



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



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

2022-23

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

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

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

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

energy technologies. These skills will be beneficial as they engage in future projects and initiatives related to renewable energy.

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



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



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



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

THREE DAYS NATIONAL SEMINAR:

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

The poster features a green background with a central photograph of a large, red-roofed building, likely the Karnatak Science College. At the top, there are four logos: the Karnatak University logo, a circular emblem with a tree, a logo with the number '75', and the IAAT logo. The text is centered and reads: 'XXXII Annual Conference of Indian Association for Angiosperm Taxonomy and National Symposium On The Contribution of Angiosperm Diversity to Human Wellbeing and the Risks Associated with its Decline November 11th – 13th, 2022'. Below the photograph, it says 'Organized by: Department of UG, PG and Research in Botany, Karnatak University's Karnatak Science College, Dharwad, Karnataka - 580001 www.kscd.ac.in'. At the bottom, it says 'FINAL CIRCULAR'. On the right side, there is a vertical blue banner with the text 'IAAT 2022 DHARWAD' in yellow letters. At the bottom of the poster, there are four small images of different angiosperm flowers.



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

**XXXII Annual Conference of Indian Association for Angiosperm Taxonomy and National Symposium
On
The Contribution of Angiosperm Diversity to Human Wellbeing and the Risks Associated with its Decline**

November 11th – 13th, 2022



**Organized by:
Department of UG, PG and Research in Botany,
Karnatak University's, Karnatak Science College, Dharwad, Karnataka - 580001**

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

Our students are taken to visit SELCO Solar Light Private Limited, Jnanavikasa Orientation and Training Institute located in Rayapur, Dharwad on Thursday 29th December 2022 . The objective of the institute is to give self employment to the youth which are not connected to main stream. In this institute they have a variety of machine such as flour mill, swing machine , barber equipments,milking machine, chilli powder machine and much more where in the main source of power is not electricity but the solar energy. They have designed all machine such that they conyer 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 stuentns are introduced into such opportunitites where in they are motivted to have innovation and determination which can make them self employed not only employed but also can become a enterprinor to help the society. Students are much impresed 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 trainer have demonstared working of solar pannel its installation and other related issues. He also demonstared and explained how solar heater works. The entire building electricity requirement and hot wtware requirement was fulfilled by those pannels he explained. Students along with demonstartion they also visualised the short vidieo which shows how practically people are implented these equipment in their life to earn bread and butter. There is also one solar village model which realy 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 feed back to the trainer. The some of the pictures related to the visit are showed below.



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



Smita Mudhol, Manager Selco Solar Pvt.Ltd Giving Demo



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



Group Photo of the participants attended for the Training Program

"ONE DAY WORKSHOP ON Gamma Ray Spectroscopy"(For B. Sc. VI Semester Students)

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 (TI) 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, Kumarl Srushtri Hebballi sung invocation song on the occasion of ONE DAY WORKSHOP ON Gamma Ray Spectroscopy.



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

ONE-DAY WORKSHOP ON INTELLECTUAL PROPERTY RIGHTS

One Day Training Programme on Intellectual Property Rights was organized on 24th May, 2023 from 10:30 am to 5:30 pm. The Programme started with registration followed by inaugural function. In this event 74 students were participated. Mrs.Sujata Gadad, an Advocate from the P.G. Department of Law, Karnatak University, Dharwad was the resource person. Mrs. Sujata Gadad provided valuable knowledge about the intellectual property rights and their significance in day to-day life. In fact the training session was fruitful and Participants were benefited. The programme concluded with a valedictory function where certificates were distributed to the participants. Dr. L. T. Nayak, IQAC Co-ordinator, Dr. Saraswati P. Masti, SWO and teaching and non-teaching staff were present in the event.



Karnatak University's

**Karnatak Science College,
Dharwad**



Internal Quality Assurance Cell (IQAC)

In Association With

Student Welfare Office (SWO)

Organizing

ONE DAY WORKSHOP

ON

INTELLECTUAL PROPERTY RIGHTS



Resource person

Smt. Sujata Gadad

Advocate

District Consumer Information Centre (DCIC), Dharwad

President

Dr. S. C. Chougala

Principal

Venue: C-1 Hall

Time: 10.30 to 5.30 PM.

Date: 24-05-2023

YOU ARE CORDIALLY INVITED

Organizing Secretary

Dr. Saraswati P. Masti

Student Welfare officer

Convenor

Prof. L. T. Nayak

IQAC Co-ordinator

Student Secretary's

Gangadhar Mudennavar & Shirin Shaikh

ONE DAY WORKSHOP ON SOFT SKILL FOR CAREER GROWTH

One day workshop on “Soft Skills for Career Growth: *Intra and Interpersonal Skills, Work Ethics, and Leadership Qualities*” was conducted on 27th May 2023. Dr. Manali Karmakar, Assistant Professor of English, School of Social Science and Languages, VIT Chennai Campus, was the resource person. 83 students attended the session and majority of the students interacted with the resources person. In the first session Dr. Manali Karmakar explained Intra and Interpersonal Skills, Work Ethics and Leadership qualities and conducted practical test and solved the student’s problem related to soft skills. The workshop was so meaningful and students enjoyed the session.



The poster is for a virtual workshop organized by Karnatak University's IQAC & SWO at Karnatak Science College, Dharwad. It lists the following details:

- Chief Patron:** Prof. K. B. Gudasi, Hon'ble Vice-Chancellor, Karnatak University, Dharwad.
- Patron:** Shri. Yashpal Khatasagar, ITS Registrar, Karnatak University, Dharwad.
- Co-patron:** Dr. S. C. Chougale, Principal, Karnatak Science College, Dharwad.
- Convener:** Prof. L. T. Nayak, IQAC Coordinator.
- Organizing Secretaries:** Dr. (Smt.) Sarawati P. Masli, SWO and Smt. Kalpana Dabral.
- Organizing Members:** Prof. S. Manjunatha, Prof. A. D. Dharmwad, Dr. Nirupama J. M.

The workshop title is "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". The resource person is Dr. Manali Karmakar, Assistant Professor of English at VIT Chennai Campus. The date is 27th May, 2023, at 11:00 AM. The virtual workshop platform is Google Meet, with the link: <https://meet.google.com/zyo-ejrp-voe>. The poster concludes with "YOU ARE CORDIALLY INVITED".



The screenshot shows a Google Meet session in progress. The browser address bar displays the meeting link: <https://meet.google.com/zyo-ejrp-voe>. The meeting grid shows several participants:

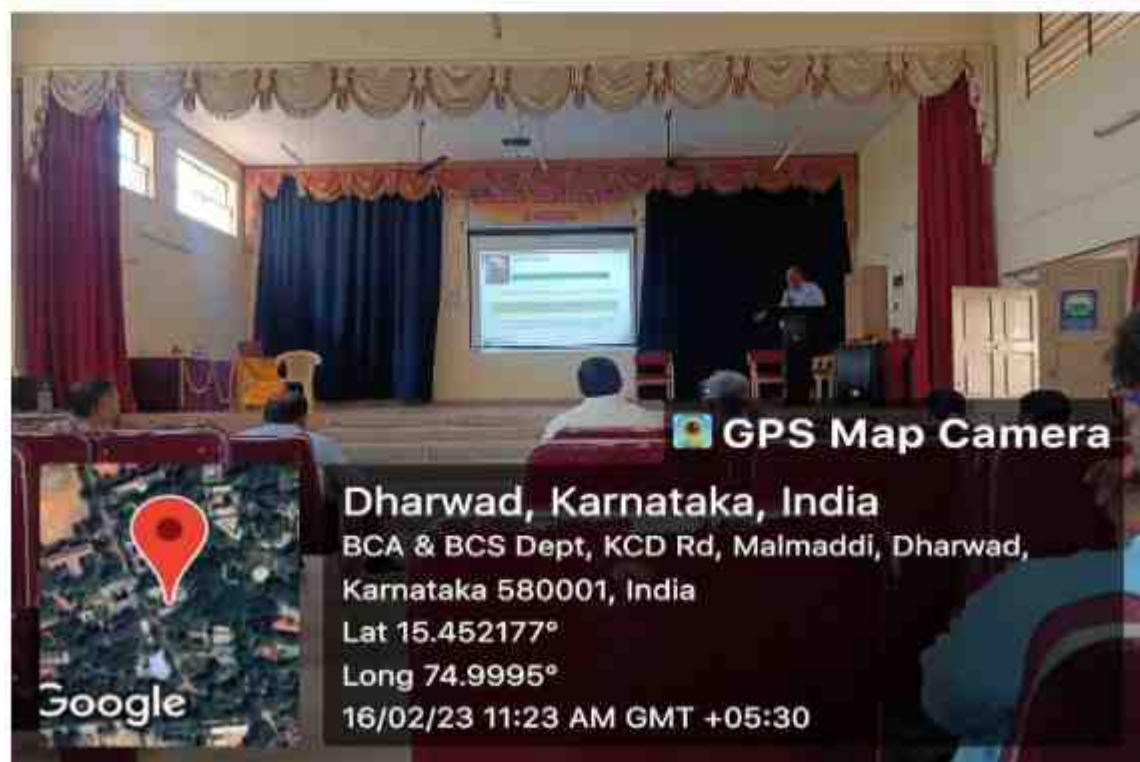
- Manjunath G. Guralki (M)
- G. Anapali Tarasa (G)
- Suhadini Mudhali (S)
- Mohammed Rauf (M)
- SUPRIYA MIRASHI (Panda)
- sanjaganesh awali (Smiley)
- Nirgu Math (Globe)
- 29 others (TV)
- You (Video)

The bottom of the screen shows the Google Meet control bar with a timestamp of 12:39 PM and various icons for chat, mute, video, and other functions.

