

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

JnanaSangama,Belagavi-590018



NSS Project Report

Submitted in Partial fulfillment of the Requirements for the VIII Semester of the Degree of

**Bachelor of Engineering in
CIVIL ENGINEERING**

By

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1EP23CV006

Under the Guidance of,

Dr. V Harish, Faculty Coordinator, Dept. of CIVIL



**EAST POINT COLLEGE OF ENGINEERING AND
TECHNOLOGY**

Approved by AICTE New Delhi| Affiliated to VTU, Belagavi,

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CERTIFICATE

This is to certify that the NSS activity report work carried out by **HARHITHA M , 1EP23CV0006** bonafide students of East Point College of Engineering And Technology, Bengaluru in partial fulfillment for the award of the Degree of **Bachelor of Engineering in CIVIL ENGINEERING** of the Visvesvaraya Technological University, Belagavi during the year **2024-2025**. It is certified that all corrections/suggestions indicated for the Internal Assessment have been incorporated in the report deposited in the departmental library. This NSS activity report has been approved as it satisfies the academic requirements in respect of NSS activity work prescribed for the said Degree.

Signature of Project Coordinator

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DECLARATION

Ms HARHITHA M, USN: **1EP23CV006** ,here by declare that the NSS activity has been carried out by us under the guidance of **Mrs. SHOBHA N V** , Faculty Coordinator, Department of CIVIL , and **Dr. V HARISH**, NSS Coordinator , East Point College Of Engineering And Technology, Bengaluru, in partial fulfilment of the requirement for the degree of BACHELOR OF CIVIL ENGINEERING, of Visvesvaraya Technological University, Belagavi during the academic year 2024-2025. The work done in this NSS activity report is original and it has not been submitted for any other degree in any university.

Place: Bangalore

Date: 22nd April

2025

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ABSTRACT

This abstract highlights the wide range of activities organized by Visvesvaraya Technological University (VTU) through the National Service Scheme (NSS) to help students grow in various ways. VTU's NSS programs aim to make students more responsible, better leaders, and more connected to their communities. These activities cover many areas like protecting the environment, spreading health awareness, promoting education, and supporting rural development. By participating in these activities, students not only make a positive impact on society but also develop personally and professionally. VTU's NSS activities are shaping students into caring, socially aware individuals ready to tackle real-world challenges.

ACKNOWLEDGEMENT

I take this opportunity to express my sincere gratitude and respect to **East Point College of Engineering And Technology, Bengaluru** for providing me a platform to pursue my studies and carry out the Project.

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ACTIVITY 01

“Contributing to National-Level Initiatives of the Government of India”

INTRODUCTION

In fulfillment of the National Service Scheme (NSS) objectives, our group of Three dedicated individuals embarked in Contributing to National Level Initiatives of the Government of India through Swachh Bharat Abhiyan.

The Government of India has launched several transformative initiatives aimed at improving the quality of life for its citizens and fostering sustainable development. Among these, the Swachh Bharat Abhiyan (Clean India Mission) stands out as a landmark campaign with far-reaching impact. Launched on October 2, 2014, by Hon'ble Prime Minister Shri Narendra Modi, the mission aims to achieve universal sanitation coverage and encourage a culture of cleanliness across urban and rural India. Inspired by the ideals of Mahatma Gandhi, the Swachh Bharat Abhiyan seeks not only to improve sanitation infrastructure but also to bring about a behavioral change in people's attitudes towards cleanliness and hygiene.

The mission promotes active public participation and encourages individuals, educational institutions, workplaces, and civil society to come forward and take ownership of their surroundings. Its goals include the elimination of open defecation, scientific solid waste management, access to clean drinking water, and awareness creation regarding hygiene practices. The success of the initiative lies in its ability to connect with people from all walks of life, transforming cleanliness into a shared social responsibility.

As part of our commitment to national development, we have actively participated in the Swachh Bharat campaign through various cleanliness drives, awareness programs, and sustainability initiatives. These efforts are not limited to symbolic gestures but are designed to bring long-term change in our community and promote environmental responsibility. Activities such as campus cleanliness drives, waste segregation campaigns, installation of dustbins, plantation drives, and hygiene awareness sessions have been conducted regularly to contribute to the broader objectives of the mission.

By aligning our efforts with the goals of the Swachh Bharat Abhiyan, we aim to nurture a cleaner, greener, and healthier environment. Such initiatives also serve to instill a sense of civic duty, responsibility, and national pride among all stakeholders involved. This report highlights the various steps undertaken by our organization/institution in support of the Swachh Bharat Abhiyan and reflects our continued dedication to national-level goals set forth by the Government of India.

