

||Jai Sri Gurudev||

ADICHUNCHANAGIRI UNIVERSITY

BGS INSTITUTE OF TECHNOLOGY

BG Nagara-571448, Nagamangala Taluk, Mandya District, Karnataka (INDIA)



An Activity Report Submitted Under

“AICTE ACTIVITY PROGRAMME”

In Partial Fulfilment of the Requirements for the Degree of

Bachelor of Engineering

In

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Submitted by:

DIVYA H S

20ECE028

Under the Guidance of:

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**Director-HR, Professor,
Department ECE**



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

BGS INSTITUTE OF TECHNOLOGY

(Approved by AICTE, New Delhi & Recognized by Govt., of Karnataka)

B.G. Nagara-571448

2020-2024

ADICHUNCHANAGIRI UNIVERSITY

BGS INSTITUTE OF TECHNOLOGY

B G Nagara, Nagamangala Taluk, Mandya-571448

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



CERTIFICATE

This is to certify an “**AICTE ACTIVITY PROGRAMME**” carried out by **Ms. DIVYA H S (20ECE028)** is a bonafide work as per **AICTE ACTIVITY PROGRAM** guidelines, in partial Fulfillment of the requirements for the Degree of Bachelor in Engineering in **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**. The activity report has been approved as it satisfies the academic requirements in respect to the activity program guidelines prescribed by the university and AICTE.

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Professor & HOD,

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ACKNOWLEDGEMENT

I would like to take this opportunity to thank a lot of eminent personalities, without whose constant encouragement, this endeavor of mine would not have become a reality.

My heartfelt gratitude to our honourable Principal **Dr. B N Shobha, BGS Institute of Technology**, for her constant support and encouragement.

I am greatly indebted to **Dr. P S Puttaswamy, Professor & Head, Department of Electronics and Communication Engineering** for providing me with all the facilities necessary for making this activity program a great success.

I would like to thank **Mrs. Prabhavathi K, Assistant Professor, Department of ECE**, activity program Coordinator for his continuous support.

I would like to thank my beloved parents for their support, encouragement. And last but not the least, I would be very pleased to express our heartily thanks to all the teaching and non-teaching staff of ECE department and friends who have rendered their help, motivation and support.

DIVYA H S(20ECE028)