One day virtual workshop screenshot of participants

TWO DAY WORKSHOP ON RESEARCH METHODOLOGY

Two day workshop on Research Methodology : Two Days Workshop was organized on Research Methodology for all the PG Students of Physics, Chemistry, Mathematics and Botany subjects on 15th and 16th Feb, 2023. This workshop was inaugurated by Dr. H.B.Walikar, former Vice Chancellor, Karnatak University Dharwad on 15th Feb, 2023. He delivered key note address on Big Bang theory and Prime numbers. Dr. Nilkamal Mahanta, Head, Department of Chemistry, IIT - Dharwad gave first invited talk. First talk was on the topic: "Higher Studies, Research Opportunities and Career Prospects in Science". He told students how one can get into IIT through various modes like JEE, GATE, Project Fellowship to pursue their education at IIT's and IISc and National institutes of research . Dr. M. K. Rabinal, Professor, Department of Physics, Karnatak University, Dharwad gave the second invited talk on the 16th Feb, 2023. Professor's focus of the lecture was on Research methodology, and highlighted the mode of research encouraged to look at the existing problems around us and analyze it. Dr. Koushik Saha, Assistant Professor, Department of Physics, IIT Dharwad, delivered lecture on the History of Evolution of Science and Physics. Principal of the college Dr. S. C. Chougala was present throughout the workshop and felicitated all invited speakers and guests. H.O.D of all PG departments, Dr. S. D. Dummawad, Dr. K. Koteresh, Prof. Ambika R., Prof M. R. Ranganath Prof. Blaise Lobo, Chairman, Science Association, Dr. Geeta Chavan, Dr. O. Kotresh, Dr. K. S. Katagi, Prof. Lalita Naik, Prof. Kalpana Dalawai were also present.



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



Staff of the College Introducing the Resource person



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



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



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

MULTIDISCIPLINARY WORKSHOP: SANSKRIT'S DIVERSE ASPECTS

On 5th July, 2023 Karnatak Arts and Science College, IQAC, and the Department of Sanskrit, Prakriti and Yoga Studies, in association with Samskrita Bharati and Majethiya Foundation, Hubli organized workshop on Sanskrit's diverse aspects. Smt. Sumangala Dandewale, Founder President of Kursh Gyan Foundation, Shri. Sanjay Pande, Chief of Marketing and Product Strategy at Data Vault Alliance and Dr. Avinash Rasalkar were the resource persons. 82 students were benefited from this workshop.



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** - 2.00p.m. - 6.00p.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 Masu
Student Welfare Officer, KSCD

Prof. L T Nayak
Co-ordinator, IQAC
KSCD

Dr. J G Mhalgaonkar
Co-ordinator, IQAC
KACD

2021-22

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

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

Late Dr. C. G. Patil, Associate Professor of Botany, KSCD and IQAC Deputy Coordinator of KSCD speaking on the occasion of the one day workshop entitled “NEP for B.Sc. Botany 3rd and 4th Semester Syllabus” conducted in the UG & PG Department of Botany, 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 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, KSCD involved in the successful organization of the one day workshop. A large number of Botany teachers from colleges affiliated to KUD attended the program.



**FX2W+VX2, Malmaddi, Dharwad, Karnataka
580001, India**

Latitude

15.45213455°

Local 11:52:46 AM

GMT 06:22:46 AM

Longitude

74.99740475°

Altitude 670.94 meters

Saturday, 25-06-2022

**Note : Workshop on "NEP for B.Sc Botany
3rd and 4th Semester Syllabus" At Karnataka
Science College, Dharwad.**

- 2) 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) Save Soil Under Value-Based Activity for NEP Students (23-06-2022)



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

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

Prof. G. S. Dasog addressed the gathering and enlightened the faculty and students on the grooving topic of “Save Soil”. He began with a saying; a bad bush is better than an open place, discourage the use of plastic, and grow plants. Also, he talked about the ‘Save Soil’ movement which was initiated by Sadguru, and how he took a journey of 30,000 km across 24 nations on a lone

motorcycle to create awareness of the issue. Prof. G. S. Dasog stressed the need to create more awareness programs on the importance of the campaign 'Save Soil.' He appealed to the students to discourage the use of plastics, which are posing a serious threat to the ecology. On this occasion, a large number of students and faculty members from different departments of Karnatak Science College, Dharwad took an oath to save soil. Dr. Jagaadesh L Kalyan, in charge Principal of Karnatak Science College, Dharwad delivered the vote of thanks.

Prof. G. S. Dasog empowered the students about the importance of saving soil from further degradation. Stating that the country's soil resource was declining rapidly, he said that the United Nations said that the soil must have at least three percent organic matter. However, the soil in the country has only 0.5 percent organic matter. "This not only affects agriculture production but also depletes the nutrients in the food we eat and cause impacts human health", he added and expressed concern over the possible risk of looming food security threat in the country.



Students attending Lecture on Conservation of Soil at
BCA Auditorium



- 4) **EXTENSION PROGRAM** Report on the Extension Program organized by the Staff members of the Department of Zoology, Karnatak Science College, Dharwad: The faculty members of the Department of Zoology, Karnatak Science College, Dharwad (KScCD) organized a “One day Extension and Skill Development leading to Self-Employment” programme on 23- 06-2022 at Lokur Village, which comes under Dharwad Taluka jurisdiction. The program was held as an initiative of the Internal Quality Assurance Cell (IQAC) of Karnatak Science College, Dharwad. The program was organized to benefit the government high school students of Lokur. The Chief Guest was Shri. Madan Parakaali and the Special Invitee was Shri. Irappa Narasinghannavar (SDMC deputydirector). Head Master of the School, Shri. S. N. Hadapad was also present.

The resource persons, who delivered lectures and presentations were Dr. Sameer Chebbi from the Department of Industrial Fish and Fisheries of KScCD, as well as Dr. Harsha Neelgund, Dr. Manohar Pattar (from Department of Microbiology, KScCD), and Dr. Neeta Kari from the Department of Zoology, KScCD. Their presentations were aided by suitable demonstrations and other Audio-Video tools.

Dr. S. C. Chougala, Principal of Karnatak Science College, Dharwad presided over the inaugural function. The Convener of the Program was Dr. (Smt.) R. D. Sanakal, the HOD of Zoology, Karnatak Science College, Dharwad. The Organizing Secretaries of the program, Dr. S. S. Mangalawade and Dr. Harsha Neelgund as well as the IQAC coordinator, Dr. L. T. Nayak and IQAC

member(Late) Dr.C. G. Patil were the dignitaries who were present during the program.



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.) M.S. Ganakal HOD, Department of Zoology, Microbiology, Industrial Plant & Fisheries and Dr. L.T. Nayak, IQAC Coordinator, Karnatak Science College Dharwad along with the student volunteers.

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

- 5) "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) 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.



Smt. Ambika R., Coordinator, PG Mathematics - Coordinator 2. Dr. (Smt.) Nafisabanu K., Teaching Assistant - Organizing Secretary 3. Dr. Raju B. J., Teaching Assistant - Member 4. Dr. (Smt.) Pushpa M. N., Teaching Assistant - Member We are thankful to IQAC, KSCD for initiating the programme. Also we are thankful to authorities of Karnatak Science College, Dharwad for their support and encouragement to conduct this programme.

- 8) Report of IQAC initiated two days enrichment training on “Mathematical operations with Scilab”, held on 17-18 May, 2022, organized by P. G. Department of Mathematics, Karnatak Science College, Dharwad (KSCD). The enrichment training on “Mathematical operations with Scilab”, was organized by P. G. Department of Mathematics, Karnatak Science College, Dharwad from 17th to 18th May, 2022 for the Post Graduate students of Mathematics. The programme was an initiative by IQAC, Karnatak Science, College, Dharwad. The purpose of the training was to expose the students to perform basic matrix and vector manipulation, to do basic 2D plotting, test algorithms or numerical computations.

