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3.4.1: Outcomes of Extension activities in the neighborhood community in terms of impact and sensitizing the students to social issues for their holistic development during the last five years.

| SL NO | Name of the activity | Organising unit/ agency/ collaborating agency | Year of the activity | | |
|-------|--|---|----------------------|--|--|
| | 2022-23:16 | | | | |
| 1 | Anti-Tobacco Day NSS Unit, Karnatak Science College, Dharwad | | 04-06-2022 | | |
| 2 | Campus Cleaning Programme | NSS Unit, Karnatak Science College, Dharwad | 03-06-2022 | | |
| 3 | Plantation Programme On The Occasion Of World Environmental Day | NSS Unit, Karnatak Science College, Dharwad | 05-06-2022 | | |
| 4 | Yoga Training Camp | NSS Unit, Karnatak Science College, Dharwad | 11-06-2022 | | |
| 5 | Blood Donation Camp | NSS Unit, Karnatak Science College, Dharwad | 14-06-2022 | | |
| 6 | International Yoga Day | NSS Unit, Karnatak Science College, Dharwad | 21-06-2021 | | |
| 7 | Plastic Free Campus | NSS Unit, Karnatak Science College, Dharwad | 28-06-2022 | | |
| 8 | Green Campus Programme | NSS Unit, Karnatak Science College, Dharwad | 30-06-2022 | | |
| 9 | Campus Cleaning Programme | NSS Unit, Karnatak Science College, Dharwad | 03-07-2022 | | |
| 10 | District Level One Day Pfms Training Programme | NSS Unit, Karnatak Science College, Dharwad | 19-07-2022 | | |
| 11 | Grass Cutting Programme | NSS Unit, Karnatak Science College, Dharwad | 21-07-2022 | | |
| 12 | Campus Cleaning Programme | NSS Unit, Karnatak Science College, Dharwad | 24-07-2022 | | |
| 13 | Jatha On The Eve Of Azadi Ka Amrut Mahostava | NSS Unit, Karnatak Science College, Dharwad | 06-08-2022 | | |
| 14 | Cycle Jatha | NSS Unit, Karnatak Science College, Dharwad 14-08-2022 | | | |
| 15 | Blood Donation Camp | Ncc Unit,Karnatak Science College, Dharwad 27-11-2022 | | | |
| 16 | Planataion Drive | Ncc Unit,Karnatak Science College, Dharwad 10-12-2022 | | | |

| | 2021-22 | 2:20 | | |
|----|---|--|------------------------------------|--|
| 17 | Online webinar on the occasion of World Environmental Day | NSS Unit, Karnatak Science College, Dharwad | 2021 (05-06- 2021) | |
| 18 | PLANTATION PROGRAMME ON THE OCCASION OF WORLD ENVIRONMENTAL DAY | NSS Unit, Karnatak Science College, Dharwad | 2021 (28-06- 2021) | |
| 19 | COVID VACCINATION PROGRAMME FOR COLLEGE STUDENTS | NSS Unit, Karnatak Science College, Dharwad | 2021 (30-06- 2021) | |
| 20 | CAMPUS CLEANING PROGRAMME | NSS Unit, Karnatak Science College, Dharwad | 2021 (4-07-2021 | |
| 21 | Campus cleaning programme DISTRIBUTION OF MASKS TO CHILDREN DUE | NSS Unit, Karnatak Science College, Dharwad 2021 (12-12-2021) | | |
| 22 | TO COVID -3 rd WAVE: Dharwad Saptapur | NSS Unit, Karnatak Science College, Dharwad | 2021 (12-12- 2021) | |
| 23 | Cleaning Extension Program : Akashwani road , engineers quarters ,dasankoppa circle | NSS Unit, Karnatak Science College, Dharwad | 2021 (19-12- 2021) | |
| 24 | Plastic Awareness Programme : DHARWAD - HOUSES ,QUARTERS(AIR),DASANKOPP AREA HOUSES | NSS Unit, Karnatak Science College, Dharwad | 2021 (19-12- 2021) | |
| 25 | COVID VACCINATION FOR STUDENTS | NSS Unit, Karnatak Science College, Dharwad | 2022 (12-01- 2022) | |
| 26 | FIT INDIA RUN PROGRAMME | NSS Unit, Karnatak Science College, Dharwad | 2022 (19-01- 2022) | |
| 27 | NATIONAL GIRL CHILD DAY | NSS Unit, Karnatak Science College, Dharwad | 2022 (24-1-2022 | |
| 28 | Campus cleaning | NSS Unit, Karnatak Science College, Dharwad NSS Unit, Karnatak Science | 2022 (30-1-2022 | |
| 29 | Campus cleaning | College, Dharwad NSS Unit, Karnatak Science | 2022 (02-2-2022 | |
| 30 | Importance of Blood Donation: A lecture | College, Dharwad Dr. J. T. Gudagur, Associate | 2022 (06-2-2022 2021-22 (wef 31 | |
| 31 | Teachers Quality Assessment Committee | Professor of Geology, KSCD | 05-2021) | |
| 32 | International Plantation Day VACCINATION TO COLLEGE STUDENTS | Dr. J. T. Gudagur, Associate Professor of Geology, KSCD NSS Unit, Karnatak Science | 2021 (09-08- 2021)_ | |
| 33 | 2ND DOSE | College, Dharwad NSS Unit, Karnatak Science | 21-02-2022 | |
| 34 | WORLD WATER DAY | College, Dharwad | 22-03-2022 | |
| 35 | Geological survey for Identification of Borewell points | Dr. J. T. Gudagur, Associate Professor of Geology, KSCD | 20-07-2020 | |

| 36 | eological survey for Identification of orewell points Dr. J. T. Gudagur, Associate Professor of Geology, KSCD | | 06-12-2020 | | | |
|----|--|--|------------------------------|--|--|--|
| | 2020-21:04 | | | | | |
| | | | | | | |
| 37 | Covid 19,vaccination awareness | Karnatak Science College, Dharwad NSS Unit | 26-04-2021 | | | |
| 38 | Distribution of Mask at Dharwad market area | Karnatak Science College, Dharwad NSS Unit | 24-04-2021 | | | |
| 39 | Geological survey for Identification of Borewell points | Dr. J. T. Gudagur, Associate Professor of Geology, KSCD | 21-02-2021 | | | |
| 40 | Geological survey for Identification of Borewell points | Dr. J. T. Gudagur, Associate Professor of Geology, KSCD | 05-03-2021 | | | |
| | | | | | | |
| | 2019-20:07 | | | | | |
| 41 | Roadside plastic collection | NSS Unit, Karnatak Science College, Dharwad | 02-10-2019 | | | |
| 42 | Plantation | NSS Unit, Karnatak Science College, Dharwad | 09-02-2020 | | | |
| 43 | Free Dental Checkup | Akka Association ,Karnatak Science College,Dharwad | 28-01-2020 | | | |
| 44 | IGC/RDC, Army Attachment CampARMY | NCC, 1/24 COY KSCD | 24-08-2019 to 09- 09-2019 | | | |
| 45 | EBSB - II | NCC, 1/24 COY KSCD | 16-01-2020 to 27- 01-2020 | | | |
| 46 | ALC, BLC | NCC, 1/24 COY KSCD | 10-10-2019 to 25- 10-2019 | | | |
| 47 | ATC camp at Dharwad | 1/24 Coy Battalion KAR NCC Dharwad and Goa Directorate | 04-06-2019 to 14- 06-2019 | | | |
| | | 0 4 4 | | | | |
| | 2018-19 | 9:14 | | | | |
| 48 | International Yoga Camp held at Karnatak Science College, Dharwad | /24 Coy Battalion KAR NCC Dharwad and Goa Directorate | 21-06-2018 | | | |
| 49 | Invited Lecture on "How to Crack the Competitive Examinations" by Smt. Padma Basavantappa (KAS Officer) | Department of Geography | 19-09-2018 | | | |
| 50 | Invited Lecture on "An Wonderful World of Birds and Animals" by. Mr. Prakash Goudar, Environmentalist | Department of Zoology | 25-09-2018 | | | |