ACTIVITY-1

TO SKILL RURAL POPULATION

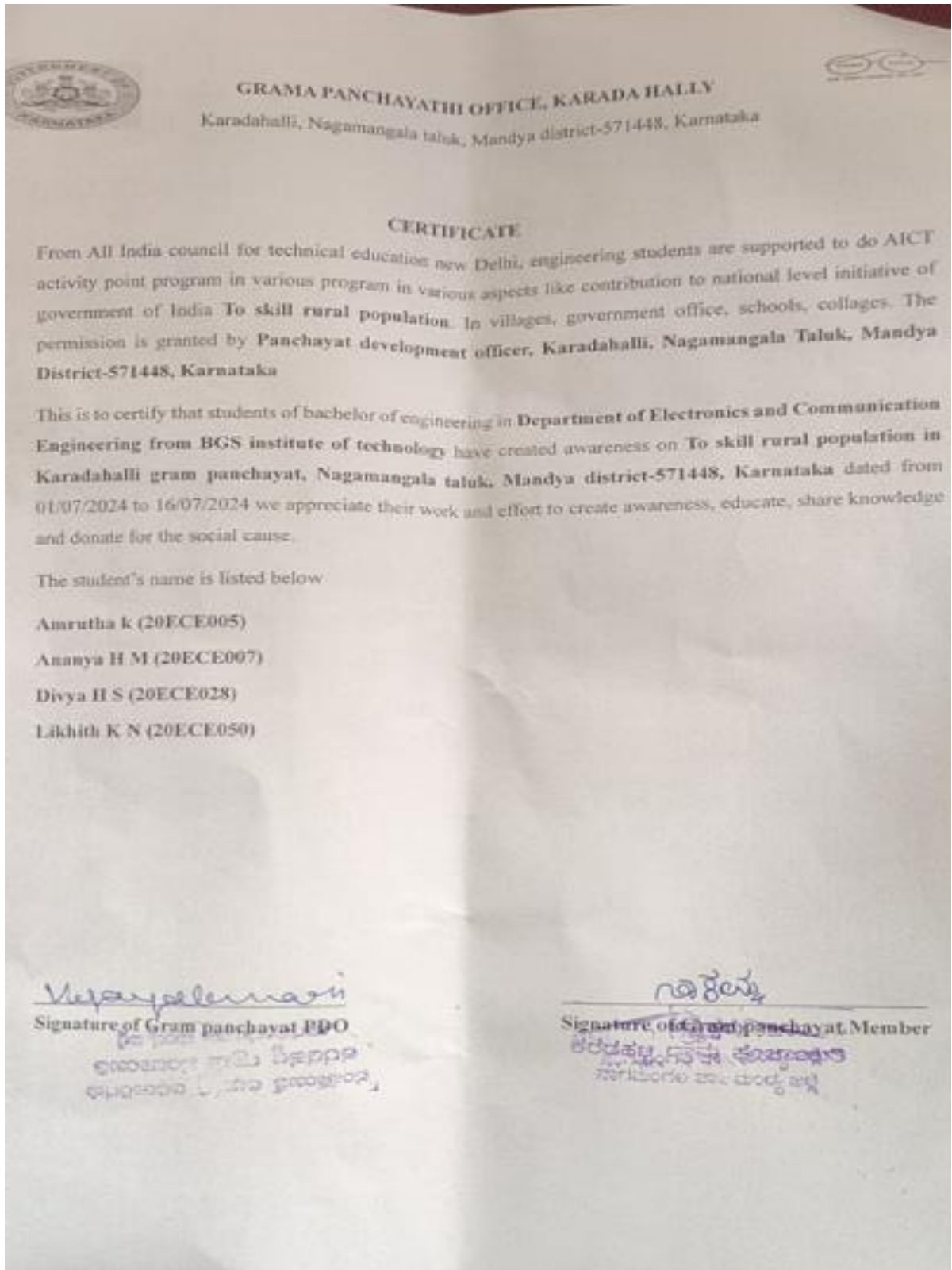


About activity

To skill rural population, there are several approaches that can be taken such as:

- Vocational training programs: Vocational training programs can help rural populations gain skills in specific trades, such as carpentry, agriculture, or computer skills. These programs can be offered through government initiatives, non-profit organizations, or private companies.
- Apprenticeships: Apprenticeships are a traditional method of learning a trade that involves on-the-job training with a skilled worker. This can be a valuable way to learn hands-on skills and gain practical experience.
- Entrepreneurship programs: Entrepreneurship programs can help rural populations learn how to start and run their own businesses. This can be a way to create jobs in the local community and provide economic opportunities for individuals.
- Access to technology: Providing access to technology, such as computers and the internet, can help rural populations gain skills in areas such as digital marketing, e-commerce, and online communication. This can be done through community centers, libraries, or other public spaces.
- Microfinance: Microfinance programs can provide small loans and other financial services to rural populations, which can help them start businesses or invest in their education and training.
- Partnerships with local businesses: Partnering with local businesses can help rural populations gain access to training and employment opportunities. This can be done through job fairs, networking events, and other community outreach efforts.

CERTIFICATE



ACTIVITY-2**TO AWARENESS ON CLEANLINES AND PROVIDING
PROPER GUIDANCE ABOUT TEMPLE**

About activity

Introduction

The guidance for temple visitors serves as a comprehensive framework to enhance the spiritual and cultural experience for individuals entering these sacred spaces. It encompasses a set of principles aimed at fostering reverence, understanding, and respect. Visitors are encouraged to adhere to dress codes, removing shoes or following specific rituals as signs of humility and acknowledgment of the sacredness within. The guidance also underscores the importance of maintaining a serene and quiet atmosphere, minimizing unnecessary noise to allow for personal reflection and worship. Additionally, it may include information about the significance of various symbols, rituals, or historical aspects within the temple, fostering a deeper appreciation for the cultural and religious heritage. Ultimately, this guidance seeks to create a harmonious environment where visitors can connect with the divine, appreciate the rich cultural tapestry, and leave with a profound sense of spiritual fulfillment.