More than 70 students attended the programme. The programme was inaugurated by Dr. S. C. Chougala, Principal, KSCD, Dr. P. G. Patil, Chairman, Dept. of Mathematics, Karnatak University, Dharwad and other invitees with coordinator. Eminent speakers such as Dr. Shreenivas Kersur (GIT, Belagavi), Dr. Kakasab Mirji (GIT, Belagavi), Dr. Shashikant (JSS, Dharwad), engaged the sessions on various mathematical operations with Scilab, such as how to write functions in Scilab, perform basic Matrix and Vector manipulation, write Scilab code utilizing basic loops such as, if and for, do basic 2D plotting, and methods to solve differential equations. There were total 04 sessions, each of three hours duration. 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: 1. Smt. Ambika R., Coordinator, PG Mathematics - Coordinator 2. Dr. Raju B. J., Teaching Assistant - Organizing Secretary 3. Dr. (Smt.) Nafisabanu K., Teaching Assistant - Member 4. Dr. (Smt.) Pushpa M. N., Teaching Assistant - Member 5. Mr. Ashoka K., Guest Faculty - Member We are thankful to IQAC, KSCD for initiating the programme. Also we are thankful

to authorities of Karnatak Science College, Dharwad for their support and encouragement to conduct this programme.





2020-21



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



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



Date: 10/5/2021

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

Subject: Invitation to be **Resource Person** for Webinar program to be conducted by PG-Department of Physics, in association with KSHEA from 12/5/2021 to 11/6/2021.

Dear Sir,

I'm happy to inform that PG-Department of Physics, in association with KSHEA is organizing webinar on "**Research Methodology in Physics**" from 12/5/2021 to 11/6/2021. This program is to motivate young students of Physics to take up research in Universities and Premier National Research Institutes in their future carrier. You are one of the accomplished scientists of the country and also a popular speaker on science education and research. I earnestly request and invite you to conduct this webinar program as resource person.

Thanking you


Head of the Department
HEAD
Department of Physics
Karnatak Science College, Dharwad



22-2-19

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



Phone: 0836-2215402
Fax : 0836-2744334

Email: gurukcd@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 Karnataka 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.


M. A. G.
Department of Physics
Kannada Science College, Bidar, Karnataka



20.2.2020

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.Naragutti.	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	Remuka.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.Guruvaredivar	P	P	P	A	P	P	A
20S16022	Shubha.S.Bhaintri.	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

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

Faculty members in charges

1. Dr. Lohit Naile *Lohit Naile*
2. Rangameth. C. Yedav *Rangameth. C. Yedav*
3. Manjunath Chavanprath *Manjunath Chavanprath*
4. Shweta Mekanapur *Shweta Mekanapur*


 HEAD
 Department of Physics
 Karnatak Science College, Dharwad



**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

Dr. C.G.Patil

Dept.of Botany

Karnatak Science College

Dharwad

Dr. E. T. Nayak

Co-ordinator, IQAC

Karnatak Science College

Dharwad

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**

Brief 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.

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

Attendance for:	class-list					
Date:	"2021-05-30"	"Time:"	"12:04"	"Meet ID:"	"fpx-vwvx-hmp"	
Names	"2021-05-30"	"Email"	"Comments"	"Arrival time"	"Last Seen"	"# of Checks"
Babu	" aoe""	""	""	"12:04"	"12:04"	"1"
Pooja Bhajantri	" aoe""	""	""	"12:04"	"12:04"	"1"
Veena.M. Bhandari	" aoe""	""	""	"12:04"	"12:04"	"1"
Rekha S Bhikshavatimath	" aoe""	""	""	"12:04"	"12:04"	"1"
Pallavi Chakravarthi	" aoe""	""	""	"12:04"	"12:04"	"1"
Akshata Chavan	" aoe""	""	""	"12:04"	"12:04"	"1"
Prajna Deshpande	" aoe""	""	""	"12:04"	"12:05"	"2"
Bn Dotikal	" aoe""	""	""	"12:04"	"12:05"	"2"

Dr. Ms. Annapurna Kishore N.S.A.M. First Grade College, Bengaluru	" äoe""	""	""	"12:04"	"12:05"	"2"
Prajwal Ganiger	" äoe""	""	""	"12:04"	"12:04"	"1"
Guruprakashreddy	" äoe""	""	""	"12:04"	"12:04"	"1"
Akshata Hiremath	" äoe""	""	""	"12:04"	"12:04"	"1"
Nirupama Jagadeeswar	" äoe""	""	""	"12:04"	"12:04"	"1"
Nivedita Javali	" äoe""	""	""	"12:04"	"12:04"	"1"
Kavya Karikai	" äoe""	""	""	"12:04"	"12:04"	"1"
Kavita Lamani Kavita	" äoe""	""	""	"12:04"	"12:04"	"1"
Mallika Kengal	" äoe""	""	""	"12:04"	"12:04"	"1"
Vivek M.D	" äoe""	""	""	"12:04"	"12:05"	"2"
Naveen Kumar Menasinakai	" äoe""	""	""	"12:04"	"12:04"	"1"
Gs Mulgund	" äoe""	""	""	"12:04"	"12:05"	"2"
Deepak Narayankar	" äoe""	""	""	"12:04"	"12:05"	"2"
Lokesh Nayak	" äoe""	""	""	"12:04"	"12:05"	"3"
Kotresh Obelannavar	" äoe""	""	""	"12:04"	"12:04"	"1"
Akshay A P	" äoe""	""	""	"12:04"	"12:04"	"1"
Arundhati Patil	" äoe""	""	""	"12:04"	"12:04"	"1"
Chandrashekhar Patil	" äoe""	""	""	"12:04"	"12:04"	"3"
Kavita H Patil	" äoe""	""	""	"12:04"	"12:04"	"1"
Channabasavva Pattanashetti	" äoe""	""	""	"12:04"	"12:04"	"1"
Adarsh Pundalik	" äoe""	""	""	"12:04"	"12:04"	"1"
Rajesh Mannekote Ramamurthy	" äoe""	""	""	"12:04"	"12:04"	"1"
Ranganath	" äoe""	""	""	"12:04"	"12:05"	"2"
Amol Rathod	" äoe""	""	""	"12:04"	"12:05"	"2"
Nagaraja S	" äoe""	""	""	"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	"âœ"	""	""	"12:04"	"12:04"	"1"
Help/more info:	"https://tinyurl.com/y5peu3nk"					
© Google Meet Attendance	https://tinyurl.com/y6k2yqts					

2019-20

One Day Seminar on

Career Guidance and Skill Development

(14th February 2020)

Report for the Career Guidance and Skill Development

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.



Inaugurating



Smt.Shweta from Venus IT Solutions delivering the Lecture.

Two Day Workshop on Communication and Interview Skills (29th Feb and 1st Mar 2020)

Report:

The BCA & B.Sc.(CS) department is Conducting the various co-curricular activities & career oriented programmes to students. The dept conducted two day workshop on 29th Feb and 1st Mar 2020 for BCA & B.Sc.(CS) final year students for the academic year 2019-20.

Inauguration: "Communication and Interview Skills" was inaugurated on 29th Feb 2020 by Dr. T.M Bhaskar, Vice-Chancellor Karnatak University Dharwad as chief guest. Special invitees Shri. S.M. Deshpande and Shri. Ravikumar Maliger and Resource person Mr.Praveenkumar M from Mysore were present. President of "Communication and Interview Skills" Dr. C.F.Mulimani Principal, Karnatak Science College, Dharwad presided over the function. Smt. Kalpana C Dalwai Coordinator of BCA & B.Sc.(CS) were present in the function.



Chief guest Dr.T.M.Bhaskar, spoke about how the communication differ from different languages and what are the student facing communication problems in IT field. Bhaskar sir also spoke about history of KCD and KUD.

Special invitee Shri. Ravikumar Maliger, Syndicate member, Karnatak University Dharwad spoke about Communication skills in other country, how interview skills are very much important to develop career and profession. Sir inform to students to join to NCC and NSS in college life and also told that to make use of this workshop to develop your mental abilities and own creativities.

Dr.C.F.Mulimani expressed the presidential remarks, Coordinator Smt.Kalpana C Dalwai welcomes the dignitaries, Dr.Nagaraj and Shri.Rajashekhar Barker introduce guest. Student Scretary Mr.Anandgouda Patil gives the vote of thanks. Smt.Lalitha R Naik and Smt.Ambika R and other teaching and non-teaching staff were presence. Smt.Anupama S and Smt. Rekha was an anchored the programme.

Day 1: 29th Feb 2020

In morning session inauguration was held. In afternoon session creativity activity was conducted. All students were participated in this activity. Students created different ornaments, cosmetics, using NEWS paper and created their own lyric song and tune composed by our students. Students are enjoyed lot in this session.



Song singing by our students



Students created the ornaments

Day 1: 1st Mar 2020

In morning session sir grouped the students in different batches and gives physical activity, students were actively participated in this session. And in afternoon session Mr. Praveen explained about interview skills and how to face the interviews, do's and don'ts in the interview. At the end of the workshop many number of students were give the good feedback about workshop and Coordinator Smt. Kalpana C Dalwai issued the certificate to all the students and validate the workshop.





