might face in his initial venture into the business world. He shared sufficient information about how to spot opportunities, the role of education, and how it could be beneficial to their journey as entrepreneurs and talked about the skills and keys required to become a successful entrepreneur.

ShivanandBagalakoti, M.D. of Shivakumar Engineering Work,Hubballi also discussed the different strategies to start a business and build their careers. He addressed the students that to begin a business, not necessarily on a large scale, one has to have a vision, financial support, business connections, moral support, and other necessary requirements. He advised students to have a specific goal that includes planning, financing, and managing their businesses. The session was informative and interactive.



Karnatak University's



Karnatak Science College, Dharwad- 580 001

**One Day Training Programme on
Entrepreneurship for Final Year B.Sc. Students
Student Registration**

Date - 26-05-22* B. Sc. VI Sem
One-day training Programme on Entrepreneurship

S.No	Roll no	Name	combination	Signature
1)	111	Ashok. P.M	PCM	
2)	124	Mishankumar.H.Kodli	PCM	
3)	58	Abhishek .H. yalga	PME	A.H. yalga
4)	60	Devesaj .P. Jsgaloo	PME	P.R. Mysore
5)	306	Halesha.P.Hausabari	CAFSL	
6)	283	Gavisiddamagouda.p	CZFSC	
7)	236	Ravi. Kammar.	CBGeo	
8)	105	Vijay Kumar	PMFS	Vijay Kumar
9)	281	Vijay.N.C	CZIF	
10)	272	Ajzal	CZIF	
11)	273	Ajay. N. C	CZIF	
12)	275	Akshay	CZIF	
13)	370	Shrishail. Mantur	CMSI	
14)	259	Abhishek. A.	CZBT	ARW
15)	07	Asif. Chandpalla	CMSI	
16)	31	Sahana.B.Gouda	CsMFS	
17)	95	Basavaraj. M.Hulihalli	PMFS	
18)	302	Umesh. N.Lamani	CGG	
19)	357	Srispuram.Samanvith	AGG	
20)	397	Mahesh. M.Devaramani	CGG	
21)	168	Anand. L.Savadaoti	CBZ	
22)	850	Rajesh.P.WAL	AGG	
23)	806	Mantigouda.Patil	CBGeo	
24)	84	Laxman.S.M	PMCh	

50)	104	Shrinath Nayak	PMFs	Shrinath
24)	01	Anil C. Kamagoud	GeoMCA	Akshay
25)	26	Mahesh B. Marlagund	CEMFs	Mahesh
26)	239	Vinayak A. fannanahalli	CBGeo	Vinayak
27)	161	Wishu Wishu	PCM	Wishu
28)	146	Sangamesh Vastwad	PCM	Sangamesh
29)	163	Vinod Patil	PCM	Vinod
30)	141	Ravi S. Tegur	PCM	Ravi
31)	120	Bhagwan Patil	PCM	Bhagwan
32)	128	Mallikarjun. Badagoun	PCM	Mallikarjun
33)	103	Somesh. Balakundaragi	PMFs	Somesh
34)		Prashant. Sawane	PCM	Prashant
35)	214	Rahul. Bachadi	CBMicro	Rahul
36)	327	Honnappa	AGFs	Honnappa
37)		Harsho M. B	CZGen	Harsho
38)	155	Siddram. D lali	PCM	Siddram
39)	167	Akshay. H	CBZ	Akshay
40)	171	Huliraj. M	CBZ	Huliraj
41)	189	Raghavendra. A. Makashi	CBZ	Raghavendra
42)	286	Maruti. B. Koti	CZFsc	Maruti
43)	164	Abhinandan. Sarapure	CBZ	Abhinandan
44)	242	Ravi. Y. B	PCM	Ravi
44)	86	Kishor. P. Pawar	PMG.	Kishor
45)	94	Yallappa. S. Shingachi	DMG	Yallappa
46)	367	Channabasayya B. Belligutti	CMST	Channabasayya
47)	245	Sanavulla K. H	CZGen	Sanavulla
48)	240	AMAN. A. S	CZGen	AMAN
49)	109	Anil S. Talawar	PCM	Anil

Sl. No.	Roll. No	Name	combination	Signature
1.	279	Poojima. Pethikarubas	CZIF	<u>Poojima</u>
2.	280	Shivaleela. B. Sanamoni	CZIF	<u>Shivaleela</u>
3.	275	Ashwini. Hosamani	CZIF	<u>Ashwini</u>
4.	182	Pavitra Patil	CBZ	<u>Pavitra</u>
5.	295	Shivapriya. B. Hiremath	CBZ	<u>Shivapriya B. Hiremath</u>
6.	299	Swati. M. Namastemath	CBZ	<u>Swati M.M.</u>
7.	2901	Toiveni. S. Naik	CBZ	<u>Toiveni</u>
8.	290	Sana Kousari. N. Yonagatti	CZFSc	<u>Sana Kousari</u>
9.	14927	Nanda. V. Hiremath	CsMFSc	<u>Nanda</u>
10.	255	Pragati. P. Joshi	CZMicro	<u>Pragati</u>
11.	203	Vani. R. Rahut	CBZ	<u>Vani</u>
12.	218	Arusha. B. Hurali	CBBt	<u>Arusha</u>
13.	221	Jyoti. Enagi	CBBt	<u>Jyoti</u>
14.	208	Chhaya. M. V	CBmicro	<u>Chhaya</u>
15.	231	Sukanya. Patil	CBIF	<u>Sukanya</u>
16.	219	Aruna patil	CBBt	<u>Aruna</u>
17.	371	Sneha Jadhav	CMST	<u>Sneha</u>
18.	369	Nagaveni Kengamur	CMST	<u>Nagaveni</u>
19.	368	Mahadevi B. K.	CMST	<u>Mahadevi</u>
20.	154	Shruti Amaragel	PCML	<u>Shruti</u>
21.	212	Kavya. Mo. Karikar	CBMi	<u>Kavya</u>
22.	211	Hafiza Khanum Soudagar	CBMFC	<u>Hafiza</u>
23.	143	Sahana. N. Patil	PCM	<u>Sahana Patil</u>
24.	160	Vidya. Kamble	PCM	<u>Vidya</u>
25.	156	Sneha. Jankar	PCM	<u>Sneha</u>
26.	125	Lakshmi. Hutkeshi	PCM	<u>L.M. Hutkeshi</u>
27.	117	Deepa Akki	PCM	<u>Deepa</u>
28.	131	Nafisa Ladhkan	PCM	<u>Nafisa</u>
29.	1211	P. L. V. Trivedi	PCM	<u>P. L. V. Trivedi</u>

30	159	Tejashwini. R. Hosamani	PCM	<u>IRB</u>
31	133	Nirmala. M. Sabarad.	PCM	Ans
32	151	shilpa. N. Kambi	PCM.	IRB
33	113	Chandrata. S. Deshpande	PCM	<u>IRB</u>
34	249	Akhila. J. Gouli	CZMico	skhila
35	256	Purneta. Jigall	CZMico	<u>Purneta</u>
36	252	Divya U. H.	CZMico	<u>Divya</u>
37	207	Anushka. U. A	CB Mico	<u>A</u>
38	132	Niketa. Baddamani	PCM	<u>NA</u>
39	106	Afrzebony Solapur	PCM	<u>Afrzebony</u>

2020-21

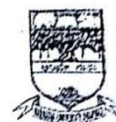
Sl. No	Name of the workshop/ seminar/ conference	Number of Participants	Date From – To
2020-21:13			
1	In association with Higher Education Academy, Dharwad webinar programme was conducted for the benefit of M.Sc. I and II year students and faculty members on research methodology in Physics.	66	12-05-2021 to 11-06-2021 (06 sessions)
2	One day virtual training on Awareness on "Intellectual Property Rights"	56	30-05-2021
3	International Webinar on Emerging Innovations in Biotechnology	25	17-12-2020
4	One day National Webinar on Role of Biodiversity in 21st century	102	07-12-2020
5	Two Day International Webinar on Recent Innovations in Chemical Sciences	158	04-12-2020 To 05-12-2020
6	One Day International Webinar on Advances & Opportunities in Genetics	45	19-12-2020
7	Two Day International Webinar on Climate Change ,Geo-Hazards and Sustainable Development	95	26-11-2020 To 27-11-2020
8	One Day International Webinar on Recent Trends in Physics	156	28-11-2020
9	One Day National Webinar on Big Data Analytics	52	08-12-2020
10	One day students seminar on Effect of Covid on Education in India and Effect of Covid on Employment in India	45	19-01-2021
11	One Day National Webinar on Faunal Diversity and prospects of Life Sciences	183	30-11-2020
12	NAAC Accreditation and Assessment in sight	97	16-12-2020

1. In association with Higher Education Academy, Dharwad webinar programme was conducted for the benefit of M.Sc. I and II year students and faculty members on research methodology in Physics.

1



Karnataka University's
KARNATAK SCIENCE COLLEGE, DHARWAD
PG-Department of Physics



Date: 10/5/2021

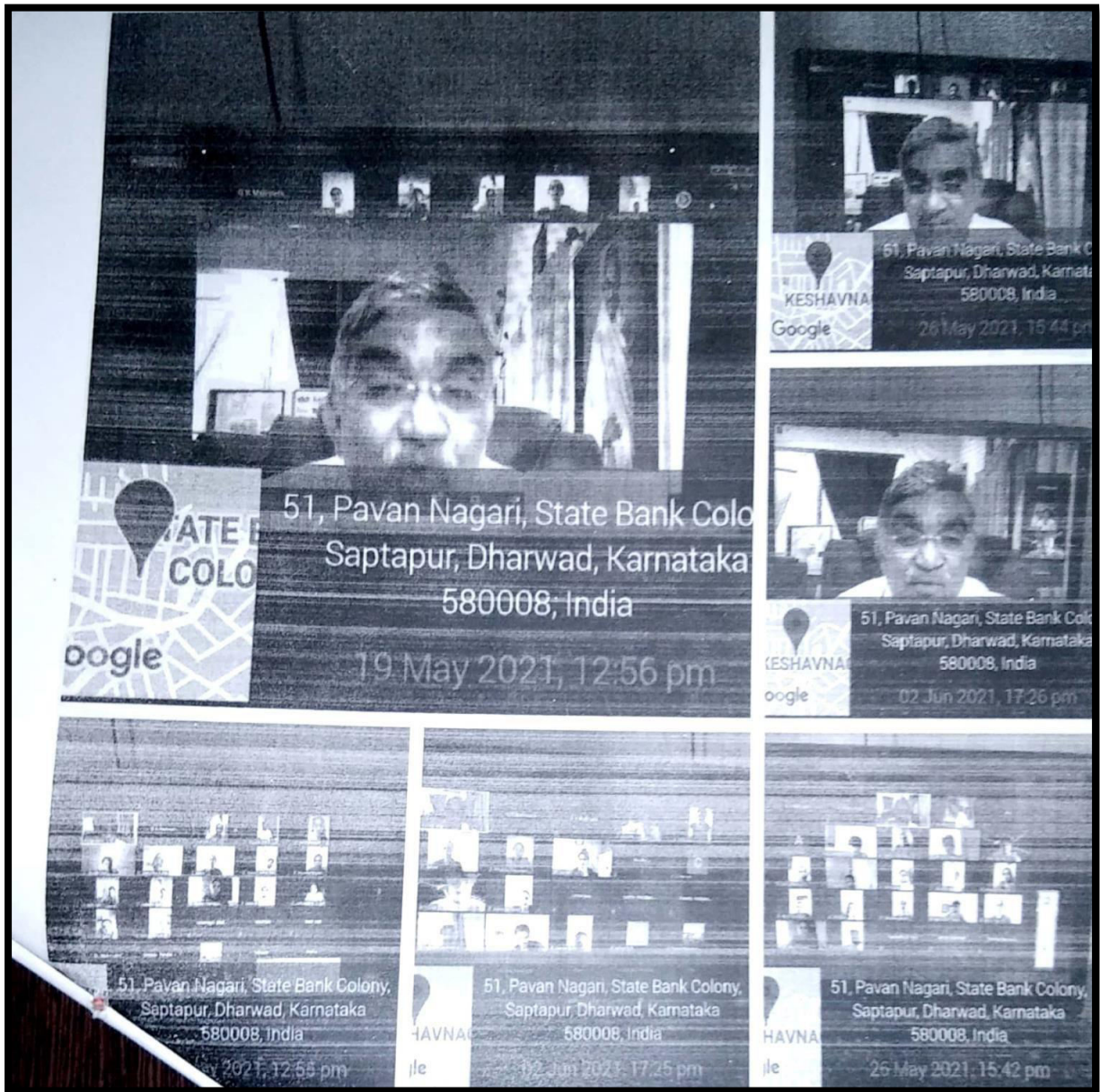
NOTICE

This is to inform that PG-Department of Physics is organizing webinar on “**Research Methodology in Physics**” by eminent scientist, Prof. S.M.Shivaprasad, Director, Karnataka State Higher Education Academy Dharwad, for M.Sc I & II year students. This webinar will be conducted from 12/5/2021 to 11/6/2021 (7 sessions). This program has been organized to motivate young students of this PG-Department to take research in various fields of Physics in Universities and Premier National Research Institutes. Hence all PG students are advised to attend this program without fail.

Head of the Department

HEAD
Department of Physics
Karnatak Science College, Dharwad

PHOTOGRAPHS:



Student attendance List



Karnataka University's
KARNATAK SCIENCE COLLEGE, DHARWAD
PG-Department of Physics



Attendance of Webinar on Research Methodology in Physics- 2021

Reg.No	Name	12 th May	19 th May	26 th May	2 nd jun	8 th jun	11 th jun	17 th jun
M.Sc-I Year:								
20S16001	Abhishek.Tolanur.	P	P	P	A	P	P	A
20S16002	Akshata.P.Naragatti.	P	P	P	A	A	P	P
20S16003	Ashwini.K.	P	P	P	P	A	P	A
20S16004	Avinash.Patil.	P	P	P	A	P	A	P
20S16005	Chinmaye.Malimath.	P	P	P	P	P	P	P
20S16006	Divya.M.Ramana.	P						
20S16007	Harsha.N.P.	P	P	P	A	A	P	A
20S16008	Harsha.R.Yamanur.	P	P	P	P	A	P	P
20S16009	Hazratbi.Mulla.	P	P	P	P	A	P	A
20S16010	Jyoti.Jamanoor.	P	P	P	A	A	P	P
20S16011	Lata.Patil	P	P	P	P	P	P	A
20S16012	Lavanya.Angadi.	P	P	P	P	P	A	P
20S16013	Meghana.M.Kandgol.	P	P	P	P	A	P	A
20S16014	Nivedita.G.Kurlageri	P	P	P	A	P	A	P
20S16015	Pooja.B	P	P	P	A	A	P	P
20S16016	Pradeep.Inchangi.	P	P	P	P	P	P	A
20S16017	Priya.P.Doddamani.	P	P	P	P	P	A	P
20S16018	Renuka.K	P	P	P	P	A	P	P
20S16019	Sandeep.	P	P	P	A	A	P	P
20S16020	Sharanabasava.C.H.	P	P	P	P	P	A	P
20S16021	Sheetal.Guruvareddyar	P	P	P	A	P	P	A
20S16022	Shubha.S.Bhajantri.	P	P	P	P	P	P	P
20S16023	Sneha.Y.Chatur.	P	P	P	P	P	P	P
20S16024	Sneha.Doddamani.	P	P	P	P	A	P	A
20S16025	Sneha.Yarashi.	P	P	P	A	A	P	P
20S16026	Sonal.Kalal.	P	P	P	P	P	A	P
20S16027	Soumya.B.Banakar.	P	P	P	P	P	P	P
20S16028	Srilaxmi.Patil.	P	P	P	P	P	P	P
20S16029	Srushti.Donur.	P	P	P	A	P	A	P
20S16030	Suma.Patil.	P	P	P	P	P	P	P
20S16031	Varad.Phadake	P	P	P	A	P	P	P
20S16032	Varha.C.Chakkadi.	P	P	P	P	P	P	P

20S16033	Vidya.M	P	P	P	P	A	A	A	P
20S16034	Vinuta.V.Dudyal.	P	P	P	P	A	A	A	P
20S16035	Yashoda.B.Patil.	P	P	P	P	A	A	A	P
M.Sc-II Year:									
19S16001	Anita Kolhar	P	P	P	P	P	P	P	P
19S16002	Apoorva Hallur	P	P	P	P	P	P	P	P
19S16003	Aruna Malakhej	P	P	P	P	P	P	P	P
19S16004	C.Veeresh	P	P	P	P	P	P	P	P
19S16005	Chaitrika K	P	P	P	P	P	P	P	P
19S16006	H. M. Nandan	P	P	P	P	P	P	P	P
19S16007	Kavya .D.	P	P	P	P	P	P	P	P
19S16008	Kishor M	P	P	P	P	P	P	P	P
19S16009	Laxmi Chavan	P	P	P	P	P	P	P	P
19S16010	Moinkhtar.H.	P	P	P	P	P	P	P	P
19S16011	Nagesh	P	P	P	P	P	P	P	P
19S16012	Prashant H	P	P	P	P	P	P	P	P
19S16013	Priyanka N	P	P	P	P	P	P	P	P
19S16014	Sampada P	P	P	P	P	P	P	P	P
19S16015	Shivrajgouda	P	P	P	P	P	P	P	P
19S16016	Supriya I	P	P	P	P	P	P	P	P
19S16017	Theresa	P	P	P	P	P	P	P	P
19S16018	Uzmanaz M.S	P	P	P	P	P	P	P	P
19S16019	Vaman kulkarni	P	P	P	P	P	P	P	P
19S16020	Veeresh	P	P	P	P	P	P	P	P

Faculty members in charges

1. Dr. Lohit Naik *Lohit Naik*
2. Ranganath. C. Yadau *R. Yadau*
3. Manjunath Chooanpimath *Manjunath Chooanpimath*
4. Shrueta Mekanapur *Shrueta Mekanapur*

[Signature]
HEAD
Department of Physics
Karnatak Science College, Dharwad



Karnataka University's
KARNATAK SCIENCE COLLEGE, DHARWAD
PG-Department of Physics



Phone: 0836-2215402
Fax : 0836-2744334

Email: guruked@gmail.com
Website: www.kscd.ac.in

REPORT ON WEBINAR ON RESEARCH METHODOLOGY

The webinar on “**Research Methodology in Physics**” was organized by PG-Department of Physics Karnatak Science College, Dharwad and was inaugurated by eminent scientist, Prof. S.M.Shivaprasad, Director, Karnataka State Higher Education Academy Dharwad on 12/5/2021. He addressed all post graduate student participants told about upcoming webinar topics. He conducted six online sessions to give information Research Methodology and other aspects. The next session was conducted on 19/5/2021 in that he has highlighted the importance of research on basic science (Semiconductor Physics, Opto-electronics, Optical fiber.. etc) towards industrial application and also motivated the students to do industrial application oriented research work.

In third session he explained how observations are to be made in Physics experiments by taking simple Physics problem on elastic and inelastic collision. With this example he showed how to collect data, how to interpret the data like a scientist. As it was LOCKDOWN period and all students were at home, at the end of this session he advised the PG-students to choose their Physics problem and come with some scientific results by doing simple experiments at home. He asked students to plot graphs on the experimental observation.

In the fourth session he has considered one of the problems that were taken by the students, further he has carefully observed the data and did one to one interaction with the student on that problem and analyzed that data using scientific approach. At the end of this session he showed what were the errors made by the students and suggested some important scientific skill/techniques to overcome errors.

In the fifth and sixth session, interaction are mainly focused on how to analyze experimental data, keypoints that should be taken from the experimental observations and how to organize data so that it gives a perfect experimental outcome.

In final session, he gave some information about international peer reviewed journal (Elsevier, Springer, RSC etc.) and how to send a research paper to these publishers.


Nearly 55 PG students and 15 faculty members attended all the sessions of this webinar program. All students participated actively and enthusiastically in the interaction program conducted at the end of each session. Resource person was very much satisfied with quality of interaction took place during the program. Students gave very good feedback about this program.




HEAD
Department of Physics
Karnatak Science College, Dharwad

2. One day virtual training on Awareness on "Intellectual Property Rights"

BROCHURE/INVITATION :



KARNATAK UNIVERSITY'S
KARNATAK SCIENCE COLLEGE, DHARWAD



One Day Virtual Training
On
“Awareness on Intellectual Property Rights”


Organized by
IQAC, Karnatak Science College, Dharwad

Date: 30-05-2021

Time: 11.00 am to 12.30 pm

Resource Person

Dr. M. S. Annapurna Kishore Kumar
Asst. Professor
Dr. N. S. A. M. First Grade College
Krishnarajpura, Shivakote
Bangalore -89
Affiliated to Bangalore Central University



Platform: Google meet. To join use the video call link: <https://meet.google.com/fpx-vwx-hmp>

Convener
Dr. (Smt.) A.S.Bellad
Principal
Karnatak Science College
Dharwad

Organizing Secretaries

<p>Dr. C.G.Patil Dept.of Botany Karnatak Science College Dharwad</p>	<p>Dr. L. T. Nayak Co-ordinator, IQAC Karnatak Science College Dharwad</p>
--	--

Organizing Members
Dr. Manjunath S., Dr. Nagaraj S., Dr.(Smt.) R.D. Sanakal,
Dr. (Smt.) J.M .Nirupama, Dr. R.G.Kalkhambkar, Dr.D.S.Narayankar

Student attendance list

Online attendance for “One Day Virtual Training on Awareness on Intellectual Property Rights”

Attendance for:	class-list			"Meet ID:"	"fpx-vwvx-hmp"	
Date:	"2021-05-30"	"Time:"	"12:04"	"Arrival time"	"Last Seen"	"# of Checks"
Names	"2021-05-30"	"Email"	"Comments"	"Arrival time"	"Last Seen"	"# of Checks"
Babu	" âœ'"	""	""	"12:04"	"12:04"	"1"
Pooja Bhajantri	" âœ'"	""	""	"12:04"	"12:04"	"1"
Veena.M. Bhandari	" âœ'"	""	""	"12:04"	"12:04"	"1"
Rekha S Bhikshavatimath	" âœ'"	""	""	"12:04"	"12:04"	"1"
Pallavi Chakravarthi	" âœ'"	""	""	"12:04"	"12:04"	"1"
Akshata Chavan	" âœ'"	""	""	"12:04"	"12:04"	"1"
Prajna Deshpande	" âœ'"	""	""	"12:04"	"12:05"	"2"
Bn Dotikal	" âœ'"	""	""	"12:04"	"12:05"	"2"
Dr. Ms. Annapurna Kishore N.S.A.M. First Grade College, Bengaluru	" âœ'"	""	""	"12:04"	"12:05"	"2"
Prajwal Ganiger	" âœ'"	""	""	"12:04"	"12:04"	"1"
Guruprakashreddy	" âœ'"	""	""	"12:04"	"12:04"	"1"
Akshata Hiremath	" âœ'"	""	""	"12:04"	"12:04"	"1"
Nirupama Jagadeeswar	" âœ'"	""	""	"12:04"	"12:04"	"1"
Nivedita Javali	" âœ'"	""	""	"12:04"	"12:04"	"1"
Kavya Karikai	" âœ'"	""	""	"12:04"	"12:04"	"1"
Kavita Lamani Kavita	" âœ'"	""	""	"12:04"	"12:04"	"1"
Mallika Kengal	" âœ'"	""	""	"12:04"	"12:04"	"1"
Vivek M.D	" âœ'"	""	""	"12:04"	"12:05"	"2"
Naveen Kumar Menasinakai	" âœ'"	""	""	"12:04"	"12:04"	"1"
Gs Mulgund	" âœ'"	""	""	"12:04"	"12:05"	"2"

Deepak Narayankar	"âœ'"	""	""	"12:04"	"12:05"	"2"
Lokesh Nayak	"âœ'"	""	""	"12:04"	"12:05"	"3"
Kotresh Obelannavar	"âœ'"	""	""	"12:04"	"12:04"	"1"
Akshay A P	"âœ'"	""	""	"12:04"	"12:04"	"1"
Arundhati Patil	"âœ'"	""	""	"12:04"	"12:04"	"1"
Chandrashekhar Patil	"âœ'"	""	""	"12:04"	"12:04"	"3"
Kavita H Patil	"âœ'"	""	""	"12:04"	"12:04"	"1"
Channabasavva Pattanashetti	"âœ'"	""	""	"12:04"	"12:04"	"1"
Adarsh Pundalik	"âœ'"	""	""	"12:04"	"12:04"	"1"
Rajesh Mannekote Ramamurthy Ranganath	"âœ'"	""	""	"12:04"	"12:05"	"2"
Amol Rathod	"âœ'"	""	""	"12:04"	"12:05"	"2"
Nagaraja S	"âœ'"	""	""	"12:04"	"12:04"	"1"
Rajeshwari S	"âœ'"	""	""	"12:04"	"12:04"	"1"
Manjalee Salunke	"âœ'"	""	""	"12:04"	"12:04"	"1"
K Suvrat	"âœ'"	""	""	"12:04"	"12:04"	"1"
Jyoti Varadani	"âœ'"	""	""	"12:04"	"12:04"	"1"
Lingaraj S Yalagond Help/more info: Â© Google Meet Attendance	"âœ'" " https://tinyurl.com/y5peu3nk " https://tinyurl.com/y6k2yqts	""	""	"12:04"	"12:04"	"1"

Report of Webinar on Intellectual Property Rights (IPR)

In view of Covid-19 Lockdown situation and looking in to the present needs of the importance of Intellectual Property Rights, Karnatak Science College, Dharwad IQAC Cell has organized “**One Day Virtual Training on Awareness on Intellectual Property Rights**” on 30-05-2021 at 11.00 AM. The resource person Mrs. M.S.Annapurna Kishor Kumar, Assistant Professor from N.S.A.M. First Grade College, Krisnarajapura, Bengaluru and an IPR expert had delivered a thought provoking lecture on the importance and the need of IPR in day to day life. There were Fifty six participants benefited. There were many questions raised by the audience and the resouse person addressed all the queries in a befitting manner.

3.INTERNATIONAL WEBINAR ON EMERGING INNOVATIONS IN BIOTECHNOLOGY

3

BROCHURE



Karnatak University's
KARNATAK SCIENCE COLLEGE
DHARWAD, INDIA

One Day International Webinar
On
EMERGING INNOVATIONS
IN BIOTECHNOLOGY
(IWEIBT-2020)
17th December, 2020



Organized By
Department of Biotechnology & IQAC



CHIEF PATRON



Prof. K. B. Gudasi
Hon'ble Vice-Chancellor
Karnatak University
Dharwad, Karnataka

PATRON



Dr. Hanumanthappa K.T.
Registrar
Karnatak University
Dharwad, Karnataka

CO-PATRON



Dr(Mrs). A.S. Bellad
Principal
Karnatak Science College
Dharwad, Karnataka

ORGANIZING COMMITTEE

Dr(Mrs). M.S. Salunke
HOD, Chemistry & Convener

Dr. L.T. Nayak
IQAC Coordinator

Dr. R.G. Kalkhambkar
Coordinator Biotechnology &
Organizing Secretary

MEMBERS

Dr. S.D. Dhumwad
Dr. S.M. Tuwar
Dr. V.A. Aminabhavi
Dr. O. Kotresh
Dr(Mrs). Jayalakshmi K.
Dr. K.S. Katagi
Dr(Mrs). S.P. Masti
Dr. Rajappa S.K.

TECHNICAL STAFF

Mrs. Shailaja M.
Dr. A. B. Vantamuri
Miss. Anusha Aradhya

Department of Biotechnology
Karnatak Science College, Dharwad

Inaguration : **IST: 10.30 am - 11.00 am**

Session 1: IST: 11.00 pm- 12.00 noon



"Prognostic & Dioganostic Role of Micro RNA's in Skin Cancer"

Dr. Nityanand Maddodi
Hospital Research Scientist
University of Colorado
Health Aurora, Colorado, USA

Session 2: IST: 12.15 pm- 01.15 pm

"Relevance of Drosophila as a Research Model in Modern Biology"



Dr. Srinath B.S.
Assistant Professor
Department of Zoology
Karnatak University
Dharwad

Session 3: IST: 02.30 pm- 03.30 pm



"Biotechnology of Human Gut Microbiom: Health, Ageing and Diseases"

Dr. Suneel S. Doddamani
Scientist Grade-I
KLE, Belagavi

IST: 03.30 pm - 04.00 pm : VALIDICTORY

ABOUT THE COLLEGE

The Karnatak University is the second oldest University in Karnataka state and is one of the reputed educational and research institutions in India. Based on the outstanding research the Karnatak University selected as University with Potential Excellence (UPE) by UGC-New Delhi. Karnatak University took over the Karnatak College to run it as its constituent model college. Later, Karnatak College bifurcated into Karnatak Science College and Karnatak Arts College sharing same campus with 55 acres of land. Dr. G.S. Paramasivata, a student of the Nobel Laureate, Sir C.V. Raman, was the first Principal of Karnatak Science College, Dharwad. Recently the college has celebrated its Centenary Year. The college has 7 basic science departments, BCA and BSc (Computer science), PG courses in Chemistry, Physics, Mathematics and Botany. The college offers programs leading to B.Sc., M.Sc., M.Phil and Ph.D. degrees. All the departments are recognized as research centers. Some are funded by UGC, DST (SERB) and VGST etc. The college has produced more than 55 Ph.Ds.

Registration Link :

WhatsApp Link :

<https://chat.whatsapp.com/EWO7zi8vtrG31i1IGcNbhM>

<https://chat.whatsapp.com/BbXldrXQ4Ar4RMcoKi2K56>

IMPORTANT ANNOUNCEMENTS

- 1.Registration is free. Academicians, Faculty members a Research Scholars and Students from Universities and Colleges may participate.
- 2.Registration is compulsory and attendance for all the sessions is mandatory.
- 3.E-Certificate will be issued to the registered participants only after submitting duly filled feedback form.

ABOUT THE DEPARTMENT

The department of Biotechnology was introduced in the year 2002-05.the biotechnology department is coordinated by its mother department chemistry. The department responsibility was shouldered by Dr .V.H.Arali as first co-ordinator and Prof .N.P. Umaphathi as the head the department. Presently the department is running under the co-ordination of Dr .R.G. Kalkhambkar and guided by Dr.(smt).M.S.Salunke, H.O.D, Department of chemistry. The Biotechnology department is sheltered under the chemistry building with well equipped laboratory, classroom and library. The department is evolving in strength and facilities day by day to reach the requirements of young minds. The department was started with initial admissions of 22 students, at present the department is having 90 students pursuing their Bachelor's degree. The department cater's the needs of the students by organising regular guest-lecturers and conferences by eminent personalities. And also as a part of curriculum the department is organising industrial visits for research laboratories and industries for enriching the academic knowledge of the students. The department as produced good number of students who have achieved the greater heights in their research fields during their Doctorate and postdoctoral studies in India and abroad.