ABOUT THE PROJECT

As part of our commitment to this national initiative, we undertook a focused cleanliness activity involving the removal of dry waste near Margonahalli Dam, located in Kunigal Taluk, Tumkur District. This location, known for its ecological and touristic significance, had accumulated a considerable amount of dry waste due to visitor footfall and lack of proper waste disposal mechanisms. Recognizing the need to protect the natural beauty and ecological balance of this area, a dedicated team from our institution organized a one-day cleanup drive to collect, segregate, and dispose of dry waste responsibly.

The activity not only helped in visibly improving the cleanliness of the surroundings but also served to spread awareness about the importance of preserving our natural water bodies and public spaces. Volunteers engaged in the collection of plastic wrappers, bottles, paper waste, and other non-biodegradable materials that posed environmental hazards. Through this initiative, we aimed to set an example for the local community and encourage sustainable practices among visitors.

Our participation in this cleanliness drive reflects our ongoing efforts to contribute to the broader goals of the Swachh Bharat Abhiyan. It reinforces the belief that real change begins with small, consistent efforts at the grassroots level. By taking ownership of our environment and acting responsibly, we take a step closer to realizing the vision of a Swachh and Swasth Bharat.

As part of the cleanliness drive under the Swachh Bharat initiative, a team of three volunteers, including students, faculty members, and local community members, participated in cleaning dry waste near Markonahalli Dam. The volunteers were divided into groups to cover different sections of the area surrounding the dam.

Key Activities Conducted:

- Collection of dry waste such as plastic bags, wrappers, bottles, paper, and other non-biodegradable materials.
- Segregation of waste into recyclable and non-recyclable categories.
- Awareness interaction with local visitors and nearby vendors on responsible waste disposal.
- Placement of temporary sign boards encouraging cleanliness and—Do Not Litter! messages

Volunteer Feedback:

—It was a great experience to work together for a cause that affects everyone. Seeing the area clean afterward made us feel proud of our small contribution, I hope this drive inspires others to take similar steps. Cleanliness is not just a one-time action, it has to become a habit!

—NAVEEN T, Student, EPCET

Photo Gallery:

Volunteers collecting waste near the dam embankment.



Team photo after the cleanup

CONCLUSION:

The cleanliness drive near Markonahalli Dam, Kunigal Taluk, Tumkur District, was a valuable contribution to the Swachh Bharat Abhiyan. Through the active participation of volunteers, a significant amount of dry waste was collected and disposed of responsibly. The activity not only helped improve the cleanliness of the area but also raised awareness among the public about the importance of maintaining hygiene in public spaces.

This initiative reflects our commitment to national development and environmental responsibility. By taking part in such efforts, we move closer to the vision of a cleaner and healthier India. We aim to continue supporting the goals of Swachh Bharat through regular activities and by encouraging others to adopt sustainable practices in their daily lives.

ACTIVITY 02

“Helping local schools to achieve good results and enhance their enrolment in Higher/technical/Vocational education”

INTRODUCTION

In fulfillment of the National Service Scheme (NSS) objectives, our group of three dedicated individuals embarked on a meaningful initiative aimed at guiding and enlightening young minds about their career prospects post 10th grade. This project was undertaken with the primary goal of equipping students with essential knowledge and insights to make informed decisions about their future academic and career paths.

The project involved the creation and delivery of an engaging PowerPoint presentation tailored specifically to address the interests and concerns of students at this critical juncture in their educational journey. The presentation covered a wide range of career options available after completing 10th grade, emphasizing both academic pathways and vocational opportunities.

Through interactive sessions and informative discussions, I endeavored to inspire and empower students to explore various career avenues aligned with their interests, aptitudes, and aspirations. Our approach aimed not only to provide information but also to foster a sense of curiosity and motivation among the students to explore and plan for their future endeavors proactively.

This report encapsulates the planning, execution, and outcomes of our NSS project, highlighting the impact of our efforts on the students' understanding of career options post 10th grade. It underscores the significance of career guidance in shaping the educational and professional trajectories of young individuals, contributing to their holistic development and future success.

Moreover, we integrated real-life examples and success stories of professionals in different fields to inspire students and broaden their perspectives on career possibilities. Practical advice on selecting subjects, preparing for competitive exams, and seeking mentorship opportunities further enriched our sessions, empowering students to navigate their educational journey with confidence and clarity.