| | | 1/24 Coy Battalion KAR | 14 10 2019 4- 20 |
|-----|---|-------------------------------|-------------------|
| F.4 | TI 10 AD 1 | NCC Dharwad and Goa | 14-10-2018 to 29- |
| 51 | Thal Sena camp at Belgaum | Directorate | 10-2018 |
| | Geological survey for Identification of | Dr. J. T. Gudagur, Associate | |
| 52 | Borewell points | Professor of Geology, KSCD | 25-10-2018 |
| | | NCC, 1/24 COY KSCD | 06-12-2018 to 16- |
| 53 | IGC/RDC, Army Attachment CampARMY | | 12-2018 |
| | | 1/24 Coy Battalion KAR | |
| | | NCC Dharwad and Goa | 13-12-2018 to 30- |
| 54 | 1 | Directorate | 12-2018 |
| | Invited Lecture of "HASIRU HONNU" by | | |
| 55 | Prof. H. Niranjana Murthy | Department of Botany | 05-02-2019 |
| | | /24 Coy Battalion KAR NCC | 07-02-2019 to 14- |
| 56 | Rock Climbing Training Camp | Dharwad and Goa Directorate | 02-2019 |
| | Seven days NSS annual special camp at | In collaboration with NSS | |
| | Managundi village with the theme "Jeeva Jala | Cell-KUD and District and | 03-03-2019 to |
| 57 | Samskarane NSS Hone | Taluk Panchayat, Dharwad. | 09-03-2019 |
| | Ond Day Workshop on "Women | | |
| | Entrepreneurship and Legal Awareness" by | Ladies Hostel, K.Sc, College, | |
| 58 | Smt. Rati Srinivasan | Dharwad | 09-03-2019 |
| | One Day Training Programme on | | |
| | "Administrative Opportunities after B.Sc. and | | |
| | Skill Enhancement" by Sri. Chougale and Mr. | Department of Botany, K.Sc, | |
| 59 | Kartik Golasangi | College, Dharwad | 21-03-2019 |
| | Special Lecture on "Cell and Developmental | | |
| | Biology using Model Systems" by Dr. Chetan, | Department of Zoology, | |
| 60 | 1 657 | K.Sc, College, Dharwad | 26-03-2019 |
| | One Day Training Programme on | | |
| | "Administrative Opportunities after B.Sc. and | | |
| | Skill Enhancement" by Sri. Chougale and Mr. | Department of Botany, K.Sc, | |
| 61 | Kartik Golasangi | College, Dharwad | 21-03-2019 |

TOTAL NUMBER OF EXTENSION ACTIVITIES =61





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OUT COME OF ANTI-TOBACCO DAY

Anti-Tobacco Day was conducted by the NSS volunteers of Karnatak Science College, Dharwad, on 04-06-2022. This special day was dedicated to spreading awareness about the harmful effects of tobacco and its addictive nature.

Following are the outcome of the event:

- On this occasion, various events and activities were organized throughout the day to educate
 and engage individuals with the aim of promoting a tobacco-free society. Fifty NSS
 volunteers actively participated to make this program a success.
- The event succeeded in raising awareness about the harmful effects of tobacco among the community members and participants
- Participants may have been motivated to change their tobacco consumption habits or encouraged others to do so.
- Various educational activities organized during the event might have provided valuable information about the health risks associated with tobacco use
- The event fostered community involvement and engagement in efforts to combat tobacco use and promote a healthier lifestyle.
- Participants may have felt empowered to take action against tobacco use, whether through personal behavior change or advocacy efforts,

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OUT COME OF CAMPUS CLEANING DRIVE

The campus cleaning drive, organized by NSS volunteers took place on 03-06-2022 at Karnataka Science College, Dharwad. In the drive there were 60 volunteers participated and cleaned the garden area.

- The cleaning drive conducted during the event underscored the collective environmental responsibility and commitment of the campus community.
- The cleaning drive resulted in a visibly cleaner and more aesthetically pleasing campus environment, enhancing the overall ambiance and creating a positive atmosphere for students, faculty, and visitors
- Active participation from students, faculty, and staff in the cleaning drive fostered a sense of community ownership and responsibility towards maintaining a clean and healthy campus environment
- The cleaning drive served as an educational opportunity to raise awareness about the importance of environmental stewardship and sustainable practices, encouraging participants to adopt eco-friendly behaviors.
- By removing litter, debris, and other pollutants from the campus premises, the cleaning drive
 contributed to promoting better health and safety conditions for everyone on campus, reducing
 the risk of accidents and health hazards.
- The success of the cleaning drive instilled a culture of cleanliness, responsibility, and pride
 among members of the campus community, fostering a supportive and respectful environment
 conducive to learning and well-being.
- In conclusion, the high level of engagement and enthusiasm displayed by all participants not
 only contributed to the beautification and maintenance of the campus but also fostered a sense
 of unity and environmental stewardship.
- Organizing and executing a campus cleaning drive demonstrated leadership skills and initiative among student organizers, faculty advisors, and administrative staff, showcasing the ability to take proactive steps towards positive change

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OUTCOME OF THE CELEBRATION OF WORLD ENVIRONMENT DAY

World Environment Day was observed in the college by conducting "plantation programs" on 03-06-2022 and 05-06-2022, which involved the planting of 50 plants both within and outside the campus. This program included the participation of sixty NSS volunteers and staff members of the college

Positive outcomes of the celebration of World Environment Day

- The celebration of world Environmental day helped increase awareness about environmental issues among students, staff, and the community.
- Planting 50 trees within and outside the campus contributed to environmental conservation by improving air quality, providing habitat for wildlife, and mitigating the effects of climate change.
- The participation of a large number of NSS volunteers demonstrated a strong sense of community engagement and collaboration in environmental initiatives.
- The celebration provided an educational platform for learning about the importance of environmental protection and sustainable practices.
- The success of the celebration likely inspired continued efforts towards environmental conservation and sustainability within the college and the broader community.

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OUTCOME OF 11 DAYS FREE YOGA CAMP

A free Yoga camp was organized at Karnatak Science College, Dharwad, for eleven days, starting from 11-06-2022 up to 21-06-2022, culminating on International Yoga Day. Prof. K. B. Gudasi, Honorable Vice Chancellor of Karnatak University, Dharwad, inaugurated the program, while Shri Yashpal Kshirasagar, Registrar of Karnatak University, Dharwad, was the Chief Guest, and Dr. Anjana Tambragundi, the Finance Officer of Karnatak University, Dharwad, was the Guest of Honor. The program was presided over by Dr. K.B. Karadoni, the Principal of Karnataka Arts College, Dharwad. Dr. S.C. Chougala, the Ex-Principal of Karnatak Science College, Dharwad, and Dr. Shantaram Hegade, the Principal of Karnatak Music College, Dharwad, were also present. One hundred volunteers benefited from this program. The yoga training in the camp was scheduled from 6:30 AM to 7:30 AM on all days of the camp. The Yoga Training Camp was a grand success.