ABOUT THE CONFERENCE

Biological science has played a dynamic role in improving the challenges regarding to human health as it has flexibility to reduce global health differences by the provision of promising technologies. Biotechnology covers a broad spectrum of scientific applications that are applied in many sectors including health, agriculture and environment. The improvement of human health by the use of biotechnological advances in molecular diagnostics, medicines, vaccines, nutritionally enriched genetically modified crops and waste management. Health, life quality and expectancy of life have beenincreased worldwide through the services provided by Biotechnology. The webinar intended to step forward to bring researchers, biotechnologists in biological sciences and also from diversified to a common platform together to explore and enlighten the recent innovations in life science



CONTACT DETAILS

Dr. R.G. Kalkhambkar, Organizing Secretary
Cell No.: +91 9902831760 / 9591703052
mail id: rgkalkhambkar@gmail.com & adiveppa79@gmail.com

Meeting Link Will be Provided Later Through Mail or Whatsapp

REPORT: Emerging Innovations in Biotechnology (IWEIBT-2020)

Chief Patron- Prof. K. B. Gudasi, Hon'ble Vice-Chancellor, Karnatak University, Dharwad, Patron-Dr.Hanumanthappa K.T, Registrar, Karnatak University, Dharwad, Co-Patron-Dr. (Mrs.) A.S.Bellad, Principal, Karnatak Science College, Dharwad, Dr. (Mrs.) M.S. Salunke, HOD and Convener, Dr, R. G. Kalkhambkar, Organizing Secretary and Dr. L.T. Nayak, Coordinator IQAC and Members and Technical staff.

The webinar started with the prayer song followed by welcome speech by Organizing Secretary and all the dignitaries were welcomed with the bouquet.

The webinar was formally inaugurated by Co-Patron (Mrs.) A. S. Bellad, Principal, Karnatak Science College, Dharwad by lighting the lamp and delivered the inaugural address. Dr. R. G. Kalkhambkar, Organizing Secretary proposed the vote of thanks to conclude the inaugural session.

Session I was shared by Dr.NityanandMaddodi, Hospital Research Scientist University of Colorado Health Aurora, Colorado, USA on the topic **“Prognostic and Diagnostic Role of micromRNAs in Skin Cancer”**. This session was chaired by Dr.A. B. Vantamuri, Teaching Assistant, Department of Biotechnology, Karnatak Science College, Dharwad.

The session II was shared by Dr.Srinath B.S,Assistant Professor, Karnataka University, Dharwad on the topic **“Relevance of Drosophila as a Research Model in Morden Biology”**. This session was chaired by Smt. Shailaja M, Teaching Assistant, Department of Biotechnology, Karnatak Science College, Dharwad.

The session III was shared by Dr.Suneel S. Dodamani,Scientist Grade-I, BSRC, Belagavi on the topic **“Biotechnology of Human Gut Microbiom: Health, Ageing and Disease”**. This session was chaired by Miss. AnushaAradhya BS, Teaching Assistant, Department of Biotechnology, Karnatak Science College, Dharwad.

The webinar was conducted by Valedictory function on same day at 4:30 pm.

CERTIFICATE



IWEIBT
2020

KARNATAK UNIVERSITY'S
KARNATAK SCIENCE COLLEGE, DHARWAD
DEPARTMENT OF BIOTECHNOLOGY

INTERNATIONAL WEBINAR ON EMERGING INNOVATIONS IN
BIOTECHNOLOGY (IWEIBT-2020)


E-Certificate

This is to certify that _____

has

*Participated in One Day International Webinar organized by Department of Biotechnology in
association with IQAC of the College on 17th December, 2020.*


Dr. R.G. Kalkhambkar
Organizing Secretary


Dr(Mrs). M. S. Salunke
Convener & HOD, Chemistry


Dr. L.T. Nayak
IQAC Coordinator


Dr(Mrs). A. S. Bellad
Principal

BROCHURE:



Karnatak University's



**KARNATAK SCIENCE COLLEGE
DHARWAD, KARNATAKA**

One Day National Webinar

On  

**ROLE OF BIODIVERSITY
IN 21st CENTURY**

7th December 2020

Organized By
**IQAC &
DEPARTMENT OF BOTANY**



CHIEF PATRON



Prof. W.B. Gadgil
Hon'ble Vice-Chancellor
Karnatak University
Dharwad, Karnataka

PATRON



Dr. Hanumanthappa K.T.
Registrar
Karnatak University
Dharwad, Karnataka

PRESIDENT



Dr. A.S. Bellad
Principal
Karnatak Science College
Dharwad, Karnataka

**TECHNICAL SESSION I
11.00AM-12.30PM**

SPEAKER -I



Dr. Maheshwar Vilwade
Assistant Professor
Department of Botany
Sharadchandra Pawar Mahavidyalaya
Lonand, Khandala (T)
Satara (D), Maharashtra

**TOPIC: "BIO-DIVERSITY OF WESTERN GHATS
WITH SPECIAL REFERENCE TO ANGIOSPERMS**

**TECHNICAL SESSION II
12.30PM -02.00PM**

SPEAKER -II



Dr. Vinayaka K.S.
Assistant Professor & Head
Department of Botany
Vidyagiri, Bantwal
Dakshina Kannada
Karnataka

**TOPIC: "CRYPTOGAMIC BIORESOURCES AND IT'S
CONSERVATION IN INDIAN CONTEXT"**

**TECHNICAL SESSION III
03.00PM -05.00PM**

ORAL PRESENTATION

Important Announcements

- 1.Registration is free. Academicians, Faculty members and Research Scholars from Universities and Colleges may participate.
- 2.Registration is compulsory.
- 3.Participants presenting papers are requested to send their abstract (not exceeding 500 words with 5 to 6 key words) on or before 3rd December 2020 to this mail kscdbotwebinar2020@gmail.com.
- 4.Shortlisted papers for presentation will be informed on 4th December 2020.
- 5.e-Certificate will be issued to the registered participants only after submitting duly filled feedback form.

ABOUT COLLEGE

Karnatak College, Dharwad is the mother institute to Karnataka University, University of Agricultural Science Dharwad, Gulbarga University, Women's University Bijapur and Rani Chennamma University, Belagavi. By the vision of the great founders Dewan Bahadur Rodda Srinivas Rao, Shri Rao Bahadur Arta Rudra Gowda and Shri M.B. Choubla the establishment of the college took a beginning and the foundation stone was laid on 29 th July 1919 by the then Governor Sir George Llyod. With their efforts and the zeal of other eminent personalities in 1924, June 20 th Inter College Science was started. This was later considered as B.Sc. course. Sir Siddappa Kambali, Education Minister of Bombay province played a vital role in bringing all the scientific instruments from Deccan College, Pune (as it was closed) to uplift the Science wing in the College. In 1958 Karnataka College was bifurcated into Karnatak Arts College and Karnatak Science College. Till today the College has experts in their own field to maintain high education values. In 2017, our college has celebrated its Centenary.

Registration Link
<https://forms.gle/sV9a8hNTatzzAfXWA>

Whatsapp Link
<https://chat.whatsapp.com/KJSh7uOncImHESgZzcyWYB>

**Meeting Link Will be Provided Later Through
Mail or Whatsapp**

ABOUT DEPARTMENT

The Department of Botany is in the midst of lush green vegetation providing a congenial environment for enhancing student's studies. Earlier the department was housed in Zoology building, since the year 1937 and subsequently in the year 1951 it moved to its independent building. Since then it has imparted quality education in the B. Sc. course. Professor D. V. Shinde was the first to teach the Botany subject; later in 1937 Professor L.K. Gunjkar joined him.

Efforts of Professor P.W. Gideon to introduce Botany was successfully resumed after the second world war in 1946, and the government sanctioned to teach Botany as the principle subject Headed by Professor (Ma) Elva Gonsalves who was also the pioneer of Phycology in this region. In 2000-01 looking into the needs of the students an applied subject Genetics was introduced. The Department is undertaking extensive research, having four staff all are research guides, 15 students have been awarded their Ph.D., four major and four minor projects have been completed and 13 students are pursuing their Ph.D. programme.

OBJECTIVES OF THE WEBINAR

1. Biodiversity Conservation and Sustainability
2. Providing platform for young researcher to interact and enhance their knowledge

FOCAL THEMES

1. Medicinal and Aromatic Plants
2. Plant Diversity (Bryophytes, Pteridophytes, Gymnosperms and Angiosperms).
3. Microrobial Diversity (Virus, Bacteria, Fungi)
4. Algal Diversity
5. Ethno-botany
6. Economic Botany
7. Pharmacognasy
8. Phytochemistry

IQAC COMMITTEE

Dr. L.T. Nayak	Coordinator
Dr. C.G. Patil	Member
Dr. Manjunatha S.	Member
Dr. Nagaraja S.	Member
Dr. (Smt) R.D. Sanakal	Member
Dr. (Smt) Nirupama J.M.	Member
Dr. Raj G. Kalkambkar	Member

ORGANIZING COMMITTEE

Prof. W.B. Gadgil Hon'ble Vice-Chancellor Karnatak University Dharwad, Karnataka	Dr. A.S. Bellad Principal Karnatak Science College Dharwad, Karnataka
Dr. Hanumanthappa K.T. Registrar Karnatak University Dharwad, Karnataka	Dr. Smt. Basu M. Singh Organizing Secretary
Dr. K. Koteswara Coordinator	Dr. B.P. Salkar Convener & HOD
Dr. S.G. Patil Coordinator	

ORGANIZING MEMBERS

Dr. Nagabhushan S. Hariar
Dr. Veena Rokhadee
Miss. Sumana Nayak
Dr. S.G. Ligadae
Dr. Pushpa K.
Mrs. Sudha S.A.
Miss. Komal C.
Miss. Najmusahar A.
Mr. Akshya Patil

PHOTOGRAPHS:










Dr.(Smt.) A.S.Bellad, Principal and staff of Dept. of Botany releasing Souvenir



Group photo of teaching staff members of Department of Botany.

CERTIFICATE:

	<p>Karnatak University's Karntak Science College, Dharwad DEPARTMENT OF BOTANY IN COLLABORATION WITH IQAC</p>	
	<p>NATIONAL WEBINAR ON ROLE OF BIODIVERSITY IN THE 21ST CENTURY</p>	
<p>CERTIFICATE</p>		
<p>This is to certify that _____ has participated / given an oral presentation entitled _____ _____ in the One Day National Webinar on Role of Biodiversity in 21st Century, held on 7th December, 2020, organized by Department of Botany, Karnatak University's, Karnatak Science College, Dharwad-580001.</p>		
 DR. (MRS).DORIS M. SINGH Organizing secretary	 DR. K. P. KOLKAR Convener and H.O.D.	 DR. (MRS).A.S. BELLAD President and Principal

REPORT OF THE WEBINAR

The one day National webinar on “Role of Biodiversity in the 21st Century” was held on 7th December 2020, organized by the department of Botany and IQAC of Karnatak Science College, Dharwad.

The webinar was inaugurated by the President of the webinar Dr. (Smt) A. S. Bellad, Principal of Karnatak Science College, Dharwad. Convener; Dr. K. P. Kolkar, Organizing Secretary; Dr. (Smt) Doris M. Singh and Dr. K. Kotresha and Dr. C. G. Patil coordinators of the webinar.

The topic chosen was very apt as Biodiversity has always played the key role in the existence of the ecosystems of the universe as India being one of the mega diverse country and having 4 hotspots. More over human beings are deriving countless benefits from nature and in turn over exploiting wildlife.

The invited speakers were Dr. Makarand M. Aitawade, Assistant Professor Department of Botany, Sharadchandra Pawar Mahavidyalaya Lonand, Khandala (T) Satara (D), Maharashtra and Dr.K.S.Vinayak Assistant Professor & Head Department of Botany, Vidyagiri, Bantwal Dakshina Kannada Karnataka from Karnataka.

A total of 390 participants registered for the webinar from Maharashtra, Punjab, Rajasthan, Odisha, Chandigarh, Tamil Nadu, Kerala, Gujarat, Delhi, Andhra Pradesh and Karnataka. 210 participants took part in the one day National webinar.

65 % of the participants were students from different colleges and universities from the U.G, P.G and Ph.D courses. The remaining were teachers of various universities. 24 registered participants have responded to presenting papers. We selected 11 papers communicated with abstracts after an analytical review for presentation.

We have received 210 feed backs all appreciating the well organized programme. The student community expressed it was excellent, informative, useful, learnt many aspects and helpful for their studies. They obtained an overall view of the plant kingdom.

Papers presented were all individual research work. The time given was sufficient and appreciated by the presenters. The oral presentations were meaningful as it threw light on the present diversity of cryptogams and phanerogams. An over view of the oral presentations was delivered by Dr. C. G. Patil. This webinar's introspection was that in nature the phanerogams are sufficiently documented when compared to the cryptogams. And they are extensively tapped for their medicinal properties.

All the participants were provided the e-certificate on receiving the feedback. The one day National webinar ended with a valedictory function. Dr. S. C. Chougala, Head of Department of Geology presided over the function, Dr. (Smt) A. S. Bellad, Principal of Karnatak Science College, Dharwad graced the function. Lastly organizing secretary Dr. (Smt) Doris M. Singh proposed the vote of thanks.

71.30 percentage of the information was new to the participants and 45% indicated that the Speakers presentation connected to topic chosen for the webinar was excellent. The overall rating of the webinar by the participants was 46% excellent.

5.TWO DAY INTERNATIONAL WEBINAR ON RECENT INNOVATIONS IN CHEMICAL SCIENCES:

BROCHURE:



Karnatak University's
KARNATAK SCIENCE COLLEGE
DHARWAD, INDIA

Two Day International Webinar
On
RECENT INNOVATIONS
IN CHEMICAL SCIENCES
(IWRICS-2020)
4th & 5th December, 2020



Organized By
Department of Chemistry & IQAC



CHIEF PATRON



Prof. K. B. Gudasi
Hon'ble Vice-Chancellor
Karnatak University
Dharwad, Karnataka

PATRON



Dr. Hanumanthappa K.T.
Registrar
Karnatak University
Dharwad, Karnataka

CO-PATRON



Dr(Mrs). A.S. Bellad
Principal
Karnatak Science College
Dharwad, Karnataka

ORGANIZING COMMITTEE

Dr(Mrs). M.S. Salunke HOD, Chemistry & Convener	Dr. L.T. Nayak IQAC Coordinator
Dr. R.G. Kalkhambkar Organizing Secretary	

MEMBERS

Dr. S.D. Dhumwad
Dr. S.M. Tuwar
Dr. V.A. Aminabhavi
Dr. O. Kotresh
Dr(Mrs). Jayalakshmi K.
Dr. K.S. Katagi

TECHNICAL STAFF

Dr. K.N. Naik
Dr. N. M. Gokavi
Dr. A. B. Vantamuri
Dr. A. Durganavvar
All Teaching Assistants
and Supporting Staff

4th December, 2020

Inaguration : IST: 10.30 am - 11.30 am

Prof. K.B. Gudasi
Hon'ble Vice-Chancellor, Karnatak University, Dharwad
Keynote address: IST: 11.30 am - 12.30 am



"Modern Era of Polymers & Materials"
Prof. T.M. Aminabhavi
Former Director, CEPS
Karnatak University, Dharwad

Session 1: IST: 12.30 pm- 01.30 pm



"Azulene: An interesting building block for polymer synthesis"
Dr. Vijayendra Shetti
National Institute of Technology
Karnataka, Surathkal

Session 2: IST: 02.30 pm- 03.30 pm



"Nanoelectrochemical Sensor for Neurotransmitters"
Dr. B.E.Kumar Swamy
Kuvempu University

Session 3: IST: 03.35 pm- 05.00 pm
Oral Presentations of Research Papers

5th December, 2020

Session 4: IST: 10.00 am- 11.00 am



"Nuclear Magnetic Resonance Spectroscopy in Biomedical Research"
Prof. G. A. Nagana Gowda
University of Washington,
Seattle, USA

Session 6: IST: 12.20 pm- 1.20 pm



"Role of Chemist in API Process Development and Drug Discovery"
Dr. Gopalakrishanan Aridoss
Deputy Department Head,
Drug Discovery R&D,
Annyng Co., Ltd., South Korea

Session 7: IST: 2.20pm- 3.30 pm
Oral Presentation of Research Papers

Session 8: IST: 3.30pm- 04.30 pm



"Electrodialysis and Energy"
Prof. M.Y. Kariduraganavar
Chairman, PG Dept. of Chemistry
Karnatak University, Dharwad

IST: 04.30 pm - 05.00 pm : VALIDICTORY

ABOUT THE CONFERENCE

Chemical science has made prominent contributions to the development of industry and immediate socio-economic growth of a nation. The impact of these can be readily seen from their varied application in the broad spectrum of Chemistry viz., Medicinal chemistry, Drug design, Pharmaceutical Chemistry, Biomass conversion to bio-fuel, Coordination chemistry, Physicochemical methods of analysis, Biochemical innovations, Industrial chemistry, Food sciences, Material sciences, Chemical technologies, Polymer science etc, which play a crucial role in promoting and adopting advanced technologies in the relevant spheres of development.

In the wake of recent scientific and technological advancement, the various branches of chemical sciences regarded as the most influential at the helm of modern civilian in the context of overall livelihood. However, the chemical industries have a stigma as not being eco-friendly, non polluting and zero waste producing. Therefore, the older technologies have to be replaced by novel, economically viable, environmentally benign

ABOUT THE COLLEGE

The Karnatak University is the second oldest University in Karnataka state and is one of the reputed educational and research institutions in India. Based on the outstanding research the Karnatak University selected as University with Potential Excellence (UPE) by UGC-New Delhi. Karnatak University took over the Karnatak College to run it as its constituent model college. Later, Karnatak College bifurcated into Karnatak Science College and Karnatak Arts College sharing same campus with 55 acres of land. Dr. G.S. Paramasiviah, a student of the Nobel Laureate, Sir C.V. Raman, was the first Principal of Karnatak Science College, Dharwad. Recently the college has celebrated its Centenary Year. The college has 7 basic science departments, BCA and BSc (Computer science), PG courses in Chemistry, Physics, Mathematics and Botany. The college offers programs leading to B.Sc., M.Sc., M.Phil and Ph.D. degrees. All the departments are recognized as research centers. Some are funded by UGC, DST (SERB) and VGST etc. The college has produced more than 35 Ph.Ds.

ABOUT THE DEPARTMENT

The Department of Chemistry was established in 1924. The department is enriched with 10 scholarly Teachers with doctoral degree, some experienced with post doctoral from USA. Faculty members progressively involved in various research areas viz., Metal complexes, Reaction Kinetics, Synthetic organic chemistry, Polymer science, Oleochemistry, Bio-fuel, Electrochemistry Corrosion Science, and Biomedical research etc., The Karnatak University's Scientific Instrument Centre is the major source of technical support. The department possesses basic research amenities including several sophisticated instruments required for research activities. Department of Chemistry is rated as one of the best for its teaching and research activities. The department has received various research project funds by VGST, UGC, DST, and SERB. In addition to projects, some of the faculty members have received awards for best publications from VGST (Govt. of Karnataka) and

CALL FOR ABSTRACT

The organizing committee of the webinar invites you to submit your Original Research Abstracts for oral presentation. Abstracts of various themes shall be submitted online to the respective emails. The submission window will be closed by 1st December, 2020. Only limited number of abstracts are selected for oral presentation. However, all accepted abstracts shall be published online and e-certificate will be issued to the registered participant only after submitting duly filled feedback through link given later.

THEMES OF THE WEBINAR

- Analytical Chemistry and its Advancement**
Mail id: achem.kscd@gmail.com
Coordinator: Dr. Rajappa S.K.
- Inorganic Chemistry and its Medicinal Applications**
Mail id: ichem.kscd@gmail.com
Coordinator: Dr(Mrs). S.P. Masti
- Medicinal and Pharmaceutical Chemistry**
Mail id: mchem.kscd@gmail.com
Coordinator: Dr(Mrs). Jayalakshmi K
- Polymers and its Applications**
Mail id: pchem.kscd@gmail.com
Coordinator: Dr. S.M. Tuwar
- Bio energy and Bio chemical innovations**
Mail id: bchem.kscd@gmail.com
Coordinator: Dr. K.S. Katagi
- Synthetic Organic Chemistry**
Mail id: ochem.kscd@gmail.com
Coordinator: Dr. O. Kotresh

ABSTRACT SUBMISSION GUIDELINES

The abstract having not more than 300 words prepared in MS Word with Times New Roman font size 12 and it will have title,

PHOTOGRAPHS:



REPORT OF THE WEBINAR: “Recent Innovations in Chemical Sciences (IWRICS-2020)”

Chief Patron- Prof. K. B. Gudasi, Hon’ble Vice-Chancellor, Karnatak University, Dharwad, Patron-Dr. Hanumanthappa K. T, Registrar, Karnatak University, Dharwad, Co-Patron-Dr. (Mrs.) A. S. Bellad, Principal, Karnatak Science College, Dharwad, Dr. (Mrs.) M.S. Salunke, HOD and Convener, Dr, R. G. Kalkhambkar, Organizing Secretary and Dr. L.T. Nayak, Coordinator IQAC and Members and Technical staff.

The webinar started with the prayer song by Miss. Shraddha Murshillin followed by welcome speech by convener Dr. (Mrs.) M.S. Salunke, HOD of Chemistry, Karnatak Science College, Dharwad and all the dignitaries were welcomed with the bouquet.

The Chief Guest was introduced by Dr. S. M. Dhumwad, Associate Professor, Department of Chemistry, Karnatak Science College, Dharwad. Then the webinar was formally inaugurated by Chief Patron Prof. K. B. Gudasi, Hon’ble Vice-Chancellor, Karnatak University, Dharwad by lighting the lamp and delivered the inaugural address. Then our principal Dr. (Mrs.) A. S. Bellad gave presidential remarks. Dr, R. G. Kalkhambkar, Organizing Secretary proposed the vote of thanks to conclude the inaugural session.

The key note address was started by Dr. S. M. Tuwar, Associate Professor, Department Chemistry, Karnatak Science College, Dharwad. Welcomed and introduced the key note speaker Prof. T. M. Aminabhavi, Former Director, CEPS, Karnatak University, Dharwad. The key note speaker delivered the lecturer on “**Modern Era of Polymers and Materials**” and this session was concluded.

Session I was shared by Dr. Rajaram K. Nagarale, CSIR-Central Salt and Marine Chemical Research Institute Bhavnagar, Guajrat on the topic “ **Ion-Exchange Membranes and Device Applications**”. This session was chaired by Dr. (Mrs.) S. P. Masti, Assistant Professor, Department of Chemistry, Karnatak Science College, Dharwad.

The session II was shared by Dr. B. E. Kumarswamy. Kuvempu University, Shivamogga on the topic “**Nano Electrochemical Sensor for Neurotransmitters**”. This session was chaired by Dr. S. K. Rajappa, , Assistant Professor, Department of Chemistry, Karnatak Science College, Dharwad. The technical session III was conducted for **Oral Presentation of Research Papers for Research Students**. This session was started and concluded by Dr. K. S. Katagi, Assistant Professor, Department of Chemistry, Karnatak Science College, Dharwad. On 5th December 2020 session IV was started.

The session IV was shared by Prof. G. A. Nagana Gowda, University of Washington, Seattle, USA on **“Nuclear Magnetic Resonance Spectroscopy in Biochemical Research”** This session was chaired by Dr. (Mrs.) Jayalaxmi K. , Assistant Professor, Department of Chemistry, Karnatak Science College, Dharwad.

The session was chaired by Dr. Sachinkumar, Deputy Director, Biochemical Conversion, NIBE, Kapurthala, Punjab, India. This session was chaired by Dr. K. S. Katagi, , Assistant Professor, Department of Chemistry, Karnatak Science College, Dharwad.

The session VI was shared by Dr. Gopalakrishanan Aridoss, Deputy Department Head, Drug Discovery R & D, Anygen Co. LTD, South Korea on **“Role of Chemistry in API Process Development and Drug Discovery”**. This session was chaired by Dr. R. G. Kalkhambkar, Organizing Secretary, IWRICS-2020. The technical session VII was conducted for **Oral Presentation of Research Papers for Research Students**. This session was conducted by Dr. O. Kotresh, Associate Professor, Department of Chemistry, Karnatak Science College, Dharwad.

The session VIII was shared by Prof. M. Y. Karidurganavar, Chairman, P. G. Department of Chemistry, Karnatak University, Dharwad. On **“Electrodialysis and Energy”**. The speaker was welcomed and introduced by Dr. (Mrs) M. S. Salunke, Convener, IWRICS-2020 and HOD of Chemistry, Karnatak Science College, Dharwad.

The webinar was conducted by Valedictory function on 5th December 2020 at 3:30 pm. The Chief Guest for valedictory session was Prof. M. V. Kulkarni, retired Dean, Karnatak University, Dharwad and Prof. M. Y. Karidurganavar, Chairman, P. G. Department of Chemistry, Karnatak University, Dharwad. The Chief Guest were welcomed by bouquet by Dr. (Mrs) M. S. Salunke, Convener, IWRICS-2020 and HOD of Chemistry, Karnatak science College, Dharwad. Dr. R. G. Kalkhambkar, Organizing Secretary, IWRICS-2020 presented the two day international webinar report. Then our principal Dr. (Mrs.) A. S. Bellad gave the presidential remarks. Dr. L. T. Nayak, Co-Ordonator IQAC proposed the vote of thanks to conclude the two day international webinar. The whole two day international webinar on IWRICS-2020 was narrated by Dr. (Mrs.) S. P. Masti, Assistant Professor, Department of Chemistry, Karnatak Science College, Dharwad with her fabulous anchoring.

CERTIFICATE:

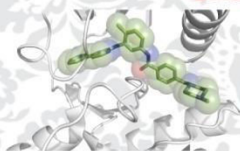


**IWRICS
2020**

**KARNATAK UNIVERSITY'S
KARNATAK SCIENCE COLLEGE, DHARWAD**

DEPARTMENT OF CHEMISTRY

**INTERNATIONAL WEBINAR ON RECENT INNOVATIONS IN
CHEMICAL SCIENCES - 2020" (IWRICS - 2020)**



E-Certificate

This is to certify that _____

_____ *has Participated as Organizing committee Member/ Coordinator in
Two Day International Webinar organized by Department of Chemistry in association with IQAC of
the College on 4th and 5th December, 2020.*

Dr. R.G. Kalkhambkar
Organizing Secretary

Dr(Mrs). M. S. Salunke
Convener & HOD, Chemistry

Dr. L.T. Nayak
IQAC Coordinator

Dr(Mrs). A. S. Bellad
Principal

6.ONE DAY INTERNATIONAL WEBINAR ON ADVANCES & OPPORTUNITIES IN GENETICS

BROCHURE:



**KARNATAK SCIENCE COLLEGE
DHARWAD**

**One Day International
Webinar**

On

**ADVANCES &
OPPORTUNITIES IN
GENETICS**

19th December, 2020

Organized By
**IQAC and
Department of Botany
(Genetics)**

Karnatak Science College, Dharwad



CHIEF PATRON



Prof. K. B. Gudasi
Hon'ble Vice-Chancellor
Karnatak University
Dharwad, Karnataka

PATRON



Dr. Baburao M. P. K.
Registrar
Karnatak University
Dharwad, Karnataka

PRESIDENT



Dr. (Smt) A.S. Bellad
Principal
Karnatak Science College
Dharwad, Karnataka

IMPORTANT ANNOUNCEMENTS

- 1.Registration is free. Academicians, Faculty members, Research Scholars and Students from Universities and Colleges may participate.
- 2.Registration is compulsory and attendance for all the sessions is mandatory.
- 3.e-Certificate will be issued to the registered participants only after submitting duly filled feedback form.

Session 1: 10.00 am-11.30 am

SPEAKER -1



Dr. Uttam V. Kashap
University of Pennsylvania
Philadelphia, Pennsylvania
United States of America

Topic: Non-Canonical Circadian Oscillations

Session 2: 12.00 noon - 1.30 pm

SPEAKER -2



Dr. Martik Subbar
Assistant Professor
Evolutionary Venomics Lab
Indian Institute of Science
Bengaluru

Topic: Evolution Bites, Evolutionary Venomics of Medically Important Indian Snakes

Session 3: 03.00 pm - 04.30 pm

SPEAKER -3



Prof. H. Niranjana Murthy
Department of Botany
Karnatak University
Dharwad

Topic: Production of Bioactive Compounds in Hairy Roots

ABOUT COLLEGE

Karnatak College, Dharwad is the mother institute to Karnataka University, University of Agricultural Science Dharwad, Gulbarga University, Women's University Bijapur and Kani Chennamma University, Bellary. By the vision of the great founders Dewan Bahadur Kudde Srinivas Rao, Shri Rao Bahadur Arta Rudra Gowda and Shri M.B. Choubla the establishment of the college took a beginning and the foundation stone was laid on 29 th July 1919 by the then Governor Sir George Lloyd. With their efforts and the zeal of other eminent personalities in 1924, June 25 th Inter College Science was started. This was later considered as B.Sc. course. Sir Siddappa Kambali, Education Minister of Bombay province played a vital role in bringing all the scientific instruments from Deccan College, Pune (as it was closed) to uplift the Science wing in the College. In 1958 Karnataka College was bifurcated into Karnatak Arts College and Karnatak Science College. Till today the College has experts in their own field to maintain high education values. In 2017, our college has celebrated its Centenary.

Registration Link

<https://forms.gle/djmm6zp5vm1U2Mz8>

Whatsapp Link

<https://chat.whatsapp.com/B8BAcO2q8WP6q0fjQ0a8st>

Meeting Link Will be Provided Later Through Mail or Whatsapp

ABOUT DEPARTMENT

Genetics was introduced as one of the optional subjects of under graduate level in the year 2000 looking at the needs of students and the society. It is housed in the Department of Botany, situated in the midst of lush green vegetation providing a congenial environment for enhancing student's studies. Genetics Course has an independent laboratory with state of the art instrumentation to teach Basic Genetics as well as Molecular Genetics. In the year 2003 post graduate Department of Applied Genetics was started in Karnatak University, Dharwad. Many students after completing their graduation and post graduation have moved to abroad and completed their Ph.D. and Post Doctoral degrees. Two of the resource persons of present webinar are also the alumni of this College.

The Genetics Course is taught by expert teaching staff appointed on adhoc basis by Karnatak University, Dharwad.