The guidance underscores the significance of maintaining a serene and quiet ambiance within the temple premises, urging visitors to refrain from unnecessary noise and distractions, allowing for personal reflection and connection with the divine. Furthermore, it delves into the historical and cultural context of the temple, providing insights into the symbolism behind various rituals, artifacts, and architectural elements. Visitors are invited to engage with informational resources that deepen their understanding of the religious practices and cultural heritage embedded in the temple. This comprehensive approach aims to foster a profound and meaningful experience for visitors, transcending the physical surroundings to evoke a spiritual connection and appreciation for the rich tapestry of traditions encapsulated within the sacred walls. The guidance serves as a bridge between the secular and the divine, guiding visitors on a transformative journey that extends beyond mere observation to genuine participation and spiritual fulfillment.

Here are some objectives for keeping temples clean and inviting:

- 1. Maintaining the spiritual significance of the temple:** Temples are considered sacred spaces where people come to pray, meditate, and seek solace. Keeping these spaces clean and inviting is important for maintaining their spiritual significance and creating a welcoming environment for visitors.
- 2. Purifying negative karma and accumulating merit:** According to a text by the Third Dodrupchen Rinpoche, cleaning a temple has many benefits, including purifying negative karma, accumulating merit, and creating a conducive environment for meditation.

3. Practicing mindfulness and cultivating devotion: Cleaning a temple is not just a physical task, but also a spiritual one. It is an opportunity to practice mindfulness and cultivate a sense of devotion.

4. Promoting environmental sustainability: Many temples are adopting eco-friendly practices such as composting flower and wet waste from their kitchens into manure and reducing the use of plastic bags and single-use plastic items. This helps promote environmental sustainability and reduce the carbon footprint of the temple.

Awareness about cleanliness

1. Enhanced Spiritual Experience: A clean and well-maintained temple provides a conducive environment for visitors to engage in prayer, meditation, and spiritual contemplation. A serene and tidy space allows visitors to focus their minds and deepen their spiritual connection without distractions.


2. Improved Hygiene and Safety: Regular cleaning helps maintain hygiene standards within the temple premises, reducing the risk of infections or accidents for visitors. Clean floors, altars, and seating areas ensure a safe and comfortable environment for worship and exploration.

3. Positive Aesthetic Experience: A clean temple creates a positive aesthetic experience for visitors, enhancing their overall impression of the sacred space. When the surroundings are neat and tidy, visitors are more likely to feel uplifted and inspired by the beauty of the architecture, artwork, and natural surroundings.

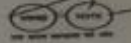
4. Respect for the Sacred: Cleaning temples is an act of reverence and respect for the sacred space and the deity worshipped within. Visitors are more likely to feel a sense of reverence and awe when they enter a temple that is well cared for, fostering a deeper appreciation for the spiritual significance of the site.

5. Promotion of Tourism: Clean temples are more appealing to tourists and visitors, contributing to the promotion of cultural and religious tourism. Visitors are more likely to recommend and revisit a temple that is clean and well-maintained, thus boosting tourism revenue and supporting local economies.

CERTIFICATE



GRAMA PANCHAYATHI OFFICE, KARADAHALLY
 Karadahalli, Nagamangala taluk, Mandya district-571448, Karnataka



CERTIFICATE

From All India council for technical education new Delhi, engineering students are supported to do AICT activity point program in various program in various aspects like contribution to national level initiative of government of India To awareness on cleanliness and providing proper guidance about temple. In villages, government office, schools, collages. The permission is granted by Panchayat development officer, Karadahalli, Nagamangala Taluk, Mandya District-571448, Karnataka

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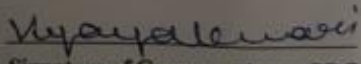
The student's name is listed below

Amrutha k (20ECE005)

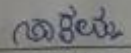
Ananya H M (20ECE007)

Divya H S (20ECE028)

Likhith K N (20ECE050)



Signature of Gram panchayat PDO
 ಪಂಚಾಯತಿ ಅಧ್ಯಕ್ಷರ ಸಹಿ
 ಶರದಕಟ್ಟೆ ಗ್ರಾಮ ಪಂಚಾಯತಿ
 ನಾಗಮಂಗಲ ತಾ. ಮಂಡ್ಯ ಜಿಲ್ಲೆ