Some of the outstanding positive outcomes of the free Yoga camp

- The Yoga camp saw active participation from a diverse group of individuals, including students, faculty, and members of the community.
- Eminent personalities from Karnatak University and local educational institutions, such as the Vice Chancellor, Registrar, Finance Officer, and Principals, provided leadership and support to the camp.
- One hundred volunteers were able to benefit from the Yoga camp, experiencing improved physical and mental well-being through regular practice.
- The camp was efficiently organized with yoga training sessions scheduled every day from
 6:30 AM to 7:30 AM, ensuring consistency and regularity in practice.
- The overall success of the Yoga camp was evident from the positive feedback received from participants, as well as the sense of accomplishment and satisfaction expressed by organizers and attendees alike

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OUTCOME OF BLOOD DONATION CAMP

On 14-06- 2022 (Tuesday), a blood donation camp was organized at Karnatak Science College Dharwad in association with the Rotary Blood Bank of Dharwad, with an intention to collect the blood donated by volunteers to the Civil Hospital at Dharwad. One hundred and sixty students donated blood in the camp, in addition to members of the public. The blood was collected in association with the Rotary Blood Bank of Dharwad. The college had arranged refreshments for those who donated blood in the camp. Students and others who participated in this blood donation camp were given certificates.

Outcomes of blood donation camp.

- The blood donation camp led to a significant augmentation of the blood reserves, ensuring an adequate supply for medical emergencies and routine transfusions.
- The camp facilitated active participation from both students and members of the public, fostering a sense of community responsibility and solidarity towards addressing healthcare needs.
- Hosting the camp provided an avenue to educate participants about the importance of regular blood donation, promoting health awareness and preventive healthcare practices.
- Through voluntary blood donations, the camp directly contributed to saving lives by providing crucial support to patients in need of blood transfusions due to medical conditions, accidents, or surgeries.
- Participants who donated blood were acknowledged and appreciated for their altruistic contribution through certificates or tokens of appreciation, encouraging continued engagement in such humanitarian endeavors.
- Collaboration with healthcare institutions, blood banks, and volunteer organizations
 facilitated the smooth execution of the camp, emphasizing the significance of collective
 efforts in promoting public health initiatives.

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OUT COME OF INTERNATIONAL YOGA DAY

On 21-06-2022, International Yoga Day was celebrated in the playground of Karnatak Science College Dharwad with great enthusiasm. One hundred volunteers, as well as Teaching and Non-Teaching staff participated in the event. Under the supervision of NCC officers, the sports instructor Mr. D.B.Govindappa, and the Yoga Trainer, Dr C. R. Lamani, the International Yoga Day celebrations reached a triumphant culmination. The event was executed flawlessly, leaving a lasting impact on all participants. Vote of thanks was proposed by Dr. Jyoti Gokavi

Major outcome of international yoga day

- International Yoga Day event held at Karnatak Science College, Dharwad, on 21 st June
 2022, was a resounding success, drawing an enthusiastic crowd of 100 participants.
- The event not only highlighted the physical benefits of yoga, such as enhanced flexibility and strength, but also emphasized its mental and spiritual advantages.
- It was an opportunity for students, faculty, and staff not only to improve physical fitness, flexibility, and mental relaxation by engaging in yoga practices. But also promoted holistic well-being by addressing both physical and mental health aspects.
- This camp fostered cultural awareness and appreciation among participants, promoting understanding and respect for diverse cultural practices.
- This camp become tool for the students to manage stress and self care Integrating yoga into college life can support students' overall mental health and well-being

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OUTCOMES OF PLASTIC FREE COLLEGE CAMPUS DRIVE

Plastic-free and green campus programs were organized in the college campus on four days, namely, 28-06-2022, 30-06-2022, 21-07-2022, and 24-07-2022. On the first day, eighty NSS Volunteers participated and collected plastic waste littered in the campus, depositing it in the dustbins installed on the campus. On June 30, 2022, sixty students participated in the program. On July 21, 2022, a grass-cutting activity was initiated in the campus, with fifty volunteers participating, and on July 24, 2022, seventy volunteers took part.

Outcomes of the Event are:

- Reduction in Plastic Usage: The implementation of plastic-free policies resulted in a significant reduction in the use of single-use plastics within the campus.
- Awareness and Education: The event effectively educated students, faculty, and staff
 about the environmental impact of plastic pollution, fostering a culture of sustainability
 and responsible consumption.
- Community Engagement: The Plastic-Free Campus initiative garnered widespread support and participation from the campus community, demonstrating a collective commitment to environmental conservation.
- Environmental Impact: Karnatak Science College contributed to mitigating environmental degradation and protecting natural ecosystems through the reduction of plastic waste.
- 5. The Plastic-Free Campus initiative undertaken by Karnatak Science College exemplifies its dedication to environmental stewardship and sustainability. Karnatak Science College remains committed to fostering a culture of sustainability and continuing its efforts to create a plastic-free campus.

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DISTRICT LEVEL ONE DAY PFMS TRAININGPROGRAMME

The Karnatak Science College and K.LE's PC Jabin College Hubballi jointly organized a district-level one-day PFMS training programme on 19-07-2022 at 10:30 am, as there are MoUs between these institutions for organizing events, promoting research, and exchanging students and staff. In this regard, this district-level one-day PFMS training programme was organized. Dr. S.S. Mangalawde along with 25 students attended the programme.

The outcomes of the programme

- 1. The programme officer and volunteers were well-versed after attending the training programme on PFMS (Public Financial Management System).
- 2. Management of accounts and transactions was the core focus of the training programme, which was well understood by our programme officers and volunteers.
- This training programme proved to be very beneficial to volunteers in handling their accounts using the online application.
- The technical sessions provided practical knowledge of using the PFMS application in real-time.

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OUTCOME OF THE CELEBRATION OF AZADI KA AMRIT MAHOTSAV:

Azadi Ka Amrit Mahotsav is an initiative of the Government of India to celebrate and commemorate 75 years of independence and the glorious history of its people, culture, and achievements. In this regard, Karnatak Science College, Dharwad conducted the Azadi Ka Amrit Mahotsav program, with seventy NSS volunteers participating. A cycle rally was arranged for the occasion, with sixty NSS Volunteers taking part.

Significant outcome of the event are:

- Students and faculty gain a deeper appreciation of India's rich cultural heritage and historical achievements, fostering a sense of national pride and unity.
- The celebration of azadi ka amrit mahotsav provided an opportunity for reflection on India's journey towards independence, highlighting the sacrifices made by freedom fighters and the progress achieved since then.
- Cycle rallies and cultural programs organized on this occasion to bring together people from diverse backgrounds, fostering community engagement and collaboration.
- The celebration of such an event certainly inspires the youth to contribute positively to the nation's development and uphold its democratic values.
- Celebrating this type of event sets the stage for future generations to continue the nation's progress.