Gregor Johann Mendel - Father of Genetics

IQAC COMMITTEE

Dr. L.T. Nayak	Coordinator
Dr. C.G. Patil	Member
Dr. Manjunatha S.	Member
Dr. Nagaraja S.	Member
Dr. (Smt) R.D. Sanakal	Member
Dr. (Smt) Nirupama J.M.	Member
Dr. Raj G. Kalkambkar	Member

ORGANIZING COMMITTEE

Prof. K. B. Gudasi Hon'ble Vice-Chancellor Karnatak University Dharwad, Karnataka	Dr. A.S. Bellad Principal Karnatak Science College Dharwad, Karnataka
Dr. Manumantappa K. C. Registrar Karnatak University Dharwad, Karnataka	Dr. K.P. Kulkarni Convener & HOD
Dr. S.G. Patil Organizing Secretary	Dr. K. Koteswara Coordinator
Dr. (Smt) Dorisina Singh Coordinator	

ORGANIZING MEMBERS

Miss. Kamal C.
Miss. Najmusahar
Mr. Akshay Patil
Dr. Nagabhushan S. Hariar
Dr. Veena Rokhade
Miss. Sumana Naik
Dr. S.G. Ligadae
Dr. Pushpa K.
Mrs. Sudha S.





Karnatak University's
Karnatak Science College, Dharwad, Karnataka
IQAC and Department of Botany (Genetics)



One-Day International Webinar

on

ADVANCES & OPPORTUNITIES IN GENETICS
e-Certificate

This is to certify that _____

has

actively participated in the One Day International Webinar on "ADVANCES & OPPORTUNITIES IN GENETICS" Organized by IQAC and Department of Botany (Genetics), Karnatak Science College, Dharwad on 19th December, 2020.

Dr. L. T. Nayak
IQAC Co-ordinator

Dr. C. G. Patil
Organizing Secretary

Dr. K. P. Kolkar
Convener & HOD

Dr. (Smt.) A. S. Bellad
Principal, K. S. C. D

7.TWO DAY INTERNATIONAL WEBINAR ON CLIMATE CHANGE ,GEO-HAZARDS AND SUSTAINABLE DEVELOPMENT

BROUCHER:



**Karnatak University's
Constituent College**



**Karnatak Science College
Dharwad, Karnataka**

Two-Day
International Webinar

On

**CLIMATE CHANGE, GEO-HAZARDS
AND
SUSTAINABLE DEVELOPMENT**

26-27th NOVEMBER, 2020

Organized by

**IQAC and Department of Geography
Karnatak Science College
Dharwad**



Chief Patron



Prof. K. B. Gudasi
Hon'ble Vice-Chancellor
Karnatak University
Dharwad, Karnataka, India

Patron



Dr. Hanumanthappa K.T.
Registrar
Karnatak University
Dharwad, Karnataka, India

President



Dr. A. S. Bellad
Principal
Karnatak Science College
Dharwad, Karnataka, India

Key Note Speaker



Prof. Yukio Himiyama
Institute of Geography, Hokkaido
University of Education
Hokumuncho, Asahikawa, Japan
Vice President of IGU

26-11-2020 Time: 10.30 am (IST) 2.30 pm (JST)

Introduction of the key note speaker by:

Dr. Ashok Lonavath
Associate Professor and Chairman, Board of Studies
Dept. of Geography, Osmania University, Hyderabad, India

Speaker-1 Date: 26-11-2020 Time: 11.30 am (IST)



Dr. W. B. Pandey
Professor, Department of Geography
Delhi School of Economics
University of Delhi

Introduction of the speaker by:

Dr. Rajshekhar O. Patil
Associate Professor, Department of Geography
Sant Gadge Maharaj College of Commerce
Mumbai, Maharashtra, India

Speaker-2 Date: 26-11-2020 Time: 2.15 pm (IST)



Dr. Ashok Hanjagi
Professor & Chairman, Department of Geography
Bangaluru University, Karnataka, India

Introduction of the speaker by:

Dr. P.P.Choudhari
Assistant Professor Dept of Geography
University of Mumbai, Maharashtra, India

Technical Session-1 26-11-2020 Time: 3.00 pm (IST)

Incharge : **Dr. Somanath Mukherjee**
Assistant Professor, Dept. of Geography
Bankur Christin College, West Bengal, India

Technical Session-2 26-11-2020 Time: 4.30 pm (IST)

Incharge : **Dr. G. N. Sheeli**
Associate Professor, & HOD, Dept. of Geography
Lingaraj College, Belagavi, Karnataka, India

Speaker-1 Date: 27-11-2020 Time: 10.00 am (IST)



Dr. R. B. Singh
Professor of Geography
Delhi School of Economics University of Delhi
Vice President, IGU

Introduction of the speaker by:

Dr. Prabirkumar Rath
Professor, Dept. of Geography
Govt. College, Khandola, Goa, India

Technical Session-1 27-11-2020 Time: 11.00 am (IST)

Incharge : **Dr. Dasharat P. Angadi**
Associate Professor & Co-ordinator
Dept. of Geography, Mangaluru University, Karnataka, India

Speaker-2 27-11-2020 Time: 12.00 noon (IST) 3.30 pm (JST)

Prof. Jun Matsumoto
Professor, Department of Geography
Tokyo Metropolitan University
Minamini-Osawa 1-1, Hachioji, Japan

Introduction of the speaker by:

Dr. Akhtar Ali
Assistant Professor
Dept. of Geography, Osmania University, Hyderabad, India

Technical Session-2 27-11-2020 Time: 1.15 pm (IST)

Incharge : **Dr. Basavaraj Bagade**
Assistant Professor & Co-ordinator
Dept. of Geography, Rani Channamma University, Belagavi,
Karnataka, India

FOCAL THEME

Climate Change, Geo-hazards and Sustainable Development

Sub themes:

1. Relevance of Remote Sensing, GIS and GPS applications in sustainable Development
2. Global Climate Change and extremes
3. Sustainable development: Global concerns
4. Geo-Hazards and Disaster Risk Reduction
5. Environment and Health
6. Population growth: Food production, Security and problems
7. Land use and Land covers
8. Regional Planning : A strategy for Bridging the Regional imbalance
9. Urbanizations : Emerging challenges
10. Government programmes and Rural Development
11. Re-defining Geography in Academics
12. Covid-19 : Pros and Cons

ABOUT THE COLLEGE:

Karnatak College is a constituent college of Karnatak University, Dharwad. It was started in 1917 by late Shri Divan Bahadur Shrinivas Rao Rodda and Shri Rao Bahadur Rudragouda Aratal. It was the only college in the Bombay Province which illuminated education to the young men and women of the region. Late Sir Siddappa Kambli took the initiation for the establishment of the Science wing in Karnatak College in 1924. In 1958 Karnatak University was established and it took over the Karnatak College to run it as a Model College. Later, the Karnatak College was bifurcated into two colleges as " Karnatak Science College, and Karnatak Arts College" sharing a common campus and other campus amenities for administrative purpose. Jnanpeeth Awardees Dr.V.K.Gokak, Dr.D.R.Bendre, Girish Karnad and Nandan Nilekani, Suresh Heblikar and the like are alumni of this great College.

The college has huge ever green campus sprawling over 55 acres of land with eco-friendly environment. The college has a Governing Council headed by Vice Chancellor of Karnatak University and Syndicate members, and Principal as a Secretary. The college has seven major basic science departments such as Physics, Chemistry, Botany, Zoology, Mathematics, Forensic Science, Geology, Geography, Statistics and BCA and B.Sc (CS) with individual buildings. Apart from Bachelor degree, college offers post graduate and Ph.D degree as it is recognized as Research Center. The college has a central library well stocked with rare books exceeding one lakh. The College has an Auditorium of International standard .The College is functioning with 50 highly qualified and experienced teachers and most of them are research guides.

ABOUT THE DEPARTMENT:

The department of Geography was started in the year 1937 under the stewardship of Dr.C.D.Deshpande and the Post Graduation was started in the department in 1952. Dr. R.V.Joshi, Prof. M.S.Honrao, Prof.L.Y.Kulkarni and Prof.L.S.Bhat took the advantage of the course and obtained their post graduation and joined the department as lecturer. The department offers Geography as an optional subject for B.Sc with combination of Geology, Botany, Anthropology, Forensic Sciences and Chemistry etc. and for B.A with twenty combinations. The department is housed in its own building with good infrastructure and maintains a very beautiful museum equipped with 3D models and all most all teaching aids.

ADVISORY COMMITTEE

Prof. C. R. Pathak
Secretary
Regional Science Association, Kolkata, India

Prof. Ali Raza Moosvi
Dept. of Geography
Central University of Karnataka, Karnataka, India

Prof. S. I. Biradar
Dept. of Geography, Karnatak University,
Dharwad, Karnataka, India

Prof. H. Nagaraj
Dept. of Geography, University of Mysore, Karnataka, India

Prof. Lakshmi Narayan Satpati
Dept. of Geography
University of Kolkata, India

Dr. Hymavathi Reddy
Dept. of Geography (Retd.)
Karnatak University, Dharwad Karnataka, India

IQAC TEAM

Dr. L. T. Nayak	Coordinator
Dr. C. G. Patil	Member
Dr. S. Manjunath	Member
Dr. S. Nagaraj	Member
Smt. J. S. Nirupama	Member
Dr. Raj Kalkambkar	Member

ORGANIZING COMMITTEE

Prof. K. B. Gudasi
Hon'ble Vice-Chancellor
Karnatak University
Dharwad, Karnataka, India

Dr. Hanumanthappa K.T.
Registrar
Karnatak University
Dharwad, Karnataka, India

Dr. L.T.Nayak
Organizing Secretary - (M) 9448746967

Dr. (Smt) V. B. Saviramath
Joint Organizing Secretary

: Organizing Members :

Dr. D. S. Narayankar
Dr. M. L. Uppar
Dr. K. M. Hombal

Dr. A. S. Bellad
Principal
Karnatak Science College
Dharwad, Karnataka, India

Dr. S.S.Motebennur
Convener & HOD

Dr. G. N. Kummur
Joint Organizing Secretary

Dr. S. S. Talvar
Dr. M. M. Kurubar

IMPORTANT ANNOUNCEMENT:

1. Registration is free. Academicians, faculty members and research scholars from universities and colleges can participate.
2. Registration is compulsory and attendance for all the sessions on both the days is mandatory.
3. Participants intending to present papers are requested to send their abstract (not exceeding 500 words with 5-6 keywords on or before 18th November, 2020.) and full paper on or before 22nd November, 2020 to kscdwebinar2020@gmail.com.
4. Shortlisted papers for presentation will be informed on 24th November, 2020.
5. E-Certificate will be issued to the registered participants only after submitting the duly filled in feedback form.
6. Original articles will be re-scrutinized and selected by the expert committee. The selected articles will be published in International Peer Reviewed Journals of Geographical Analysis (ISSN 2319-5371) and Geo-Eye (ISSN 2347 - 4246). Processing fees will not be charged for publication of paper. But life membership for these journals is mandatory to publish the research article in aforesaid journal. For membership visit www.ugit.net

Whatsapp Links : <https://chat.whatsapp.com/taKQzqF7qgIBDeF1Xs4s3B>
<https://chat.whatsapp.com/GAM6GQZ2jzPn8t1jJF5V1lg>
<https://chat.whatsapp.com/ta6R2-r44BC2c3X3XQsML4>

Telegram Link : <https://t.me/joinchat/Rc8t1h0HCm3U06-QAJdQ>

MEETING LINK WILL BE PROVIDED LATER

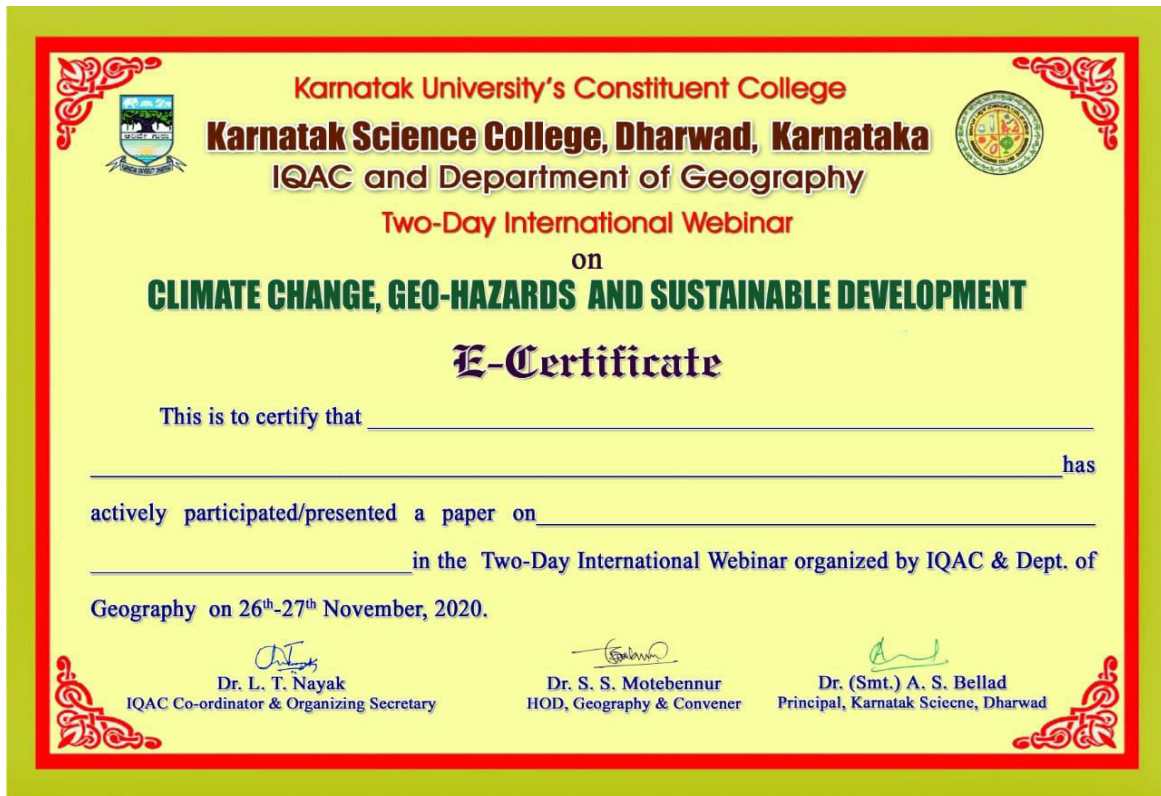
Registration Link : <https://forms.gle/oirDddYMvyeBZzuO9>



Prof. K.B.Gudasi Hon'ble Vice- chancellor K.U.Dharwad and other dignitaries inaugurating two day international webinar



Prof. K.B.Gudasi Hon'ble Vice- chancellor K.U.Dharwad and other dignitaries listening the two day international webinar



REPORT :

Day-1

Department of Geography, Karnatak Science College, Dharwad in association with IQAC Karnatak Science College, Dharwad organized two day international webinar on 26-11-2020 and 27-11-2020. The Webinar was inaugurated on 26th November, 2020 at 10.00 am in controlling room of the college. The events of the webinar started with the invocation by Miss Shraddha. Dr.L.T.Nayak, organizing Secretary welcomed the dignitaries on the dais and resource persons and participants present virtually. Prof.S.I.Biradar, Dept. of Geography, Karnatak University, Dharwad spoke of the theme about the webinar and focused on the need for self realization of responsibilities towards the protection of environment. Dr.C.G.Patil introduced the chief guest of the webinar. Prof. K. B. Gudasi, Chief Patron of the webinar and Hon'ble Vice- Chancellor, Karnatak University, Dharwad inaugurated the webinar by lighting the lamp. In his inaugural speech Hon'ble Vice - Chancellor reflected on the current climatic conditions. Sir asserted that for deterioration of environment and the threats that we are in, none but ourselves have to be blamed. Sir emphasized the role of humans in drastic changes and called for introspection and asked the individual to be aware of their actions and impact on nature. Sir inspired the younger generation to be nature friendly. President of the event Dr.(Smt.) A.S.Bellad, Principal, Karnatak Science College, Dharwad highlighted the importance of our contribution in protecting the nature. Madam asked fellow beings to realize the relationship between man and nature. We are a minute part of larger scheme of nature, the nature is to be cherished, saved, and preserved through sustainable behavior and actions. Dr.S.S.Motebennur convener of the webinar registered the vote of thanks.

Prof.Yukio Himiyama, Hokkaido University of Education, Japan, delivered the key note address. Professor Himiyama spoke on recent trends and contribution of Geographers in preserving the nature and covered various aspects of Geographical Studies. Further, Prof. Himiyama elaborated on the different trends, movements and correlated technology used in Geography and provided information the drafting of policies, its implementation and consequences of it on life. He highlighted Geo- hazards and mitigation and need for sustainable development and called for the need to extend the research, findings and renovation done by the academia to the society.

Talk-I: The speaker **Prof. W.B.Pande**, Associate Professor, Department of Geography, Delhi School of Economics, University of Delhi. The speaker was introduced by Dr. Rajashekhar O.Patil, Associate Professor, Sant Gadge Maharaj College of Commerce, Mumbai. Prof. W.B.Pande delivered a talk on **Climate Change adoption for Sustainable livelihood in Indian Himalaya Region**. Speaker defined and explained Mountain environment and the status of climate change in mountains. The emphasis was given to the causes of climate change. Some of the man

made causes: forest clearing, timber extraction, slope cutting for road development, tourism, urbanization and globalization, shifting cultivation on steep slope, horticulture, excessive uses of pesticides and insecticides etc. were highlighted as major contributor to the drastic changes in the climate in Himalaya region. The talk ended with comments by R.O.Patil.

Talk-II: Prof. Ashok Hanjagi, Chairman, Dept. of Geography, University of Bengaluru, India spoke on *Climate Change: Analysis of Droughts and Covid-19 Disaster and Sustainable Development*. Speaker opined that earth orbiting satellites and other technological advances have enabled scientists to see the big picture, collecting many different types of information about our planet and its climate on a global scale. The talk highlighted the consequences of human interference. The speaker concluded that extreme weather and climate conditions continued in 2020. 20 million hectare of tropical rain forest is being lost every year to deforestation in the continents, and 7 million hectares of farm land is being lost every year to soil erosion. The natural energy resources like water, wind and sunlight can be used to maximize production of energy but it is not done effectively.

Technical session -I 2.40pm -3.40pm

Technical session was arranged for faculty and research students. The session was chaired by Dr. Somanath Mukherjee, Assistant Professor of Geography, Bankura Christian College, West Bengal. In this particular session 12 papers were presented. Sarala Devi from Chennai, Susant Savant from Mysore, Fidel Rahmati from Afghanistan and Dr. Komala Bhat from Sirsi presented good papers.

Technical session -II 4.30 pm -5.30pm

Second Technical session was chaired by Dr. G.N. Sheeli, Associate professor and Head, Dept. of Geography, Lingaraj College, Belagavi. In this session 11 papers were presented by different participants across the nation. Indhiya Selvan, V.N from Chennai, Ramakrishna from Dharwad, Dr. Nagaraj and Dr. S.N. Mulimani presented well. The first day of the webinar ended with the technical session.

Day-II- 27th November, 2020

Talk-III- The second day of the webinar started at 10 am with the introduction of the resource person Prof. R.B. Singha, well known Geographers in India. The introduction was given by Dr. Prabhakar Rath, Associate Professor of Geography, Govt. College, Khandola, Goa.

Prof. R.B. Singh Delhi School of Economics delivered a talk on *Climate Change, Disaster Risk Reduction and Sustainable Development: Indian Experiences*. The talk focused on the decade wise variable records of climate change, occurrence of disasters in these decades and loss. In the later part of the talk Prof. Singh suggested remedies for disaster risks reduction and sustainable development.

Technical session –III

The fourth technical session of the webinar was chaired by Dr.Dasharat P.Angadi Associate Professor of Geography, Mangaluru University, Mangaluru. In this session there were 12 selected papers were presented by the participants.

Talk-IV:Prof. Jun Matsumoto delivered a talk on *Rainfall Variability, floods and their effects on Rice production in the Ganga –Brahmaputra River Basins*. The talk emphasized on varieties of rice native and hybrid in recent decades. The talk highlighted the role of natural disaster, climate-change and manmade disaster loss in cultivation and marketing of rice and its effect on farmers' lives.

Talk-V:Dr.Komali Yennatti from University of Wolverhampton, United Kingdom(UK) delivered a talk on *Urban overheating and cooling in India*. The talk covered numerous issues related to climate change in India in particular and the world in general. The talk was informative as it disseminated information on new models of roofing which are cheaper and most of it can be created out of waste. It spoke of natural energy resources, harnessing of solar energy and also preventing overheating of houses. Different eco- friendly and cost effective means of cooling means to stop usage of appliances causing emission of hazardous chemical formed important part of the talk.

Technical session –IV

The last technical session of the webinar was conducted by Dr.Basavaraj Bagade, Assistant Professor of Geography, Rani Chennamma University, Belgavi. 15 select papers were presented in this session and many participants interacted with the paper presenters.

Valedictory Function:

Soon after the IV technical session valedictory function was arranged on 27-11-2020. Dr.C.G.Patil, IQAC, Member welcomed the dignitaries, Dr.L.T.Nayak, Organizing secretary of two day international webinar presented a brief report on the webinar. Dr.(Smt) A.S.Bellad, Principal, Karnatak Science College, Dharwad presided over the function. There were more than 300 participants were part of the webinar. The event as a whole turned out successful and fruitful. Many participants have expressed their gratitude, happiness and appreciated webinar. Dr.S.S.Motebennur, Convener of the webinar registered the vote of thanks.

Soon after the valedictory Google form was uploaded for feedback and participants submitted the duly filled in Google form and thereafter all the feedback forms were down loaded and filed.

BROCHURE:



Karnatak University's
Constituent College



KARNATAK SCIENCE COLLEGE
DHARWAD, KARNATAKA

One Day International Webinar
On
**RECENT
TRENDS IN PHYSICS**
28th November 2020

Organized By
**IQAC & DEPARTMENT OF
PHYSICS**



CHIEF PATRON



Prof. K.B. Gudasi
Hon'ble Vice-Chancellor
Karnatak University
Dharwad, Karnataka

PATRON



Dr. Hanumanthappa K.T.
Registrar
Karnatak University
Dharwad, Karnataka

PRESIDENT



Dr. A.S. Bellad
Principal
Karnatak Science College
Dharwad, Karnataka

SESSION I: 10.00AM-11.00AM

SPEAKER -I



Dr. C.S.Gopinath
Chief Scientist
Chair, Catalysis and Inorganic
chemistry division
National Chemical Laboratory
Dr. Homi Bhabha Road
Pune, India

**Topic: "Solar Energy Conversion for
Hydrogen Production"**

SESSION II: 11.00AM -12.00PM

SPEAKER -II



Dr. M. N. Kalasad
Chairman
Department of Physics
Davangere University
Davangere, Karnataka

**Topic: "Nanostructures - The Science of
Small Things"**

SESSION III: 2.30PM -3.30PM

SPEAKER -III



Dr. Arun Nissimagoudar
Research Scientist
Center for Super functional
Materials
School of Natural Science,
Ulsan National Institute of Science
and Technology,
UNIST-gil 50, Ulsan 44919,
South Korea

**Topic: "Computational Approaches to
Energy Materials: Application towards
Thermoelectrics and Catalysis"**

IMPORTANT ANNOUNCEMENTS

- 1) Registration is free. Academicians, Faculty members and Research Scholars from Universities and Colleges may participate.
- 2) Registration is compulsory and attendance for all the sessions for the day is mandatory.
- 3) E-Certificate will be issued to the registered participants only after submitting duly filled feedback form.

ABOUT COLLEGE

Karnatak College is a constituent College of Karnatak University, Dharwad. It was started in 1917 by late Shri Divan Bahadur Shrinivas Rao Rodda and Shri Rao Bahadur Rudragouda Aratal. It was the only College in the Bombay Province which illuminated education to the young men and women of the era. Late Sir Siddappa Kambl took the initiation for the establishment of the Science wing in Karnatak College in 1924. In 1958 Karnatak University was established and it took over the Karnatak College to run it as a Model College. Later, The Karnatak College was bifurcated into two colleges as "Karnatak Science College, and Karnatak Arts College" sharing a common campus and other campus amenities for administrative purpose. Jnanpeth Awardees Dr.V.K.Gokak, Dr.Dr.D.R.Bendre, Girish Karnad and Nandan Nilekani, Suresh Heblikar and the like are alumni of this great College.

The College has huge ever green campus sprawling over 55 acres of land with eco-friendly environment. The College has a Governing Council headed by Vice Chancellor of Karnatak University and Syndicate members, and Principal as a Secretary. The College has seven major basic science departments such as Physics, Chemistry, Botany, Zoology, Mathematics, Forensic Science, Geology, Geography, Statistics, and BCA and B.Sc (CS) with individual buildings. Apart from Bachelor degree, College offers Post Graduate and Ph.D. degree as it is recognized as Research Center. The College has a central library well stocked with rare books exceeding one lakh. The College has an Auditorium of International standard. The College is functioning with 50 highly qualified and experienced teachers and most of them are research guides.

ABOUT DEPARTMENT

The Department of Physics occupies the prime position at the entry of Karnatak Science College, Dharwad. Physics, Electronics and Computer Science are the optional subjects taught here. In addition to degree (B.Sc.) courses with combinations PCM, PME, PMCs, PMS, PMFSc, PMG, a post graduate (M.Sc.) course in Physics has been started in the year 2010. The faculty members of this department are engaged in extension activities and research in addition to teaching. All the faculty members of the department are engaged in the research work. The students of this department are encouraged to engage in extra-curricular activities like demonstration using projects and experimental work (exhibitions), Seminars, Quiz programs, Debates, Essay writing etc., Special Lectures and workshops are arranged through the Einstein Study Circle, the extra-curricular wing of this department. Interested students (with necessary aptitude and temperament) are encouraged to take up research activities (project work).

IQAC TEAM

Dr. L.T. Nayak	Coordinator
Dr. C.G. Patil	Member
Dr. Manjunatha S.	Member
Dr. Nagaraja S.	Member
Dr.(Smt) R.D. Sanakal	Member
Smt. J.M. Nirupama	Member
Dr. Raj G Kulkambkar	Member

ORGANIZING COMMITTEE

Prof. K.B. Gudasi Hon'ble Vice-Chancellor Karnatak University Dharwad, Karnataka	Dr. A.S. Bellad Principal Karnatak Science College Dharwad, Karnataka
Dr. Hanumanthappa K.T. Registrar Karnatak University Dharwad, Karnataka	Dr. G. H. Malimath Convener & HOD
Smt. Jyothi S. Doddamani Organizing Secretary	

Registration Link

<https://forms.gle/9W5eW123atL2z7>

Whatsapp Link

<https://chat.whatsapp.com/LBhoG0B0NcEwJK2YmN44>

Meeting Link Will be Provided Later Through
Mail or Whatsapp

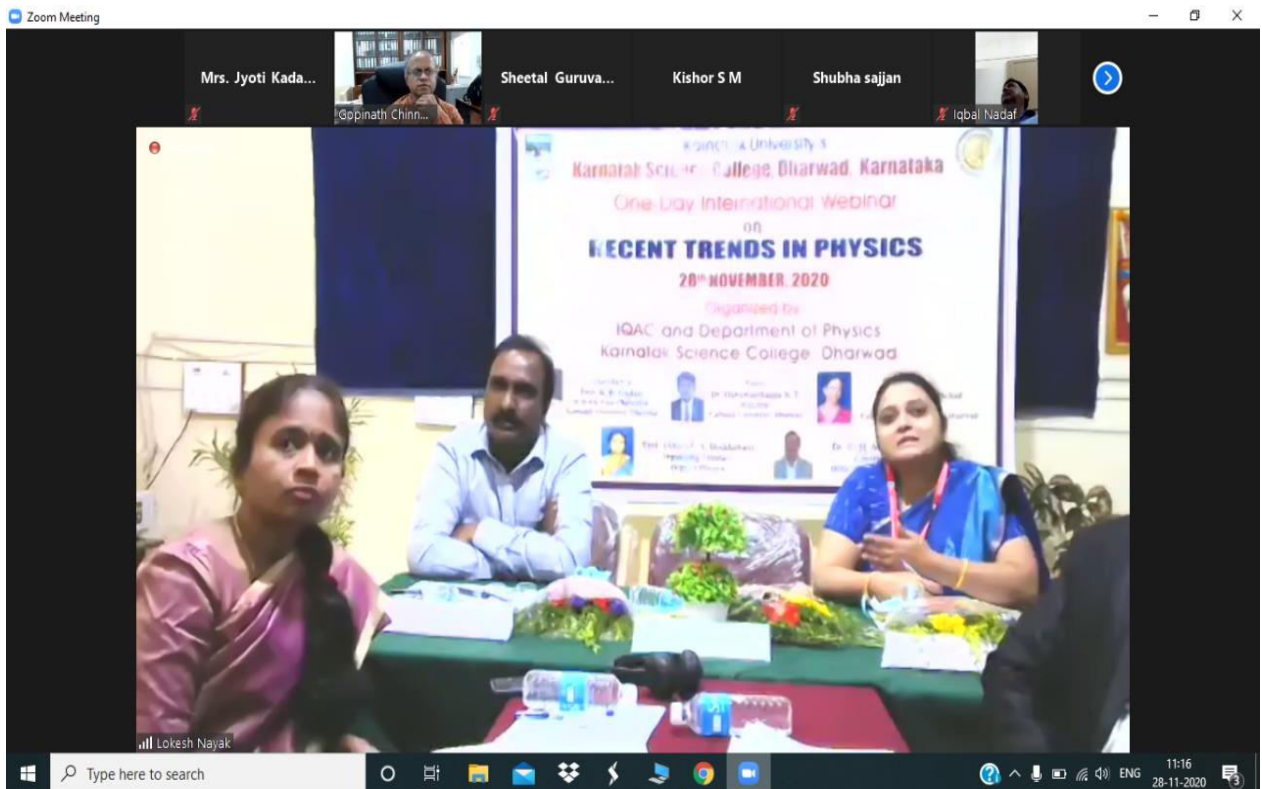
ORGANIZING MEMBERS

Prof. M.R. Ranganath
Dr. Blaise Lobo
Dr.G.N.Chavan
Dr. Nirupama J.M.
Dr. Reshma Nesaragi

PHOTOGRAPH:



Inauguration of international webinar on Recent trends in Physics.



Some of the clipping from the webinar

CERTIFICATE



REPORT:

A REPORT ON ONE DAY INTERNATIONAL WEBINAR ON RECENT TRENDS IN PHYSICS

A one day international webinar on Recent Trends in Physics is organised by department of Physics in coordination with IQAC, Karnatak Science College, Dharwad on 28th November 2020. The Chief Patron for the ceremony is Prof. K.B.Gudasi, Honourable Vice-Chancellor, Karnatak University Dharwad, Patron is Dr. Hanumanthappa K.T., Registrar, Karnatak University Dharwad, President is Dr.(Smt). A.S.Bellad, Principal, Karnatak Science College, Convener Dr. G.H. Malimath and Organizing Secretary is Smt. J.S.Doddamani. The coordinator of IQAC committee, Dr.L.T.Naik and the members of the committee, Dr.C.G.Patil, Dr. Manjunath S., Dr. Nagaraj S., Dr (Smt) R.D. Sankal, Dr (Smt) Nirupama J.M, Dr. R.G.Kalakambkar and organising members Prof. M.R.Ranganath, Dr.Blaise Lobo, Dr.Geeta Chavan, Dr.Nirupama J.M, Dr. Reshma Nesargi were present.