Signature of Gram Panchayat Member
 ಶರದಕಟ್ಟೆ ಗ್ರಾಮ ಪಂಚಾಯತಿ
 ನಾಗಮಂಗಲ ತಾ. ಮಂಡ್ಯ ಜಿಲ್ಲೆ

ACTIVITY-3

IMPORTANCE OF HIGHER EDUCATION



Higher education plays a pivotal role in shaping individuals and societies by fostering intellectual growth, promoting economic prosperity, and driving social progress. At its core, higher education offers a transformative experience that goes beyond acquiring specialized knowledge and skills. Here are some key reasons why higher education is crucial: Higher education cultivates critical thinking, analytical reasoning, and problem-solving skills. Through rigorous academic pursuits, students learn to evaluate information critically, think independently, and engage in intellectual discourse. This intellectual development prepares individuals to navigate complex issues and contribute meaningfully to society. A higher education degree significantly enhances career prospects and earning potential. It equips individuals with specialized knowledge and expertise required for success in various professions and industries. Moreover, many employers prioritize candidates with advanced degrees for leadership roles and positions of responsibility, offering opportunities for career advancement and professional growth. Higher education is closely linked to economic prosperity at both individual and societal levels. Educated individuals are more likely to secure stable employment, earn higher salaries, and enjoy greater job security. Additionally higher education contributes to innovation, entrepreneurship, and technological advancements, driving economic growth and competitiveness in a globalized economy.

OBJECTIVES

The objectives of higher education encompass a broad spectrum of goals aimed at fostering intellectual, personal, professional, and societal development.

Here are some key objectives:

1.Academic Excellence: Higher education aims to promote academic excellence by providing rigorous academic programs and resources that facilitate deep learning, critical thinking, and intellectual inquiry. Institutions strive to maintain high standards of teaching, research, and scholarship across various disciplines, preparing students to excel in their chosen fields of study.

2.Personal Development: Higher education seeks to foster the holistic development of students by nurturing their intellectual, emotional, social, and ethical growth. Through academic coursework, extracurricular activities, and experiential learning opportunities, students develop essential life skills such as communication, collaboration, problem-solving, resilience, and adaptability. Additionally, higher education encourages self-reflection, self-discovery, and personal growth, empowering students to become well-rounded individuals with a strong sense of identity, purpose, and values.


3.Professional Preparation: One of the primary objectives of higher education is to prepare students for successful careers and professional endeavors. Institutions offer academic programs, internships, and

career development services that equip students with the knowledge, skills, and competencies required to thrive in the workplace. Higher education also fosters a culture of lifelong learning and continuous professional development, empowering individuals to adapt to changing industry trends, technological advancements, and global challenges throughout their careers.

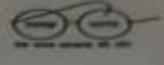
4.Research and Innovation: Higher education plays a crucial role in advancing knowledge, driving innovation, and addressing complex societal challenges through research, scholarship, and creative inquiry. By fostering a culture of innovation and entrepreneurship, higher education contributes to economic development, social progress, and cultural enrichment within local and global communities.

5.Global Citizenship: Higher education promotes global awareness, intercultural understanding, and responsible citizenship among students. Institutions offer study abroad programs, international exchange opportunities, and cross-cultural initiatives that expose students to diverse perspectives, cultures, and worldviews. By fostering empathy, tolerance, and respect for diversity, higher education prepares students to become engaged global citizens who contribute positively to a diverse and interconnected world.

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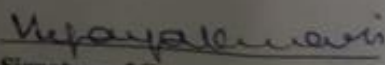
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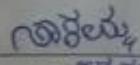
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Likhith K N (20ECE050)


Signature of Gram panchayat PDO
ಕರಡಹಳ್ಳಿ ಗ್ರಾಮ ಪಂಚಾಯತಿ
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ಸಾಗರಮಠಂ ಪಾ. ಮಂಜು ಪಟ್ಟಿ


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ACTIVITY-4

DEVELOPING AND MANAGING SUSTAINABLE WATER MANAGEMENT SYSTEM




Developing a sustainable water management system is crucial for conserving this vital resource and ensuring its availability for future generations. Here are some key steps and considerations to help you develop such a system:

