

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

“Jnana Sangama”, Belagavi - 590014, Karnataka



REPORT ON

“National Service Scheme(NSS) activity”

(Water Conservation Techniques – Role of Different Stakeholders - Implementation)

Subject code: BNSK559

In partial fulfillment of the requirements for the award of the Degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

Submitted By

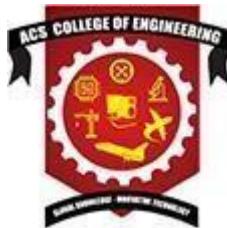
Ayesha Saher (1AH23CS020)

Under the guidance of

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Assistant professor, Dept.of CSE

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

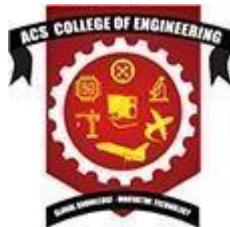
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2025-2026

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

(Affiliated to VTU , Belagavi , Approved by AICTE , New Delhi and ISO9001:2015)

CERTIFICATE

Certified that the Report on our “**National Service Scheme activity (BNSK559) – Water Conservation Techniques –Role of Different Stakeholders – Implementations**” is a bonafide work carried out by **Ms. Ayesha Saher (1AH23CS020)**, in partial fulfillment for the award of Bachelor of Engineering in Computer science & Engineering of the Visvesvaraya Technological University, Belgaum during the year 2025-2026. It is certified that all the corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the departmental library. The Project Report has been approved as it satisfies the academic requirements in respect of Project Work prescribed for the said degree.

Signature of NSS Coordinator

Ms. Divya S,
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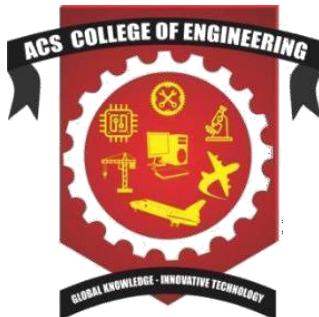
Signature of HOD

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DECLARATION

I, Aaqifa Taskeen (1AH23CS001), here by declare that the report on “**National Service Scheme activity (BNSK559)–Water Conservation Techniques – Role of Different Stakeholders – Implementations**” activity entitled has been independently carried out by me under the guidance of Ms. Divya S, Assistant professor, Department of Computer Science & Engineering, ACS College of Engineering, Bangalore, in partial fulfillment of the requirements of the degree of Bachelor of Engineering in Computer Science & Engineering of Visvesvaraya Technological University, Belgaum.

I, further declare that I have not submitted this report either in part or in full to any other university for the reward of any degree.

Place: Bangalore

Date:

Ayesha Saher

[1AH23CS020]

ACKNOWLEDGEMENT

We hereby take this opportunity to express our sincere gratitude to the following eminent personalities whose aid and advice helped us to complete this report work successfully without any difficulty.

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We would like to extend our profound gratitude to **Dr. Shailaja** Principal ACS College of Engineering, Bangalore for facilitating us to present the report

We would like to extend my profound gratitude to **Dr. Nandha Gopal S M** Head of Department, Department of Computer Science and Engineering, ACS college of Engineering, Bengaluru for facilitating me to present the project report.

We would like to acknowledge my regards to my Mentor , **Ms. Divya S** Assistant Professor, Computer Science and Engineering, ACS College of Engineering, Bengaluru, whose valuable inputs have made me richer in terms of knowledge and also for guiding me at a place where everything was not familiar and also her consistent motivation and encouragement.

We take this opportunity to express our gratitude to all teaching and non-teaching staff of Department of Computer science and Engineering and those individuals who helped and motivated me at different times in my career. Last and not the least, my heart full thanks to my dearest family for their reliable support and prayers forever.

ABSTRACT

Education serves as the foundation for individual empowerment and national development. In many local communities, schools face challenges such as lack of infrastructure, qualified teachers, and limited awareness about higher, technical, and vocational education opportunities. To address these issues and uplift local schools, a structured approach is needed to enhance academic performance and guide students toward advanced education pathways.

This initiative focuses on providing targeted support to local schools by improving teaching methodologies, introducing digital learning tools, and conducting regular training programs for educators. By creating a stimulating learning environment, students become more engaged, confident, and academically successful. Additionally, regular assessments and feedback mechanisms ensure that learning gaps are identified and addressed promptly.

To enhance enrolment in higher education, awareness campaigns about various career paths—including engineering, medical sciences, arts, commerce, polytechnic, ITI, and vocational courses—are conducted. Career counseling sessions and motivational workshops with industry experts and alumni help students visualize a clear academic and career trajectory. Parent-teacher collaboration is encouraged to ensure families are informed and supportive of higher educational aspirations.

The initiative also promotes extracurricular development through science fairs, innovation challenges, and soft skills workshops, making students not only academically strong but also personally confident. Community participation, school leadership engagement, and regular monitoring help maintain momentum and ensure sustainability.

By strengthening the educational ecosystem at the grassroots level and fostering a culture of aspiration and achievement, this initiative aims to increase enrolment in higher, technical, and vocational education significantly. The outcome is a more educated, skilled, and empowered youth population ready to contribute to nation-building and personal upliftment.