The flyers for webinar were circulated in various groups through whatsapp so as to reach more number of the students and interested participants. The link was provided along with the

flyer and free registration for the webinar was made through Google form. A separate whatsapp group was created to convey the timely information regarding the webinar. There were more than 200 participants from all over India and also few were from USA, UK and South Korea. The online webinar started sharp at 9 am with a welcome speech by Dr. G.H.Malimath. This one day webinar was planned for three sessions from 10.00am to 11.00 am; 11.15 am-12.15 am and 2.30pm-3.30pm.

The speaker of the first session was **Dr.C.S.Gopinath**, Chief scientist and Chairman for the Catalysis and inorganic Chemistry division, Head centre of Excellence on Surface Science and Professor in Academy of Scientific and Innovative Research(AcSIR), National Chemical Laboratory, Dr. Homi Bhaba Road,Pune,India. He delivered an invited talk on the topic “**Solar Energy Conversion for Hydrogen Production**”. He started with the importance of using sunlight efficiently in order to reduce dependency on the fossil fuels. It is necessary to change our economy from the “carbon economy” to “Hydrogen economy” so as to reduce carbon dioxide emission due to carbon based fuels. The solution is to have hydrogen gas as a fuel as demonstrated by Honda and Fujishima using water splitting with the help of semiconductor, where solar radiation is harvested for the water splitting releasing hydrogen gas which can be used as fuel. The hydrogen should come from a renewable and non polluting form. The yield of energy from hydrogen is 120 MJ/kg which is much larger than energy yield from the gasoline (44 MJ/kg). Dr. Gopinath explained the technique involved in solar harvesting including phonon absorption, charge separation and suppression of recombination of electrons and holes in the semiconductor material exposed to sunlight. He explained the importance to note the physical process occurring at low time scales whereas chemical process occurs at higher time scale. He highlighted the necessary to find a breakthrough catalyst. The speaker discussed the shift from powder based materials to their film based materials. The device needs not only water splitting which is a local phenomena but also power generation. The latter needs electrons to travel long distances in dye sensitised solar cells to have effective power generation. At the end of the session

there was interaction with participants wherein he cleared the doubts of participants regarding solar harvesting for energy conversion.

The second session was started at 11.30 am. The speaker for session was **Dr. Muttanagouda Kalasad**, Associate Professor and Chairman, Department of Physics, Davanagere University, Davanagere, Karnataka, India. He delivered a talk on “**Nanostructure- The Science of Small Things**”. Dr. Kalasad describes briefly the basics of nanomaterials starting from the history of nanomaterials and explained how the material properties can change with respect to reduction in the size. He emphasised on the importance of the surface atoms, and described the role of capping molecules in carbon nano tubes (CNT). He described various characterisation techniques such as X-Ray Diffraction (XRD), Scanning Electron Microscopy(SEM), Ultra Violet –Visible light absorption spectroscopy (UV-Vis), Photo luminescence (PL), Atomic Force Microscopy (AFM), Transmission Electron Microscopy(TEM) to determine the phase, morphology, bandwidth, optical properties ,surface morphologies, particle size and much more using these techniques. He explained the basic principles of these techniques and their application to characterise the nanoparticles.

The third session started after lunch break at 2.30 pm. The speaker for this session was Dr. Arun Nissimagoudar, Research Scientist, Center for the Super Functional Materials, School of Natural Science, Ulsan National Institute of Science and Technology, UNIST-gil 50, Ulsan 44919, South Korea. We are proud that he is the alumni of department of Physics, Karnatak Science College, Dharwad. He discussed about testing the mobility calculation using code for holes and electrons in GaAs, high thermoelectric figure of merit in mixed valence materials, phonon dispersion, thermal conductivity, anharmonicity arrays from lone pair of electrons. He also discussed application towards catalysis and materials sustainable for future energy. Theoretical calculation in predicting good materials for water splitting involving hydrogen evolution reaction and oxygen evolution reaction using lattice oxygen evolution reaction mechanism are explained. He explained that from theoretical calculations one can predict the good catalyst by knowing the catalyst development strategies. He also explained about the

thermoelectric material properties such as thermoelectric figure of merit (ZT), thermal conductivity due to phonons and electrons, phonon transport etc. Phonon transport calculation methodology, lattice thermal conductivity; electron transport methodology, Boltzmann transport equation, electron scattering through lattice vibration, impurities and defects, electron phonon scattering, electron phonon coupling are explained in detail. Computational approaches like Density Function Theory (DFT) and other methodology in calculating many body Hamiltonian was explained. He introduced how DFT packages works and said that DFT is a powerful tool to predict the material properties for various applications like thermoelectric, catalysis and water splitting. At the end of the session there was a fruitful discussion with the participants.

BROCHURE:



**KARNATAK SCIENCE COLLEGE
DHARWAD**

One Day National Webinar

On

BIG DATA ANALYTICS

8th December, 2020

Organized By

**IQAC
and
Department of Statistics**



CHIEF PATRON



Prof. K. B. Gudasi
Hon'ble Vice-Chancellor
Karnatak University
Dharwad, Karnataka

PATRON



Dr. Hanumanthappa K.T.
Registrar
Karnatak University
Dharwad, Karnataka

PRESIDENT



Dr. (Smt) A.S. Bellad
Principal
Karnatak Science College
Dharwad, Karnataka

SPECIAL INVITEES



Prof. (Smt) S. B. Munoli
Chairman
Department of Statistics,
Karnatak University, Dharwad



Dr. D.B. Karadoni
Principal
Karnatak Arts College
Dharwad

Session 2: 12.30 pm - 1.30 pm

SPEAKER -2



Prof. David D. Hanagal
Fellow of the Royal Statistical
Society, London U.K.
Professor (Retd.)
Department of Statistics
Savitribai Phule Pune University,
Pune.

**Topic: Positive Stable Shared Frailty Models
based on Additive Hazards**

Session 3: 03.00 pm - 04.00 pm

SPEAKER -3



Prof. Kalyan Das
Department of Mathematics
Indian Institute of
Technology Bombay,
Powai, Mumbai.

**Topic: Dimensionality Reduction using Principal
Component Analysis - an overview**

IMPORTANT ANNOUNCEMENTS

- 1.Registration is free. Academicians, Faculty members, Research Scholars and Students from Universities and Colleges may participate.
- 2.Registration is compulsory and attendance for all the sessions is mandatory.
- 3.e-Certificate will be issued to the registered participants only after submitting duly filled feedback form.

Session 1: 11.00 am-12.00 Noon

SPEAKER -1



Prof. K.Muralidharan
Professor & H.O.D.
M. S. University
Baroda, Vadodara

**Topic: Big Data Analytics for Recommender
Systems**

ABOUT THE COLLEGE

The Karnatak College started functioning in 1917 due to efforts of Late Shri. Diwan Bahadur Srinivas Rao Rodda and Late Shri. Rao Bahadur Rudragouda Artal. It was the only college to exist in the Bombay Province at that time. Late Sir Siddappa Kambli played a vital role in establishing the science wing of Karnatak College in 1924. After the establishment of Karnatak University at Dharwad, in 1958, it took over the Karnatak College from the Government in order to run it as model College. Later, the Karnatak College was bifurcated into two sister colleges namely, Karnatak Science College and Karnatak Arts College, these colleges shared a common campus and other amenities like Library, Canteen, Student home and Health Center. Late Dr.G.S.Paramasivaiah was the first Principal of the Karnatak Science College.

The College has a huge evergreen campus sprawling over 55 acres of land with eco friendly environment. The governing council of the college is headed by the Vice Chancellor of Karnatak University. The College has basic science departments such as Physics, Chemistry, Botany, Zoology, Forensic science, Geology and Geography. In addition, there are applied science departments like, Computer Application and Computer Science. Apart from UG course, the college offers PG and Ph.D. programmes. It is recognised as research centre by the Karnatak University Dharwad. The College has a central library which is well stocked with a large number of rare and useful books. The College has an auditorium of international standard. The College is functioning with forty one highly qualified and experienced teachers and most of them are research guides. Some of the faculty members are principal investigators of major and minor projects funded by different agencies like UGC,VGST and DST.

ABOUT THE DEPARTMENT

The Department of Statistics was established in the year 1961 with a modest faculty. Over the last 59 years the Department has grown into a major centre of teaching, learning and research for both Science and Social Science courses. Statistics for B.Sc. Course, Applied Statistics, Elements of Mathematics and Statistics for B.A. course and Business Statistics for B.Com course are the optional subjects taught here. The B.Sc. course offers combinations of Physics, Mathematics and Computer Science (PMS), Statistics, Mathematics and Computer Science (SMCs) and Chemistry, Mathematics and Statistics (CMS). Apart from this the Department is actively engaged in research by publishing papers, guiding students and carrying out research projects funded by UGC and other agencies. Already two major and one minor research projects funded by UGC have been completed. The department is well equipped with highly qualified staff members. At present, there are 2 research guides under whom 4 students have been awarded Ph.D. degree and there are 3 regular research students pursuing their Ph.D. degree. Alumni of our Department are working in reputed Universities, Research Centers, IT & BT Sectors and Government Organizations in India and abroad. Late Mr. Girish Karnad the well-known playwright, film director and recipient of Jnanapeeth award is an alumnus of this Department.

Registration Link
<https://forms.gle/Jg6cE3Nno52miheb8>

Whatsapp Link
<https://chat.whatsapp.com/EtOd7gXBYbpJriSaZbN6tU>

**Meeting Link Will be Provided Later
Through Mail or Whatsapp**

IQAC COMMITTEE

Dr. L.T. Nayak	Coordinator
Dr. C.G. Patil	Member
Dr. Manjunatha S.	Member
Dr. Nagaraja S.	Member
Dr. (Smt) R.D. Sanakal	Member
Dr. (Smt) Nirupama J.M.	Member
Dr. Raj G. Kalkambkar	Member

ORGANIZING COMMITTEE

Prof. K.B. Gudasi Hon'ble Vice-Chancellor Karnatak University Dharwad, Karnataka	Dr. (Smt) A.S. Bellad Principal Karnatak Science College Dharwad, Karnataka
Dr. Hanumanthappa K.T. Registrar Karnatak University Dharwad, Karnataka	Dr. M.N. Megeri Convener & HOD
Dr. M.N. Megeri Convener & HOD	Dr. S. R. Gani Organizing Secretary
Prof. A.S. Ainaapur Joint Organizing Secretary	Dr. K.M. Astagimath Joint Organizing Secretary

ADVISORY COMMITTEE

Prof. S. B. Munoli Department of Statistics Karnatak University Dharwad	Prof. S. V. Bhat Department of Statistics Karnatak University Dharwad
Prof. A. S. Talawar Department of Statistics Karnatak University Dharwad	Dr. S. Nagesh Department of Statistics Karnatak University Dharwad

ORGANIZING MEMBERS

Dr. S. V. Halawar	Dr. H. H. Budihal
Smt. S. S. Panigatti	Shri. Mallikarjun L. C.
Shri. G. M. Ramanni	Miss. R. P. Agadi

Report of the one day national webinar on Big Data Analytics

The one day National webinar on Big Data Analytics was organized by the Department of Statistics on 08.12.2020. There are more than two hundred participants registered for the webinar. The webinar is inaugurated by Dr. S. B. Munoli Chairman P.G. Department of Statistics Karnatak University Dharwad and Principal Karnatak Science College, Dharwad. In the presence members of the Department, IQAC members, Heads of the various department and staff members of Karnatak Science College, Dharwad, Inauguration of webinar starts by Invocation songs by our students, welcome by Prof. A. S. Ainapur, Introduced by Keerthi M. Astagimath, the need for webinar was given by convener of webinar Dr. M. N. Megeri has given the details of need for the webinar in the present day scenario. Prof. S. B. Munoli has highlighted about the Big Data Analytics. The Principal Dr.(Smt.) A. S. Bellad has given importance of Big Data in the presidential remarks and lastly organizing secretary of webinar Dr. S. R. Gani has given vote of thanks.

The first session of the webinar delivered by Prof. David Hanagal and introduced by Dr. S. R. Gani. Prof. David Hanagal. He has discussed the topic “ Positive Stable Shared Frailty Models based on Additive Hazzards”. In the speech he has discussed the Bayesian estimation procedure by using kidney infection data of McGilchrist and Aisbett (1991). The data related to recurrence times to infection at point of insertion of the Catheter for 38 kidney patients using portable dialysis equipment. Survival time (P – values) for a patient are estimated for first & second infection time or censoring time. He has also discussed the different types of frailty models like Gamma frailty, inverse Gaussian frailty, positive stable frailty, compound Poisson frailty, Piecewise gamma frailty, correlated frailty and additive frailty models. He has shown the real data fitting with estimated values and also comparison of the models for kidney infection data.

The second session of the webinar is delivered by Prof. K. Muralidharan introduced by Dr. (Smt.) K. M. Astagimath. Prof. K. Muralidharan has discussed the Big Data Analytics, No. of vacancies available to future Statisticians, what are potential need for big data analysis and he has covered all big data analytics converges. In this speech, He gave big data, big data science and big data analytics. He talk about AI (Artificial Intelligence),

ML (Machine Learning) and DL (Deep Learning) and also briefly explained the topic. Recommender System; steps in Recommended Systems.

The last session of the webinar is thought by Prof. Kalyan Das, introduced by Prof. A.S. Ainapur. Prof. Kalyan Das has discussed on the concept Principal component Analysis. This is a universal technique for extracting variance structure from high dimensional datasets. He has shown how PCA is used to transformation of the data into a possibly lower dimensional subspace so that the variance of the projected data is maximized. He has shown the example of face images. explained how to model the subspace of face images, Eigen faces example representation and construction.

The valedictory function of webinar was arranged at 4.30, Dr. Keerthi Astagimath has welcomed the guest, Dr. M. N. Megeri, Convener of Webinar, has highlighted regarding talk given by all the speakers of webinar and all the three speakers. Principal Dr. (Smt.) A. S. Bellad has remembered regulating importance Big data Analytics in the present scenario and lastly vote of thanks is given by organizing secretary Dr. S. R. Gani.

CHIEF PATRON

Prof. K. B. Gudasi
Hon'ble Vice-Chancellor
Karnatak University
Dharwad, Karnataka

PATRON

Dr. Hanumanthappa K.T.
Registrar
Karnatak University
Dharwad, Karnataka

CO-PATRON

Dr. (Smt) A.S. Bellad
Principal
Karnatak Science College
Dharwad, Karnataka

**CONVENER & IQAC
COORDINATOR**

Dr. L.T. Nayak

ORGANIZING SECRETARY

M.R. Ranganath

**JOINT ORGANIZING
SECRETARIES**

Dr. Manjunatha S
Dr. Nagaraja S.

ORGANIZING MEMBERS

Dr. (Smt.) R.D. Sanakal
Dr. (Smt.) Nirupama J.M.
Dr. Raj G. Kalkambkar



Karnatak University's
KARNATAK SCIENCE COLLEGE
DHARWAD, KARNATAKA



IQAC Initiative

One Day Students Seminar (State Level)
(for UG Science students only)

On

"EFFECT OF COVID ON EDUCATION IN INDIA"
AND
"EFFECT OF COVID ON EMPLOYMENT IN INDIA"

19th January, 2021

Cash Prize : 1st place Rs. 10,000/- for each topic
2nd place Rs. 5,000/- for each topic
3rd place Rs. 2,500/- for each topic

Inauguration	Session 1	Validictory & Prize Distribution
Time: 10.30 AM	Time: 11.00 AM to 1.00 PM	Time: 4.30 PM
	Session 2:	
	Time: 2.00 PM to 4.00 PM	

Rules for Participation:

1. From a Degree College having Science stream maximum two students can participate. (One student for each topic given above)
2. The participating students should be necessarily studying UG course in Science stream.
3. Participating students should send registration form duly signed and forwarded by the Principal
4. Online registration form should be submitted on or before 15th January 2021
5. Seminar will be conducted on Zoom Platform
6. Time limit for presentation 8 minutes and 2 minutes for question and answers
7. Participants should use original PPT
8. Judges decision is final
9. Time schedule of the student seminar will sent in advance and participants are required to adhere to that strictly

Meeting Link Will be Provided Later Through Mail or WhatsApp



PHOTOGRAPH



Dr. A. A. Hooli, Principal (Rtd), and Dr. A. S. Bellad, Principal of Karnatak Science College, Dharwad, inaugurated one-day state-level student seminar by lighting the lamp, with the college staff also in attendance.

REPORT ON TWO DAY STATE LEVEL ONLINE SEMINAR COMPETITION (FOR UG SCIENCE STUDENTS)

19TH & 20TH January 2021

Karnatak Science College, Dharwad, conducted Two Day State Level Online Students seminar competition as IQAC initiative and in association with Student Welfare Office of the College. This seminar competition was organized only for UG degree students studying in science stream. This program was held on 19th & 20th January 2021. Following two themes were selected for seminar competition.

- 1) EFFECT OF COVID ON EDUCATION IN INDIA
- 2) EFFECT OF COVID ON EMPLOYMENT IN INDIA

Information brochure and applications was sent to all degree college spread across our state (nearly 700 + colleges) where UG course in science stream is taught. This includes Govt. First Grade Colleges, Private Aided Colleges and Private Unaided colleges. Only two students from a college were allowed to participate(One student for one topic). Students from science Colleges spread in 7 Districts (Mysuru, Koppal, Bagalakot, Vijayapura, Kalaburgi, Uttara Kannada & Dharwad) of our state participated in this seminar competition. 26 UG students with science stream participated in this event.

Each students was given 10 minutes time and give Power Point Presentation on the topic chosen by them. In order to maintain fair and impartial evaluation of the presentation, each participant was given a Code Number generated randomly. As rule of competition, all participants were instructed not to disclose their identity during presentation in any form. Presentation was in English language. Four Judges were selected from Degree Colleges spread across state for evaluating the performance of participants. Judges were told only code number of participants. Evaluation was based on points such as Subject Content, Innovative Ideas, Original PPT presentation, Language and Time Management. This system was very much appreciated by many students and teachers. This Online Seminar competition was inaugurated by Dr. A. Hooli, Former Principal, Karnatak Science College and function was presided over by Dr. Smt. A.S. Bellad, Principal, Karnatak Science College, Dharwad. Dr. L.T.Nayak, Co Ordinator, IQAC, M.R.Ranganath, Organizing Secretary & SWO, Dr. C.G.Patil, Dr.Nagaraja .S, Joint Organizing Secretaries were present. HODs of various Departments and many staff members and IQAC members graced this occasion. After the Inaugural function the competition was held in three different sessions, Two sessions on 19th Jan and One session on 20th Jan 2021. Throughout the technical sessions, Dr.S.Nagaraja, Joint Organizing Secretary managed the online sessions without giving room for technical problem.

Valedictory was held On 19th January 2021. Dr.L.T.Nayak, Co Ordinator, IQAC welcomed the dignitaries. Dr.Smt. A.S.bellad, Principal, Karnatak Science College, Dharwad presided over the

function. At the end of this function Results of Competition were announced by Dr.C.G.Patil , Joint Organizing Secretary of this seminar competition. First Frize Rs 10000/-- was bagged by Mr. Christon Gonsalves , III sem, Kittel Science College, Dharwad, Second Prize Rs 5000/-- was bagged by Miss. Sindhu M. Hegede, B.Sc. I sem, SDM College, Honnavara, Uttara Kannada District. Third Prize Rs 2500/-- was bagged by Miss Arpita Bandekar, B.Sc. V Sem, P C Jabin Science College, Hubballi. First, Second and Third cash prize was sponsored by M/s Nikhil Scientific & Surgicals, Dharwad, Shri Anil Khunte , Dharwad and M/s Bhushan Enterprises, Dharwad respectively. Dr.Smt. Nirupama J M compered the whole function and Dr. Smt. R D Sankal, Member IQAC proposed vote of thanks. All prize winners and few other participants gave feed back at the end. Winners and other particants have been given e – certificates.

11. ONE DAY NATIONAL WEBINAR ON FAUNAL DIVERSITY AND PROSPECTS OF LIFE SCIENCES



**KARNATAK SCIENCE COLLEGE
DHARWAD**

One Day National Webinar

On
**FAUNAL
DIVERSITY AND PROSPECTS
OF LIFE SCIENCES**

30th November 2020

Organized By

**IQAC
&
Department of Zoology**
Karnatak Science College, Dharwad



CHIEF PATRON



Prof. K. B. Gudasi
Hon'ble Vice-Chancellor
Karnatak University
Dharwad, Karnataka

PATRON



Dr. Hanumanthappa K.T.
Registrar
Karnatak University
Dharwad, Karnataka

PRESIDENT



Dr. A.S. Bellad
Principal
Karnatak Science College
Dharwad, Karnataka

Session 1: 11.30am-12.45pm

SPEAKER - I



Dr. V.D. Hegde
Scientist 'E'
Zoological Survey of India
Shilong, Meghalaya

Topic: Faunal Diversity

Session 2: 02.30pm-03.45pm

SPEAKER -2



Sri. Suresh M.G.
Assistant Professor
Department of Microbiology
Government Science College,
Hassan, Karnataka

Topic: Feel Employable
(A Life Science Student Perspective)

IMPORTANT ANNOUNCEMENTS

- 1.Registration is free. Academicians, Faculty members a Research Scholars and Students from Universities and Colleges may participate.
- 2.Registration is compulsory and attendance for all the sessions is mandatory.
- 3.e-Certificate will be issued to the registered participants only after submitting duly filled feedback form.



ABOUT COLLEGE

The Karnatak College started functioning in 1917 due to efforts of Late Shri. Diwan Bahadur Srinivas Rao Rodda and Late Shri. Rao Bahadur Rudragouda Artal. It was the only college to exist in the Bombay Province at that time. Late Sir Siddappa Kambli played a vital role in establishing the science wing of Karnatak College in 1924. After the establishment of Karnatak University at Dharwad, in 1958, it took over the Karnatak College from the Government in order to run it as model College. Later, the Karnatak College was bifurcated into two sister colleges namely, Karnatak Science College and Karnatak Arts College, these colleges shared a common campus and other amenities like Library, Canteen, Student home and Health Center. Late Dr.G.S.Paramasivaiah was the first Principal of the Karnatak Science College.

The College has a huge evergreen campus sprawling over 55 acres of land with eco friendly environment. The governing council of the college is headed by the Vice Chancellor of Karnatak University. The College has basic science departments such as Physics, Chemistry, Botany, Zoology, Forensic science, Geology and Geography. In addition, there are applied science departments like, Computer Application and Computer Science. Apart from UG course, the college offers PG and Ph.D. programmes. It is recognised as research centre by the Karnatak University Dharwad. The College has a central library which is well stocked with a large number of rare and useful books. The College has an auditorium of international standard. The College is functioning with forty one highly qualified and experienced teachers and most of them are research guides. Some of the faculty members are principal investigators of major and minor projects funded by different agencies like UGC,VGST and DST.

ABOUT DEPARTMENT

Department of Zoology was established in the year,1954. The two more optional subjects, Industrial Fish and Fisheries was established in the year, 1995, and Microbiology in the year, 1997. In addition to UG course with combinations, CBZ, CZIF, CZMicro, CZBiotech, CZFSc, AZFSc, CZGen, Department offers Ph.D programme in Zoology. Department is housed in a spacious independent building with good infrastructure, largest unique Zoology Museum, own library and research laboratories. All the faculty members are actively involved in research and every year special lectures, seminars, workshops and extension programmes are organized by the Department to enrich the academic knowledge, under the zoology study circle activities. Department has the pride of producing eminent personalities in the different fields of Life sciences. Students actively participate in various Science Exhibitions, Seminars, Conferences and take up research activities through project work.

Registration Link

<https://forms.gle/CHrFcqYj9tt3vLWj8>

Whatsapp Link

<https://chat.whatsapp.com/JKGOqHvelfK8vbUzHvofZQ>

Meeting Link Will be Provided Later Through Mail or Whatsapp

IQAC COMMITTEE

Dr. L.T. Nayak	Coordinator
Dr. C.G. Patil	Member
Dr. Manjunatha S.	Member
Dr. Nagaraja S.	Member
Dr. (Smt) R.D. Sanakal	Member
Dr. (Smt) Nirupama J.M.	Member
Dr. Raj G. Kalkambkar	Member

ORGANIZING COMMITTEE

Prof. K.B. Gudasi Hon'ble Vice-Chancellor Karnatak University Dharwad, Karnataka	Dr. A.S. Bellad Principal Karnatak Science College Dharwad, Karnataka
Dr. Hanumanthappa K.T. Registrar Karnatak University Dharwad, Karnataka	Dr. M.S. Nayak Convener & HOD
Dr. S.S.S.Mangalawede Joint Organizing Secretary	Dr. R.D. Sanakal Organizing Secretary
Shri.Harsha D.Neelgund Joint Organizing Secretary	

ORGANIZING MEMBERS

Dr.S.G.Chhabbi
Dr.Manohar G. Pattar
Shri. Ambarish S. Sindagi
Dr.(Smt)Neeta Kari
Dr.S.G. Lamani
Smt. Chitra Sunkad
Mr. Naveen S. Pyatimani

PHOTOGRAPH



**IQAC & DEPARTMENT OF ZOOLOGY
ONE DAY NATIONAL WEBINAR : 2020-21
30-11-2020**



REPORT:

Report on Zoology National Webinar

One day national webinar on “**Faunal diversity and prospects of Life sciences**” was held on **30th November 2020**. It was organized by **Dept of Zoology and IQAC, Karnatak science college, Dharwad**.

The chief patron was **Prof.K.B.Gudasi, Vicechancellor**, Karnatak university, Dharwad. Patron was **Dr.Hanumantappa.K.T, Registrar** Karnatak University, Dharwad.

The president of the function was **Dr.(Smt)A.S.Bellad, Principal**, Karnatak science college, Dharwad, who presided over the function and inaugurated the function. She also delivered the inaugural speech.

The convener, and HOD of the **Dept.Dr.(Smt)M.S.Nayak**, gave introduction of the webinar. Further **Dr.(Smt)R.D.Sanakal**, organizing secretary, welcomed all the guests and participants to the webinar.

Invited speaker of **First session Dr.V.D.Hegde, Scientist E, Zoological Survey Of India, Shillong, Meghalaya**, delivered his **speech on “Faunal diversity”**.

He gave detailed information regarding the diversity of animal groups in various parts of country, especially about the insect groups. He elaborated on how animal groups are unique and their characteristics. Dr.Hegde also briefed about the works of Zoological survey of India.

In the **afternoon session the invited speaker Shri.Suresh.M.G. Assistant Professor, Dept.of Microbiology, Government Science College, Hassan, Karnataka** spoke on the topic-“**Feel Employable**” (A Life science student perspective); wherein he gave a detailed information on career options for the students who have degree in Life sciences. He also gave information on different courses in various institutes, and required eligibility criteria and norms about the admissions and job avenues. Each session was attended by over 250-270 participants online and they actively interacted with the speakers. Invited speakers satisfactorily answered to all the queries of the participants.

The joint organizing secretaries, Sri.S.S.Mangalawede and Sri H.D.Neelgund introduced the guest speakers and finally organizing secretary proposed vote of thanks. The session was also attended by various dignitaries, faculty from different departments, of our college and other institutes and was well appreciated.

CHIEF PATRON
Prof. K. B. Gudasi
 Hon'ble Vice-Chancellor
 Karnatak University
 Dharwad, Karnataka

PATRON
Dr. Hanumanthappa K.T.
 Registrar
 Karnatak University
 Dharwad, Karnataka


CO -PATRON
Dr. (Smt) A.S. Bellad
 Principal
 Karnatak Science College
 Dharwad, Karnataka


**CONVENER & IQAC
 COORDINATOR**
Dr. L.T. Nayak

ORGANIZING SECRETARY
Dr. C.G. Patil


**JOINT ORGANIZING
 SECRETARIES**
Dr. Manjunatha S
Dr. Nagaraja S.

ORGANIZING MEMBERS
Dr. (Smt.) R.D. Sanakal
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Dr. Raj G. Kalkambkar





Karnatak University's
KARNATAK SCIENCE COLLEGE
DHARWAD, KARNATAKA



IQAC Initiative Webinar
One Day National Workshop

On
NAAC ASSESSMENT & RE-ACCREDITATION: AN INSIGHT
16th December, 2020

SPEAKERS :

Dr. Madhukar B.S.
 Formerly, Advisor & General Council
 Executive Committee Member in NAAC
 Bengaluru, Karnataka

Dr. Sujatha Shanbagh
 Advisor
 National Assessment & Accreditation
 Council (NAAC)
 Bengaluru, Karnataka

Time : 10.30 am-12.30 pm
**Topic: Approach to NAAC
 Accreditation Process**

Time : 3.00 pm- 4.30 pm
**Topic: NAAC Assesment &
 Accreditation Process**


Registration link: <https://forms.gle/rrGkVHZqfES8osyR>
WhatsApp link: <https://chat.whatsapp.com/F1qSJKNpLWBH9uZmaYwCg>
Webinar Platform: Zoom

Important Announcements

- 1.Registration is free. Academicians and Faculty members, from Universities and Colleges may participate.
- 2.e-Certificate will be issued to the registered participants only after submitting duly filled feedback form.

Meeting Link Will be Provided Later Through Mail or WhatsApp

CERTIFICATE




Karnatak University's
Karnatak Science College, Dharwad


Internal Quality Assurance Cell Initiative Webinar


One Day National Workshop
 on
NAAC ASSESSMENT & RE-ACCREDITATION: AN INSIGHT


e-Certificate



This is to certify that, _____
 _____ has actively participated in the
 One Day National Workshop on **"NAAC Assessment & Re-accreditation: AN Insight"**
 organized by IQAC, Karnatak Science College, Dharwad on 16th December 2020.


Dr.C.G. Patil
 Organizing Secretary


Dr. L. T. Nayak
 Convener & IQAC Coordinator


Dr.(Smt) A. S. Bellad
 Principal

REPORT:

The Karnatak Science Internal Quality Assurance Cell has organized One day National Webinar NAAC Assessment and Re- Accreditation: An Insight on 16th December Prof. K.B.Gudasi, Hon'ble Vice Chancellor, Karnatak University, Dharwad inaugurated the webinar. In his inaugural address he highlighted upon the Naac play an important role in quality of higher education Indian. The Higher education institutions which have gone for naac accreditation certainly improved their institutional physical and academic augments. His words really enlightened teachers and students..