KARNATAK UNIVERSITY'S

KARNATAK SCIENCE COLLEGE, DHARWAD

Department of Physics/Computer Science

WORKSHOP ON PYTHON PROGRAMMING



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

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
21.	Ghridhar. H. K	B.Sc III	25	9632488689	
22.	Shivanand S. S	B.Sc III	24	8147835980	
23	Madhumati. P. Angadi	B.Sc III	20	9663266407	
24.	Lakshmi. Y. G	B.Sc III	01	9606158024	
25	Sunila. S. Jiddi	B.Sc III	13	9349699466	
26.	Sushma. C. Biradar	B.Sc III	27.	8147043171	
27	Sangeeta. Badiger	B.Sc-III	37	7259481359	
28.	Nisha. B. Patil.	B.Sc. III	21	9902356292	
29.	R. Vaishnavi	B.Sc III	23	6302905725	
30	Ashwini S. Madhoo	B.Sc III	31	8971697070	
31	Ankita. Kannat	B.Sc-III	29	9686516801	
32	Nedraawati Y. S	B.Sc-V	282	7090127424	

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)

LIST OF STUDENTS REGISTERED FOR WORKSHOP

SL NO	Name of the Student	Class	Roll No.	Contact Number	Signature
1	Sonal. V. Wagh	II sem	382	6361553453	
2	shama. patil	B.Sc V sem	331	8971880740	
3	Megha. Tirapuru	B.Sc V sem	328	9148293390	
4	Archana. mugali	B.Sc V sem	326	8660379964	
5	Biya. darshini. N.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. Bhad	B. Sc III sem	34	9482933156	
10	Gayatri. V. Shetti	B. Sc III sem	05	8600611262	
11.	Swati. I. Hubballi	B.Sc III sem	14	9739891129	
12.	Shanki. S. Hegde	B.Sc III sem	02	9742110396	
13	Ashya. kulkarni	B.Sc III sem	03	9513229161	
14	Pavan. Desai	B.Sc III sem	10	8105596115	
15	Manjunath. Javali	B. Sc - V sem	279	9148994952	
16	shanta. b. kabbarad	B.Sc V sem	220	8197073309	
17	Shweta. I. Hugar	B.Sc V sem	227	9535407238	
18	Swati. Khekade	B.Sc V sem	229	9591217635	
19	Sheela. M. Kaddipudi	B.Sc V sem	285	9164901332	
20	Akshata. M. Pelli	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
Maryanthe J. rali	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
Shanta B. Keshinad	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
Shweta T. Hugar	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
Susanti Chitambar	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
Mishaela M. Kattipati	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
Shyama N. Patil	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
Ashwinihaas H. Kamad	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
Shrinandana S	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
Pratibha P. Avghar	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
Lakshmi Y. G	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
Sunita S. Telki	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
Sushma C. Bhandari	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
Sangraha Pachger	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
Alpita B. Patil	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present

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
Sonal V. Kogsh	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
Shama Patil	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
Megha Tadapur	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
Anshu Mufale	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
Bhargavani S. S	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
Pratya Y. Hugar	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
Divyashree B. G	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
Vaishnavi S. K	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
Shradha A. Al. Bhal	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
Gayatri V. Bhal	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
Susanti T. Kulkarni	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
Shruti S. Hegde	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
Ashya Kulkarni	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
Pavna Desai	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present

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
R. Washnani	present	present	present	present	present	present	present	present	present	present
Ashwini S. Madhok	present	present	present	present	present	present	present	present	present	present
Ankita Karnat	present	present	present	present	present	present	present	present	present	present
Abhrajit Y. S	present	present	present	present	present	present	present	present	present	present

1) K. K. K. 2) Rashid 3) ...
Signature of the resource persons


Signature of the HOI

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.

PICTURES TAKEN DURING WORKSHOP(DECEMBER 2019)

Classes conducted during workshop



Valedictory function of workshop on python programming



● ○ REDMI NOTE 6 PRO
MI DUAL CAMERA



Welcoming our honorable chief guest principal karnatak science collage dharwad and head of department(physics)



Inspirable quoting by our beloved chief guest



Motivational speech by our beloved HOD



Experience shared by student about work shop



Certificate issued by our honorable guest



Vote of thank



*Karnataka University's
Karnataka Science Collage Dharwad
Department Of Physics*

Feedback Form On Python Programming Workshop

Name Of The Student : Pavan Desai

Roll number : 10

Class : B.Ec-III Sem

1. Would you like to attend further any such workshop ?
 Yes No
2. Do you think days of workshop were sufficient ?
 Yes, they were sufficient No, we needed more days Maybe we needed less
3. How much do you think that the resource person was knowledgeable on the topic?
 Average Good Excellent Extraordinary
4. How is the material provided by the resource person?
 Easy To Understand Moderate Difficult To Understand
5. Does the resource person provide additional information?
 Yes No
6. How was the content delivered by resource person?
 Not Good Ordinary Extra Ordinary Excellent
7. Did you find workshop as interactive?
 Yes No
8. How useful do you think that the work shop was
 Not Useful Useful Very Useful Beyond Expectation

General Opinion:

This workshop was very interactive, although we needed more knowledge, resource but it was a good workshop


Signature Of the Student

Karnataka University's
Karnataka Science Collage Dharwad
Department Of Physics

Feedback Form On Python Programming Workshop

Name Of The Student :

Jayatri V. Shetti

Roll number : 05

Class : B.Sc III sem.

1. Would you like to attend further any such workshop ?
 Yes No
2. Do you think days of workshop were sufficient ?
 Yes, they were sufficient No, we needed more days Maybe we needed less
3. How much do you think that the resource person was knowledgeable on the topic?
 Average Good Excellent Extraordinary
4. How is the material provided by the resource person?
 Easy To Understand Moderate Difficult To Understand
5. Does the resource person provide additional information?
 Yes No
6. How was the content delivered by resource person?
 Not Good Ordinary Extra Ordinary Excellent
7. Did you find workshop as interactive?
 Yes No
8. How useful do you think that the work shop was
 Not Useful Useful Very Useful Beyond Expectation

General Opinion:

It would be more easy if we were provided P.C's.

Jayatri
Signature Of the Student

Karnataka University's
Karnataka Science Collage Dharwad
Department Of Physics

Feedback Form On Python Programming Workshop

Name Of The Student : Ankita. kamat. Roll number : 29.
Class : Bsc - III Sem.

1. Would you like to attend further any such workshop ?
 Yes No
2. Do you think days of workshop were sufficient ?
 Yes, they were sufficient No, we needed more days Maybe we needed less
3. How much do you think that the resource person was knowledgeable on the topic?
 Average Good Excellent Extraordinary
4. How is the material provided by the resource person?
 Easy To Understand Moderate Difficult To Understand
5. Does the resource person provide additional information?
 Yes No
6. How was the content delivered by resource person?
 Not Good Ordinary Extra Ordinary Excellent
7. Did you find workshop as interactive?
 Yes No
8. How useful do you think that the work shop was
 Not Useful Useful Very Useful Beyond Expectation

General Opinion:

The workshop was One of the most interesting workshop. It gave everybody the chance to learn new technique. It uses in further studies also like any interview, attending etc.

Signature Of the Student

Ankita

Karnataka University's
Karnataka Science Collage Dharwad
Department Of Physics

Feedback Form On Python Programming Workshop

Name Of The Student : MADHUMATI. R. A

Roll number : 20

Class : BSC III sem

1. Would you like to attend further any such workshop ?
 Yes No
2. Do you think days of workshop were sufficient ?
 Yes, they were sufficient No, we needed more days Maybe we needed less
3. How much do you think that the resource person was knowledgeable on the topic?
 Average Good Excellent Extraordinary
4. How is the material provided by the resource person?
 Easy To Understand Moderate Difficult To Understand
5. Does the resource person provide additional information?
 Yes No
6. How was the content delivered by resource person?
 Not Good Ordinary Extra Ordinary Excellent
7. Did you find workshop as interactive?
 Yes No
8. How useful do you think that the work shop was
 Not Useful Useful Very Useful Beyond Expectation

General Opinion:

The workshop was one of the most interesting workshop, which i have attended first time. I have got very meaningful. & knowledgeable information.

Signature Of the Student

Madhumi

Karnataka University's
Karnataka Science Collage Dharwad
Department Of Physics

Feedback Form On Python Programming Workshop

Name Of The Student : Abitya Iankarni
Class : BSc IInd Sem

Roll number : 03

1. Would you like to attend further any such workshop ?
 Yes No
2. Do you think days of workshop were sufficient ?
 Yes, they were sufficient No, we needed more days Maybe we needed less
3. How much do you think that the resource person was knowledgeable on the topic?
 Average Good Excellent Extraordinary
4. How is the material provided by the resource person?
 Easy To Understand Moderate Difficult To Understand
5. Does the resource person provide additional information?
 Yes No
6. How was the content delivered by resource person?
 Not Good Ordinary Extra Ordinary Excellent
7. Did you find workshop as interactive?
 Yes No
8. How useful do you think that the work shop was
 Not Useful Useful Very Useful Beyond Expectation

General Opinion:

Yes, It was very wonderful & useful for me, This workshop was so interactive & we got knowledge & learn a lot things. But it was a good workshop.