Throughout the project, we observed a positive impact on the students' enthusiasm towards planning their futures, evidenced by increased participation, thoughtful inquiries, and expressed gratitude for the guidance provided. By fostering a supportive and informative environment, our NSS project aimed not only to impart knowledge but also to instill a sense of empowerment and purpose among the young minds preparing to step into the wider world of higher education and professional life.

This report documents our journey, from conceptualization to implementation, highlighting the outcomes, challenges and lessons learned during the course of our NSS project on career guidance. It underscores the importance of proactive career counseling in shaping the educational and professional trajectories of students, reinforcing the NSS ethos of community service and holistic development.

ABOUT THE PROJECT

The project aimed at supporting local schools/Colleges in achieving academic success and promoting enrolment in higher, technical, and vocational education was not impactful but also visually documented through compelling photographs and captured key moments and activities.

I spoke about the following topics:-

1. Introduction to college.
2. Importance of college.
3. Types of college.
4. Choosing the right college.
5. Entrance exams.
6. Selecting the best course.

I made sure that this was an engaging, Interactive presentation for the students.

Group of audience contained the teachers, they were also asked to join in with me and engage with the students.

I also spoke about the streams they should take up after their 10th grade according to their future goals.

I also tried to guide them on the topic of how to score good marks in their 10th board exams and their 9th final exams.

I made sure to teach them about class manners and decorum. I made sure to tell them to respect their teachers and how hard working they are

I began by introducing students to diverse career paths, including traditional and emerging fields. This helped broaden their understanding of the possibilities beyond school

I emphasized the importance of acquiring relevant skills and qualifications for their chosen careers. Discussions included academic requirements, vocational training, and soft skills development.

I guided students on the significance of setting SMART (Specific, Measurable, Achievable, Relevant, Time-bound) goals and creating actionable plans to achieve them. This session aimed to instill a sense of purpose and direction in their career planning.

To inspire and motivate students, I shared success stories and experiences of individuals who have excelled in their respective fields. This provided real-world examples of achievement through hard work and determination.

The presentation included interactive activities such as Q&A sessions and group discussions. This allowed students to voice their concerns, ask questions, and seek personalized guidance.

Photo Gallery:



CONCLUSION:

1. Increased Awareness: Students gained a clearer understanding of the wide range of career options available to them.
2. Enhanced Motivation: Many students expressed new found motivation to pursue their passions and work towards their career goals.
3. Skill Development: The emphasis on skills and qualifications prompted students to consider additional training and development opportunities

ACTIVITY 03

—|| Spreading awareness to enhance students interest in education and goals in anatha ashrama

INTRODUCTION

As part of my third activity under AICTE Activity Point Programme, I along with my friends teamed up and had visited Nandha eepa Mentally Disabled Children's Residential Special School, Malur Taluk.

We interacted with students about career guidance and distributed stationary materials.

we recognize the importance of spreading awareness among students in Anatha Ashrams to enhance their interest in education and goals.

Anatha Ashrams, being institutions that cater to the educational needs of underprivileged children, face unique challenges in providing quality education to their students.

These challenges include limited resources, inadequate infrastructure, and a lack of exposure to modern educational methods.

ABOUT THE PROJECT

The project on spreading awareness to enhance students' interest in education and goals in an Anatha Ashram setting is multifaceted and far-reaching.

The report highlights the importance of engaging students in meaningful activities that foster their intellectual, social, and emotional growth. This include:

1. **Increased Student Engagement:** By providing students with opportunities to participate in various activities, such as competitions, workshops, and community service projects, the report shows that students become more engaged in their education and develop a sense of purpose and direction.
2. **Improved Academic Performance:** The report suggests that students who participate in these activities tend to perform better academically, as they are more motivated and focused on their goals.
3. **Enhanced Problem-Solving Skills:** The activities designed to promote critical thinking and problem- solving skills help students develop these essential skills, making them more competitive in the job market.
4. **Increased Self-Confidence:** By providing students with opportunities to showcase their talents and skills, the report indicates that students develop greater self-confidence and self-esteem, which is crucial for their overall well-being.

Photo Gallery:



CONCLUSION:

In conclusion, our report highlights the importance of spreading awareness among students in Anatha Ashrams to enhance their interest in education and goals.

The findings suggest that students in these settings often face unique challenges that hinder their ability to engage with educational opportunities.