Ist Technical session: As the seminar was organized for Higher education institution, in which more than 50 institutions staff members have participated. Two technical sessions were arranged. First Session started at 10.30am and extended up to 1.00 pm Dr.Madhukar B.S. Former Advisor and General Council Executive Committee Member in NAAC, Bangalore, Karnataka was the speaker for the first technical session. He explained criteria wise qualitative and quantitative metrics and how to follow the SOP and rich the SSR. This particular session was chaired By Dr. Dr.C.G.Patil and Dr.Kalkambkar was the rapportier.

IIND Technical session: Soon after the lunch in the second technical session started at 3.00pm and end at 5.00 pm Dr.(Smt.) Sujata Shanbagh, Advisor, National Assessment and Accreditation Council(NAAC) Bengaluru , Karnatak was the resource person who highlighted on How to write SSR and upload documents. she also emphasized how to prepare quantitative metrics and upload in DVV.Similarly she highlighted on student satisfactory Survey and how to educate the student fill the same properly.

Interaction session: Teachers and Students interacted with both speakers and cleared their doubts. There was an overwhelming response from the students and teachers during the interaction session. Dr.G.H.Mallimath and Dr. K. S. Katagi were the chairman and rapportier respectively. Dr.C.F.Mulimani, Principal, Karnatak Science College presided over the function. Dr.L.T.Nayak, Chairman Science Association welcomed the dignitaries and audience. Dr.K.Kotresh introduced the chief guest and student secretary Miss. Shweta Janagi proposed the vote of thanks. Chair persons of all the study circles, teaching and non- teaching staff of the college attended the function.

2019-20

Sl. No	Name of the workshop/ seminar/ conference	Number of Participants	Date From – To
2019-20 :07			
1	Career Guidance and Skill Development	48	14-12-2020
2	Two Days Works shop on Communication and Interview Skills	96	29-02-2019 to 01-03-2019
3	Ten Days Workshop on "PYTHON PROGRAMMING"	32	03-12-2019 to 12-12-2019
4	One day carrier Guidance Programme	126	28-08-2019
5	International Year of Periodic Table	300	29-08-2019
6	Research Facility Training Programme (RFTP) For Research Scholars	15	21-11-2019
7	Embedded system development using 8051 Controller	38	01-02-2020



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

Phone No: 0836-2215410 & 2215400 Fax: 0836-2744334
Email: principal.kscd@gmail.com Web: www.kscd.ac.in



1. ONE DAY SEMINAR : CAREER GUIDANCE AND SKILL DEVELOPMENT

14-02-2020

1

PHOTOGRAPHS



Prof. C.F. Mulimani, Principal, Karnatak Science College, Dharwad and staff of BCA department Inaugurating One day seminar.



Ms. Shweta resource person from Venus IT Solutions is interacting with BCA students

REPORT:

The Department of Computer Science(BCA & B.Sc.(CS) Courses) was held one day Seminar on “Career Guidance and Skill Development” for BCA & B.Sc.(CS) final year students for the academic year 2019-20.

The seminar was inaugurated by Dr.C.F Mulimani principal Karnatak Science College, Dharwad on 14th Feb 2020 in C3 Hall. Smt. Shweta from Venus IT Solutions, Hubli deliver the lecture on Career guidance & how to develop the soft Skills and also madam explained about career opportunities for students in IT, ITES, IT IS & IMS sector. Smt. Shweta from Bits Pvt Ltd. Hubballi interacted with students very much and clears the students doubts about IT Industries.

Smt. Kalpana C Dalwai, Coordinator, Dr.Naragaj S, Smt.Lalitha R Naik, Smt. Ambika R and Shri. Rajshekhar V Barker were presence and student Ms. Shweta from B.Sc.(CS) 5th sem scheduled the programme.

STUDENTS ATTENDANCE

KARNATAK SCIENCE COLLEGE, DHARWAD			
BCA & B.Sc(CS) COURSES			
B.Sc.(CS) V & VI SEMESTER FOR THE YEAR 2019-20			
WORKSHOP ATTENDANCE			
Sl.	Reg. No.	Candidate Name	
1	17M10001	Aasia Doddamani	
2	17M10002	Aishwarya Pandit	
3	17M10003	Aishwarya Jogin	
4	17M10004	Akash Karigar	
5	17M10005	Amruta Mishra	
6	17M10006	Aqsabanu Shaikh	
7	17M10007	Beerappa Hegade	
8	17M10008	Bibi Fatima Shaikh	
9	17M10009	Chandana H Malagi	
10	17M10010	Divya D Achalkar	
11	17M10011	Farjan Nadaf	
12	17M10012	Kirti R Barker	
13	17M10013	Lavanya Ingalagi	
14	17M10014	Madhu Dhangi	
15	17M10015	Madhushree Dambaralli	
16	17M10016	Mahesh Gubbali	
17	17M10017	Manjunath S Guttannavar	
18	17M10018	Nagalinga Channadasar	
19	17M10019	Nagaraj Chabbi	
20	17M10020	Nagaratna M Chakrasali	
21	17M10021	Nagaratna Hiremath	
22	17M10022	Nidhi Mokashi	
23	17M10023	Nikhita Gadagin	
24	17M10024	Pooja D Suryavanshi	
25	17M10025	Pooja Koshti	
26	17M10026	Pooja Guttinagoudar	
27	17M10027	Priyanka R Padanur	
28	17M10028	Purushottam Pattanashetty	
29	17M10029	Saba Kousaer Sayed	
30	17M10031	Sarswati Yammi	
31	17M10032	Shiddhamma N Badagi	
32	17M10033	Shilpa Dharvadkar	
33	17M10034	Shiva Savmshi	
34	17M10036	Shivakumar A Savadatti	
35	17M10037	Shweta Badiger	
36	17M10038	Shweta Nandihalli	
37	17M10039	Shweta Pattar	
38	17M10040	Siddalingesh R Jigajinni	
39	17M10041	Soujanya Kulkarni	
40	17M10042	Soumya Belgaumkar	
41	17M10043	Sudha Balappanavar	
42	17M10044	Trupti Rolli	
43	17M10045	Vanishree Kulkarni	
44	17M10047	Vinayak Atagali	
45	17M10048	Vinayaka S	
46	16M10039	Sudha N. Kurishanavar	

KARNATAK SCIENCE COLLEGE, DHARWAD
BCA & B.Sc(CS) COURSES
BCA V & VI SEMESTER FOR THE YEAR 2019-20

Section 01
Career Guidance & C
Attendance

Roll No	Candidate Name	
17U10002	Akshata Rajannavar	@shigla
17U10003	Anusha Pattanshetty	De
17U10004	Asha Gudisagar	Pada
17U10005	Ashwini Garagi	Aravangi
17U10006	Baby Lamani	Raj
17U10007	Bhagyashree M. Korishettar	Raj
17U10008	Bindiya Kalal	Pravara
17U10009	Chandrakala Sutar	Pravara
17U10010	Chindambar Shastry	De
17U10011	Gayatri Sindagi	(Sindagi)
17U10012	Gulabi Banoshi	
17U10013	Harish Neelappanavar	
17U10014	Indira Balerao	Pravara
17U10015	Jatti Abhishek	(Abhishek)
17U10016	Jyoti Byagi	Pravara
17U10017	Kaveri Gali	Pravara
17U10018	Kavya Hiremath	Kavya
17U10019	Kiran Tumkannavar	Pravara
17U10020	Kruthi Jarnadandi	Pravara
17U10021	Lata Hulaser	Pravara
17U10022	Laxmi Patil	Pravara
17U10024	Maitra Balikai	Pravara
17U10025	Manohar Patil	Pravara
17U10026	Naveen Alur	Pravara
17U10027	Neha Yashwant	Pravara
17U10028	Pallavi Jarnadale	Pravara
17U10029	Pallavi Solapuri	Pravara
17U10030	Parvati Navalgund	Pravara
17U10031	Pooja Sankangoudar	Pravara
17U10032	Poornima Tongali	Pravara
17U10033	Pragati Khodanpur	Pravara
17U10034	Prajwal Hasarambi	Pravara
17U10035	Prajwal Paravati	Pravara
17U10036	Prajwal Utturi	Pravara
17U10040	Rakesh Gali	Pravara
17U10041	Sadiq Olekar	Pravara
17U10042	Sangeeta Kambli	Pravara
17U10043	Shahabhaj Mulla	Pravara
17U10044	Shilpa G Patil	Pravara
17U10045	Shyam M E	Pravara
17U10046	Sindhu Bagevadi	Pravara
17U10047	Sonu Ghatage	Pravara
17U10049	Suman Audi	Pravara
17U10050	Surayya Kausar	Pravara
17U10051	Sushma Mundagod	Pravara
17U10052	Sushena Manigeti	Pravara
17U10053	Susmita Koparde	Pravara
17U10054	Swati Virapuyyanavarmath	Pravara
17U10055	Vinayak Gurulingammanavar	Pravara
17U10056	Vinayak Chandawarkar	Pravara
17U10057	Vishwa Bhajantri	Pravara

PHOTOGRAPHS



Inauguration of Two days workshop on Communication and Interview Skills.



Students performing invocation song on the occasion of Two days workshop



Student created an ornament out of Waste Resource Person Mr. Praveen explaining interview skill and how to face interview.



Participants received the certificates and took photos with the resource person.

REPORT:

The BCA & B.Sc. (CS) department conducted various co-curricular activities and career-oriented programs for students. Among these initiatives, a two-day workshop was organized on 29th February 2020 and 1st March 2020 for BCA & B.Sc. (CS) final year students for the academic year 2019-20.

The workshop on "Communication and Interview Skills" was inaugurated on 29th February 2020 by Dr. T.M. Bhaskar, Vice-Chancellor of Karnatak University Dharwad,

as the chief guest. Special invitees Shri. S.M. Deshpande and Shri. Ravikumar Maliger, along with Resource person Mr. Praveenkumar M from Mysore, was present. Dr. C.F. Mulimani, Principal of Karnatak Science College, Dharwad, presided over the function as the President of the event. Smt. Kalpana C Dalwai, Coordinator of BCA & B.Sc. (CS), also graced the occasion with her presence.

The inauguration of the two-day workshop on Communication and Interview Skills commenced with Dr. T.M. Bhaskar, the esteemed Chief Guest, addressing the audience. Dr. Bhaskar elaborated on the nuances of communication across different languages and highlighted the communication challenges faced by students in the IT field. Additionally, he provided insights into the rich history of both KCD and KUD.

Special invitee Shri. Ravikumar Maliger, a Syndicate member of Karnatak University Dharwad, shared valuable insights into communication skills in other countries. He emphasized the importance of interview skills in career development and encouraged students to actively participate in NCC and NSS activities during their college life. He urged students to utilize the workshop to enhance their mental abilities and creativity.

Dr. C.F. Mulimani, in his presidential remarks, expressed gratitude for the presence of the dignitaries. Coordinator Smt. Kalpana C Dalwai extended a warm welcome to all the guests, while Dr. Nagaraj and Shri. Rajashekhar Barker introduced the esteemed guests. Student Secretary Mr. Anandgouda Patil delivered the vote of thanks.

The event was graced by the presence of Smt. Lalitha R Naik, Smt. Ambika R, and other teaching and non-teaching staff members. Smt. Anupama S and Smt. Rekha adeptly anchored the program.

On Day 1, (29th February 2020), the morning session included the inauguration ceremony, followed by an afternoon session focused on creativity activities. All students actively participated in these activities, creating various ornaments and cosmetics using newspapers. They also composed their own lyrical songs and tunes, resulting in an enjoyable and enriching experience for all participants.

On Day 2, (1st March 2020), the morning session commenced with the grouping of students into different batches for physical activities, fostering active participation among the students. In the afternoon session, Mr. Praveen provided valuable insights into interview skills, guiding students on how to effectively face interviews and highlighting the do's and don'ts during interviews.

At the conclusion of the workshop, a significant number of students provided positive feedback about the workshop, underscoring its value and impact. Coordinator Smt. Kalpana C Dalwai then distributed certificates to all the students, officially validating their participation in the workshop.

03-12-2019 to 12-12-2019



KARNATAK UNIVERSITY'S

KARNATAK SCIENCE COLLEGE, DHARWAD

INVITATION:

Department of Physics/Computer Science

WORKSHOP
ON
PYTHON PROGRAMMING

Easy 01	Extensible 07
Expressive 02	Embeddable 08
Free and Open Source 03	Interpreted 09
High-Level 04	Large Standard Library 10
Portable 05	GUI Programming 11
Object Oriented 06	Dynamically Typed 12

Duration: 10 days

Date of Commencement: 03/12/2019 to 13/10/2019

Timing: 10:00 am to 2:00 pm

Venue: Physics Department

All B.Sc (final year , Second year) Computer

Science(Optional)/Physics(interested) students are informed to attend the workshop without fail.

Head of Department

HEAD
Department of Physics
Karnatak Science College, Dharwad

PHOTOGRAPHS



Students are offering a bouquet to Principal Dr. C.F. Mulimani and Dr. G.H. Malimath.



Motivational speech by our beloved Principal, Dr.C.F.Mulimani



Mr. Abhishek, Vth -semester student, is welcoming Principal (Chief Guest) of and other staff members, Karnataka Science College, Dharwad

STUDENT ATTENDANCE LIST

KARNATAK UNIVERSITY'S
KARNATAK SCIENCE COLLEGE, DHARWAD
DEPARTMENT OF PHYSICS

TEN DAYS WORKSHOP ON PYTHON PROGRAMMING

(Date:03/12/2019 to 12/12/2019)

LIST OF STUDENTS REGISTERED FOR WORKSHOP

SL NO	Name of the Student	Class	Roll No.	Contact Number	Signature
1	Sonal. V. Wagh	II sem	332	6361553455	
2	shama. patil	B.Sc V sem	331	8971880740	
3	Megha. Tirapapur	B.Sc V sem	328	9148293390	
4	Archana. mugali	B.Sc V sem	326	8660379964	
5	Priya darabini. M.S.	B.Sc III sem	22	8431217832	
6	Pavitra Y. Hugar	B.Sc III sem	34	8105361746	
7.	Divyabherathi. T. G.	B.Sc III sem	412	7411931386	
8.	Valshnavi. S. Kammar	B.Sc III sem	410	9525066891	
9.	Shreedakshini. N. Bhoed	B.Sc III sem	39	9482933156	
10	Gayatri - V. Shetti	B.Sc III sem	05	8660611262	
11.	Swati. I. Hubballi	B.Sc III sem	14	9739891129	
12.	Shruti. S. Hegde	B.Sc III sem	02	9742610396	
13	Aditya kulkarni	B.Sc III sem	03	9513289161	
14	Pavan Desai	B.Sc III sem	10	8105596115	
15	Manjunnath Javali	B.Sc - V sem	279	9148994952	
16	shanta. b. kabbinad	B.Sc V sem	220	8197073309	
17	Shweta. I. Hugar	B.Sc V sem	287	9535407238	
18	Swati Khetade	B.Sc V sem	229	9591217635	
19	Sheela. M. Kaddipudi	B.Sc V sem	285	9164901332	
20	Akshata. M. Patil	B.Sc V sem	217	9035028027	

1) 2) 3)

Signature of the resource persons

Signature of the HOD

KARNATAK UNIVERSITY'S
KARNATAK SCIENCE COLLEGE, DHARWAD
DEPARTMENT OF PHYSICS

TEN DAYS WORKSHOP ON PYTHON PROGRAMMING

(Date:03/12/2019 to 12/12/2019)

Attendance Report

Name of the Student	Date 3/12	Date 4/12	Date 5/12	Date 6/12	Date 7/12	Date 8/12	Date 9/12	Date 10/12	Date 11/12	Date 12/12
Manjunath J. val	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
Shanta. b. kabbirad	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
Shweta T. Hugar	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
Swati Kulkarni	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
Ashwale. M. kaddipudi	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
Ashwata. M. Patil	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
Ashwini. H. Kamad	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
Shivamund. S.	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
Radhikamati. P. Angadi	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
Lakshmi. Y. G.	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
Gunika. S. Tirdi	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
Sushma. C. Bhadar	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
Smagata. Badiger	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
Nisha. B. Patil	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present

1) Keri 2) Patil 3) ...
Signature of the resource persons

Signature of the HOD

KARNATAK UNIVERSITY'S
KARNATAK SCIENCE COLLEGE, DHARWAD
DEPARTMENT OF PHYSICS
TEN DAYS WORKSHOP ON PYTHON PROGRAMMING
(Date:03/12/2019 to 12/12/2019)

Attendance Report

Name of the Student	Date 3/12	Date 4/12	Date 5/12	Date 6/12	Date 7/12	Date 8/12	Date 9/12	Date 10/12	Date 11/12	Date 12/12
Sonal. V. Wagh	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
Shama. Patil	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
Megha. Tirdapur	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
Ashwata. mugale	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
Rajiv. dhanashini. N.S.	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
Ravita. Y. Hugar	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
Divya. abhinit. G.	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
Vaishnavi. S. K.	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
Shreedakshai. N. Bhal	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
Gayatri. V. Shetti	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
Swati. T. Hubballi	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
Shweta. S. Hegde	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
Aishya. Kulkarni	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
Pavan. Desai	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present

1) Keri 2) Patil 3) ...
Signature of the resource persons

Signature of the HOD

KARNATAK UNIVERSITY'S
KARNATAK SCIENCE COLLEGE, DHARWAD

DEPARTMENT OF PHYSICS

TEN DAYS WORKSHOP ON PYTHON PROGRAMMING

(Date:03/12/2019 to 12/12/2019)

Attendance Report

Name of the Student	Date 3/12	Date 4/12	Date 5/12	Date 6/12	Date 7/12	Date 8/12	Date 9/12	Date 10/12	Date 11/12	Date 12/12
R. Vishnani	present	present	present	present	present	present	present	present	present	present
Shruti S. Madhav	present	present	present	present	present	present	present	present	present	present
Ankita Kamat	present	present	present	present	present	present	present	present	present	present
Neharika Y.S	present	present	present	present	present	present	present	present	present	present

1) 2) 3)
Signature of the resource persons

Signature of the HOD

KARNATAKA UNIVERSITY'S
KARNATAKA SCIENCE COLLEGE, DHARWAD
DEPARTMENT OF PHYSICS

Report on
Ten Days Workshop on Python Programming

(03/12/2019 to 12/12/2019)

Head, Department of Physics organized ten days workshop on python programming from 03-12-2019 to 12-12-2019. The objective of the workshop is to introduce the python language for B.Sc students to enhance their employability skills.

Python is high level and object oriented programming language. Python is considered as scripting language like ruby or Perl and is often used for creating web applications and dynamic web content. It is also supported by number of 2D and 3D imaging programs. Python has gained popularity because of its clear syntax and readability and English like commands that makes coding in python is lot easier and efficient. Python is much simpler, which leads to faster development and less mental overhead, this is why python is widely used in many of the multinational companies.

Topics covered during workshop:

1.Web applications: We can use Python to develop web applications. It provides libraries to handle internet protocols such as HTML and XML, JSON, Email processing, request, beautiful soup, Feed parser etc. It also provides Frameworks such as Django, pyramid, Flask etc to design and develop web based applications.

2.Desktop GUI Applications: Python provides Tk GUI library to develop user interface in python based application.

3.Software Development: Python is helpful for software development process. It works as a support language and can be used for build control and management, testing etc.

4.Scientific and Numeric: Python is popular and widely used in scientific and numeric computing. Some useful library and package are SciPy, Pandas, IPython etc.

5. Business Applications: Python is used to build Business applications like ERP and e-commerce systems.

6. Console Based Application: We can use python to develop console based applications for example IPython

7. Audio and video based application: Python is awesome to perform multiple tasks and can be used to develop multimedia applications. Some of real applications are: time player, CPlay, etc

8. 3D CAD Applications:

9. Enterprise applications: Python can be used to create applications, which can be used within an enterprise or an organization. Some of real time applications are: OpenERP, Tryton, Picalo etc.

10. Applications for images: using python several applications can be developed for image. Applications developed are: VPython, Gogh, imgseek etc.

The program was inaugurated by Dr. G.H. Mallimath, HOD, Department of Physics on 03-12-2019 at 11.00 am. Totally 32 students registered for this workshop. Every day 4 sessions of one hour duration, special lecture on the above mentioned topics were delivered. In the afternoon session of two hours duration students were given hands on training in the computer laboratory. The students were highly interactive during theory and practical sessions. All student participants enthusiastically attended theory and practical sessions. On 12-12-2019 at 04.00 PM, workshop was concluded by Dr. C.F. Mulimani, Principal, Karnatak Science College, Dharwad. All the participants were distributed attendance certificate during the occasion. Kum. Sushma, Mr. Shridhar, Miss Shanta and Miss Sonal presented their experiences on the workshop. All the participants expressed their gratitude to the HOD, Physics department and to Principal, Karnatak Science College, Dharwad for arranging the workshop. Our computer Science faculties Smt. Kavita Hooli, Miss Rashmi Nidagundi and Miss Kamakshi Katti attended the workshop as resource persons. Overall the ten days workshop on python programming was successful and satisfactory.

INVITATION

 **KARNATAK UNIVERSITY'S
KARNATAK SCIENCE COLLEGE
DHARWAD** 

INAUGURATION OF SCIENCE ASSOCIATION ACTIVITIES, 2019-20

Chief Guest
Shri Ravi Kulkarni
Director
93.5 Red FM Radio Station, Hubballi

President
Dr. C. F. Mullmani
Principal
Karnatak Science College
Dharwad

Venue : BCA Auditorium Date : 28-08-2019 Time : 11.30

Dr. L. T. Nayak Chairman Science Association	Dr. C. F. Mullmani Principal Karnatak Science College, Dharwad
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Student Secretaries

1. Kum. Vishakha V. Pawar	2. Kum. Mohammad Khaleel M.
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Study Circle Chairmans

Dr. C. G. Patil - Botany	Prof. (Smt.) Lalita R. Nalik - BCA
Dr. S. M. Tuwar- Chemistry	Dr. Ramdas- Criminology
Dr. G. N. Kummur- Geography	Dr. J. T. Gudagur - Geology
Dr. (Smt.) Jyoti Doddamani- Physics	Dr. (Smt.) A. S. Bellad - Zoology

All are cordially invited

PHOTOGRAPHS



Mr. Ravi Kulkarni, Director of 93.5 Red FM Radio station in Hubballi, inaugurated the programs.



Chief guest, other dignitaries, and students on the Dias performing Nadageete.



Staff and students of F the dais performing Nadageete.

6. ONE DAY PROGRAMME ON INTERNATIONAL YEAR OF PERIODIC TABLE:

29-08-2019

5

INVITATION

Karnatak University's

Karnatak Science College, Dharwad

Department of Chemistry

Inauguration of Madam Curie Chemistry Study Circle

Activities 2019-20

and

Celebration of International Year of the Periodic Table

(IYPT-2019)

DATE : 28-08-2019 **TIME : 2.30 PM**

VENUE : BCA Auditorium

YOU ARE CORDIALLY INVITED

IYPT-2019 PERIODIC TABLE

Colour denotes element group

- Alkali Metal
- Alkaline Earth
- Transition Metal
- Basic Metal
- Nonmetal
- Halogen
- Noble Gas
- Lanthanide
- Actinide
- Semimetal

Atomic Number

Atomic Mass

Symbol

Name

Lanthanide Series

Actinide Series

PHOTOGRAPHS



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



Participants listening the words of **Dr. Shivaprasad. S. M.** the Director of Higher Education Academy, Govt. of Karnataka

STUDENTS LIST:



Karnatak University's



Karnatak Science College, Dharwad

Inauguration of Madam Curie Chemistry Study Circle Activities 2019-20

And

Celebration of International Year of the Periodic Table (IYPT-2019)

Registration

Sl. No.	Register No.	Roll No.	NAME OF THE STUDENTS	Signature
1	19S10006	279	Abhishek Angadi	
2	19S10010	182	Afreen M Nalabandh	
3	19S10012	293	Afzal I. Ustad	
4	19S10014	183	Aishwarya B Savarkar	
5	19S10016	294	Ajay N. Charalingamath	
6	19S10019	269	Akhila I Gouli	
7	19S10021	184	Akshata U Jigalur	
8	19S10022	245	Akshata M Belief	
9	19S10024	185	Akshaya S Hospeti	
10	19S10025	295	Akshaykumar Lamani	
11	19S10030	186	Anand L. Savadatti	
12	19S10036	268	Anirudh A Kulkarni	
13	19S10042	246	Annapurna V Deshanoor	
14	19S10045	237	Anusha D Hurali	
15	19S10046	280	Anusha.N. Benakanalli	
16	19S10047	226	Anusha U Aralimarad	
17	19S10048	281	Apoorva Pawar	
18	19S10050	282	Arpita K Pujar	
19	19S10052	238	Aruna Patil	
20	19S10054	296	Ashwini Hosamani	
21	19S10057	270	Asma A Beediwale	
22	19S10069	187	Bhimavva Dotikal	
23	19S10070	283	Bhumika S Sarjapur	
24	19S10076	239	Chandrakala B Arenad	
25	19S10079	284	Chandrashekhar B. Munavalli	
26	19S10082	227	Chhaya Yaligar	
27	19S10088	228	Danamma C Magadum	
28	19S10089	271	Darshan D Mestri	
29	19S10090	229	Dasar B Bharatkumar	
30	19S10092	189	Deepa H Kooragund	
31	19S10097	272	Divya U Holeyachi	
32	19S10113	247	Guljarbasha M Kakar	
33	19S10116	230	Hafizkhanum Soudagar	
34	19S10123	297	Hema R. Doddamani	
	19S10351	393	Sneha Jadhav	
	19S10162	390	mahadevi. B. K.	

*Sl. No.	Register No.	Roll No.	NAME OF THE STUDENTS	Signature
35	19S10125	190	Huliraja M	H
36	19S10131	240	Jyoti R Enagi	Jyoti
37	19S10133	298	K P Akhila	K P Akhila
38	19S10140	231	Kavya M Karikai	Kavya
39	19S10145	273	Kiran V Hugar	Kiran
40	19S10149	191	Koustubh V Kari	K V Kari
41	19S10158	285	Maaz H Sanadi	Maaz
42	19S10164	192	Maheen H Tarihal	Maheen
43	19S10165	274	Maheknaz K Shaikh	Maheknaz
44	19S10169	193	Mahesh B Hoovinahadagali	Mahesh
45	19S10176	194	Manjula V Enagi	Manjula
46	19S10182	225	Marutigouda Patil	Marutigouda
47	19S10184	195	Megha Patil	Megha
48	19S10188	196	Mohan Doddamani	Mohan
49	19S10191	224	Muskan S Aragiddi	Muskan
50	19S10195	197	Nagaraj Kori	Nagaraj
51	19S10196	198	Nagaraj M	Nagaraj
52	19S10198	241	Najneen S Yaragudi	Najneen
53	19S10206	299	Neelakantha K Kattimani	Neelakantha
54	19S10215	199	Niranjana C Murari	Niranjana
55	19S10222	200	Pallavi F Bedasur	Pallavi
56	19S10227	201	Pavitra B Rangannavar	Pavitra
57	19S10229	203	Pavitra Y Pujeri	Pavitra
58	19S10233	204	Pooja H Sanadi	Pooja
59	19S10234	205	Poornima M Narasappanavar	Poornima
60	19S10235	300	Poornima Y. Rittikurubar	Poornima
61	19S10237	286	Poorvi S Patil	Poorvi (13)
62	19S10238	248	Prabhavathi B Bogur	Prabhavathi
63	19S10241	232	Pragati S	Pragati
64	19S10242	275	Pragati Joshi	Pragati
65	19S10243	206	Prajna U Kumata	Prajna
66	19S10244	207	Prajwal R Ganiger	Prajwal
67	19S10246	276	Pranita C Jigali	Pranita
68	19S10249	208	Prathiksha Honnappanavar	Prathiksha
69	19S10253	249	Priya S	Priya
70	19S10260	287	Radhika C Avaradhi	Radhika
71	19S10261	209	Raghavendra A Mokasi	Raghavendra
72	19S10264	233	Rahul G Bachadi	Rahul
73	19S10271	210	Rajeshwari D Kalasappanavar	Rajeshwari
74	19S10283	211	Sacheen S Chinnikatti	Sacheen
75	19S10287	212	Sadashiv G Santi	Sadashiv
	19S10197	391	Nagaveni . R. Kenganur	Nagaveni
	19S10985	215	Shivapriya B. Hismath	Shivapriya

Sl. No.	Register No.	Roll No.	NAME OF THE STUDENTS	Signature
76	19S10293	213	Sakshi K Patil	Patil
77	19S10309	288	Satyashree S Ganager	Ganiger
78	19S10310	234	Savita M Bagewadi	MB
79	19S10312	289	Sayam V Nayak	Sun
80	19S10316	214	Sharanabasava	Sharan
81	19S10321	235	Shilpa C Patgar	Shilpa
82	19S10327	242	Shivakumar A Shirashyad	AB
83	19S10328	301	Shivaleela B. Sanamani	Sanamani
84	19S10329	243	Shivani S Tonne	Tonne
85	19S10331	277	Shreenikethan P. Sirivant	Sirivant
86	19S10336	290	Shriraksha Ravi Adavi	SPA
87	19S10340	291	Shudmati S Taragar	AB
88	19S10354	278	Sneha M Rendale	Rendale
89	19S10356	217	Sony V	Sony
90	19S10363	250	Sukanya A Patil	Patil
91	19S10365	218	Sunita K Nyamagouda	Sunita
92	19S10376	219	Swati M Namastemath	Swati
93	19S10380	220	Tanzeela Tadkod	Tanzeel
94	19S10382	292	Thalavara Lakshmiputra	Thalavara
95	19S10383	221	Triveni Nayak	AB
96	19S10387	222	Vaibhavi Kulakarni	Vaibhavi
97	19S10395	244	Veena R	Veena R
98	19S10402	236	Vidyashree B	Vidyashree
99	19S10403	302	Vijay N Charalingamath	Vijay
100	19S10406	251	Vijayalaxmi Patted	Vijayalaxmi
101	19S10957	202	Pavitra Patil	Patil
102	19S10985	215	Shivapriya Hiremath	Shivapriya
103	19S12154	223	Vani Rahut	Vani
104	19S12420	188	Chalavadi Chaitra C.	Chalavadi
105	19S12601	181	Abhinandan Sarapure	Abhinandan
106	19S12752	216	Shrushti Lakkanagoudar	Shrushti

Sl. No.	Reg. No.	Roll No.	Name of Students	Signature
1	—	239	Amanamushraf J Haveri	T
2	19510280	240	Anjana I Kattimani	Def.
3	—	241	Chaitra Y H	T
4	191	242	Muskan S Aragiddi	Muskan
5	—	244	Anand G Kumbar	
6	047	245	Anusha U Aralimarad	Anusha
7	088	246	Danamma C Mugadum	Danamma
8	090	247	Dasar B Bharatkumar	D. Dasar
9	110	248	Kavya M Karikayi	Kavya
10	241	249	Pragati S	Pragati
11	264	250	Rahul G Bachadi	Rahul
12	310	251	Savita M Bagewadi	Savita
13	321	252	Shilpa C Patgar	Shilpa
14	350	253	Smitha V Kanakeri	Smitha
15	402	254	Vidyashree B	Vidya
16	045	255	Anusha D Hurali	Anusha
17	076	256	Chandrakala B Arenad	Chandra
18	131	257	Jyoti R Enagi	Jyoti
19	198	258	Najneen S Yaragudi	Najneen
20	207	260	Neelakanthagouda S Goudar	Neelaka
21	227	261	Shivakumar A Shirashyad	Shivaka
22	329	262	Shivani S Tonne	Shivani
23	—	263	Suman N Bhajantri	Suman
24	395	264	Veena R	Veena R
25	018	265	Ajitesh B Policepatil	Ajitesh
26	022	266	Akshata M Belief	Akshata
27	042	267	Annapurna V Deshanoor	Anna
28	—	268	Deepti A	Deepti
29	113	269	Guljarbasha M Kakar	Guljar
30	206	270	Neelakantha K Kattimani	Neelaka
31	238	271	Prabhavathi B Bogur	Praba
32	257	272	Priya S	Priya
33	—	273	Vijaylaxmi Patted	Vijaya
34	—	274	Sachin K Choori	Sachin
35	263	275	Sukanya A Patil	Sukanya
36	013	290	Ahan A S	Ahan
37	—	291	Divya S Guggari	Divya
38	120	292	Harsha M Belif	Harsha
39	128	293	Jayalaxmi B Hugar	Jayalax
40	224	294	Parvati Y Jagadappanavar pcm	Parvati
41	296	295	Sanavulla K H	Sanavulla

REPORT:

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, BharatnaRatna 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

1. CFTRI, and CIPET, Mysore.
2. Mangalore Petro Chemicals Ltd., Mangalore
Mangalore Chemicals & Fertilizers Ltd. Mangalore
3. Renuka Sugars, Gokak
4. TSS, Beetal Nut Processing Industry's Sirsi and
Pineapple Jam Factory, Banavasi
5. E.I.D. Parry's Sugar Industries, Haliyal.