Signature Of the Student

Abitya Iankarni

**Karnataka University's
Karnataka Science Collage Dharwad
Department Of Physics**

Feedback Form On Python Programming Workshop

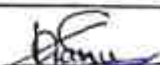
Name Of The Student : Shweta S. Hegde
Class : Bsc III sem

Roll number : 02

1. Would you like to attend further any such workshop ?
 Yes No
2. Do you think days of workshop were sufficient ?
 Yes, they were sufficient No, we needed more days Maybe we needed less
3. How much do you think that the resource person was knowledgeable on the topic?
 Average Good Excellent Extraordinary
4. How is the material provided by the resource person?
 Easy To Understand Moderate Difficult To Understand
5. Does the resource person provide additional information?
 Yes No
6. How was the content delivered by resource person?
 Not Good Ordinary Extra Ordinary Excellent
7. Did you find workshop as interactive?
 Yes No
8. How useful do you think that the work shop was
 Not Useful Useful Very Useful Beyond Expectation

General Opinion:

This workshop was good and useful.


Signature Of the Student

Karnataka University's
Karnataka Science Collage Dharwad
Department Of Physics

Feedback Form On Python Programming Workshop

Name Of The Student : Sangeeta. Badiger


Roll number : 87

Class : 1st year BSc-IIIrd sem

1. Would you like to attend further any such workshop ?
 Yes No
2. Do you think days of workshop were sufficient ?
 Yes, they were sufficient No, we needed more days Maybe we needed less
3. How much do you think that the resource person was knowledgeable on the topic?
 Average Good Excellent Extraordinary
4. How is the material provided by the resource person?
 Easy To Understand Moderate Difficult To Understand
5. Does the resource person provide additional information?
 Yes No
6. How was the content delivered by resource person?
 Not Good Ordinary Extra Ordinary Excellent
7. Did you find workshop as interactive?
 Yes No
8. How useful do you think that the work shop was.
 Not Useful Useful Very Useful Beyond Expectation

General Opinion:

Python programming workshop is very useful to us. Because in our future we face interview. In that situation it is very helpful to us resources provided by faculty it is ^{easy to} ~~very~~ understandable.


Signature Of the Student

Karnataka University's
Karnataka Science Collage Dharwad
Department Of Physics

Feedback Form On Python Programming Workshop

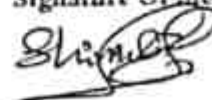
Name Of The Student : Shivanand. S. Sengayyaprasad Roll number : 24
Class : B.Sc IVth Sem

1. Would you like to attend further any such workshop ?
 Yes No
2. Do you think days of workshop were sufficient ?
 Yes, they were sufficient No, we needed more days Maybe we needed less
3. How much do you think that the resource person was knowledgeable on the topic?
 Average Good Excellent Extraordinary
4. How is the material provided by the resource person?
 Easy To Understand Moderate Difficult To Understand
5. Does the resource person provide additional information?
 Yes No
6. How was the content delivered by resource person?
 Not Good Ordinary Extra Ordinary Excellent
7. Did you find workshop as interactive?
 Yes No
8. How useful do you think that the work shop was
 Not Useful Useful Very Useful Beyond Expectation

General Opinion:

I like it a lot. It's by far my preferred language. Both in terms of syntax & functionality.

Signature Of the Student



(Shivanand. S S)

International Year of Periodic Table: 2019

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	Teacher Team Leader
1. CFTRI, and CIPET, Mysore.	Dr. R.G. Kalkhambkar
2. Mangalore Petro Chemicals Ltd., Mangalore Mangalore Chemicals & Fertilizers Ltd. Mangalore	Dr. S.D. Dhumwad
3. Renuka Sugars, Gokak	Dr. V. A. Aminabhavi

4. TSS,Beetal Nut Processing Industry's Sirsi and Pineapple Jam Factory, Banavasi
5. E.I.D. Parry's Sugar Industries, Haliyal.

Dr. O.Kotresh

Dr. K.S. Katagi

Ms.PrateekshaHebbar
Student secretary

Dr. S. M. Tuwar
Chairman, Madam Curie
Chemistry Study Circle



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



Periodic Table of the Elements

H																	He
Li	Be											B	C	N	O	F	Ne
Na	Mg											Al	Si	P	S	Cl	Ar
K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Kr
Rb	Sr	Y	Zr	Nb	Mo	Tc	Ru	Rh	Pd	Ag	Cd	In	Sn	Sb	Te	I	Xe
Cs	Ba	La	Hf	Ta	W	Re	Os	Ir	Pt	Au	Hg	Tl	Pb	Bi	Po	At	Rn
Fr	Ra	Ac	Rf	Db	Sg	Bh	Hs	Mt	Ds	Rg	Cn	Nh	Fl	Mc	Lv	Ts	Og
		La	Ce	Pr	Nd	Pm	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	
		Ac	Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Md	No	Lr	
		Alkali Metals	Alkaline Earths	Transition Metals	Metals	Metalloids	Nonmetals	Halogens	Noble Gases	Lanthanides	Actinides						

International Year of Periodic Table : 2019



**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



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 ON ONE DAY WORKSHOP ON RESEARCH FACILITY TRAINING
PROGRAMME (RFTP) FOR RESEARCH SCHOLARS
Under SERB Scientific Social Responsibility (SSR) Activity**

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.

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 Dept 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

Coordinator

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.

2018-19

One day Workshop on “UG Chemistry Practical techniques, performance, evaluation and guidelines”



One day workshop on “nuclear energy for empowering future” (NEEF-2018)



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

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

Sl No.	Reg. No.	Roll No.	Name of the Student	Mobile Number	Signature	Remarks
1	16S10001	172	Abdulrajak. Bagawan	9535098237	<i>[Signature]</i>	CZTF CBGm - paid
2	16S10002	40	Abhishek. N			PCM
3	16S10005	213	Adarsh. Amatenavar	9123079551	<i>[Signature]</i>	Paid
4	16S10011	167	Aishwarya. Hiremath			PCM
5	16S10012	166	Aishwarya. Chintoonavar	974219230	<i>[Signature]</i>	CGG
6	16S10017	214	Akshata. Dodawad	7795878815	<i>[Signature]</i>	PCM
7	16S10020	134	Akshata. Sheelavantar	9743597484	<i>[Signature]</i>	CGG
8	16S10026	216	Anand Nayak			PCM
9	16S10032	217	Anupama. Manjlenavar	9164093208	<i>[Signature]</i>	Paid
10	16S10034	149	Anusha. Desai	9481574591	<i>[Signature]</i>	PCM
11	16S10039	218	Asadullasha. Makanadar	7619690009	<i>[Signature]</i>	paid
12	16S10044	135	Basavaraj	9916165106	<i>[Signature]</i>	CZTF
13	16S10049	150	Bhimappa. Kolyar	7204613452	<i>[Signature]</i>	
14	16S10052	173	Bhushan. Uppar			
15	16S10053	151	Bhuvanesh. J. M.	961105167	<i>[Signature]</i>	CZTF
16	16S10056	32	Bibi. Avesha. Nargund	7795750035	<i>[Signature]</i>	CBG
17	16S10059	219	Chaitra. Menasinakai	8296568849	<i>[Signature]</i>	PCM
18	16S10061	220	Chandraraj. Sugabala	8867894659	<i>[Signature]</i>	PCM
19	16S10062	41	Charles	8746816919	<i>[Signature]</i>	CBGm Paid
20	16S10071	221	Divya. Naik			
21	16S10072	152	Dhruve. Ravi			
22	16S10074	215	Akshata. G	7892406845	<i>[Signature]</i>	PCM
23	16S10075	139	Satyappa. G	220423503	<i>[Signature]</i>	Paid
24	16S10076	33	Ganga. Muttagi	992011422	<i>[Signature]</i>	CBG
25	16S10079	222	Geeta. Konraddi			
26	16S10080	174	Gopal. Holamani	76106802257	<i>[Signature]</i>	CZTF
27	16S10081	223	Goutami. Badiger	2123380989	<i>[Signature]</i>	PCM
28	16S10086	177	Prasanth Kumar. H	9611400440	<i>[Signature]</i>	CZTF - paid
29	16S10087	34	Hanumanpouda			
30	16S10088	224	Hanananth. M.			
31	16S10093	153	Indumati. Madiwalor			
32	16S10097	225	Jayanth. Konraddi	8884095891	<i>[Signature]</i>	PCM
33	16S10100	226	Jyoti. Kalawad	9939303656	<i>[Signature]</i>	PCM
34	16S10105	136	Kavita. Channalli	7090513174	<i>[Signature]</i>	CGG
35	16S10106	227	Kavita. Gadagin	9844009031	<i>[Signature]</i>	PCM
36	16S10113	229	Koushik. Pandit	9984799899	<i>[Signature]</i>	PCM
37	16S10114	137	Krishna. Uppar	8792277357	<i>[Signature]</i>	CGG
38	16S10117	168	Mahantesh. Kurubir	7996678514	<i>[Signature]</i>	CGG