- **Water Assessment:** Begin by conducting a comprehensive assessment of your water resources. Evaluate the quantity, quality and availability of water sources in your area. Identify potential risks, such as pollution or overuse, that may impact water availability.
- **Set Goals:** Define your goals for sustainable water management. Consider factors like water conservation, efficient use, and protecting ecosystems. Set measurable targets that align with these objectives.
- **Efficient Water Use:** Promote water conservation and efficient water use practices. Encourage individuals, households, and businesses to adopt water-saving technologies, such as low-flow fixtures, efficient irrigation systems, and water-efficient appliances.
- **Rainwater Harvesting:** Encourage the collection and storage of rainwater. Implement rainwater harvesting systems, such as roof top collection system a in gardens, to capture and store a in water for non-potable uses like irrigation or toilet flushing.
- **Greywater Recycling:** Implement greywater recycling systems to reuse wastewater generated from sources like showers, sinks, and laundry. Treated greywater can be used for irrigation or industrial purposes, reducing the demand for freshwater.
- **Water Reuse:** Explore opportunities for water reuse in your community. Consider implementing water treatment systems that can convert waste water into high-quality water for non-potable uses like industrial processes or landscaping.
- **Leak Detection and Repair:** Implement a proactive leak detection program to identify and repair leaks promptly.


- **Public Awareness and Education:** Raise awareness about the importance of water conservation and sustainable water management practices. Conduct public education campaigns, workshops, and seminars to encourage behavior change and foster a water-conscious community.
- **Policy and Regulation:** Develop and enforce policies and regulations that promote sustainable water management. Implement water-use restrictions, water pricing mechanisms, and standards for water-efficient technologies. Collaborate with local government, water agencies, and stake holders to ensure compliance and enforcement.
- **Monitoring and Evaluation:** Continuously monitor and evaluate the effectiveness of your water management system. Collect and analyze data on water consumption, conservation efforts and water quality. Use this information to identify areas for improvement and make informed decisions.
- **Collaboration and Partnerships:** Foster collaboration with other organizations, government agencies, and stake holders involved in water management. Pool resources, share best practices, and collaborate on joint initiatives to achieve collective goals.

Remember, sustainable water management requires a long-term commitment and a holistic approach. By implementing these steps and engaging the community, you can contribute to the conservation and responsible use of water resources.

CERTIFICATE



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Vijayalekshmi
 Signature of Gram panchayat PDO
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ACTIVITY-5