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OUT OF FREE ORAL AND DENTAL CHECK UP PROGRAMME

A free dental checkup camp was organized at Karnataka Science College, Dharwad, on 29-10-2022, in association with the District Health and Family Welfare Department, Dharwad, and Karnatak University, Dharwad. In this program, a detailed lecture on the effects of decayed teeth and oral diseases was given by Dr. Tanuja, Taluka Health Officer, Dharwad, Mr. Umesh Hiremath, Dental Hygienist, Dr. Vidyavati Patil, Dental Hygienist, and Vasant Kattimani, Dental Hygienist, in addition to Dr. Shruti and Dr. Ratna from RBSK Team Dharwad. Mrs. Christina, Health Education Officer, also participated in the program

The outcomes of the event:

- This event provided an opportunity to the students to detect dental issues early, allowing for timely intervention and preventive measures to avoid further complications.
- This program raised awareness about the importance of oral hygiene and regular dental checkups, educated students about proper oral care practices to maintain good dental health.
- It removed financial barriers to accessing dental healthcare, ensuring that students from all socio-economic backgrounds have the opportunity to receive necessary dental care.
- This type of event encourages student community to actively participate in their own healthcare, fostering a sense of responsibility.
- The presence of dental professionals allows for personalized guidance and counseling on oral hygiene practices, diet, and lifestyle factors that can impact dental health.

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OUT COME OF CELEBRATION OF WORLD DIABETES DAY (WALKTHON)

In observance of World Diabetes Day (on November 14, 2022), the Karnataka Science College NSS unit, in association with the Rotary Club and the Health Department at Dharwad, celebrated World Diabetes Day on 13th & 14th November, 2022. The procession, or "Jatha," commenced from the college campus and proceeded to Kalabhavan. Subsequently, the procession moved towards the market area of Dharwad city. In this program, 90 NSS volunteers, 10 Rotary Club members, and 6 Health Department staff participated.

Outcomes of celebrating World Diabetes Day are:

- This programme provided an opportunity to learn more about diabetes, its prevention, management, and the importance of a healthy lifestyle.
- Active participation from students, faculty, and community members, fostering a sense of unity and collective responsibility towards health issues.
- Through awareness campaigns and screening programs, individuals may become more
 proactive in getting tested for diabetes, leading to early detection and intervention, which
 can help prevent complications associated with the disease.
- Overall, the celebration of World Diabetes Day in the college serves as a valuable opportunity to raise awareness, promote health education, and foster a culture of proactive health management within the college community and beyond

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OUTCOME OF VOTERS AWARENESS JATHA

A Voters Awareness Programme was arranged on 4-05- 2022, both within the College Campus and outside, to spread the message of the power of "democracy in action" by encouraging people to cast their votes. In this procession, 50 volunteers and staff of the college were present.

Outcomes of the Voters Awareness Jatha:

- This event encouraged more students and staff to participate in the democracy process by casting their votes in election
- The Jatha provided valuable information about the significance of democracy and voting rights, helping participants understand their role in shaping the future of their country through active participation in elections..
- The event fostered a sense of community engagement and civic responsibility among participants, as they came together to promote the democratic values of the nation
- By this jath students are encouraged to exercise their right to vote and empowered students to have a voice in the decision-making process and contribute to the democratic governance of their country.
- Overall, the Voters Awareness Jatha likely played a crucial role in promoting civic engagement and democratic values among students and staff in the college community

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OUTCOME OF SEVEN DAYS NSS CAMP AT MAREWAD

The NSS unit of Karnatak Science College, Dharwad arranged a NSS program for seven days, from 17/02/2023 to 23/02/2023, in a village (Marewad). In this camp, 50 NSS Volunteers² participated in order to sensitize students to social issues such as health and hygiene, environment, cultural identity, education, women safety, and child labor.

OUTCOME OF THE CAMP AT VILLEGE:

- NSS volunteers engaged in various activities such as cleanliness drives, health camps, and educational programs, contributing to the overall development of the village.
- 2. After Shramdhana Volunteers interacted with villagers gave the knowledge on topics such as health, hygiene, sanitation, literacy, and environmental conservation.
- 3. Villagers are empowered to take charge of their own development by learning new skills, accessing resources, and participating in decision-making processes.
- Free Health camps and medical services have arranged during the camp improve access to healthcare for villagers, addressing immediate health concerns and promoting preventive care
- 5. Volunteers improved infrastructure such as roads, water supply systems, sanitation facilities, and community centers, enhancing the quality of life in the village.
- 6. Volunteers arranged special talk related to environmental issue and villagers are inspired to maintain the local environment.
- Collaboration between NSS volunteers and villagers fosters a sense of unity, cooperation, and mutual understanding, strengthening social bonds within the community
- Overall, a seven-day NSS camp in a village can serve as a catalyst for holistic development, empowering communities, fostering social cohesion, and leaving a lasting positive impact on both participants and villagers

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OUTCOME OF WORLD ENVIRONMENTAL DAY: WEBINAR

NSS volunteers, Principal, and NSS programm officer of Karnatak Science College, Dharwad attended a online webinar on 05-06-2022 A Resource person from the Mangalore university, Dr.Ramesh Gani, delivered a speech on world environmental day.

Following are the important outcome of environmental Day webinar.

- Our volunteers got educated about the environment and its importance.
- Dr. Ramesh Gani helped us understand it in a scientific way and reminded us of our duties, through which we can contribute to creating a healthy environment.
- Volunteers realized their responsibility towards the environment.
- They also understood the importance of participating in such webinars.
- Volunteers were thankful to NSS for providing this opportunity.
- They perceived the event positively and assured that they would conserve, protect, and nurture the environment efficiently to ensure future generations can enjoy the beauty of nature.

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OUTCOMES OF PLANTATION PROGRAM ON THE OCCASION OF WORLD ENVIRONMENTAL DAY

On the occasion of World Environment Day, Karnataka Science College, Dharwad, conducted a plantation program on 28-06- 2021. In the presence of the Principal, all the Heads of Departments, the NSS Programme Officer, and NSS Volunteers, the plantation program was successfully conducted.

Outcomes of plantation programme

- 10 volunteers participated and planted about 50 plants all over the Karnataka Science
 College campus
- The program created a positive impact and promoted greenery, which was successfully achieved
- Overall, awareness was raised about environmental conservation and active involvement in planting was encouraged.
- Each volunteer realized the role of plants in ecology

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OUTCOMES OF COVID VACCINATION PROGRAMME FOR COLLEGE STUDENTS

On 30-06-2021, the COVID Vaccination Programme for college students was successfully conducted with the enthusiastic participation of the National Service Scheme (NSS) volunteers and the student body. The program aimed to facilitate and encourage the vaccination of students to ensure their safety and well-being during the ongoing pandemic.

Important outcomes of the event

- 100 volunteers got the opportunity to serve the nation through our NSS platform during such a pandemic.
- Volunteers educated themselves about vaccination and its procedure.
- NSS volunteers played a crucial role in managing the crowd, maintaining social distance, and assisting medical staff.
- The vaccination program aimed to ensure the health and safety of the college community.
- The collective efforts of NSS volunteers, staff, and students contributed to the success of the event.
- Overall, the event was a significant step towards encouraging vaccination and

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OUTCOMES OF PLASTIC FREE COLLEGE CAMPUS DRIVE

Plastic-free and green campus programs were organized in the college campus on four days, namely, 28-06-2022, 30-06-2022, 21-07-2022, and 24-07-2022. On the first day, eighty NSS Volunteers participated and collected plastic waste littered in the campus, depositing it in the dustbins installed on the campus. On June 30, 2022, sixty students participated in the program. On July 21, 2022, a grass-cutting activity was initiated in the campus, with fifty volunteers participating, and on July 24, 2022, seventy volunteers took part.