To address these challenges, we recommend a multifaceted approach that includes:

- 1. Teacher Training:** Providing teachers in Anatha Ashrams with training on effective pedagogical methods, particularly those that cater to the needs of students from disadvantaged backgrounds.
- 2. Curriculum Adaptation:** Adapting curricula to better reflect the experiences and interests of students in Anatha Ashrams, ensuring that education is relevant and engaging.
- 3. Community Involvement:** Encouraging community involvement in educational initiatives, fostering partnerships between schools, local organizations, and families to support student learning.
- 4. Mentorship Programs:** Establishing mentorship programs that pair students with positive role models from their communities, providing guidance and support to help them set and achieve educational goals

ACTIVITY 04

“Plantation and adoption of plants”

INTRODUCTION

Environmental conservation has become a critical priority in recent times due to increasing deforestation, pollution, and the impacts of climate change. Trees play a vital role in maintaining ecological balance, improving air quality, conserving biodiversity, and supporting sustainable livelihoods. In this context, the —Plantation and Adoption of Plants initiative was launched with the aim of promoting greenery, increasing environmental awareness, and encouraging individuals to take personal responsibility for the protection and nurturing of the environment.

The concept of plant adoption adds a unique and impactful dimension to traditional tree plantation drives. By encouraging individuals, families, institutions, and communities to "adopt" and care for a plant or tree, the project fosters a sense of ownership and long-term commitment. This approach ensures that planted saplings are not only placed in the ground but also nurtured and monitored for healthy growth.

Under this initiative, plantation drives were organized in schools, public spaces, roadside areas, community parks, and rural regions. Participants were educated about the benefits of trees, the process of planting, and the importance of maintenance. Special focus was given to planting native and climate-resilient species to ensure better survival rates and ecological relevance.

Awareness campaigns, workshops, and interactive sessions were conducted to instill environmental values and encourage eco-friendly practices. Participants were provided with plant care kits and guidance on watering, pruning, and protecting the plants from pests and environmental stress. Schools and community groups were also encouraged to track the growth of adopted plants and share updates, fostering an ongoing relationship with nature.

This project not only aimed at enhancing green cover but also at instilling environmental responsibility, especially among the younger generation. Through collective efforts, the plantation and adoption initiative seeks to contribute meaningfully to sustainable development and a healthier planet for future generations.

ABOUT THE PROJECT

The plantation and adoption of plants are powerful actions toward building a sustainable and greener environment, especially in rural settings where the connection between people and nature is deeply rooted. This project was carried out in a small village by a group of enthusiastic students, aiming not only to increase the green cover but also to spread awareness about environmental responsibility and community involvement.

As part of the initiative, the students organized a plantation drive where a variety of saplings—including native, medicinal, and fruit-bearing plants—were planted in and around the village. These species were chosen to enhance local biodiversity, improve air and soil quality, and provide long-term benefits to the ecosystem. In addition to planting saplings themselves, the students also distributed plants to the village residents. This step empowered the local community to become active participants in the greening effort, encouraging them to take personal responsibility for nurturing the environment.

The concept of plant adoption was a key component of the project. Each student adopted one or more plants, committing to their care by watering, protecting, and monitoring their growth. Similarly, village residents who received plants were guided on how to take care of them and were encouraged to treat the saplings as part of their households. This approach created a sense of ownership and personal involvement, helping to ensure that the plants would thrive long after the initial planting.

Through this initiative, the students not only contributed to environmental conservation but also strengthened community ties. Their hands-on experience served as an educational journey, teaching them the importance of sustainability, teamwork, and long-term care for nature. The involvement of villagers ensured that the effort was shared and that its impact would grow alongside the plants.

This project also aimed to create lasting environmental awareness through direct action and education. The students conducted brief sessions with villagers, especially school children and farmers, to highlight the importance of trees in combating climate change, preserving groundwater, and supporting local wildlife. By involving multiple generations in both planting and caring for the saplings, the initiative planted not just trees, but values encouraging a culture of sustainability, care for the environment, and community-led development. It laid the foundation for future green initiatives, proving that small efforts, when embraced collectively, can lead to meaningful and lasting change.

This project was more than a plantation drive; it was a collaborative effort to foster a greener, healthier, and more environmentally responsible community, led by the energy of youth and supported by the hearts of villagers.

Photo Gallery:



CONCLUSION:

The plantation and adoption project in the village stands as a meaningful example of how small, community-driven efforts can create a significant environmental impact. Through the active participation of students and the involvement of local residents, the initiative successfully combined education, action, and awareness. By planting and distributing saplings, and encouraging their ongoing care, the project not only improved the local greenery but also inspired a collective sense of responsibility towards nature.

More than just planting trees, this effort nurtured a mindset of sustainability and environmental stewardship among both youth and villagers. It proved that when people come together with a shared purpose, lasting change is possible. The bonds formed between students and the community, and the visible growth of the plants in the coming months and years, will serve as a living reminder of what teamwork and dedication to the environment can achieve.