DEVELOPING AND MANAGING EFFICIENT
GARBAGE DISPOSABLE SYSTEM

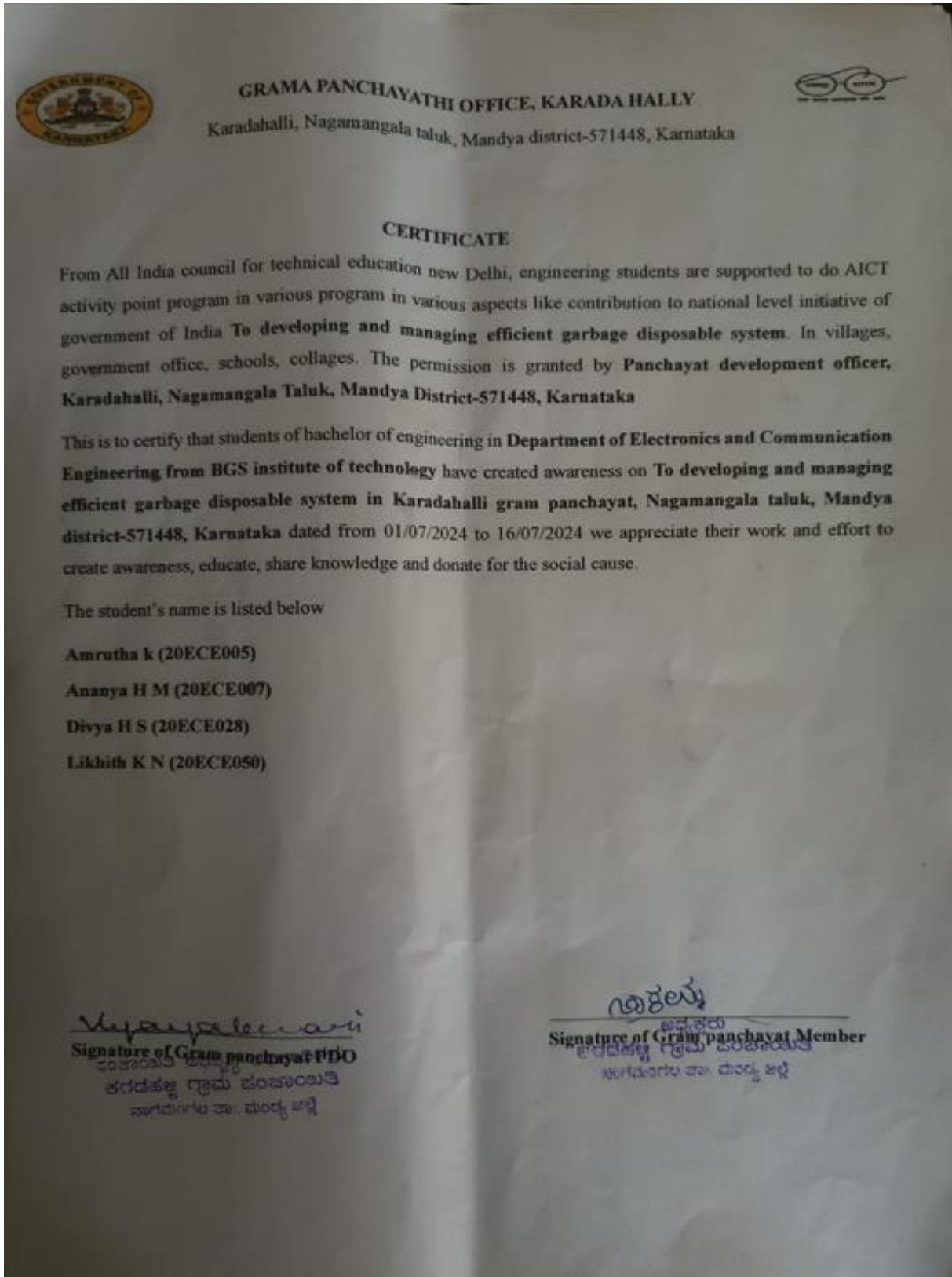
Garbage disposal is a critical aspect of waste management that helps maintain the cleanliness and hygiene of our surroundings. Efficient garbage disposal not only ensures a healthy environment but also reduces the risk of diseases and pollution.

Here are some steps for developing and managing an efficient garbage disposal system:

- Identify the types of waste: Segregate the waste into categories like organic, recyclable, and hazardous waste. This will help in effective disposal and recycling.
- Implement waste segregation at the source: Encourage residents, businesses, and industries to separate waste at the source. Provide separate bins for different types of waste and educate people on the importance of waste segregation.
- Develop a collection system: Establish a collection system that is efficient, timely, and covers all areas. Ensure that the collection vehicles are well-maintained and have adequate capacity to collect the waste.
- Establish a disposal system: Determine the appropriate disposal method for each type of waste. Organic waste can be composted, while recyclables can be sold to recycling companies. Hazardous waste needs special treatment and should be disposed of in a safe and environmentally friendly way.
- Encourage waste education: Promote waste reduction practices like using reusable bags, bottles, and containers. Encourage people to reduce their consumption of products that generate a lot of waste.
- Educate people: Conduct awareness programs and workshops to educate people about waste management practices. Encourage community participation in waste management activities.
- Monitor and evaluate: Regularly monitor the garbage disposal system to ensure that it is working efficiently. Evaluate the system periodically and make necessary changes to improve its efficiency.

Efficient garbage disposal requires the active participation of individuals, communities, and local authorities. By implementing these steps, we can ensure that our waste is managed effectively, protecting our environment and public health.

CERTIFICATE



CONCLUSION

The Activity Points Program was a very innovative way to get students to dabble in volunteering work and be more sensitive to the social concerns that exist in this day and age. I was able to cultivate many virtues and skills through the activities that I took part in. Some being, time management, creative thinking, awareness regarding topics and so on.

In total, I have done around 230 hours of activities, which is equal to gaining 54 credit points according to the AICTE guidelines for the activity points program.