SL No.	Reg. No.	Roll No.	Name of the Student	Mobi. No.	Signature	Remarks
39	16S10122	154	Malutesh, Prabhannavar	7462192666		Paid
40	16S10123	35	Malutesharaddi Goravi	8921392349		Paid
41	16S10124	230	Mallanagoud, Patil	8867977034		K.C.D. (PCM)
42	16S10126	231	Mallikarjun, Chippalakatti			Paid
43	16S10130	138	Manjappa, Patil	9850176917		Paid
44	16S10131	42	Manjula, Kambi	9035290988		CB Gen
45	16S10133	175	Manjunath, T	7108619153		CZIF paid
46	16S10136	155	MANJUNATH NAIK	9790927357		CZIF
47	16S10140	156	Maruthi, Chalageri	8495979277		CZIF
48	16S10142	43	Maruti, Akkalagi			
49	16S10144	232	Megha, Bangari	9867943501		PCM
50	16S10147	233	Megha, Talikoti			
51	16S10151	176	Misba, Khan	7625036696		CZIF
52	16S10155	157	Nagaraj, Karlingannanavar			Paid
53	16S10158	234	Nagaveni, Marasagayyanavar			
54	16S10160	235	Namrata, Mundargi	8660955516		PCM
55	16S10161	236	Namrata, Phadke			Paid
56	16S10164	237	Naveen, Mudmor	9164292082		Paid
57	16S10167	169	Neelambika, Telgar	9980990936		CZ Gen
58	16S10168	170	Neha, Managuli			Paid
59	16S10171	238	Netravati, Hallur	9900335256		PCM
60	16S10172	36	NidaFreen, Mulla	7795718233		CBG
61	16S10173	239	Nirmala, Lamani	9595361438		PCM
62	16S10174	44	Nithisha, Bannimatti			
63	16S10176	240	Nivedita, Timmanagoudra	9731921395		PCM
64	16S10180	241	Pavan, Sabnis	9019841081		PCM
65	16S10186	45	Pooja, Joshi	9611904300		CB Gen
66	16S10191	242	Pooja, Bentoor			
67	16S10204	46	Preeti, Sollapure	9343502968		CB Gen
68	16S10205	243	Preeti, Hottigoudra			
69	16S10208	244	Priya, Darur	9972401864		PCM
70	16S10216	245	Raghavi, Rathakar	9449533527		PCM
71	16S10217	246	Rahul, Karoshi	7891048943		Paid
72	16S10221	37	Rajesh, Choudi			
73	16S10222	178	Rajeshwari, Garag	7406675764		Paid (CZIF)
74	16S10223	247	Rajeshwari, Hiliyal	9972389763		PCM
75	16S10226	248	Raju, Dodamani			
76	16S10227	249	Rakesh, Byadgi			Paid
77	16S10228	250	Rakesh, Unni	9902482283		Paid
78	16S10239	251	Ratna, Chimmappanavar	9686177587		PCM
79	16S10241	47	Ravi, Biradar	9741023407		CB Gen
80	16S10243	252	Remuka, Hoonkali	9071250635		PCM
81	16S10246	253	Rohini, D. G.	9108665107		PCM

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

Sl. No.	Reg. No.	Roll No.	Name of the Student			
82	16S10247	158	Rudramurthy Mutagi			Paid
83	16S10251	254	Sahana Kulkarni	9986677182	SB	PCM
84	16S10256	255	Sandhya Channagiri	9538747049	Subsidy	PCM
85	16S10262	256	Sanjeev Bandivada	8259801863	Subsidy	Paid
86	16S10263	159	Santoshkumar Hiremath	8196836163	SB	CZFS
87	16S10264	48	Santoshkumar Gataraddi	817408451	SB	CBSen
88	16S10265	257	Sapana Gundar	9108390267	Subsidy	PCM
89	16S10269	259	Savita Lamani	8030433810	Subsidy	PCM
90	16S10270	258	Savita I. Pujar		Subsidy	Paid
91	16S10271	160	Savitri Hyagadi			Paid
92	16S10284	260	Shilpa Pujar	938042575	Subsidy	PCM
93	16S10286	49	Shivananda K. D			
94	16S10292	261	Shreedevi Kandki			
95	16S10299	50	Shubha Khatawkar	7204544818	Subsidy	CBSen
96	16S10304	262	Shweta Marjedi	8095820261	Subsidy	PCM
97	16S10308	263	Shwetaha Janagi	9902339877	SB	PCM
98	16S10309	161	Sidda Sumangali			
99	16S10312	162	Sneha Shirikar	82123049814	Subsidy	CZFS
100	16S10313	264	Sneha Tayammanavar	7816029169	SB	PCM
101	16S10318	163	Sudha Doddanani	7785778748	SB	CZFS
102	16S10320	179	Sujatha Kattimani	8050013746	Subsidy	CZIF
103	16S10323	164	Sumangali Unnibhavi	9538825129	Subsidy	Paid
104	16S10326	38	Suneel Bisanalli			
105	16S10327	265	Sunil Kannanaykanvar	8123529101	Subsidy	Paid
106	16S10336	180	Suresha Nayak	8970319309	Subsidy	CZIF (paid)
107	16S10337	266	Susheelkumar Aimalli	9482905119	Subsidy	Paid
108	16S10338	181	Sushma Kittur	7406662598		Paid (CZIF)
109	16S10339	51	Sushma Tavare	9740059522	Subsidy	CBSen
110	16S10340	267	Susmita Benakatti	7309076930	Subsidy	PCM
111	16S10341	268	Suvarna Kokati	8550871068	SB	PCM
112	16S10345	228	Kedara Shivasharma T	827329086	Subsidy	PCM
113	16S10350	52	Tejaswini Kulkarni	9598169987	TK	CBS
114	16S10351	269	Tippanna Chikanal			
115	16S10353	171	Umesh Bandivaddara			Paid
116	16S10356	165	Ventela Afrin	8150411423	Subsidy	CZIF
117	16S10369	270	Vijayraj Kambale	9482095528	Subsidy	Paid
118	16S10380	39	Yallappa Gogri			Paid
119	16S10382	271	Yashodha Kumbhar	9480471302	Subsidy	Paid

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

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

Sl.No.	Reg. No.	Roll No	Name of the Student	Mobile Number	Signature	Remarks
1	15S15252	352	Jyoti Khanamnavar			
2	16S10004	79	Abujar. Ustad	8931958496	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	8951257996	Akshya	
8	16S10024	64	Amit. Naidigadkar	959744839	Amit	
9	16S10027	81	Anil. Lamani	8619627295	Anil	
10	16S10028	55	Anitha. Kuradammanavar	7804994863	Anitha	
11	16S10030	65	Ankita. Joshi	9481161997	Ankita	
12	16S10031	140	Annapoorna. Hittinmath	8277361502	Annapoorna	
13	16S10033	66	Anusha. B.	9980459227	Anusha	
14	16S10035	82	Anusha. Patil	9481887538	Anusha	
15	16S10040	184	Asha. Baradhi	8152017370	Asha	
16	16S10041	83	Ashwini. Pujara	8970021833	Ashwini	
17	16S10043	18	Lokesh. B.			
18	16S10045	84	Basavara. Meti	7411657654	Basavara	
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	9431485374	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. Pajar	7619548501	Deepa	
28	16S10068	23	Deepa. Mukari			
29	16S10069	141	Deepti. Bellad	7019483039	Deepti	
30	16S10070	142	Deshubhooshan. Kamagond			
31	16S10073	88	Fakkirayya. Hombal	8151862449	Fakkirayya	
32	16S10078	89	Gangamma. Hanneer	8304759183	Gangamma	
33	16S10082	143	Gulnaz. Khan	9535473518	Gulnaz	
34	16S10083	90	Gurujyothi. K.	9692045761	Gurujyothi	
35	16S10084	144	Gurudevi. Totad	8073278246	Gurudevi	
36	16S10089	17	Harishu. Muniyannayara	9845269925	Harishu	