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

Teacher Team Leader

- Dr. R.G. Kalkhambkar
Dr. S.D. Dhumwad
Dr. V. A. Aminabhavi
Dr. O. Kotresh
Dr. K.S. Katagi

Periodic Table of the Elements


1 H Hydrogen 1.008																	2 He Helium 4.003
3 Li Lithium 6.941	4 Be Beryllium 9.012											5 B Boron 10.811	6 C Carbon 12.011	7 N Nitrogen 14.007	8 O Oxygen 15.999	9 F Fluorine 18.998	10 Ne Neon 20.180
11 Na Sodium 22.990	12 Mg Magnesium 24.305											13 Al Aluminum 26.982	14 Si Silicon 28.086	15 P Phosphorus 30.974	16 S Sulfur 32.064	17 Cl Chlorine 35.453	18 Ar Argon 39.948
19 K Potassium 39.098	20 Ca Calcium 40.078	21 Sc Scandium 44.956	22 Ti Titanium 47.867	23 V Vanadium 50.942	24 Cr Chromium 51.996	25 Mn Manganese 54.938	26 Fe Iron 55.845	27 Co Cobalt 58.933	28 Ni Nickel 58.693	29 Cu Copper 63.546	30 Zn Zinc 65.38	31 Ga Gallium 69.723	32 Ge Germanium 72.631	33 As Arsenic 74.922	34 Se Selenium 78.972	35 Br Bromine 79.904	36 Kr Krypton 83.798
37 Rb Rubidium 85.468	38 Sr Strontium 87.62	39 Y Yttrium 88.906	40 Zr Zirconium 91.224	41 Nb Niobium 92.906	42 Mo Molybdenum 95.95	43 Tc Technetium 98.907	44 Ru Ruthenium 101.07	45 Rh Rhodium 102.906	46 Pd Palladium 106.42	47 Ag Silver 107.868	48 Cd Cadmium 112.411	49 In Indium 114.818	50 Sn Tin 118.710	51 Sb Antimony 121.760	52 Te Tellurium 127.6	53 I Iodine 126.904	54 Xe Xenon 131.294
55 Cs Cesium 132.905	56 Ba Barium 137.328	57-71 Lanthanides	72 Hf Hafnium 178.49	73 Ta Tantalum 180.948	74 W Tungsten 183.84	75 Re Rhenium 186.207	76 Os Osmium 190.23	77 Ir Iridium 192.217	78 Pt Platinum 195.085	79 Au Gold 196.967	80 Hg Mercury 200.592	81 Tl Thallium 204.383	82 Pb Lead 207.2	83 Bi Bismuth 208.980	84 Po Polonium [209]	85 At Astatine 209	86 Rn Radon 222
87 Fr Francium [223]	88 Ra Radium 226.025	89-103 Actinides	104 Rf Rutherfordium [261]	105 Db Dubnium [262]	106 Sg Seaborgium [266]	107 Bh Bohrium [264]	108 Hs Hassium [269]	109 Mt Meitnerium [268]	110 Ds Darmstadtium [269]	111 Rg Roentgenium [272]	112 Cn Copernicium [277]	113 Nh Nihonium [284]	114 Fl Flerovium [289]	115 Mc Moscovium [288]	116 Lv Livermorium [293]	117 Ts Tennessine unknown	118 Og Oganesson unknown
57 La Lanthanum 138.905	58 Ce Cerium 140.116	59 Pr Praseodymium 140.908	60 Nd Neodymium 144.242	61 Pm Promethium 144.913	62 Sm Samarium 150.36	63 Eu Europium 151.964	64 Gd Gadolinium 157.25	65 Tb Terbium 158.925	66 Dy Dysprosium 162.500	67 Ho Holmium 164.930	68 Er Erbium 167.259	69 Tm Thulium 168.934	70 Yb Ytterbium 173.055	71 Lu Lutetium 174.967			
89 Ac Actinium 227.028	90 Th Thorium 232.038	91 Pa Protactinium 231.036	92 U Uranium 238.029	93 Np Neptunium 237.048	94 Pu Plutonium 244.064	95 Am Americium 243.061	96 Cm Curium 247.070	97 Bk Berkelium 247.070	98 Cf Californium 251.080	99 Es Einsteinium [254]	100 Fm Fermium 257.095	101 Md Mendelevium 258.1	102 No Nobelium 259.101	103 Lr Lawrencium [262]			


Alkali Metal	Alkaline Earth	Transition Metal	Basic Metal	Semimetal	Nonmetal	Halogen	Noble Gas	Lanthanide	Actinide
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**6.ONE DAY WORKSHOP ON RESEARCH FACILITY TRAINING PROGRAMME
(RFTP) FOR RESEARCH SCHOLARS**

INVITATION:

6

 **Karnatak University's**
KARNATAK SCIENCE COLLEGE, DHARWAD
ONE DAY WORKSHOP ON
“RESEARCH FACILITY TRAINING PROGRAMME (RFTP)
FOR RESEARCH SCHOLARS”
Under SERB Scientific Social Responsibility (SSR) Activity




Science and Engineering
Research Board (SERB)

Chief Guest
Prof. R. F. Bhajantri
Professor of Physics & Former PI, DST SERB Project
K. U. Dharwad

Resource Person
Mr. Paul Royan
Chief Engineer, DAK System Inc.,
Mumbai, India

President
Dr. C. F. Mulimani
Principal, Karnatak Science College, Dharwad

Organized By
Dr. Saraswati P. Masti
Principal Investigator
SERB Major Research Project
Department of Chemistry
Karnatak Science College, Dharwad

Date: 21.11.2019 **Time: 10:30 am**

Venue
C-5 Hall and DST-SERB Research Laboratory,
Department of Chemistry, Karnatak Science College, Dharwad

All Research Scholars and Faculty Members are cordially invited

REPORT:

One day workshop on “Research Facility Training Programme for Research Scholars” under SERB Scientific Social Responsibility (SSR) activity has been organised by Dr. Saraswati Masti, Principal investigator of SERB major research project (No. EMEQ-213/2014), at Department of Chemistry, Karnatak Science College, Dharwad on 21st November 2019.

The Science and Engineering Research Board (SERB) has sanctioned major research project entitled “Physico-chemical and mechanical properties of ternary blend films for food packaging applications” to Dr. Saraswati Masti. Total cost of the project is Rs. 41,92,144/-. Under non-recurring grant Dr. Saraswati Masti procured major equipment, Universal Testing Machine (UTM) to investigate mechanical properties of polymeric materials.

One day workshop is organised to voluntarily contribute the knowledge and research facilities developed by Dr. Saraswati Masti with financial support of SERB, to benefit the researchers belonging to Universities and neighbouring institutions which are less endowed in scientific resources as part of social responsibility. Research scholars, working in the field of polymer science and faculty members of chemistry are actively participated in the one day workshop.

Registration to the workshop started at 10.00 am and research scholars registered their names in the registration counter and collected writing pad and a pen. Inauguration function began at 11.00 am. Dr. Saraswati Masti, Organizer of one day workshop delivered welcome and formal speech. She welcomed Chief Guest Prof. R. F. Bajantri and President, Dr. C. F. Mulimani by offering bouquet as a token of love and respect. Chief Guest of inaugural function Prof. R. F. Bajantri, Department of Physics, K. U. Dharwad formally inaugurated the workshop by lightening the lamp and addressed the gathering. He opined that sharing of developed instrumental facility and resources with researchers of neighbouring Universities and institutions would be an effective way to analyse the need of the scientific community and also helps to connect between science and society. President, Dr. C. F. Mulimani in his presidential remarks opined that in the present scenario exchanging of research ideas and instrumental facilities with young researchers of surrounding institutions would leads to collaborative research and enhance the overall scientific research capability of the nation. Mr. shivayogi Narasagoudr, Project Assistant, SERB project proposed vote of thanks and Veena Hegde compiled the programme.

Prof. R. F. Bhajantri, Professor, Department of Physics, Karnatak University, Dharwad delivered Keynote address on “Multifunctional Properties of Polymeric Materials”. Prof. Bhajantri in his talk elaborately discussed optical, electrical thermal, mechanical and microstructural properties of polymeric materials and interpreted these properties with

applications of polymeric materials in various fields. He also highlighted the importance of polymeric material and polymer blending in present scenario. Research scholars actively interacted with Prof. Bhajantri and clarified their queries and doubts, which they experienced during their research and research scholars appreciated and thanked Prof. Bhajantri for giving informative talk.

Lunch was arranged to the participants in the Physical Chemistry laboratory, Department of Chemistry, Karnatak Science College, Dharwad. Participants enjoyed the lunch and reassembled in the Dr. Saraswati Masti, Instrumental laboratory for technical session. Universal Testing Machine (UTM) Demonstration was made by Mr. Shivayogi Narasagoudr, Project Assistant, SERB major research project. Participants get exposed to UTM handling, extraction of data and various technical aspects of UTM during technical session.

Soon after the tea break valedictory function was organised. Dr. Saraswati Masti welcomed the gathering and summarized the workshop. Participants in their feedback expressed their gratitude to Dr. Saraswati P. Masti for organising such a beneficial workshop, which enriched their knowledge and provided an opportunity to research scholars to expose to research facilities available in SERB grantee's laboratory to access during their research period and also promoted their interest and encouragement in the socio-scientific responsibility activities.

7. One day workshop on “Embedded system development using 8051 Controller”

PICTURE TAKEN DURING THE WORKSHOP



Welcoming chief guest **Prof S R Inamadar. Coordinator Depf of Electronics,KUD, Dr.C.F.Mulimani.principal karnatak science collage dharwad andDr.G.H. Mallimath head of department(physics)**



Visit to electronics lab



Practical session of the workshop



Theory session of workshop

Dept. of Physics/Electronics
Karnatak Science College Dharwad
Dept. of Electronics
K.U.D

Jointly organized

One-Day Workshop on
"Embedded system development using 8051 controller"
Inaugural function

Chief Guest: Prof S R Inamadar.

Coordinator Depf of Electronics, KUD

Guest of Honor: Dr C.F.Muliman.

Principal Karnatak Science College

President: Dr. G H Mallimath.

Karnatak Science College Dharwad.

Resource Person: Faculty of Dept. of Electronics KUD.

Faculty of Dept. of Electronics KCD.

All are cordially invited

Date:01-02-2020

Time:09.30am-05.00pm

Venue: Electronics Laboratory

Coodinator

Einstein study circle Department of Physics/Electronics, Karnatak Science College in association with P.G. Department Of Electronics, Karnatak University Dharwad had conducted one day workshop on "Embedded System Development using 8051 Microcontroller" on 1/2/2020 in Dept Physics/Electronics Karnatak Science College Dharwad.

Objective of the workshop is

1. Providing knowledge about basic functions and applications of Embedded systems.
2. Designing, Testing and Debugging of Embedded Projects.

An embedded system is an electronic or computer system which is designed to control, access the data in electronics based systems. Embedded system comprises

a single chip microcontroller such as ARM, Cortex, FPGAs, microprocessors and DSPs. In the present time the usage of embedded system is widespread. Embedded systems have a vast variety of application domains, the some of the applications are

- Embedded systems are widespread in consumer, industrial, commercial and military applications.
- Telecommunications systems employ numerous embedded systems from telephone switches for the network to mobile phones at the end-user.
- Transportation systems from flight to automobiles increasingly use embedded systems. New airplanes contain advanced avionics such as inertial guidance systems and GPS receivers that also have considerable safety requirements. Various electric motors — brushless DC motors, induction motors and DC motors — use electric/electronic motor controllers.
- Automobiles, electric vehicles, and hybrid vehicles increasingly use embedded systems to maximize efficiency and reduce pollution. Other automotive safety systems include anti-lock braking system (ABS), Electronic Stability Control (ESC/ESP), traction control (TCS) and automatic four-wheel drive.

The tools and hardware used in the workshop to program 8051 and to interface I/O ports.

Tools used:

1. Kiel.

- supports over 3200 devices
- Software building blocks: CMSIS, middleware components.
- Out of the box support for many development boards.
- Connects to third-party debug adapters.
- ULINK family of debug and trace adapters.

This is the main software which is used to write a program and compilation, which results hex file.

2. SST Flash:

This is software which is used to load the code in microcontroller, which has been generated by Kiel.

Hardware Used:

1. 89V51RD
2. 8051 Target Board.
3. LED Breakup Board
4. Stepper Motor
5. RS-232.
6. L293 Driver.

Topics covered in the workshop are:**1. Introduction to 8051 and embedded system.**

The 8051 is a 8-bit microcontroller planned by Intel. It was advanced for math and single Boolean operations. Its family MCS-51 incorporates 8031, 8051 and 8751. The 8051 microcontroller comprises of CPU, two sorts of memory segments, data and output ports, uncommon capacity registers and control logic required for different Peripheral functions. These components communicates with 8-bit information BUS and Bus is Buffered to the outside through an I/O port when memory is fancied.

2. I/O ports interfacing and programming.

8051 microcontrollers have 4 I/O ports each of 8-bit, which can be configured as input or output. Hence, total 32 input/output pins allow the microcontroller to be connected with the peripheral devices.

Pin configuration, i.e. the pin can be configured as 1 for input and 0 for output as per the logic state.

Input/Output (I/O) pin – All the circuits within the microcontroller must be connected to one of its pins except P0 port because it does not have pull-up resistors built-in.

Input pin – Logic 1 is applied to a bit of the P register. The output FE transistor is turned off and the other pin remains connected to the power supply voltage over a pull-up resistor of high resistance.

3. Introduction to 8051 timer.

There are two 16-bit timers and counters in [8051 microcontroller](#): timer 0 and timer 1. Both timers consist of 16-bit register in which the lower byte is stored in TL and the higher byte is stored in TH. Timer can be used as a counter as well as for timing operation that depends on the source of clock pulses to counters.

Counters and Timers in 8051 microcontroller contain two special function registers: TMOD (Timer Mode Register) and TCON (Timer Control Register), which are used for activating and configuring [timers and counters](#).

4. Application of 8051 timer.

The modules interfaced in the workshop session are:

- LED breakup board Interfacing has done with Normal Delay and delay Generated using Timer.
- Stepper Motor Interfacing: The stepper motor is interfaced with 8051 using program, which is used to rotate the motor in clockwise and anticlockwise direction.

Prof.S.RInamdar co-ordinator,P.G Dept of electronics karnatak university dharwad inaugurated the workshop. The principal Dr C.F Mulimani graud the occasion. Dr. Malimath.HOD ,dept of physics KCD introduced the guest. Dr. Blaise Lobo addresses the student regarding technological importance and industrial application of microcontroller. Prof.S.RInamdar motivated the students about the research and industrial applications of embedded systems.

The inaugural function was followed by technical session Shri Ravi Lingangoudar and team briefed about the embedded system and working of 8051 microcontroller and gave hands on training on interfacing of microcontroller 8051 to students of B.Sc VI semester (ele).

The workshop was concluded with valedictory function where the students gave feedback and expressed their view regarding workshop. The certificate for the students was distributed at the end of the event.

2018-19

Sl. No	Name of the workshop/ seminar/ conference	Number of Participants	Date From – To
2018-19 :07			
1	One day Workshop on “UG Chemistry Practical techniques, performance, evaluation and guidelines”	229	22-06-2018
2	One day workshop on “nuclear energy for empowering future” (NEEF-2018)	208	07-08-2018
3	25th Annual Convention A silver Jubilee Celebration		10-02-2018
4	Two Days Workshop on “Industry Oriented Training”	52	19-03-2019
5	One day Seminar on Recent Advances in Science and Technology	200	15-09-2018
6	One day Trining Programe for placement	195	25-03-2019
7	How To Crack Civil Service Examinations And How To Face Interview-Preparation for Competative Examination How to Face Interview	70	26-03-2019



Karnatak University's,
KARNATAK SCIENCE COLLEGE, DHARW.

NAAC Accredited

Phone No: 0836-2215410 & 2215400 Fax: 0836-2744334

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




- ONE DAY WORKSHOP:** on UG Chemistry Practical techniques, performance, evaluation and guidelines

22-06-2018

1

INVITATION




Karnatak University's



Karnatak Science College, Dharwad


ONE DAY WORKSHOP
on
UG Chemistry
Practical Techniques, Performance Evaluation
& Guidelines



Chief Guest
Prof. Pramod B. Gai
Honorable Vice-Chancellor
Karnatak University, Dharwad
President
Dr. C. F. Mulimani
Principal

Venue: BCA Auditorium Date: 22-06-2018 Time: 10.00 AM - 5.30 PM

YOU ARE CORDIALLY INVITED



PHOTOGRAPHS



Prof. Pramod B. Gai, Vice Chancellor, Karnatak University, Dharwad inaugurating one day Workshop on *UG Chemistry Practical techniques performance evaluation and guidelines*

REPORT:

ONE DAY WORK-SHOP ON "UG CHEMISTRY PRACTICAL TECHNIQUES, PERFORMANCE EVALUATION & GUIDELINES"



Karnatak Science College Dharwad, organized one day workshop on “UG Chemistry Practical Techniques, Performance Evaluation & Guidelines” in collaboration with Dept. of Chemistry, Karnatak Science College Dharwad and Chem Forum on its centenary celebrations on 22nd June 2018 at BCA Auditorium. More than 79 Teachers have been registered from all science colleges affiliated Karnatak University Dharwad and about 150 people including our college students and staff attended all the scientific sessions. The programme started with the prayer song by B.Sc. III Semester student of our college, Ms. Shraddha Murshilli. The Honourable Vice-Chancellor, Karnatak University, Dharwad Prof. Pramod B. Gai inaugurated the activities by lighting the lamp and released the book entitled "Comprehensive B.Sc. Chemistry Laboratory Manual" and also launched newly designed web-site of Karnatak Science College, Dharwad. He appreciated the Cham- Forum- a vibrant body of chemistry teachers for their concern and care towards the zeal of updating student community. He proudly declared that "Comprehensive B.Sc. Chemistry Laboratory Manual" book published by Chem Forum would be a hand book for B.Sc. Chemistry and allied course in Chemistry experiments, which is financially supported (Printing expenses of 150 copies of said Book containing 300 pages) by Karnatak Science College as its memory of Centenary celebrations. The said books are donated to all the colleges 02 each for the sweet memory of centenary celebration of KCD: 2017-18 with the motto. "Quality Education For All". Our Principal Dr. C.F Mulimani presided over the function, earlier to this Dr. S. M. Tuwar, the President of Chem-Forum-2017-18 welcomed the gathering and also gave the formal speech. Vice President of Chem-Forum-2018, Dr. H. Y. Meharwade gave brief account of the book. Dr. K. S. Katagi introduced the Chief Guest and Dr. (Smt.) V. A. Aminabhavi, the Head Dept. of Chemistry proposed the vote of thanks. Dr. (Smt) M. S. Salunke was master of ceremony. In three scientific sessions. The Chairpersons of Inorganic, Physical and Organic sections Dr Smt. Manjali S. Salunke, Dr. S.M. Tuwar of Karnatak Science College and Dr. Venkatesh Mutalik of JSS College, Dharwad respectively discussed the procedures in brief along with preparation of various solutions required for the experiments, instructions regarding cleaning of glass apparatus, and maintaining the laboratory and motivated young budding teachers to follow the procedures and conduct practicals. We place on record with gratitude the help and unconditional support rendered by all teachers, non-teaching staff, teaching assistants, and research scholars.

2. ONE DAY WORKSHOP : NUCLEAR ENERGY FOR EMPOWERING FUTURE (NEEF)



07-08-2018

INVITATION

2

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

MADAM CURIE CHEMISTRY STUDY CIRCLE (MCSC), DEPT. OF CHEMISTRY,
KARNATAK SCIENCE COLLEGE, DHARWAD AND



"NUCLEAR POWER CORPORATION LTD."
KAIGA, UTTAR KANNADA

JOINTLY ORGANISE

ONE DAY WORKSHOP ON
"NUCLEAR ENERGY FOR EMPOWERING FUTURE (NEEF)"

FOR B.Sc. STUDENTS

Inauguration by
Prof. P. B. Gai
Chief Patron & Chief Guest
Hon'ble Vice Chancellor,
Karnatak University, Dharwad

Guest of Honour & Key Note Speaker
Prof. B. L. Tembe
Dept. of Chemistry,
Indian Institute of Technology, Dharwad

President
Dr. C. F. Mulimani
Patron and Principal, Karnatak Science College,
Dharwad

Date: 7th August 2018 **Time: 10.30am**
Venue : BCA Auditorium, Karnatak Science College, Dharwad

All are cordially invited

Dr. V.A.Amminbhavi Convener and HOD, Chemistry	Shri. Nagaraj Nayak Scientist, NPCL, Kaiga, Karnataka	Dr. S.D. Dhumwad Organizing Secretary and Chairman Madam Curie Chemistry Study Circle
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PROGRAMME : 7th AUGUST 2018

10.30 to 11.00 am **INAUGURAL FUNCTION**

11.00 to 11.45 am **Keynote Address:**
Prof. B. L. Tembe
Indian Institute of Technology (IIT),
Dharwad
Topic : "Recent Advances in Chemical
Sciences"

11.45 to 12.00 noon **TEA BREAK**

12.00 to 1.30 pm **TECHNICAL SESSION - I**
Shri. Nagaraj Nayak,
Scientist, NPCL, Kaiga, Karnataka
Topic : "Awareness about Nuclear Power
Plant and Applications of Radio Isotopes"

1.30 to 2.15 pm **LUNCH BREAK**

2.15 to 3.15pm **TECHNICAL SESSION-II**
Shri. Nagaraj Nayak,
Scientist, NPCL, Kaiga, Karnataka
Topic : "Environmental Survey
Laboratories Functions and Transuranium
Elements"

3.15 to 4.15pm **TECHNICAL SESSION-III**
Shri. R.M.Joshi
Scientist, NPCL, Kaiga, Karnataka
DEMONSTRATION ON : "Nuclear
Power Plants"

4.15 to 4.45 pm **VALEDICTORY FUNCTION**

Organizing Committee

Dr.(smt). M. S. Salunke	Dr. S. M. Tuwar	Dr. O. Kotresh
Dr.R. G. Kalkhambkar	Dr.(smt). Jayalaksmi K.	Dr. K. S. Katagi
Dr(Smt).S.P. Masti	Dr. Rajappa S.K.	

All the faculty Members of Chemistry Department

PHOTOGRAPHS



Dr. (Smt.) Saraswati Masti welcomes the guests and audience on the occasion of the One-Day Workshop on "Nuclear Energy for Empowering the Future" (NEEF-2018).



Key note address by Prof. B.L.Tembe ,IIT,Dharwad



Staff and students of the college are participating in the singing of the National Anthem.

STUDENTS ATTENDANCE LIST

KARNATAK UNIVERSITY'S
KARNATAK SCIENCE COLLEGE, DHARWAD
DEPARTMENT OF CHEMISTRY

One-day Workshop on 07-08-2018 under Madam Curie Study Circle for BS.c.V semester:
DIVISION-A

Sl.No.	Reg. No.	Roll No.	Name of the Student	Mobile Number	Signature	Remarks
1	16S10001	172	Abdulrajak. Bagawan	9535298287	<i>[Signature]</i>	CZIF CBGn - paid
2	16S10002	40	Abhishek. N			
3	16S10005	213	Adarsh. Amatennavar	9123079551	<i>[Signature]</i>	PCM Paid
4	16S10011	167	Aishwarya. Hiremath			
5	16S10012	166	Aishwarya. Chintoonavar	974219738	<i>[Signature]</i>	CZCN
6	16S10017	214	Akshata. Dodawad	7795828815	<i>[Signature]</i>	PCM
7	16S10020	134	Akshata. Sheelavantar	9743597484	<i>[Signature]</i>	CGG
8	16S10026	216	Anand. Nayak			
9	16S10032	217	Anupama. Manglenavar	9164093208	<i>[Signature]</i>	PCM
10	16S10034	149	Anusha. Desai	9481574591	<i>[Signature]</i>	Paid
11	16S10039	218	Asadullasha. Mankanadar	7619690069	<i>[Signature]</i>	PCM
12	16S10044	135	Basavaraj	9816161106	<i>[Signature]</i>	paid
13	16S10049	150	Bhimappa. Kolyar	7204613432	<i>[Signature]</i>	CZFC
14	16S10052	173	Bhushan. Uppar			
15	16S10053	151	Bhuvanesh. H. M.	9611105167	<i>[Signature]</i>	CZFC
16	16S10056	32	Bibi Ayesha Nargund	7795750035	<i>[Signature]</i>	CBG
17	16S10059	219	Chaitra. Menasimakai	85916568849	<i>[Signature]</i>	PCM
18	16S10061	220	Chandraraj Sagabala	8869894659	<i>[Signature]</i>	PCM
19	16S10062	41	Charles	8746816919	<i>[Signature]</i>	CBGn Paid
20	16S10071	221	Divya. Naik			
21	16S10072	152	Durvc Ravi			
22	16S10074	215	Akshata. G	7892406845	<i>[Signature]</i>	PCM
23	16S10075	139	Satyappa.G	2204225623	<i>[Signature]</i>	paid
24	16S10076	33	Ganga Muttagi	1972010422	<i>[Signature]</i>	CBGn
25	16S10079	222	Geeta. Konraddi			
26	16S10080	174	Gopal. Holamani	7406829287	<i>[Signature]</i>	CZFC
27	16S10081	223	Goutami. Badiger	9123380989	<i>[Signature]</i>	PCM
28	16S10086	177	PrashanthKumar. H	9611400000	<i>[Signature]</i>	CZIF - paid
29	16S10087	34	Hanamangouda			
30	16S10088	224	Hanamanth M			
31	16S10093	153	Indumati. Madiwalar			
32	16S10097	225	Jayanth. Konraddi	8884095891	<i>[Signature]</i>	PCM
33	16S10100	226	Jyoti. Kalawad	9739303656	<i>[Signature]</i>	PCM
34	16S10105	136	Kavita. Channalli	7090573174	<i>[Signature]</i>	CGG
35	16S10106	227	Kavita. Gadagin	9000009038	<i>[Signature]</i>	PCM
36	16S10113	229	Koushik. Pandit	9964719889	<i>[Signature]</i>	PCM
37	16S10114	137	Krishna. Uppar	8792237359	<i>[Signature]</i>	CGG
38	16S10117	168	Mahantesh. Kurubar	7996678514	<i>[Signature]</i>	CGG

Sl.No.	Reg. No.	Roll No.	Name of the Student	Mobile number	Signature	Remarks
39	16S10122	154	Malatesh. Prabhannavar	7482192666	<i>[Signature]</i>	Paid
40	16S10123	35	Malatesharaddi. Goravi	8971397249	<i>[Signature]</i>	Paid
41	16S10124	230	Mallanagoud. Patil	8867977034	<i>[Signature]</i>	K.C.D. (PCM)
42	16S10126	231	Mallikarjun. Chippalakatti			Paid
43	16S10130	138	Manjappa. Patil	8050176917	<i>[Signature]</i>	Paid
44	16S10131	42	Manjula. Kambi	9035290988	<i>[Signature]</i>	CBGen
45	16S10133	175	Manjunath. T	9108619153	<i>[Signature]</i>	CZIF
46	16S10136	155	MANJUNATH NAIK	9790927337	<i>[Signature]</i>	CZIF
47	16S10140	156	Maruthi. Chalageri	8495979277	<i>[Signature]</i>	CZIF
48	16S10142	43	Maruti. Akkalagi			
49	16S10144	232	Megha. Bangari	8867943501	<i>[Signature]</i>	PCM
50	16S10147	233	Megha. Talikoti			
51	16S10151	176	Misba. Khan	7625036696	<i>[Signature]</i>	CZIF
52	16S10155	157	Nagaraj. Karlingannanavar			Paid
53	16S10158	234	Nagaveni. Marasagayyanavar			
54	16S10160	235	Namrata. Mundargi	8660955516	<i>[Signature]</i>	PCM
55	16S10161	236	Namrata. Phadke		<i>[Signature]</i>	Paid
56	16S10164	237	Naveen. Mudnur	9164292082	<i>[Signature]</i>	Paid
57	16S10167	169	Neelambika. Telgar	9980420736	<i>[Signature]</i>	CZGen
58	16S10168	170	Neha. Managuli			Paid
59	16S10171	238	Netravati. Hallur	9900335256	<i>[Signature]</i>	PCM
60	16S10172	36	Nidafreen. Mulla	7795718233	<i>[Signature]</i>	CBG.
61	16S10173	239	Nirmala. Lamani	9535361438	<i>[Signature]</i>	PCM
62	16S10174	44	Nitihisha. Bannimatti			
63	16S10176	240	Nivedita. Timmanagoudra	9731821395	<i>[Signature]</i>	PCM
64	16S10180	241	Pavan. Sabnis	909841081	<i>[Signature]</i>	PCM
65	16S10186	45	Pooja Joshi	9611904300	<i>[Signature]</i>	CBGen
66	16S10191	242	Pooja. Benteor			
67	16S10204	46	Preeti. Sollapure	9343502968	<i>[Signature]</i>	CBGen
68	16S10205	243	Preeti. Hottigoudra			
69	16S10208	244	Priya. Darur	9972401864	<i>[Signature]</i>	PCM
70	16S10216	245	Raghavi. Rathakar	9449533527	<i>[Signature]</i>	PCM
71	16S10217	246	Rahul. Karoshi	7899048943	<i>[Signature]</i>	Paid
72	16S10221	37	Rajesh. Choudi			
73	16S10222	178	Rajeshwari. Garag	7406675764		Paid (CZIF)
74	16S10223	247	Rajeshwari. Hliliyal	9972389763	<i>[Signature]</i>	PCM
75	16S10226	248	Raju. Dodamani			
76	16S10227	249	Rakesh. Byadgi			Paid
77	16S10228	250	Rakesh. Unni	9901482283	<i>[Signature]</i>	Paid
78	16S10239	251	Ratna. Chinnappanavar	9686177587	<i>[Signature]</i>	PCM
79	16S10241	47	Ravi. Biradar	9741023401	<i>[Signature]</i>	CBGen
80	16S10243	252	Renuka. Hoonkali	9071250625	<i>[Signature]</i>	PCM
81	16S10246	253	Rohini. D. G.	9108665107	<i>[Signature]</i>	PCM

Dudakhalandar R.P 7259839553 ~~Subsidy~~ Paid.