Outcomes of the Event are:

- Reduction in Plastic Usage: The implementation of plastic-free policies resulted in a significant reduction in the use of single-use plastics within the campus.
- Awareness and Education: The event effectively educated students, faculty, and staff
 about the environmental impact of plastic pollution, fostering a culture of sustainability
 and responsible consumption.
- Community Engagement: The Plastic-Free Campus initiative garnered widespread support and participation from the campus community, demonstrating a collective commitment to environmental conservation.
- Environmental Impact: Karnatak Science College contributed to mitigating environmental degradation and protecting natural ecosystems through the reduction of plastic waste.
- 5. The Plastic-Free Campus initiative undertaken by Karnatak Science College exemplifies its dedication to environmental stewardship and sustainability. Karnatak Science College remains committed to fostering a culture of sustainability and continuing its efforts to create a plastic-free campus.

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OUTCOMES OF CAMPUS CLEANING PROGRAMME (SWACHH BHARAT ABHIYAN)

In alignment with the Swachh Bharat initiative, our college's NSS unit organized a campus cleaning drive on 12-12- 2021. The event aimed to promote cleanliness and hygiene in the college premises and instill a sense of civic responsibility among students. A total of 85 NSS volunteers participated in the drive

Outcomes of Campus Cleaning Programme

- Volunteers succeeded in collecting and disposing a huge amount of waste in an appropriate manner.
- The initiative, which began as a student movement, has grown into a substantial force for change, with volunteers engaging in disciplined and well-planned efforts to manage waste and enhance the ecological health of our community.
- The activities undertaken, including the cleanup of plastic waste and tree planting, have not only contributed to a cleaner and greener environment but also fostered a sense of responsibility and community spirit among the participants.
- As we reflect on the success of this collaboration, it becomes evident that such community-driven endeavors are vital in our pursuit of sustainable living.
- The impact of this initiative serves as a beacon of inspiration for future environmental projects, reminding us that collective action can lead to significant positive change.

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OUTCOMES OF THE DISTRIBUTION OF MASKS DURING COVID-3rd WAVE

On the 12-12-2021, NSS volunteers from Karnataka Science College, Dharwad, came together to conduct a mask distribution event aimed at combating the third wave of COVID-19. The event was marked by the participation of 85 volunteers who worked diligently to distribute masks to children and the general populace of the area

Outcomes of distribution of masks

- Volunteers were able to reach the needy people and provide masks to individuals in the community to help prevent the spread of COVID-19.
- The program targeted various demographics, including children, adults, and vulnerable populations such as the elderly or immune compromised individuals
- Alongside mask distribution, NSS Volunteers educated recipients on the proper use of
 masks, including how to wear them correctly, when to replace them, and the importance
 of hand hygiene.
- Efforts weree made to ensure that masks are distributed equitably, reaching underserved communities or areas with limited access to healthcare resources.
- Students were instrumental in organizing, managing, and efficiently distributing masks to all attendees
- Overall, the mask distribution event stands as a testament to the community's resilience and collective spirit in the face of adversity

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OUTCOMES OF THE CLEANING PROGRAMME OUTSIDE THE CAMPUS

Cleaning programme outside the college campus was conducted on 19-12-2021 near Akashavani road, Engineers quarters, Dasankoppa Circle 60 students were participated in this drive.

Some of the remarkable outcomes of cleaning Drive are:

- Volunteers collected a large amount of waste, consisting of plastic, paper, and organic debris, then segregated it into recyclables and non-recyclables, ensuring proper disposal.
- The event served as an educational experience for the volunteers, emphasizing the impact
 of collective efforts in maintaining a clean environment.
- The drive not only resulted in a cleaner campus but also raised awareness about the importance of personal and community hygiene.
- Overall, the efforts of the volunteers were commendable, and their dedication contributed to a positive impact on the environment.

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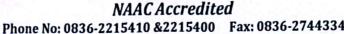
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OUTCOMES OF PLASTIC AWARENESS PROGRAMME

Plastic awereness programme was conducted on 19-12-2021 at Quarters (Air), Dasankoppa Area to gather the plastic and make awereness among the community, about 85 volunteers actively taken part in this event.

Outcomes of the event.

- The plastic awareness programme was successful, during which our volunteers addressed the public regarding the hazardous effects of using plastic in our day-to-day life.
- The programme aimed to raise awareness about the detrimental effects of plastic pollution and promote environmental cleanliness as part of the Swachh Bharat Abhiyan.
- Successful disposal of a significant amount of plastic waste occurred.
- Enhanced community participation highlighted the importance of reducing plastic usage and maintaining cleanliness.
- The Plastic Awareness Programme successfully highlighted the necessity of collective efforts to combat plastic pollution.

It laid the groundwork for future environmental initiatives.

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OUTCOMES OF COVID VACCINATION FOR STUDENTS

Covid vaccination camp was conducted for students in karnatak science college on 12-1-22. 650 students have been vaccinated in a single day in this camp NSS volunteers of KSCD were actively participated in this camp.

Key outcomes of the programme are:

- Our volunteers' success was that they successfully vaccinated 650 students in a single day.
- The presence of these dignitaries kept the enthusiasm of volunteers at its peak.
- Students were educated about vaccination and its importance during the program.
- The enthusiastic efforts of the volunteers led to the successful vaccination of all 650 students.
- Overall, the vaccination camp was a commendable initiative that contributed to public health and awareness.

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OUTCOMES OF FIT INDIA RUN PROGRAMME

The FIT INDIA RUN Programme was organized on 19-1-2022 to celebrate the 159th birth anniversary of Swami Vivekananda and the Azadi ka Amrit Mahotsav. 40 NSS volunteers were took part in this event.

Following are some of the important outcomes of the programme

- Volunteers got a chance to serve under Azadi Ka Amrith Mahotsav on this special occasion.
- · Volunteers created healthy awareness of fitness among citizens.
- · All participants successfully completed the run.
- The event contributed to the goals of the Azadi ka Amrit Mahotsav.
- · It instilled a sense of national pride among youth.
- NSS volunteers had the opportunity to serve under the Azadi ka Amrit Mahotsay.
- This initiative created awareness about fitness among citizens.
- In summary, the RUN Programme not only celebrated an individual's birth anniversary but also promoted fitness and patriotism, leaving a positive impact on the community.

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OUTCOMES OF THE CELEBRATION OF NATIONAL GIRL CHILD DAY

On 24-01-2022, an event was organized to celebrate National Girl Child Day, aiming to empower girl children and raise awareness about their rights. There were 90 volunteers who participated in the event.

Some of the outcomes of the event:

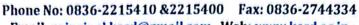
- All the volunteers realized their equality rights and also got empowered in society.
- Positive feedback from participants indicated a significant learning moment.
- The celebration highlighted the importance of gender equality and the empowerment of girl children in society.
- Building a strong community requires empowering girls.
- Interactive sessions with students to discuss gender equality were conducted.
- NSS volunteers and students from Karnatak Science College actively participated.