SLN o.	Reg. No.	Roll No.	Name of the Student	mobile no.	Signature	Remarks
37	16S10090	188	Harshita Halemani	9916421152	<i>Harshita</i>	
38	16S10091	91	Heenakousar. Sanadi	9916243502	<i>u.sanadi</i>	
39	16S10096	189	Jahnavi Purohit	7204783238	<i>Jahnavi</i>	
40	16S10098	92	Jeevan. Chavhan	9632031097	<i>Jeevan</i>	
41	16S10103	67	Kaveri. R. S.	9108081521	<i>Kaveri</i>	
42	16S10104	93	Kavita.Hadapad	9164737152	<i>Kavita</i>	
43	16S10107	94	Kavya S. Patil	9611228613	<i>Kavya</i>	
44	16S10110	95	Kereyamma. N	7259771052	<i>Kereyamma</i>	
45	16S10115	96	Laxmi. Mugali	8247979231	<i>Laxmi</i>	
46	16S10118	56	Mahesh. Damharamattur			<i>paid</i>
47	16S10125	57	Mallappa. Meesiyavar	8193247024	<i>Mallappa</i>	
48	16S10128	97	Mallikarjun. Ulasandra	9238636285	<i>Mallikarjun</i>	
49	16S10129	190	Mangala. Gali	9900426807	<i>Mangala</i>	
50	16S10137	68	Manjunath. Keri	7353528942	<i>Manjunath</i>	
51	16S10138	98	Manjunath. Kagawade	9739600063	<i>Manjunath</i>	
52	16S10145	58	Megha. Patil	8746853581	<i>Megha</i>	
53	16S10148	99	Meghana. Hiremath	8495899310	<i>Meghana</i>	
54	16S10154	25	Mubeenbani. Karigar	8722521815	<i>Mubeenbani</i>	
55	16S10163	59	Naveen. Ili	9900131360	<i>Naveen</i>	
56	16S10165	26	Naveena. E.	9243927265	<i>Naveena</i>	
57	16S10175	100	Nitin. Kurane	8050577403	<i>Nitin</i>	
58	16S10187	101	Pooja. Kallimani	8970641362	<i>Pooja</i>	
59	16S10190	347	Pooja R. Kafagoudar	8277225759	<i>Pooja</i>	
60	16S10192	102	Pooja. Pawar	9528009136	<i>Pooja</i>	
61	16S10193	103	Poornima. D. Kuradagi	8612326913	<i>Poornima</i>	
62	16S10195	60	Prachi. Bendre	8277587242	<i>Prachi</i>	
63	16S10198	104	Pragya. Tiwari	9902365145	<i>Pragya</i>	
64	16S10200	105	Prashant. Muragod	9731552429	<i>Prashant</i>	
65	16S10203	69	Praveen. Lakkappanavar	7406349928	<i>Praveen</i>	
66	16S10206	146	Preeti. Bhat	7411493340	<i>Preeti</i>	
67	16S10211	106	Priyanka. Pawar	7096079457	<i>Priyanka</i>	
68	16S10212	70	Priyanka. Tumbalad	8496855505	<i>Priyanka</i>	
69	16S10218	27	Rajahussain	7549008567	<i>Rajahussain</i>	
70	16S10225	107	Rajshikhar	9611293472	<i>Rajshikhar</i>	
71	16S10230	108	Ramanna			
72	16S10231	109	Ramesha	8105034775	<i>Ramesha</i>	
73	16S10235	71	Rami. Sonagar	80724457225	<i>Rami</i>	
74	16S10238	110	Rashmi. Hegde	9591168819	<i>Rashmi</i>	
75	16S10240	111	Ratna. Kodabi	8762867306	<i>Ratna</i>	
76	16S10244	112	Rinaykumar. Yadav	9169682595	<i>Rinaykumar</i>	<i>paid</i>
77	16S10254	72	Samana. Kulakarni	7102892268	<i>Samana</i>	
78	16S10257	147	Singamesh. Magannoor	9845263925	<i>Singamesh</i>	

79	16S10258	113	Saniha Bhatakhandi	9743221125	<i>[Signature]</i>	
80	16S10266	61	Saraswati Ganiger	9740626202	<i>[Signature]</i>	
81	16S10268	114	Sathyamurthy Kenchannavar	9590632817	<i>[Signature]</i>	
82	16S10277	62	Shanawaz Rafiq Kadapa	✓	✓	paid.
SLN o.	Reg. No.	Roll No.	Name of the Student	mobile No.	Signature	Remarks
83	16S10278	19	Sharanabasappa	7259419594	<i>[Signature]</i>	
84	16S10281	116	Shilpa Yallappa	9343921230	<i>[Signature]</i>	
85	16S10282	28	Shilpa Math	9611444128	<i>[Signature]</i>	
86	16S10283	115	Shilpa Kusanur	9880366187	<i>[Signature]</i>	
87	16S10289	117	Shivashkti Teli	9900993196	<i>[Signature]</i>	
88	16S10290	118	Shobha S	9535414062	<i>[Signature]</i>	
89	16S10294	73	Shrees hilaraddi Kencharaddi			
90	16S10295	119	Shreya Jambagi	7795494146	<i>[Signature]</i>	
91	16S10301	121	Shweta Bashetti	9611835070	<i>[Signature]</i>	
92	16S10303	74	Shweta Hosamani	7760162364	<i>[Signature]</i>	
93	16S10305	120	Shweta Nayak	8971757987	<i>[Signature]</i>	
94	16S10306	191	Shweta Neeralakatti	7090609992	<i>[Signature]</i>	
95	16S10311	192	Sindhoora Hegde	9482995683	<i>[Signature]</i>	
96	16S10315	122	Soumya Hugar	7431681346	<i>[Signature]</i>	
97	16S10316	123	Soumyashree Chalawadi			
98	16S10317	75	Souradnya Girav			
99	16S10319	29	Sujan Salimath	8073200399	<i>[Signature]</i>	
100	16S10321	124	Suma Bhujanganavar	9448782469	<i>[Signature]</i>	
101	16S10322	193	Suman Patil	9060909905	<i>[Signature]</i>	
102	16S10332	63	Suraj Pujar	9986006109	<i>[Signature]</i>	
103	16S10333	30	Suresh Tariwal	8553918384	<i>[Signature]</i>	paid
104	16S10335	125	Surekh Pawar	9960329522	<i>[Signature]</i>	
105	16S10342	126	Swapna Goudar	9743262564	<i>[Signature]</i>	
106	16S10343	127	Swathi Totager	7349585513	<i>[Signature]</i>	
107	16S10347	128	Tasleem Nadaf	8050503324	<i>[Signature]</i>	
108	16S10349	129	Tejashwini Belaval	7349422372	<i>[Signature]</i>	
109	16S10352	76	Trupthi B. A	7022394463	<i>[Signature]</i>	
110	16S10354	31	Usha	8904649913	<i>[Signature]</i>	
111	16S10357	77	Varsha Gudipati	9844269727	<i>[Signature]</i>	
112	16S10363	194	Vidya Khadake	9986850653	<i>[Signature]</i>	
113	16S10366	130	Vijayalaxmi Madagunki			
114	16S10372	131	Vinodkumar Kulkarni	9482195286	<i>[Signature]</i>	
115	16S10373	20	Veeresh Badiger	7022787415	<i>[Signature]</i>	
116	16S10374	148	Vishal Araballi	9008233597	<i>[Signature]</i>	
117	16S10376	132	Vishal Halagimaradi	7996965289	<i>[Signature]</i>	
118	16S10383	133	Yasmeen Savanur	8151066050	<i>[Signature]</i>	
119	16S10385	78	Zeba Malapur	7079567649	<i>[Signature]</i>	
120	16S10386	145	Laxmi Kamur	8244221789	<i>[Signature]</i>	

Department of Chemistry
Karnatak Science College, Dharwad

ONE DAY WORKSHOP ON "NUCLEAR ENERGY FOR EMPOWERING FUTURE (NEEF)"
FOR B.Sc. STUDENTS

Registered students of other Colleges

Sl. No	Exam Seat No.	Name of the Student	Name of the College	Gender	Mobile No.	Signature
1	16515737	Manasabanga R. Bhal	Dr. A. V. Baliga College of Arts & Science, Kurnool	Female	7032929920	
2	16515768	Shweta V. Bhal	Dr. A. V. B. College of Arts & Science, Kurnool	Female	70263747	
3	16510635	Kavita B. U.	G. T. G. D. W. D.	Female	8117118010	
4	16510602	Aishwarya Thore	G. T. G. D. W. D.	Female	8050236716	

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. Armitthayi
Governor and HOD,
Chemistry

Shri. Nagaraj Nayak
Scientist, NPCL, Kaiga,
Karnataka

Dr. S.D. Dharwad
Organizing Secretary and Chairman
Madam Curie Chemistry Study Circle

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

3.15 to 4.15 pm **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. Jant. M. S. Solanke
Dr. R. G. Kulkarniker
Dr. Smit. S. P. Masi