Sl.No.	Reg. No.	Roll No.	Name of the Student			
82	16S10247	158	Rudramuny Mutagi			Paid
83	16S10251	254	Sahana. Kulkarni	9986677182	sk	PCM
84	16S10256	255	Sandhya. Channagiri	9538747049	Sandhya	PCM
85	16S10262	256	Sanjeev. Bandivada	8152801863	(Smb)	Paid
86	16S10263	159	Santoshkumar. Hiremath	8296836163	sk	CZFS
87	16S10264	48	Santoshkumar. Gataraddi	8217408951	sk	CBGen
88	16S10265	257	Sapana. Gundar	9108390267	Sapana	PCM
89	16S10269	259	Savita. Lamani	8030433810	Savita	PCM
90	16S10270	258	Savita. I. Pujer		sk	Paid
91	16S10271	160	Savitri. Byagadi			Paid
92	16S10284	260	Shilpa. Pujar	9380112575	Sujar	PCM
93	16S10286	49	Shivananda. K. D			
94	16S10292	261	Shreedevi Kandki			
95	16S10299	50	Shubha. Khatawkar	7204544818	Shubha	CBGen
96	16S10304	262	Shweta. Marjedi	8095850261	Shweta	PCM
97	16S10308	263	Shwetaha. Janagi	9902339877	Shweta	PCM
98	16S10309	161	Sidda. Sumangali			
99	16S10312	162	Sneha Shrikar	88123049816	sk	CZFS
100	16S10313	264	Sneha. Tayammanavar	7816024169	sk	PCM
101	16S10318	163	Sudha. Doddamani	7795778748	sk	CZFS.
102	16S10320	179	Sujatha. Kattimani	8050013746	Sujatha	CZIF
103	16S10323	164	Sumangala. Unnibhavi	9538825129	Suma	Paid
104	16S10326	38	Suneel. Bisanalli			
105	16S10327	265	Sunil. Kannanaykanvar	8123529101	sk	Paid
106	16S10336	180	Suresha. Nayak	8970319309	sk	CZIF (paid).
107	16S10337	266	Susheelkumar. Ainalli	9481905119	sk	Paid
108	16S10338	181	Sushma Kittur	7406662598		paid (CZIF)
109	16S10339	51	Sushma. Tavare	9740059522	Sushma	CBGen
110	16S10340	267	Susmita. Benakatti	7004076930	sk	PCM
111	16S10341	268	Suvarna. Kokati	8550871068	sk	PCM
112	16S10345	228	Kedara Shivasharma .T	8277034086	sk	PCM.
113	16S10350	52	Tejaswini. Kulkarni	9590169987	TK	CBG
114	16S10351	269	Tippanna. Chikanal			
115	16S10353	171	Umesh. Bandivaddara			Paid
116	16S10356	165	Ventela. Afrin	8150941423	sk	CZIF.
117	16S10369	270	Vijayraj. Kambale	9482695528	sk	Paid
118	16S10380	39	Yallappa. Gugri			Paid
119	16S10382	271	Yashodha. Kumbhar	9480481302	sk	Paid

KARNATAK UNIVERSITY'S
KARNATAK SCIENCE COLLEGE, DHARWAD
DEPARTMENT OF CHEMISTRY

One-day Workshop on 07-08-2018 under Madam Curie Study Circle for BS.c.V semester st
DIVISION-B

Sl.No.	Reg. No.	Roll No	Name of the Student	Mobile Number	Signature	Remarks
1	15S15252	352	Jyoti Khanannavar	—	—	
2	16S10004	79	Abujar. Ustad	8921958496	Abujar	
3	16S10006	53	Aftab. Mulla	9972026669	Aftab	
4	16S10007	21	Aishwarya. Yendigeri	7204301689	Aishwarya	
5	16S10009	182	Aishwarya. Horatti	8277225759	Aishwarya	
6	16S10016	80	Akshata. B. S.	8494976173	AKS	
7	16S10022	54	Akshya. Jeere	8951257446	Akshya	
8	16S10024	64	Amit. Nandagadkar	9591744839	Amit	
9	16S10027	81	Anil. Lamani	8618629295	Anil	
10	16S10028	55	Anitha. Kurudammanavar	7004994863	Anitha	
11	16S10030	65	Ankita. Joshi	9481161999	Ankita	
12	16S10031	140	Annapoorna. Hittinmath	8277761502	Annapoorna	
13	16S10033	66	Anusha. B	9980459727	Anusha	
14	16S10035	82	Anusha. Patil	9481887538	Anusha	
15	16S10040	184	Asha. Baraddi	8152017370	Asha	
16	16S10041	83	Ashwini. Pujara	8970021832	Ashwini	
17	16S10043	18	Lokesh. B.	—	—	
18	16S10045	84	Basavaraj. Meti	7411657654	Basavaraj	
19	16S10046	185	Bhagyashree. Neeralakeri	7795517225	Bhagyashree	
20	16S10048	85	Bharati. Hosamani	9148258705	Bharati	
21	16S10050	86	Bhoomika. C. H.	9739395838	Bhoomika	
22	16S10051	22	Bhoomika. R	9900966926	Bhoomika	
23	16S10057	186	Chaitra. Hegde	7411485374	Chaitra	
24	16S10058	187	Chaitra. Shirol	8152019950	c.s.shirol	
25	16S10064	87	Chidanand. Balaganur	9945052025	Chidanand	
26	16S10065	183	Anujna D. V.	9482213299	Anujna	
27	16S10066	24	Deepa. Pujar	7619548501	Deepa	
28	16S10068	23	Deepa. Mukari	—	—	
29	16S10069	141	Deepti. Bellad	7019483039	Deepti	
30	16S10070	142	Deshabhooshan. Kamagond	—	—	
31	16S10073	88	Fakkiravva. Hoinbal	8151862349	Fakkiravva	
32	16S10078	89	Gangamma. Hanneer	8904759189	Gangamma	
33	16S10082	143	Gulnaz. Khan	9535473518	Gulnaz	
34	16S10083	90	Gurujyothi. R	9632045764	Gurujyothi	
35	16S10084	144	Gurudevi. Totad	8073226846	Gurudevi	
36	16S10089	17	Harisha. Muniyannanavara	9845263925	Harisha	

Sl. No.	Reg. No.	Roll No.	Name of the Student	mobile No.	Signature	Remarks
37	16S10090	188	Harshita. Halemani	9916731152	Halemani	
38	16S10091	91	Heenakousar. Sanadi	9916243502	H.Sanadi	
39	16S10096	189	Jahanvi Purohit	7204783238	Jahanvi	
40	16S10098	92	Jeevan. Chavhan	9632031097	Jeevan	
41	16S10103	67	Kaveri. R. S.	9108081521	Kaveri	
42	16S10104	93	Kavita.Hadapad	9164737152	Kavita	
43	16S10107	94	Kavya S. Patil	9611288613	Kavya	
44	16S10110	95	Kereyamma. N	7259771058	Kereyamma	
45	16S10115	96	Laxmi. Mugali	8747979986	Laxmi	
46	16S10118	56	Mahesh. Dambaramattur			paid
47	16S10125	57	Mallappa . Meesiyavar	8123247989	Mallappa	
48	16S10128	97	Mallikarjun. Ulasandra	9738636285	Mallikarjun	
49	16S10129	190	Mangala. Gali	9900426807	Mangala	
50	16S10137	68	Manjunath. Keri	7353526942	Manjunath	
51	16S10138	98	Manjunath. Kagawade	9739600063	Manjunath	
52	16S10145	58	Megha . Patil	8746853581	Megha	
53	16S10148	99	Meghana. Hiremath	8495899310	Meghana	
54	16S10154	25	Mubeenbanu. Karigar	8722521815	Mubeenbanu	
55	16S10163	59	Naveen. Iti	9900131360	Naveen	
56	16S10165	26	Naveena. E	9743971265	Naveena	
57	16S10175	100	Nitin. Kurane	8050597403	Nitin	
58	16S10187	101	Pooja. Kallimani	8970644362	Pooja	
59	16S10190	347	Pooja R. Kalagoudar	8277225759.	Pooja	
60	16S10192	102	Pooja. Pawar	9538009126	Pooja	
61	16S10193	103	Poornima. D. Kuradagi	8618386913	Poornima	
62	16S10195	60	Prachi. Bendre	8277587242	Prachi	
63	16S10198	104	Pragya. Tiwari	9902365745	Pragya	
64	16S10200	105	Prashant. Muragod	9731559439	Prashant	
65	16S10203	69	Praveen. Lakkappanavar	7406348928	Praveen	
66	16S10206	146	Preeti. Bhat	7411493340	Preeti	
67	16S10211	106	Priyanka. Pawar	7096079437	Priyanka	
68	16S10212	70	Priyanka. Tumbalad	8496855505	Priyanka	
69	16S10218	27	Rajahussain	7349008567	Rajahussain	
70	16S10225	107	Rajshekhhar	9611293472	Rajshekhhar	
71	16S10230	108	Ramanna			
72	16S10231	109	Ramesha	8105034775	Ramesha	
73	16S10235	71	Rani. Sunagar	807344577375	Rani	
74	16S10238	110	Rashmi. Hegde	9591168819	Rashmi	
75	16S10240	111	Ratna. Kadabi	8762867306	Ratna	
76	16S10244	112	Rinaykumar. Yadav	9164682545	Rinaykumar	paid
77	16S10254	72	Samana. Kulakarni	4108892866	Samana	
78	16S10257	147	Sangamesh. Maganoor	9845263925	Sangamesh	

79	16S10258	113	Saniha. Bhatakhandi	9743221125	<i>Saniha</i>	
80	16S10266	61	Saraswati. Ganiger	9740626202	<i>Saraswati</i>	
81	16S10268	114	Sathyamurthy. Kenchannavar	9590632817	<i>Sathyamurthy</i>	
82	16S10277	62	ShanawazRafiq. Kadapa	✓	✓	<i>paid.</i>
Sl. No.	Reg. No.	Roll No.	Name of the Student	Mobile No.	Signature	Remarks
83	16S10278	19	Sharanabasappa	7259419594	<i>Sharanabasappa</i>	
84	16S10281	116	Shilpa. Yallappa	9343921230	<i>Shilpa</i>	
85	16S10282	28	Shilpa. Math	9611776128	<i>Shilpa</i>	
86	16S10283	115	Shilpa. Kusanur	9880366187	<i>Shilpa</i>	
87	16S10289	117	Shivashkti. Teli	9900993196	<i>Shivashkti</i>	
88	16S10290	118	Shobha. S	9535414062	<i>Shobha</i>	
89	16S10294	73	Shreeshilaraddi. Kencharaddi			
90	16S10295	119	Shreya. Jambagi	7795494246	<i>Shreya</i>	
91	16S10301	121	Shweta. Bashetti	9611838070	<i>Shweta</i>	
92	16S10303	74	Shweta. Hosamani	7760162364	<i>Shweta</i>	
93	16S10305	120	Shweta Nayak	8971757927	<i>Shweta</i>	
94	16S10306	191	Shweta. Neeralakatti	7090602892	<i>Shweta</i>	
95	16S10311	192	Sindhoora. Hegde	9482985683	<i>Sindhoora</i>	
96	16S10315	122	Soumya. Hugar	7471681346	<i>Soumya</i>	
97	16S10316	123	Soumyashree. Chalawadi			
98	16S10317	75	Soundarya. Gurav			
99	16S10319	29	Sujan. Salimath	8073200399	<i>Sujan</i>	
100	16S10321	124	Suma. Bhujanganavar	9448782469	<i>Suma</i>	
101	16S10322	193	Suman. Patil	9060909905	<i>Suman</i>	
102	16S10332	63	Suraj. Pujar	9986006109	<i>Suraj</i>	<i>paid</i>
103	16S10333	30	Suresh. Tariwal	8553918384	<i>Suresh</i>	
104	16S10335	125	Surekh. Pawar	9964329522	<i>Surekh</i>	
105	16S10342	126	Swapna. Goudar	9743262564	<i>Swapna</i>	
106	16S10343	127	Swathi. Totager	7349585513	<i>Swathi</i>	
107	16S10347	128	Tasleem. Nadaf	8050503324	<i>Tasleem</i>	
108	16S10349	129	Tejashwini. Belaval	7349422372	<i>Tejashwini</i>	
109	16S10352	76	Trupthi. B. A	7022396463	<i>Trupthi</i>	
110	16S10354	31	Usha	8904649913	<i>Usha</i>	
111	16S10357	77	Varsha. Gudipati	9844268727	<i>Varsha</i>	
112	16S10363	194	Vidya. Khadake	9986850653	<i>Vidya</i>	
113	16S10366	130	Vijayalaxmi. Madagunki			
114	16S10372	131	Vinodkumar. Kulkarni	9482195284	<i>Vinodkumar</i>	
115	16S10373	20	Veeresh. Badiger	7022987915	<i>Veeresh</i>	
116	16S10374	148	Vishal. Araballi	9008232597	<i>Vishal</i>	
117	16S10376	132	Vishal. Halagimaradi	7996965289	<i>Vishal</i>	
118	16S10383	133	Yasmeen. Savanur	8151066050	<i>Yasmeen</i>	
119	16S10385	78	Zeba. Malapur	7019567649	<i>Zeba</i>	
120	16S10386	145	Laxmi. Kannur	8277227789	<i>Laxmi</i>	

REPORT:

On the occasion of Centenary celebration of Karnatak College, Dharwad and a part of academic activities, Madam Curie Study Circle, Department of Chemistry, Karnatak Science College, Dharwad and Nuclear Power Corporation, India Ltd., Kaiga, jointly organised one day workshop on Nuclear Energy for Empowering Future (NEEF) for B. Sc. VI sem students on 07th August 2018. The programmes began with invocation song followed by Nadageethe by Shraddha & group. Convener & HOD Chemistry Dr. (Smt) V. A. Aminabhavi delivered welcome address & formal speech. Organising Secretary & Chairman of Madam Curie Study Circle, Dr. S. D. Dhumwad introduced the Chief Guest, Prof. K Pancharatna to the audience Principal, Karnatak Science College, Dharwad, C. F. Mulimani Presided over the function and concluded by vote of thanks by Dr. S. K. Rajappa, Dr. Saraswati P Masti was the master of ceremony. Prof. B. L. Tembe, Visiting Professor of Chemistry, Indian Institute of Technology (IIT), Dharwad and Alumnus of KCD delivered a key note address on the topic "Recent Advances in Chemical Sciences". He called upon the younger generation to opt basic science to build better India as scope booming nowadays for basic sciences. This session was chaired by Dr. M.S. Salunke: First Technical Session was chaired by Dr. S. M. Tuwar. Shri. Nagaraj Nayak, Scientist, NPCL, Kaiga, Karnataka delivered a talk on "Awareness about Nuclear Power Plant and Applications of Radio Isotopes". He briefed about functioning of nuclear power plants and fuel used for generation of electricity from nuclear stations in India and Kaiga in particular. He also appraised about the Nuclear energy as clean and environmental friendly compared to conventional hydroelectric and thermal energies at production level. During Second Session Shri. R.M. Joshi Scientist, NPCIL, Kaiga, Karnataka, gave a talk on "Environmental Survey Laboratories Functions and Transuranium Elements" for which Dr. Jayalakshmi K. was Chairperson. Third Session was an Instrumental demonstration by NPCIL, Kaiga, Karnataka and Chaired by Dr. K. S. Katagi. Workshop concluded with VALEDICTORY FUNCTION at 4.30 p.m. for which Shri. Nagaraj Nayak, NPCL, Kaiga was Chief Guest. 280 students along with 20 teachers had participated in the workshop.


3. 25TH ANNUAL CONVENTION OF CHEM-FORUM 2018-19

3

10-02-2019

INVITATION:

Karnatak Science College, Dharwad
Chem-Forum : 2018-19
In collaboration with
IQAC, KScCD



25th Annual Convention
A Silver Jubilee Celebration

Chief Guest
Prof. Pramod. B. Gai
Hon'ble Vice Chancellor
Karnatak University, Dharwad

Guest of Honor
Prof. Vijayalaxmi A. Aminabhavi
Registrar
Karnatak University, Dharwad

Special Invitee
Prof. M.Y. Kariduraganavar
Chairman, P.G. Department of Chemistry
Karnatak University, Dharwad

Key Note Address
Prof. M. S. Hegde
Talent Development Centre, IISc. Bangalore
(Challakere Campus)

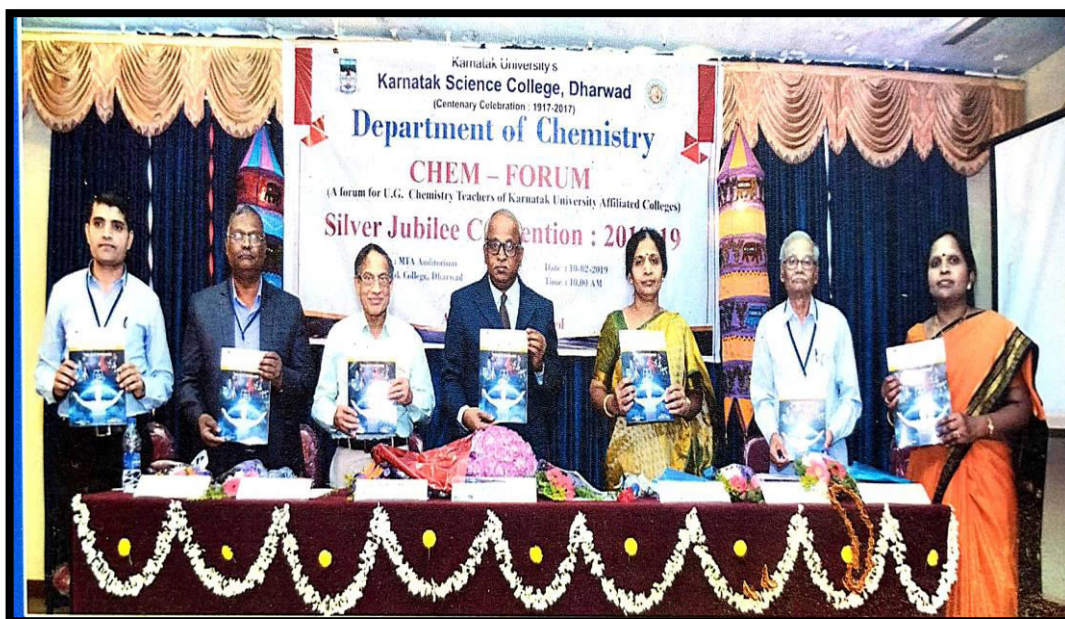
President
Dr. C. F. Mulimani
Principal
Karnatak Science College, Dharwad

Date : 10-02-2019 Time: 10.00am
Venue: MTA Auditorium, Karnatak College, Dharwad

All are Cordially Invited

CONVENER
Dr. V. A. Aminabhavi
Head, Department of Chemistry,
Karnatak Science College, Dharwad

PHOTOGRAPHS



Prof. M.S. Hegde, IISc Bangalore, and other dignitaries releasing a book **Silver streaks**



Prof. Vijayalakshmi Amminbhavi, delivering a lecture on the occasion of one day workshop

PARTICIPANTS LIST:

CHEM-FORUM		
CHEMISTRY TEACHERS IN VARIOUS AFFILIATED COLLEGES		
REGISTRATION		
		Date- 10/02/2019
1) Prof: S-R Postag	RTE's Degree College	} 10/2/19 [Signatures]
2) " B.T. Koli	Ranebennur	
3) " R-D Nalgaik	"	
4) Miss: Purnima. Hattigant	"	
5) Prof: C.C.K. Khatke	M.H.V.C. College, Manddehal	
6) " A.S. Bhatnagar	"	
7) " S.N. Bernal	S.S.G.M. College, Badami	
8) " Raji. S. Wale	M.A.S.L in Hanamantur	
9) " Anil-B.Koli	Govt first grade college-Hisarkesur	
10) Dr D.S Kanavi	S.K.U.P College	
11) Dr B D Sajjana	Halebidu	
12) C. Lingareddy	KLE's J.T. College, Gadag	
13) S.M. Bangalore	"	
14) S.H. Navanekar	"	
15) S.M. Kodikoppa	"	
16) S.S. Gyunda	"	
17) Dr. Nagaveni N.S	GFRC Dharwad	[Signature]
18) Pukasa Begum	GFRC Dharwad	[Signature]
19) Sangeetha Kulkarni	GFRC Dharwad	[Signature]
20) Shree: M.S. Gulannavar	Nehru Degree college-HUBLI	[Signature]
21) S.K. Vaidakar	K.S.S. College Gadag	[Signature]
22) S.S. Kulkarni	J.S.S. College Dharwad	[Signature]
23) Dr. Venkatesh M.	J.S.S. College Dharwad	[Signature]
24) Dr. S.S. Toraganmath	J.S.S. College, Dharwad	[Signature]
25) Shri: R.S. Betadus	J.T.G.F.G.C. Murdaxag	[Signature]
26) Dr. S.B. Kujalag	P. C. Jabin Science College Halebidu	[Signature]
27) Veena Bhat	J.S.S. College Dharwad	[Signature]
F.B. Holi	B.N. Degree college Dandeli	} [Signature]
H.H. Adavi		
Maibra. E-G		
Shobha Sharma		
Nizamuddin shankh		
H.Y. Merwade		

34	Mahadevi, S. Uppin	Prism Degree college Dharwad	196-	
35	G. Kivala	Kittel college Dwd.		
36	Soumya. K. Semath	G. F, G. C Hubli		
37	Akshata Karsade	"		
38	R. S. Gurusamath	"		
39	R. S. Karita	"		
40	Craneek. S. Hegde	MES. M. M. Arts & Science	}	
41	Chidambam. K. R.	College, Sirsi		
42	Valerie D' Souza	"		
43	Dr. Divya. Hegde	"		
44	Vinayakshree. S. Bhat	"		
45	Suma. Hegde	"		
46	Vivek Bhat	"		
47	Dr. S. D. Dhumwad	Karnatak Sci. College Dharwad.		
48	Dr. V. A. Aminabhavi	" " "		V. A. Aminabhavi

Registration: Teaching Assistants/Guest Faculties
Chem- Forum: 10-02-2019
CHEMISTRY TEACHERS IN VARIOUS
AFFILIATED COLLEGES:2018-19

Sl. No.	Name of the College	Name of Teacher	E-Mail ID	Amount	Sign
1	JSS College, Dharwad Dr. S.S. Toragalmath	S.S. Toragalmath	ssstoragalmath@gmail.com	275	
2	G.H. College, Saweri S.N. Brattimani	S.N. Brattimani (Retd. Principal)	9886210498		
3	P.C. Jabin Se. College HUBBALLI	Prof. G.S. Kalburgi (Retd)	89717.66044		
4	P.C. Jabin Se. College HUBBALLI	Prof. B.S. Patel (Retd)	6362079191		
5	P.C. Jabin Se. College Hubballi	Dr. N.M. Mphabaleshwarrao	9481725172	275	
6	JSS College, Dharwad	Dr. M.B. Hoskeri (Retiree)	9880172728		
7	Dr. S.M. Sindagi	Ketrad Principal	988019969		
8	Pr. B.S. Akle Retd. Prin HSK	Kalyan nagar Hubli	9900434459		
9	P.C. Jabin Se College Hubli	Dr. M.I. Sambhani	9880104522		
10	J.S.S. college gokak	I.S. Patanmulli	9480508249		
11	R.S. Totagi Retd. Pr P.C. Jabin Se. college, Hubli	R.S. Totagi	9448341977		
12	press.				
13	Govt first grade College, Dharwad	Dr. Nagaveni. N.G.	ngnagu@gmail.com	275	
14	Rukhsan begum channpattan	BFGC Dharwad	rukhsanbegum712 @gmail.com.	275	
15	Chidambara.K.R.	MES MM Arts & Science college sirsi	Chida.Chidambara18@ gmail.com	275	
16	MES MM Arts and Science college sirsi	Vivek Bhal	viveknb26@gmail. com	275	
17	"	Dr. Divya Hegde	divya4star@gmail.com	275	
18	"	Miss Vinayashree Bhal	shubhal101@gmail. com	275	
19	"	Miss Suma Hegde	sumashegde649@gmail. com	275	

B-1
B-2

B-3

20	MISS. VALERIE D'SOUZA	MIES. COLLEGE, VALMOUR	9900624767	275	Valm
21	Mr. S. M. Kodlikoppa	K.L.E'S J.T. College, Gadag	8762198054	275	S.M.
22	Miss. Shweta S. Gunda	K.L.E'S J.T. College, Gadag	8792202527	275	Shweta
23	Miss: poornima Hotigondar	R.T.E.S. College Ranebennur	8618951802	275	Poornima Hotigondar
24	Dr. R.S. Murawalli	V.D.I.T. Halijal		275	R.S.
25	Mr. Mahesh. Shambhug	Dr. A.V. Bahga College. Kunta	9740171316	275	Mahesh
26	Shree: M.S. GULA - NNAVAR. NEHRU COLLEGE	NEHRU DEGREE COLLEGE HUBLI	7795108803 msgncho3@gmail.com	275	M.S.
27	C. S. KATAGERI	M.G.V.C. Arts, com and science College, Muddabihal	9113536123 umeshkmgvego@gmail.com	275	C.S.
28	A.S. BAGAWAN	"	"	275	A.S.
29	Prof. S.N. Benal	S.S.B.M. College Bodami	8317417660	275	S.N.
30	Prof R.S. Betendekh	J.T.G.F.U.C. Mundaragi	8861978835	275	R.S.
31	Prof: Anil B Kohi	Govt First Grade College Hirasole	9448326501	275	Anil
32	prof. O. Kotresh	Karnatak Sci. college Dhanwad	9448838665		O.K.
33	Dr. Rajappa. S.K	Karnatak Sci. college, DWB	9620626968		Rajappa
34	Dr. K.S. Katagi	Karnatak Sci. college DWT	9916248829		K.S.
35	Dr. S.P. Rastgi	"	9980556298		S.P.
36	Dr. R G Kalkhorwad	"	9902831760		R.G.
37	Dr. M.S. Salunke	"	9448861528		M.S.
38					
39					
40					

REPORT:

Department of Chemistry, Karnatak Science College, Dharwad conducted 25th Annual Convention of Chem-Forum 2018-19, A Silver Jubilee celebration on 10th February 2019 at MTA Auditorium, Karnatak Science College, Dharwad. On this occasion, the eminent Prof. M. S. Hegde, Talent Development Centre, IISc. Bangalore (Challakere Campus) was the Key note Speaker and Prof. M.V. Kulkarni, Visiting Professor, Karnatak University, Prof. Vijayalaxmi A. Aminabhavi, Registrar, Karnatak University were the Chief Guest and Guest of Honor respectively for the said occasion. The programmes began with the prayer song by Miss. Shradha & Vaishnavi of B.Sc. IV sem students followed by Nadageete by the same group of B. Sc Chemistry students. Dr. V. A. Aminabhavi, Convener of the Forum gave welcome and formal speech. Dr. R. G. Kalkhambkar organizing Secretary of the forum introduced all the dignitaries present on the dais and Dr. K. S. Katagi introduced the key note speaker, Prof. M. S. Hegde. Dr. C. F. Mulimani Principal, Karnatak Science College, Dharwad, the president of function and Prof. G. S. Kalaburgi, Founder President of Chem-Forum were present. Silver Jubilee convention was formally inaugurated by the Chief Guest Prof. M.V. Kulkarni and other dignitaries also graced by lighting of the lamp. More than 56 teachers on role and 42 retired teachers registered from various Science Colleges, affiliated to Karnatak University Dharwad and more than 150 delegates / participants including our college students, Research Scholars and teachers were participated. All the Ex Presidents of 24 conventions held at various colleges in the past felicitated and presented a LETTER OF APPRECIATION. Many of them are 80 years old and still very dynamic and showed more concern about the progress in Chemistry. Retired teachers Prof S.R. Pratap, RTES College Ranebennur and Prof. Gurumath, Govt. First Grade College, Hubli were also facilitated. A Book "Silver Streaks" edited by Dr. S. M. Tuwar, Karnatak Science College was released by Dr. M. V. Kulkarni. It is reminiscence with glimpses of sweet memories of all the events taken by the Chem Forum in the past at various conventions held. In view of SILVER JUBILEE convention, the organizing committee instituted an Award for a Teacher member of Chem Forum as Best Teacher award with a title "RASAYAN SHIKSHAK RATNA" based on his/her academic, administrative, social, research contributions and exemplary achievements throughout his/her services. Dr. H. Y. Meharwade, B.N. Degree College Dandeli was adjudged as Best Teacher in Chemistry. He was honored by giving away the citation by Chief Guest. Prof. M. S. Hegde, Talent Development Centre, IISc. Bangalore (Chailakere Campus). Prof. M. S. Hegde delivered a special talk on "How to make Chemistry subject interesting for students". He showed how to teach the theory with simple instruments. He demonstrated the skill of designing cost effective instruments. Technical session was chaired by Dr. Shobha Sharma, Principal, Bangur Nagar Degree College,

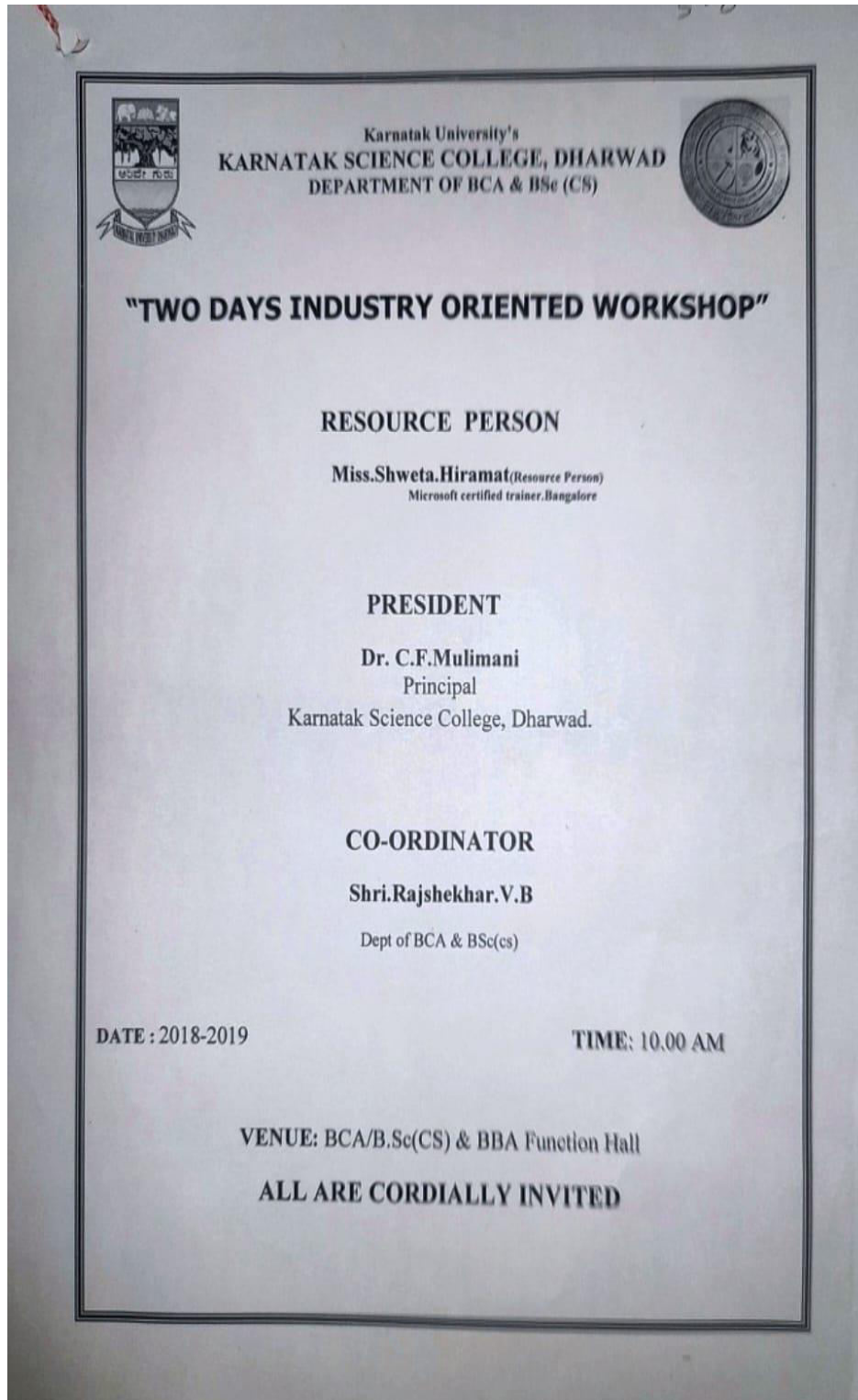
Dandeli. She gave very exhaustive qualitative analysis of question paper setting and evaluation pattern of U.G. Chemistry papers. Many of the teachers actively participated in the discussions. Prof Kalbugi and Prof. Akki guided the young professors about the concept of Chemistry topics. General body meeting was chaired by Prof. G. S. Kalaburgi, valedictory function was conducted for which the Chief Guest Prof. M. Y. Kariduraganavar, Chairman, PG department of Chemistry talked about teaching & research methodology and its importance and drawbacks for U.G. teachers. Dr. Akki, Special Invitee memories and Dr. V. H. Arali, Former Principal of Karnatak Science College expressed their happiness about the function and recollected memories.