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OUTCOMES OF THE CAMPUS CLEANING PROGRAMME

The campus cleaning program was organized on 30-01-2022 with 60 volunteers as part of the commemoration of Mahatma Gandhi's 74th death anniversary and Martyr's memorial, honoring his principles of cleanliness and non-violence

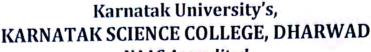
Outcomes of the programme

- Cleaning the campus on this occasion symbolizes students paying homage to Mahatma Gandhi's legacy and the sacrifices of martyrs who fought for the nation's freedom.
- Students, faculty, and staff members actively participated in the cleaning program, demonstrating their commitment to maintaining a clean and hygienic environment.
- The cleaning program promoted values such as cleanliness, hygiene, and community service, instilling these principles among participants.
- The cleaning program not only beautified the campus but also contributed to environmental conservation by promoting waste management and cleanliness practices.
- The campus cleaning program serves as a reminder of the ongoing commitment to honor the legacy of Mahatma Gandhi and martyrs by maintaining cleanliness and upholding their ideals of peace and unity

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OUT COMES OF CAMPUS CLEANING PROGRAMME

A campus cleaning program was arranged on 02-02-2022 at Karnatak Science College campus in which 60 volunteers took part and cleared some of the debris in the college campus.

Outcome of the programme

- The campus cleaning initiative led by the postgraduate NSS volunteers, under the guidance of the Programme Officer at Karnatak Science College, Dharwad, has been a resounding success.
- The concerted efforts in cleaning outdoor areas, pathways, and common spaces, as well as organizing indoor spaces, have not only resulted in a visibly cleaner campus but have also instilled a culture of cleanliness among the student community.
- The enthusiasm and teamwork displayed by the volunteers were instrumental in achieving the goals of the program.
- Moreover, the practice of segregating waste into recyclable and non-recyclable categories has underscored the importance of sustainable waste management practices.
- This activity has reinforced the collective responsibility we share towards maintaining a healthy environment and has paved the way for ongoing commitment to environmental consciousness.

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OUT COMES OF IMPORTANCE OF BLOOD DONATION: A SPECIAL LECTURE

A special lecture was organized on importance of blood donation on 06-02-2022. Mr. Shivayogi Haveri was the resource person. About 100 volunteers were present on the occasion.

Outcome of the programme

- The lecture on the importance of blood donation, delivered by the esteemed NSS volunteer, profoundly resonated with the attendees.
- The comprehensive discussion not only dispelled common myths surrounding blood donation but also highlighted the substantial health benefits it offers to both donors and recipients.
- The dedication and commitment demonstrated by the volunteer in arranging lifesaving blood donations have inspired a new wave of enthusiasm among the volunteers.
- This event has significantly contributed to the understanding and appreciation of blood donation, reinforcing the NSS motto 'Not me but You' and emphasizing our collective responsibility towards societal welfare.

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INTERNATIONAL PLANTATION DAY & SEED BALL SOWING PROGRAMME

REPORT

It sounds like the seminar held at Karnatak University, Dharwad, in collaboration with the NSS Cell and Karnatak College, was an impactful event centered around the themes of rainwater harvesting, plantation, and seed ball sowing. Taking place on the eve of Azadi Ka Amrut Mohatsav on 9th August 2021, the seminar aimed to raise awareness about crucial environmental issues and engage participants in practical initiatives for conservation.

The presence of esteemed individuals like Dr. S.K. Pawar, Dr. D.B. Karidoni, Dr. A.S. Bellad, and Dr. M.B. Dlapati, added prestige to the occasion, showcasing the support and endorsement of the academic community. Dr. J.T. Gudagur's expertise as the Head of the Department of Geology at KSCD contributed significantly to the seminar's success. His talk on water conservation, utilization, and rainwater harvesting structures provided valuable insights into sustainable practices.

Moreover, emphasizing the role of plants and trees in sustaining life and advocating for seed ball sowing in open lands and forest areas underscores the importance of biodiversity and ecosystem preservation. The active participation of nearly 300 NSS volunteers demonstrates a strong commitment to environmental stewardship and community engagement. Overall, the seminar appears to have been a productive platform for knowledge sharing and action towards a greener, more sustainable future.







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TEACHERS QUALITY ASSESSMENT COMMITTEE: 2021-2022

REPORT

Establishing a committee for the periodic assessment of teachers to enhance the quality of education aligns well with the goals outlined in the National Education Policy (NEP). Dakshina Bharat Hindi Prachar Sabha (Karnataka), Dharwad's initiative to ensure the proficiency of teachers catering to CBSE and state syllabus students from grades V to X is commendable.

On 31-05-2021 Dr. Jagadeesh Gudagur's involvement as a member of the committee, leveraging his expertise as an Associate Professor in the Department of Geology at KSCD, indicates a concerted effort to leverage academic insight for educational improvement. His role in evaluating and assessing the performance of teachers is crucial in identifying areas for improvement and recommending necessary measures. In this quality assessment 25 teacher's have been involved

By focusing on enhancing teacher standards, the committee endeavors to positively impact student learning outcomes. This proactive approach underscores a commitment to providing quality education and aligning with the objectives outlined in the NEP. Such initiatives play a vital role in fostering continuous improvement in the educational landscape, ultimately benefiting students and the community at large.

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Geophysical Survey For Identification Fo Borewell Point: 2021-22

REPORT

Dr. J.T. Gudagur, Associate Professor in the Department of Geology, was invited by Sri Raddi Electricals and Digitizing India Pvt. Ltd for groundwater investigation. Accordingly, he visited the site on 20-07-2020 and 06-12-2020 and conducted the survey using Vertical Electrical Sounding (VES). Suggestions for borewell point location and suitable rainwater harvesting structures were provided. Further details are as follows:

| Date of survey | Place/Location/village | Owner/Farmer | Type of survey/Rock | Approximate Yield (in inches)) and purpose | Type of rain water harvesting suggested |
|----------------|------------------------|------------------------------|---------------------|--|--|
| 20/07/2020 | Dharwad | Sri Raddi Electricals | VES/Greywacke | 3½ house hold | Roof top harvesting |
| 6/12/2020 | Kasarwadi, Dandeli | Digitizing India Pvt.Ltd. | VES/ Granite | 2½ agroforesrty | Percolation pond |



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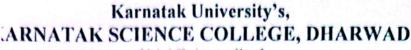


OUTCOME OF INTERNATIONAL PLANTATION DAY & SEED BALL SOWING PROGRAMME

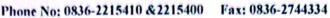
International Plantation Day & Seed ball Sowing programme; Dr.J.T.Gudagur invited as resource person on the topic"Catch the rain, where it falls, when it falls" & International Plantation day & Seed ball Sowing programme on the eve of AzadiKaAmrutMohatsav on 09/08/2021. The important outcome of the programme i) nearly 200 NSS volunteer's were given the task of plantation in our college campus as a result nearly 350 plantation was successfully implemented ii) explained about seed ball sowing with demonstration.