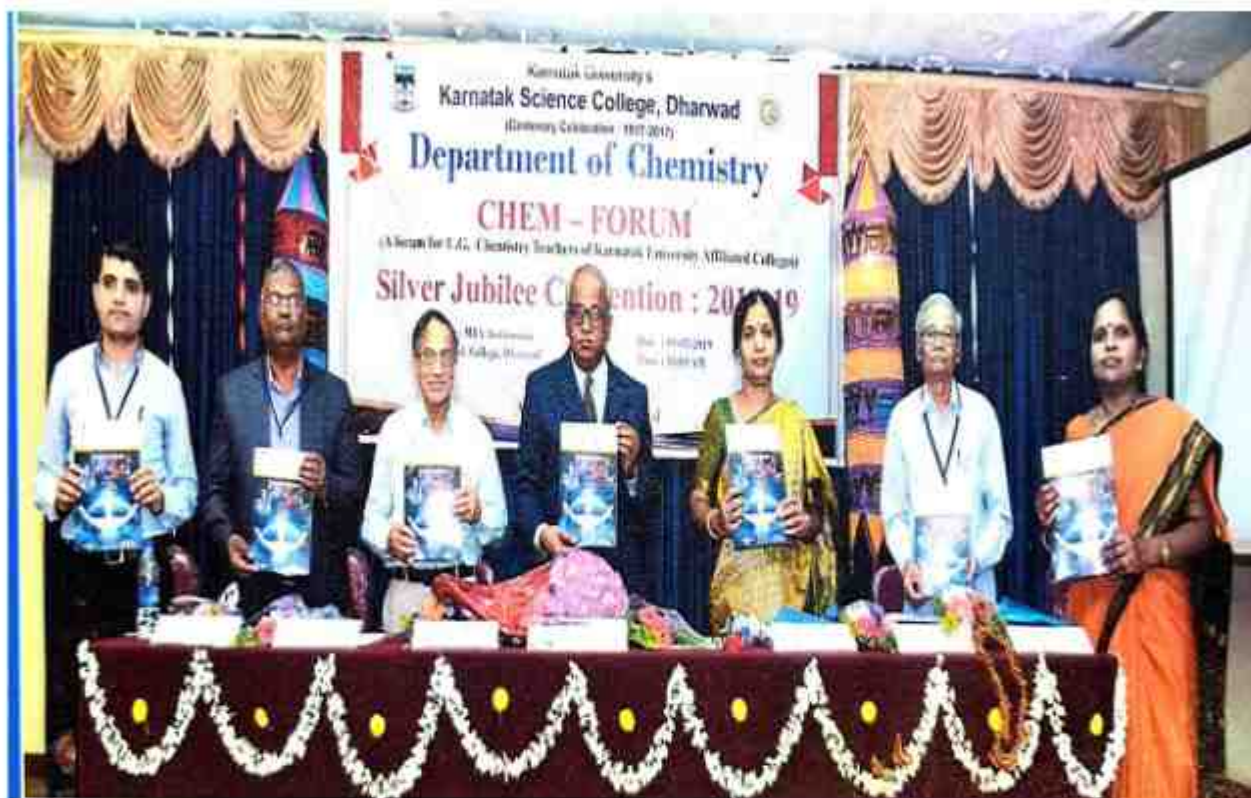
Dr. S. M. Tawar
Dr. Jant. Jayakrishna K.
Dr. Rajappa S.H.

Dr. O. Kotesw.
Dr. K. S. Koteji

All the faculty Members of Chemistry Department



Three Years UG Chemistry-How to make it attractive and useful to UG student's key note by: Prof M S Hegde, IISc Bangalore.



Two Days Workshop on "Industry Oriented Training"



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



"TWO DAYS INDUSTRY ORIENTED WORKSHOP"

RESOURCE PERSON

Miss.Shweta.Hiramat(Resource Person)
Micromech 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

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	[Signature]
2	16U10003	AISHWARYA GAJANAN GAJAKOSHI	[Signature]
3	16U10004	AKASH M. INAMDAR	[Signature]
4	16U10005	ANUP SHIVAGOUDA PATIL	[Signature]
5	16U10006	APARNA PATIL	[Signature]
6	16U10007	ASHWIN LAXMAN KAMATH	[Signature]
7	16U10008	BASAVARAJ NADAGOUD	[Signature]
8	16U10010	GAGAN ODISUMATH	[Signature]
9	16U10011	GAYITHRI S	[Signature]
10	16U10013	BEDEGKAR RISHIKESH PRASHANT	[Signature]
11	16U10014	KIRAN SIDDAPPA HIREMANI	[Signature]
12	16U10015	MALLIKARJUN SHIRAKANALLI	[Signature]
13	16U10016	NAGARAJ BOMMAPPA MARAKUMBI	[Signature]
14	16U10017	NAGARAJ JAWOOR	[Signature]
15	16U10018	NAGARAJ KATTIMANI	[Signature]
16	16U10019	NAGARATNA VIJTU GAVADE	[Signature]
17	16U10020	NAMITA D. BASANNAVAR	[Signature]
18	16U10021	NIVEDITA B.	[Signature]
19	16U10022	PALLAVI ACHARI	[Signature]
20	16U10023	PARVATHEVVA	[Signature]
21	16U10024	PAVITRA MANJUNATH MOGER	[Signature]
22	16U10025	POOJA HIREMATH	[Signature]
23	16U10026	POOJA IRAPPA SURYAVANSHI	[Signature]
24	16U10027	PRADEEP KUMAR C. DODDAGAUDAR	[Signature]
25	16U10029	PRIYANKA GONDALI	[Signature]
26	16U10030	PRUTHVI KURIYAVAR	[Signature]
27	16U10031	R. PAVAN KUMAR	[Signature]
28	16U10032	RAJANI BHASKHAR NAIK	[Signature]
29	16U10033	RAJAT CHILLAI	[Signature]
30	16U10034	RAKESH GOUDAPPA KORADDI	[Signature]
31	16U10035	RAMANGUDA PATIL	[Signature]
32	16U10036	RUDRAMMA CHANDRASHEKAR	[Signature]
33	16U10037	SAMPATH KALADAGI	[Signature]
34	16U10038	SATVIK V. HIREMATH	[Signature]
35	16U10039	SAVITA PATIL	[Signature]
36	16U10040	SEEMA BHALACHANDRA NAIK	[Signature]
37	16U10041	SHARANABASAYYA R. KONIMATHI	[Signature]
38	16U10042	SHILPA HANUMACHANDR TORAGALLI	[Signature]
39	16U10044	SHIVARAJ NAREGAL	[Signature]
40	16U10045	SHWETHA R. PATIL	[Signature]
41	16U10046	SINDHU P. JADHAV	[Signature]
42	16U10047	SNEHA IRAPPA DANDALI	[Signature]
43	16U10048	SONALI VINAYAK BHOITE	[Signature]
44	16U10049	SOURMYA VEERANNA REVADIGAR	[Signature]
45	16U10050	SUSHMA S. MOTALLI	[Signature]
46	16U10051	SUVIDHA NAGESH MOGER	[Signature]
47	16U10052	VARDHAMAN VRUSHABHI UPADYE	[Signature]
48	16U10053	VIDYA NAGENDRA GOULI	[Signature]
49	16U10054	VIDYASHREE NADAYALAMANI	[Signature]
50	16U10055	VIJAYALAKSHMI R. GUNDAGAVI	[Signature]
51	16U10056	VIJAYALAXMI BASAPPA MADARI	[Signature]

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	
2	17U10003	Anish Pattanshetty	
3	17U10004	Asha Gudisagar	
4	17U10005	Ashwini Garagi	
5	17U10006	Baby Lamani	
6	17U10007	Bhagyashree M. Korishettar	
7	17U10008	Bindiya Kalal	
8	17U10009	Chandrakala Sutar	
9	17U10010	Chindambar Shastri	
10	17U10011	Gayatri Sindagi	
11	17U10012	Gulabi Banoshi	
12	17U10013	Harish Neelappanavar	
13	17U10014	Indira Balerao	
14	17U10015	Jatti Abhishek	
15	17U10016	Jyoti Byagi	
16	17U10017	Kaveri Gali	
17	17U10018	Kavya Hiremath	
18	17U10019	Kiran Tumkannavar	
19	17U10020	Kruthi Jamadandi	
20	17U10021	Lata Hulaser	
21	17U10022	Laxmi Patil	
22	17U10024	Maitra Balikai	
23	17U10025	Manohar Patil	
24	17U10026	Naveen Alur	
25	17U10027	Neha Yashwant	
26	17U10028	Pallavi Jamadale	
27	17U10029	Pallavi Solapuri	
28	17U10030	Parvati Navalgund	
29	17U10031	Pooja Sankangoudar	
30	17U10032	Poornima Tongali	
31	17U10033	Pragati Khodanpur	
32	17U10034	Prajwal Hasararubi	
33	17U10035	Prajwal Paravati	
34	17U10036	Prajwal Utturi	
35	17U10040	Rakesh Gali	
36	17U10041	Sadiq Olekar	
37	17U10042	Sangeeta Kambli	
38	17U10043	Shahabhaj Mulla	
39	17U10044	Shilpa G Patil	
40	17U10048	Shrinivas Tulasigeri	
41	17U10045	Shyam M E	
42	17U10046	Sindhu Bagevadi	
43	17U10047	Sonu Ghatage	
44	17U10049	Suman Audi	
45	17U10050	Surayya Kausar	
46	17U10052	Sushma Manigeri	
47	17U10051	Sushma Mundagod	
48	17U10053	Susmita Koparde	
49	17U10054	Swati Virapayyanavarmath	
50	17U10056	Vinayak Chandawarkar	
51	17U10055	Vinayak Gurulingammanavar	
52	17U10057	Vishwa Bhajantri	