4. TWO DAYS WORKSHOP : INDUSTRY ORIENTED TRAINING



4

19-03-2019

INVITATION:



The invitation card is framed and contains the following text:

 Karnatak University's
KARNATAK SCIENCE COLLEGE, DHARWAD
DEPARTMENT OF BCA & BSc (CS) 

"TWO DAYS INDUSTRY ORIENTED WORKSHOP"

RESOURCE PERSON

Miss.Shweta.Hiramat(Resource Person)
Microsoft certified trainer,Bangalore

PRESIDENT

Dr. C.F.Mulimani
Principal
Karnatak Science College, Dharwad.

CO-ORDINATOR

Shri.Rajshekhar.V.B
Dept of BCA & BSc(cs)

DATE : 2018-2019 **TIME: 10.00 AM**

VENUE: BCA/B.Sc(CS) & BBA Function Hall

ALL ARE CORDIALLY INVITED

PHOTOGRAPHS :



Miss Shweta Hiremath is interacting with students on the occasion of a two-day workshop.



Miss.+ Shweta Hiremath is explaining the rules for the activities to the participants



Best out of waste: Our college students have made ornaments from daily newspapers.

STUDENTS ATTENDANCE LIST

KARNATAK SCIENCE COLLEGE, DHARWAD BCA & B.Sc(CS) COURSES Two Days Industry Orientation Workshop			
Roll. No	Exam Seat No.	NAME OF THE CANDIDATES	Sign
1	16U10001	ABHISHEK KADAKOL	
2	16U10003	AISHWARYA GAJANAN GAJAKOSH	
3	16U10004	AKASH M. INAMDAR	
4	16U10005	ANUP SHIVAGOUDA PATIL	
5	16U10006	APARNA PATIL	
6	16U10007	ASHWIN LAXMAN KAMATH	
7	16U10008	BASAVARAJ NADAGOUD	
8	16U10010	GAGAN ODISUMATH	
9	16U10011	GAYITHRI S.	
10	16U10013	BEDEGKAR RISHIKESH PRASHANT	
11	16U10014	KIRAN SIDDAPPA HIREMANI	
12	16U10015	MALLIKARJUN SHIRAKANALLI	
13	16U10016	NAGARAJ BOMMAPPA MARAKUMBI	
14	16U10017	NAGARAJ JAWOOR	
15	16U10018	NAGARAJ KATTIMANI	
16	16U10019	NAGARATNA VITTU GAVADE	
17	16U10020	NAMITA D. BASANNAVAR	
18	16U10021	NIVEDITA B.	
19	16U10022	PALLAVI ACHARI	
20	16U10023	PARVATHEVVA	
21	16U10024	PAVITRA MANJUNATH MOGER	
22	16U10025	POOJA HIREMATH	
23	16U10026	POOJA IRAPPA SURYAVANSHI	
24	16U10027	PRADEEP KUMAR C. DODDAGOUDAR	
25	16U10029	PRIYANKA GONDALI	
26	16U10030	PRUTHVI KURIYAVAR	
27	16U10031	R. PAVAN KUMAR	
28	16U10032	RAJANI BHASKHAR NAIK	
29	16U10033	RAJAT CHILLAL	
30	16U10034	RAKESH GOUDAPPA KORADDI	
31	16U10035	RAMANGOUDA PATIL	
32	16U10036	RUDRAMMA CHANDRASHEKAR	
33	16U10037	SAMPATH KALADAGI	
34	16U10038	SATVIK V. HIREMATH	
35	16U10039	SAVITA PATIL	
36	16U10040	SEEMA BHALACHANDRA NAIK	
37	16U10041	SHARANABASAYYA R. RONIMATH	
38	16U10042	SHILPA HANUMACHANDR TORAGALL	
39	16U10044	SHIVARAJ NAREGAL	
40	16U10045	SHWETHA R. PATIL	
41	16U10046	SINDHU P. JADHAV	
42	16U10047	SNEHA IRAPPA DANDALI	
43	16U10048	SONALI VINAYAK BHOITE	
44	16U10049	SOUMYA VEERANNA REVADIGAR	
45	16U10050	SUSHMA S. MOTALLI	
46	16U10051	SUVIDHA NAGESH MOGER	
47	16U10052	VARDHAMAN VRUSHABH UPADYE	
48	16U10053	VIDYA NAGENDRA GOULI	
49	16U10054	VIDYASHREE NADAVALAMANI	
50	16U10055	VJAYALAKSHMI R. GUNDAGAVI	
51	16U10056	VJAYALAXMI BASAPPA MADARI	

KARNATAK SCIENCE COLLEGE, DHARWAD
BCA & B.Sc(CS) COURSES
Two Days Industry Orientation Workshop

Roll.No	Exam Seat No.	Candidate Name	Sign
1	17U10002	Akshata Rajannavar	Akshata
2	17U10003	Anush Pattanshetty	Anush
3	17U10004	Asha Gudisagar	Asha
4	17U10005	Ashwini Garagi	Ashwini
5	17U10006	Baby Lamani	Baby
6	17U10007	Bhagyashree .M. Korishettar	Bhagyashree
7	17U10008	Bindiya Kalal	Bindiya
8	17U10009	Chandrakala Sutar	Chandrakala
9	17U10010	Chindambar Shastry	Chindambar
10	17U10011	Gayatri Sindagi	Gayatri
11	17U10012	Gulabi Banoshi	Gulabi
12	17U10013	Harish Neelappanavar	Harish
13	17U10014	Indira Balerao	Indira
14	17U10015	Jatti Abhishek	Jatti
15	17U10016	Jyoti Byagi	Jyoti
16	17U10017	Kaveri Gali	Kaveri
17	17U10018	Kavya Hiremath	Kavya
18	17U10019	Kiran Tumkannavar	Kiran
19	17U10020	Kruthi Jamadandi	Kruthi
20	17U10021	Lata Hulaser	Lata
21	17U10022	Laxmi Patil	Laxmi
22	17U10024	Maitra Balikai	Maitra
23	17U10025	Manohar Patil	Manohar
24	17U10026	Naveen Alur	Naveen
25	17U10027	Neha Yashwant	Neha
26	17U10028	Pallavi Jamadale	Pallavi
27	17U10029	PallaviSolapuri	Pallavi
28	17U10030	Parvati Navalgund	Parvati
29	17U10031	Pooja Sankangoudar	Pooja
30	17U10032	Poornima Tongali	Poornima
31	17U10033	Pragati Khodanpur	Pragati
32	17U10034	Prajwal Hasarambi	Prajwal
33	17U10035	Prajwal Paravati	Prajwal
34	17U10036	Prajwal Utturi	Prajwal
35	17U10040	Rakesh Gali	Rakesh
36	17U10041	Sadiq Olekar	Sadiq
37	17U10042	Sangeeta Kambli	Sangeeta
38	17U10043	Shahabhaj Mulla	Shahabhaj
39	17U10044	Shilpa G Patil	Shilpa
40	17U10048	Shrinivas Tulasigeri	Shrinivas
41	17U10045	Shyam M E	Shyam
42	17U10046	Sindhu Bagevadi	Sindhu
43	17U10047	Sonu Ghatage	Sonu
44	17U10049	Suman Audi	Suman
45	17U10050	Surayya Kausar	Surayya
46	17U10052	Sushma Manigeni	Sushma
47	17U10051	Sushma Mundagod	Sushma
48	17U10053	Susmita Koparde	Susmita
49	17U10054	Swati Virapayyanavarmath	Swati
50	17U10056	Vinayak Chandawarkar	Vinayak
51	17U10055	Vinayak Gurulingammanavar	Vinayak
52	17U10057	Vishwa Bhajantri	Vishwa

5. ONE DAY SEMINAR: RECENT ADVANCES IN SCIENCE AND TECHNOLOGY

15-09-2018

INVITATION:

5

 KARNATAK UNIVERSITY'S
**KARNATAK SCIENCE COLLEGE
DHARWAD** 

**INAUGURATION OF SCIENCE ASSOCIATION ACTIVITIES, 2018-19
AND
ONE DAY SEMINAR ON RECENT ADVANCES IN SCIENCE AND TECHNOLOGY**

Chief Guest
Dr. Srinath Thakur
Principal
SDM College of Dental Sciences & Hospital, Sattur, Dharwad

Presided By
Dr. C. F. Mulimani
Principal
Karnatak Science College, Dharwad

Speakers
Prof. S. M. Shivaprasad
Director
Karnataka State Higher Education Academy, Dharwad

Dr. Ramesh Bhat
Professor and Head, Department of Biotechnology,
University of Agricultural Sciences, Dharwad

Gracious Presence
Dr. Ashok A. Hooli
Former Principal
Karnatak Science College, Dharwad

Venue : **BCA Auditorium**
Date : **15-09-2018** . Time : **10.30 am**

Dr. L. T. Nayak Chairman
Science Association

Dr. C. F. Mulimani Principal
Karnatak Science College, Dharwad

: Student Secretaries :
Kum. Shweta Janagi Mr. Ravikumar Gadadi

All are Cordially Invited

PHOTOGRAPH



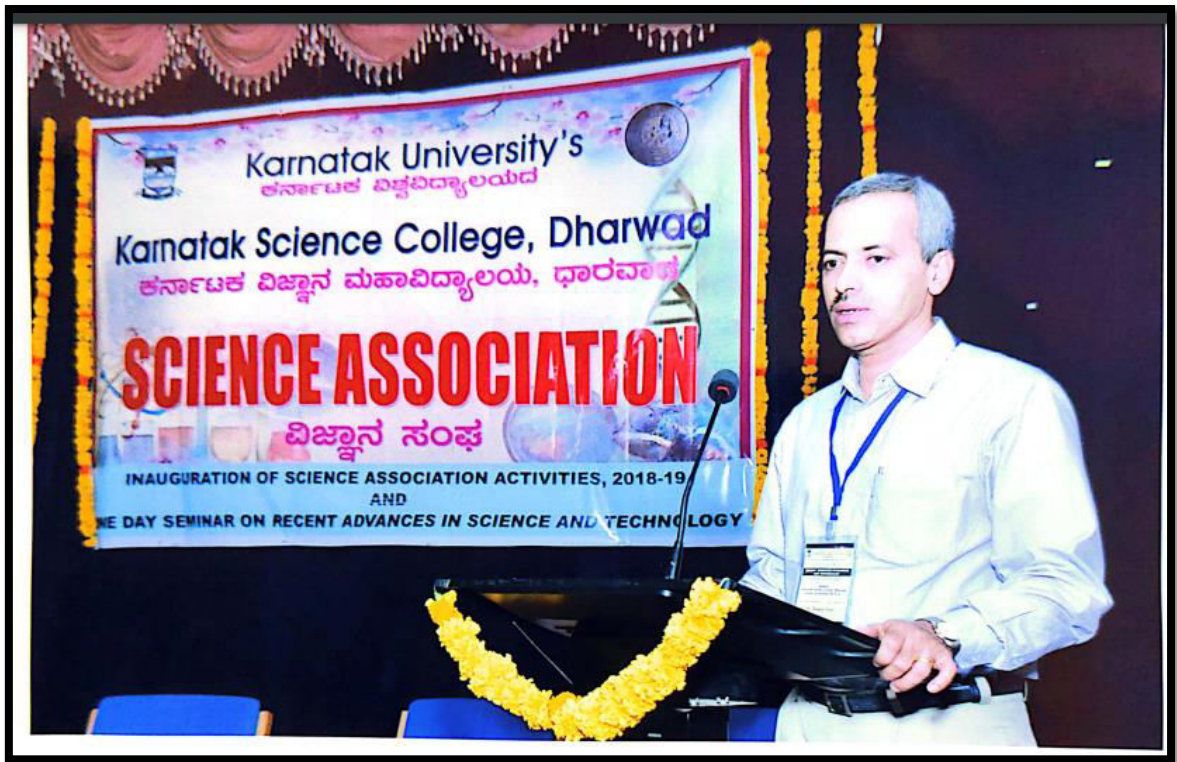
Dr. C.F.Mulimani, Dr.Ashok Hooli, Dr.Ramesh Bhat., Dr. Srinath Thakur, Dr.L.T.Nayak inaugurating the activities of Science Association and One day seminar by watering sapling



Dr. Ashok A. Hooli, Principal (Retired), Karnatak Science College, Dharwad, speaking on advanced technology.



Staff and students of the college are involved in singing national anthems soon after the seminar.



Dr. Ramesh Bhat, Professor and Head, Dept. of Biotechnology, University of Agricultural Sciences, Dharwad spoke on Principles and application of Biotechnology and its importance in present situation.

CERTIFICATE



REPORT

The science Association has organized One day seminar on 'Recent Advances in Science and Technology' on 15-09-2018. Dr. Srinath Thakur, Principal, SDM College of Dental Sciences and Hospital, Dharwad inaugurated the function. In his inaugural address he highlighted upon the development in science and technology and contribution of Indian scientists particularly in medical field. His words really enlightened students.

The seminar was organized for B.Sc. IV, VI & B.Sc (Cs) students, in which more than 200 students participated. Two technical sessions were arranged. Dr.Ramesh Bhat, Professor and Head, Dept. Of Biotechnology, UAS, Dharwad was the speaker for the first technical session. He spoke on Principles and application of Biotechnology and its importance in present situation. This particular session was chaired By Dr. S.M.Tuwar and Dr.C.G.Patil was the rapportier.

Soon after the lunch in the second technical session Prof. S.M.Shivaprasad, Director, Karnatak State Higher Education Academy, Dharwad was the resource person who highlighted on Alice in Nano world. Students interacted with the speaker and cleared their doubts. There was an overwhelming response from the students during the interaction session. Dr.G.H.Mallimath and Dr. K. S. Katagi were the chairman and rapportier respectively. Dr.C.F.Mulimani, Principal, Karnatak Science College presided over the function. Dr.L.T.Nayak, Chairman Science Association welcomed the dignitaries and audience. Dr.K.Kotresh introduced the chief guest and student secretary Miss. Shweta Janagi proposed the vote of thanks. Chair persons of all the study circles, teaching and non- teaching staff of the college attended the function.

REPORT:

In association with Talent Management Institution, Hyderabad Science Association had organized free IT training for placement for B.Sc IV, VI and B.Sc (Cs) students on 25-03-2019. Girish Kerur, Mahesh Bhat, Farida Qureshi and Pooja Chavan were the resource persons for the training and more than 200 students enrolled their name for further long term training. This training team will continuously train the students for six months thereafter the multinational companies like IBM, INFOSYS, TCS, WIPRO and the like will come to the college and select the students who have undergone the training. On the same day valedictory function of Science Association was arranged. Prof. M.N. Kalasad was the chief guest who spoke on Synthesis of different Nanoparticals and their utilization in modern science. The role of Nano particals has increasing the surface area of a molecule and its therapeutic action in the field of medicine, science and technology. Dr.C.F.Mulimnani, Principal, presided over the function. The Chairman Science Association Dr.L.T.Nayak welcomed the dignitaries and audience. Dr.K.Kotresh introduced the chief guest and student secretary Miss. Shweta Janagi proposed the vote of thanks. The activities of Science Association for the year 2018-19 were vivid fruitful and benefited the students.



7. PREPARATION FOR COMPETATIVE EXAMINATION HOW TO FACE INTERVIEW

BROCHURE

7

President
Dr. C. F. Mulimani
Principal
Karnatak Science College,
Dharwad

Presence
Dr. L. T. Nayak
IQAC Coordinator
Karnatak Science College,
Dharwad

**KARNATAK UNIVERSITY'S**
KARNATAK SCIENCE COLLEGE DHARWAD
IQAC INITIATIVE
ONE DAY COACHING ON

Resource Person
Sri Kirankumar B.H
B.E. (Civil)
Faculty Member, Shruti IAS & KAS Academy, Dharwad


Session 1: Time:11.00 am to 12.30pm
Topic: Preparation for Competitive Examinations

LUNCH BREAK

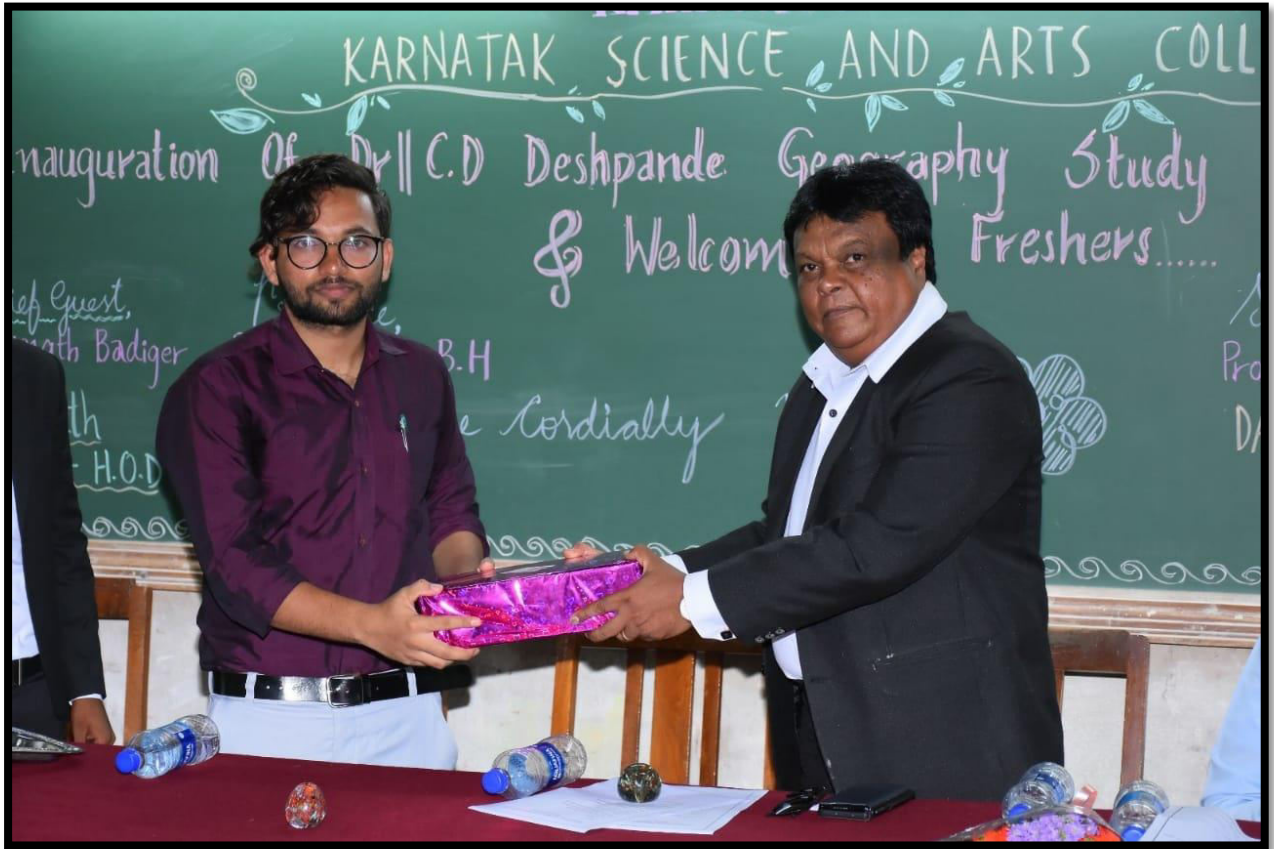
Session 2: Time: 1.30 pm to 3.00pm
Topic: How to Face Interview

Date: 26-03-2019
Venue: G-5 Lecture Hal

ALL ARE CORDIALLY INVITED



PHOTOGRAPHS:



After giving the Coaching for IAS and KAS Examination, our Beloved Principal Honoured the Chief Guest



Registration Lounge



The students who were present for the Coaching class

STUDENTS LIST:



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

Phone No: 0836-2215410 & 2215400 Fax: 0836-2744334
Email: principal.kscd@gmail.com Web: www.kscd.ac.in



ATTENDANCE REPORT

A one day Coaching was arranged on 26-03-2019 at 11:00 am in Department of Geography, Karnatak science College Dharwad, on "HOW TO CRACK CIVIL SERVICE EXAMINATION". Shri Kirankumar B.H. Srusti, IAS, KAS ACADEMY was the resource person who trained our students.

Following students were present for the Training Program:

SL NO	NAME OF THE STUDENT	SIGNATURE
01	Arfa . M . Hebsus	Arfa
02	Soundarya . C . Hatti	Soundarya
03	Sanjeeb . Gadimani	S. G. Gadimani
04	Nagaraj . D . A .	Nagaraj
05	Pooja . Bevalli	Pooja
06	Srushti . Kudalagi	Srushti
07	Sangeeta . H	Sangeeta
08	Priya . P	Priya
09	Annapoorna . A	Anu
10	Somya . Angadi	Somya
11	Toxmi . H	Toxmi
12	Sunil . K	Sunil
13	Vishal . tarani	Vishal
14	Yogesh .	Yh
15	Pavan	Pan
16	Sunil . Anepur	St
17	Prajwal	Pra
18	Prajwal - S	Pr
19	Pandit	Pandit
20	Chinmay .	Chinmay
21	Chiranjivi	Chir
22	Shabbir	Shabbir
23	Sanita	Sanita
24	Sindhu . Haveri	Sindhu
25	Fahanaaz . Deendaze	FD
26	Ganesh . S	Ganesh
27	Shivangouda	Sh
28	Anu	Anu
29	Ajit . Pawar	Ajit
30	Prajwal . Sabarnath	Prajwal
31	Kalmesh . B	KB

32	Shrihari K	
33	Shamant D	
34	Naveen K. M	
35	Vijay, Jeshi	
36	Mahesh V	
37	Sochery. S. G.	
38	Soumya G D	
39	Megha. C. T	
40	Rupali. Ambaji	
41	Ranesh K. "By"	
42	Arunkumar. M	
43	Abhykeet. R. N	
44	Ravi.	
45	Karan prasad	
46	MEDHA RAKESHA	
47	Anjali M. Ghopade	
48	Souandarya V. Ketabur	
49	Ravikiran. H. Nesaragi	
50	Vinayak. B. Hosamani	
51	Abhishek Rathod	
52	Abhishek nayak	
53	Vinayak M	
54	Ashok. J. Ladad	
55	Ramesh Gauda K.	
56	Narishwamy	
57	Basavaraj. S. B	
58	Tarun	
59	Shivanand. M. R	
60	Anjaneya. L. M	
61	Sharaneshwara	
62	Ningara. V. H	
63	Ranesh. G	
64	Sunjay. H.	
65	Akshat. B	
66	Anita. S. V	
67	Vijayalakshmi	
68	Swita. Talawda	
69	Amrutha. Mannur	
70	Pavati. B. Kalasid	
71	Sidharappa. N. Chippalakatti	S. N. 2000000000
72	P. Nagendra	
73	V. M. Janmatti	
74	N. B. Madar	
75	Sahana. C. H	
76	Jyoti. P. N	
77	Jinnappa. T. G. Ganga.	
78	Jurad	
79	Ravi. N	

REPORT:

The Karnataka Science College, Dharwad, in collaboration with the Internal Quality Assurance Cell (IQAC) was organized one-day coaching on 26-03-2019 at G5 Hall in Department of Geography. The degree students from Karnatak Science College Dharwad with essential skills for use their professional journey.

Sri Kirankumar B. H. BE Civil Engineer Faculty Member, Shrushti IAS/KAS Coaching Centre Dharwad served as the resource person. His expertise in soft skills made this training programme insightful and interactive. Participants explored topics ranging from communication skills to work ethics, all essential for holistic career development, he also suggest some tips:

Preparation Strategy for Competitive Exams

There are several questions, which come into a candidate's mind before starting the preparation for the competitive exams. These questions may include:

- How to start the Government Exam preparation?
- What strategy should I follow?
- Can I prepare for Govt exams at home?
- Can I crack the Government exams in the first attempt?
- What are the tips to crack the competitive exams?
- What are the important topics and syllabus for the exam?
- What strategy and approach to use for the preparation of Government exams?

And the list of questions goes on and on. So, to ensure that a candidate follows the best approach, we bring to you 11 key strategies to crack the upcoming IAS/KAS exams:

- **Set S.M.A.R.T. Goals** – Here S.M.A.R.T. stands for Specific Measurable Achievable Relevant Time-Bound. One must keep all these five goals in mind when strategising a study plan. Do not overburden yourself and set achievable goals
- **Self Management vs Time Management** – Ensure that you set targets which you can achieve. Manage your schedule in a manner that sufficient time can be dedicated to the preparation
- **Attend Online/ Offline Classes Regularly** – Choosing either online or offline classes in a candidate's decision but they must ensure that either way they attend the classes on a regular basis and any kind of ignorant behaviour shall affect their preparation

- **Revise on a Daily Basis** – In most cases, it has been observed that one may understand the topic when being taught but due to lack of revision may end up forgetting such concepts. Thus revising things on a daily basis is a must
 - **Solve Time-Bound Exercises, Mock Tests & Model Papers** – This will give an examination kind of atmosphere and a better understanding of the type of questions which may be asked
 - **Raise Doubts or Questions if any** – Mostly it has been observed that candidates hesitate to ask questions for various reasons but this may act as a hindrance for any competitive exam aspirant. Always ask doubts or questions, if any to ensure that the concepts are extremely clear
 - **Choose Coaching/ Institutes/ Teachers Wisely** – Choose the books, study material and resources wisely. Ensure that either online or offline, sufficient study material is provided, separate time for clearing doubts is given and proper revision and tests are conducted
 - **Get Your Concepts Clear** – The key to answering any questions is by having conceptual clarity. Ensure that every part of the concept is clear and understandable
3. **Focus** – Even if a candidate manages to devote 3 to 4 hours a day for preparation, an absolute focussed study must be done during this time. No kind of distractions must be entertained
- **Solve Previous Year Question Papers** – To understand the standard of exam and the exam pattern, the best solution is referring to the previous year question papers
 - **Be Regular, Well Planned & Disciplined** – Having a proper study plan is a must. It is important that before one starts the preparation, he/she is well aware of the subjects, topics, exam pattern and the selection process for the respective exams so strategies a time table devoting equal time to all subjects

The President Dr. C. F. Mulimani Principal, Karnatak Science College, Dharwad, gave presidential remarks. Dr. L. T. Nayak Coordinator, IQAC, Karnatak Science College, Dharwad delivered his heartfelt vote of thanks.