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OUTCOME OF TEACHERS QUALITY ASSESSMENT COMMITTEE

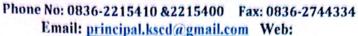
Dakshina Bharat Hindi PracharSabha (Karnataka), Dharwad has made a committee for the periodical assessment of the standard of teachers of their institution to improve the quality of education in accordance with NEP for the CBSC & state syllabus students from V to X standard. Dr.Jagadeesh Gudagur, Associate Professor, dept. of Geology, KSCD is one of the member of the committee has evaluated/assed the performance of the teachers. The outcome are i) the teachers have implemented/ adopted a students friendly teaching methods like going down to the level of students in enhancing the basic knowledge in the respective subjects, ii) Demonstrations with models were effectively implemented.

Karnatak Science College

2020-21









OUECOMES OF THE DISTRIBUTION OF MASK AT DHARWAD MARKET AREA

On 24-04-2021, a distribution of masks in the Dharwad market area was conducted with 40 NSS volunteers to ensure the safety of physically challenged individuals and marketgoers amidst the ongoing health concerns.

Major outcomes of the event

- The volunteers not only distributed masks but also learned techniques of maskwearing and proper maintenance to prevent the spread of the virus.
- The initiative's outcome was not just the distribution of masks but also the fostering of a collective spirit of cooperation and the reinforcement of the message that every individual action contributes to the larger fight against the pandemic.
- This initiative has undoubtedly set a precedent for future endeavors, highlighting that with concerted efforts and community cooperation, it is possible to navigate through the toughest of times.
- The success of the mask distribution drive serves as a reminder that in the face of adversity, unity and collective action are our greatest strengths.

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GEOPHYSICAL SURVEY FOR IDENTIFICATION FO BOREWELL POINT-2020-21

REPORT

Dr. J.T. Gudagur, Associate Professor in the Department of Geology, was invited by Sri S.N.Patil of Nuggikeri, Dharwad and Dr.kirankulkarni.of Kelakeri, Dharwad for groundwater investigation. Accordingly, he visited the site on 21-02-2021 and 05-03-2021 and conducted the survey using Vertical Electrical Sounding (VES) respectively. Suggestions for borewell point location and suitable rainwater harvesting structures were provided. Further details are as follows:

| Date of survey | Place/Location/villag e | Owner/Farmer | Type of survey/ Rock | Approximate Yield (in inches)) and purpose | Type of rain water harvesting suggested |
|----------------|----------------------------|------------------|----------------------------|---|--|
| 21/02/2021 | Nuggikeri, Dharwad | S.N.Patil | VES/ Phyllite | 3/Agiculture | Contour trenches, percolation tank micro Check dam |
| 05/03/2021 | Kelakeri, Dharwad | Dr.kirankulkarni | VES/ Greywa cke | 2½/Farming | Percolation pond roof top rain harvesting |
| | | | | | |











OUTCOMES OF COVID 19, VACCINATION AWARENESS DRIVE

The COVID-19 Vaccination awareness program was conducted on 26-4-2021 at various public places to ensure widespread coverage and provide easy access to Covid vaccinations for each and every individual. In this program, 90 volunteers participated.

Outcomes of the programme

- This program often leads to higher vaccination rates as volunteers educate people about the importance of getting vaccinated.
- Volunteers raise awareness that vaccines are readily available and accessible to all individuals, including those in remote or underserved areas.
- By providing accurate information about vaccine safety, efficacy, and benefits, awareness programs help reduce vaccine hesitancy and increase confidence in vaccination.
- Increased awareness empowers communities to make informed decisions about vaccination, leading to better public health outcomes and reduced transmission of the virus.
- By promoting vaccination and encouraging people to get vaccinated, awareness programs contribute to the overall strengthening of health systems, including vaccination infrastructure and logistics.

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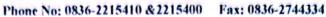
OUTCOMES OF GEOPHYSICAL SURVEY

Groundwater investigation through Vertical Electrical Sounding (VES) and location for borewell point and suitable rainwater harvesting structure were suggested and the details are as follows

| Date of survey | Place/Location/village | Owner/Farmer | Type of survey/Rock | Approximate Yield (in inches)) and purpose | Type of rain water harvesting suggested |
|----------------|------------------------|------------------------------|---------------------|---|--|
| 20/07/2020 | Dharwad | Sri Raddi Electricals | VES/Greywacke | 3½ house hold | Roof top harvesting |
| 6/12/2020 | Kasarwadi, Dandeli | Digitizing India Pvt.Ltd. | VES/ G ranite | 2½ agroforesrty | Percolation pond |
| | | | | | |

- Vertical electrical Sounding (VES) were conducted for investigation of boreweel points by Dr.J.T.Gudagur on 20/07/2020 at Dharwad. After drilling an estimated 8000 lit/hrdischarge of groundwater has been utilized for i) drinking water ii) domestic usage. Roof top rain water harvesting method was proposed and accordingly implemented
- 2) Vertical electrical Sounding (VES) were conducted for investigation of boreweel points by Dr.J.T.Gudagur on 06/12/2020 atKasarwadi village of Dandeli. The outcome of the groundwater after drilling was about 5000 lit/hr. It was a low yielding well which has been used for i) Agroforestry through drip/sprinkler irrigation methods ii) Drinking water after filtration and water quality analysis since there was variation in quality of water with little higher concentration of fluoride content





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OUTCOMES OF GEOPHYSICAL SURVEY

Groundwater investigation through Vertical Electrical Sounding (VES) and location for borewell point and suitable rainwater harvesting structure were suggested and the details are as follows

| Date of survey | Place/Location/village | Owner/Farmer | Type of survey/R ock | Approximate Yield (in inches)) and purpose | Type of rain water harvesting suggested |
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| 05/03/2021 | Kelakeri, Dharwad | Dr.kirankulkarni. | VES/ Greywac ke | 2½/Farming | Percolation pond roof top rain harvesting |

Vertical electrical Sounding (VES) were conducted for investigation of boreweel points by Dr.J.T.Gudagur on 21/02/2021 at Nuggikeri village near Dharwad.

The outcomes of the groundwater after drilling was about 9000 lit/hr. It is good yielding bore well which has been used for:

- i) Agroforestry through drip/sprinkler irrigation methods
- ii) land scraping
- iii) drinking water after quality test
- Percolation pond and contour trenching rain water artificial harvesting methods were affectively implemented.

Vertical electrical Sounding (VES) were conducted for investigation of boreweel points by Dr.J.T.Gudagur on 05/03/2021 atKelageri village. The outcome of the groundwater after drilling was about 6000 lit/hr. It was a low yielding well which has been used for i) nursery in the farm house by drip/sprinkler ii) Drinking water after filtration and water quality analysis . iii) Roof top rainwater harvesting method was implemented by the owner.

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OUTCOMES OF ROADSIDE PLASTIC COLLECTION PROGRAMME

The collection of plastic roadside outside the college campus was conducted on 2-10-2019, with 60 volunteers participating. The program aims to reduce plastic waste through effective collection, recycling, and public awareness campaigns

Outcome of the event

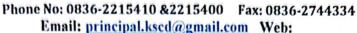
- Volunteers removed plastic waste from roadside areas, which helped improve the aesthetic
 appeal of the surroundings and prevented pollution of nearby ecosystems, such as rivers,
 streams, and wildlife habitats.
- Participation in the program fosters a sense of responsibility and environmental stewardship among college students, faculty, and staff, encouraging them to actively contribute to cleaner and healthier communities.
- The program provides an opportunity to educate students and the community about the harmful effects of plastic pollution on the environment and human health.
- Volunteers promoted the proper disposal and recycling of plastic waste, encouraging sustainable behaviors and habits among participants.
- Active involvement in volunteer initiatives aimed at addressing environmental issues, such
 as plastic pollution, enhances the college's reputation as a socially responsible institution
 committed to sustainability and community.

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MAJOR OUTCOME OF PLANTATION DRIVE

The NSS unit of Karnatak Science College arranged a tree planting event in the college campus on 9-02-2022, with 50 volunteers participating in the drive. Around 50 saplings were planted in the college campus area

Significant outcomes of the plantation drive

- Through this drive, the college campus becomes a green cover, improves air quality, and enhances biodiversity within the college campus and its surrounding areas.
- The addition of trees and plants enhances the aesthetic appeal of the college campus, creating a more pleasant environment.
- The plantation drive provided students with hands-on experience in environmental conservation and encouraged them to learn about the importance of trees in mitigating climate change and sustaining ecosystems.
- In this drive, students, faculty, and staff participated, fostering a sense of community and shared responsibility for environmental stewardship.
- The planted trees contribute to the long-term sustainability of the college campus by providing shade, conserving water, and reducing energy costs through natural cooling and windbreak effects.
- Carbon sequestration tests were conducted, and it was noticed that the carbon dioxide levels in the campus were drastically reduced.
- Participation in the plantation drive empowers students to take action on environmental issues, instilling a sense of environmental responsibility

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HASIRU HONNU

REPORT

Department of Botany was organized a special lecture on "HASIRU HONNU", 05-02-2019 for the academic year 2018-19 in commemoration of Prof. B. G. L. Swamy birth centenary. Prof. H. Niranjanamurty, Department of P.G. Studies in Botany, Karnatak University, Dharwad was invited as chief guest to deliver atalkon Prof.

B. G. L. Swamy contributions. He spokes about his contribution towards Botany and Kannada literature. He mentioned about his most popular book "Hasiur Hunnu".



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NSS REPORT

Karnatak Science College NSS Unit is actively involved in conducting various activities on campus and outside the campus. This academic year, 100 B.Sc/BCA students were registered as NSS volunteers. The NSS volunteers participated in the celebration of national festivals, rallies, campus cleaning programs, plantation programs, and college functions. They also rendered their services as volunteers for accommodation responsibilities during the celebration of the 84th Kannada Sahithya Sammelana at Dharwad. Our college NSS volunteers participated in district-level competitive programs conducted by different college NSS units. Sushma S Patil won the 2nd prize in rangoli, Mallappa P Meesiyavar received the 3rd prize in Debate, and Ravi Durve and Raju Doddamani received the 3rd prize in quiz competitions.

A seven-day NSS annual special camp was conducted at Mangundi, Dharwad (Tq & Dist.) from 3rd to 9th March 2019. The campaign was arranged under the main theme "Jeeva Jala Sumrakshane NSS Hone." Various programs of the said campaign were inaugurated by the President of the function, Dr. C. F. Mulimani, Principal of Karnatak Science College, Dharwad, on 3rd March 2019. Dr. C. F. Mulimani emphasized the importance of conservation and proper use of water. Dr. K. Kotresh, Associate Professor, Dept. of Botany, participated as the Chief Guest and spoke about the cultivation of crops needed during water scarcity. Smt. Annapoorna Sirasangimath (Mangundi Grampanchyathi President), Sri Ningappa Hadapada (SDMC President Mangundi), and Members of Grampanchyathi and SDMC Mangundi participated in the function.

During the campaign, NSS volunteers visited individual houses to create awareness about the conservation and proper use of water, voting, and cleanliness. Various invited talks and cultural activities were arranged in the evening program. Dr. C. G Patil, Associate Professor, delivered a lecture on "Mitha neeru hitha bele," Dr. S. M Tuwar, Associate Professor, spoke about "water pollution: reasons, effects, and remedies," and Dr. L. T. Nayak, Associate Professor, lectured about "Role of NSS for rural development." Dr. K. P. Kolakar (4th March), Dr. (Smt.) V. A. Amminabhavi (5th March), and Dr. G. N. Kumur (7th March) participated as



Presidents of the respective day's evening functions. Dr. (Smt.) M. S Salunke, Dr. K. S. Katagi, and Dr. S. S. Mutebennur visited during the campaign and provided suggestions and wishes for the success of the programs.

On 9th March 2019, the valedictory function was arranged at 11:30 am. Dr. B. S. Giriyappanavar, Associate Professor, Dept. of Botany, participated as the President of the function. Smt. Annapoorna Sirasangimath, Sri Ningappa Hadapada, Smt. A. M. Doddamani (HM Govt. Higher Primary School Mangundi) participated as Chief Guests and appreciated the programs and activities conducted by the Karnatak Science College NSS unit. Dr. B. S. Giriyappanavar gave the presidential remarks. Dr. Rajappa S K, NSS Programme officer, proposed the vote of thanks to those who directly and indirectly helped and gave cooperation for the success of the 7-day campaign.

Overall, NSS volunteers gained good experience and learned many things such as discipline, time management, living together, public speaking, proper exhibition of talent, making use of platforms, self-confidence, and how to involve in social services. These qualities may be helpful for their personality development.

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ADMINISTRATIVE OPPORTUNITIES AFTER B.SC AND SKILL ENHANCEMENT

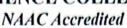
REPORT

The J.C. Bose Botany Study Circle organized a lecture series on 27th March 2019. Prof. Chouglae from Laxman Uppar's Classic KAS and IAS Academe spoke about how after completing a B.Sc. degree, students can take administrative examinations and enter as government administrators. To clear these exams, one has to work hard and mainly focus on current issues. Following this, Karthik Golasangi, Senior Manager at Omega Healthcare, Bangalore, spoke about "Job Opportunities."

Dr. C. F. Mulimani, the Principal, presided over the function. The welcome address was given by Ms. Soumya S. Hugar, and the Vote of Thanks was delivered by Mr. Ramesh. Dr. K. Kotresha, Chairman of the Botany Study Circle, provided information about the importance of the botany study circle. Dr. B. S. Giriyappanavar, Dr. (Smt.) Doris M. Singh, Dr. C. G. Patil, and Dr. K. P. Kolkar (HOD) were present and graced the occasion. Approximately 200 students attended the function.

CHICK









OUTCOMES OF GEOPHYSICAL SURVEY

Groundwater investigation through Vertical Electrical Sounding (VES)and location for borewell point and suitable rainwater harvesting structure were suggested and the details are as follows

| Date of survey | Place/Location/village | Owner/Farmer | Type of survey | Approximate Yield (in inches)) and purpose | rain water |
|----------------|------------------------|--------------|----------------|---|------------|
| 25/10/2018 | Hubli | Madhu | Compass | 3½ house | Roof top |
| | | Industries | | hold | harvesting |

The geophysical survey for location of borewell was conducted by Dr.J.T.Gudagur at M/s Madhu industries, Hubblli on 25/10/2018 and the outcomes are;

- 1. After drilling a borewellan estimated about 7000/liters /hour discharge of groundwater has been utilized after water quality analysis
 - i) industrial use mainly for making utensils
 - ii) Drinking water and
 - iii) After treatment of used water for gardening Roof top rain water harvesting method was proposed and accordingly implemented.

Principal
Karnatak Science College
Dharwad

Dr. J.T. Gudagun