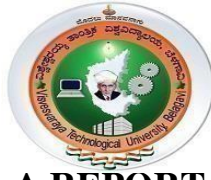


# **VISVESVARAYA TECHNOLOGICAL UNIVERSITY**

Jnana Sangama, Belagavi-590018, Karnataka



## **A REPORT On**

### **AICTE ACTIVITY POINTS PROGRAMME**

#### **Spreading public awareness under rural outreach program**

Submitted in partial fulfillment of the requirements  
for the award of the degree of

#### **Bachelor of Engineering in Electronics & Communication Engineering**

Submitted by

**NAME: BRAHMI MAIYA R**

**USN: 1DB20EC015**



#### **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**DON BOSCO INSTITUTE OF TECHNOLOGY**  
Kumbalagodu, Mysore Road, Bangalore 560074  
**[2022-2023]**

**DON BOSCO INSTITUTE OF TECHNOLOGY**  
NAAC Accredited Institution, accredited by NBA & Permanently affiliated by VTU  
Kumbalagodu, Mysore Road, Bangalore 560074

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**



**Certificate**

Certified that under the **AICTE Activity Points Programme**, the following Phase-4 activity “**Rural outreach program**”, has been carried out by **BRAHMI MAIYA R (1DB20EC015)** in partial fulfilment for the award of Bachelor of Engineering in **Electronics and Communication** of the Visvesvaraya Technological University, Belagavi during the academic year **2022-2023**. It is certified that all the corrections/suggestions indicated have been incorporated in the report deposited in the departmental library. The AICTE Activity Points Programme Report has been approved as it satisfies the academic requirements in respect of Activity Points prescribed for the said degree.

**Activity Duration:** April 2023 – June 2023 **Marks Awarded:**

Signature of Coordinators

**Prof. Lakshmi Devi T.R & Prof. Tejaswini M L**

Assistant Professors,  
Department of E&C,  
DBIT

Signature of HOD

**Dr. Maheshwarappa A N**

Professor and  
HOD, Department  
of E&C, DBIT

Signature of Principal

**Dr. B S Nagabhushana**

Principal,  
DBIT

# ACKNOWLEDGMENT

The satisfaction and euphoria that accompany the successful completion of any task would be incomplete without the mention of the people who made it possible and under whose constant guidance and encouragement the task was completed.

I express my sincere gratitude to **Wayanamac Education Trust**, Don Bosco Educational Institutions, for providing an opportunity and facilitating for the entire duration of the AICTE Activity Point Phase 3.

My Heartfelt gratitude to Honorable Principal, **Dr. B S Nagabhushana**, Don Bosco Institute of Technology, for facilitating and extending untiring support in the successful completion of the AICTE Activity Point Phase 3.

I wish to thank our HOD, **Dr. Maheshwarappa A N**, Electronics and Communication Engineering Department for helping us to successfully complete this activity.

I acknowledge with deep sense of obligation, help and encouragement given by our AICTE Coordinators **Prof. Lakshmi Devi T R and Prof. Tejaswini M L** for coordinating the entire duration of the activity.

I wish to thank the members of **K Gollahalli Grama Panchayat** along with the residents of **K Gollahalli** village for their support in implementing this activity.

Finally, I am very much thankful to all the faculty members of the Department of Electronics and Communication Engineering, my friends and my parents for their constant encouragement, support and help throughout the Period of activity Conduction.

Successful execution of the project wouldn't have been possible without the support of Corporate and Institutional Volunteers.

**Thanks, and Regards**

**BRAHMI MAIYA R**

**1DB20EC015**

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# Chapter 1

## Introduction – About AICTE Activity Points Programme and Activity Summary Sheet

AICTE Activity Points Programme is an **ADDITIONAL REQUIREMENT FOR EARNING 4 YEARS DEGREE PROGRAMME.**

Apart from technical knowledge and skills, to be successful as professionals, students should have excellent soft skills, leadership qualities and team spirit. They should have entrepreneurial capabilities and societal commitment.

In order to match these multifarious requirements, AICTE has created a unique mechanism of awarding Activity Points over and above the academic grades.

### Activity Summary Sheet

Activity Head	Total Duration/ Week	Performance appraisal/ Maximum points/ activity	Remarks
Spreading public awareness under rural outreach program	2 weeks (80-90Hrs)	20	Accomplished







## Chapter 2

### Pre-planning /Preliminary Survey/Feasibility Study

The objectives of AICTE student activity are to expose students to the real time life challenges, to provide opportunities to gather data, analyze data, propose solutions and implement solutions, provide an opportunity for personal development, to create engineers who are proud volunteers having sense of achievement and ready to take up projects having social impact and to create digital awareness.

As a part of earning AICTE activity points, I as a student of fourth year Electronics and communication engineering along with my group, visited K Gollahalli village to educate the people about the latest technology in organic farming and need to upskill the lack of electricity and take complete advantage of various schemes and programs offered by the GOK and GOI by performing various activity.



The entire program was carried out on Sundays over the period of April 2023 – June 2023. Each day, the program was done by interacting with the people of village and creating awareness about various government schemes and programs. The layout of the activity program is given below:

## PROGRAM FLOW

Day	Name of Activity
1.	Introduction to Rural outreach program
2.	Awareness about Government Policies
3.	Interaction about Different Govt. Policies related with farming, health, education.
4.	Interaction with Groups of people taking benefit of policies.
5.	Interaction with some other groups like NSS & NCC working in the area.
6.	Awareness about Water and waste management, Sanitation.
7.	Interaction about Solar electricity, Gas electricity and other Occupation.
8.	Interaction about Govt. policies to encourage Solar electricity, Gas electricity and other Occupation.
9.	Interaction about importance of skills and education among Organic farming.
10.	Providing information about Resources available for the Organic farming.
11.	Awareness about Govt. policies for Organic farming and education.
12.	Awareness about technical advancements and importance of local library.



## Chapter 3

### IMPORTANCE OF RURAL OUTREACH PROGRAM

Rural outreach programs focused on organic farming and electricity plantation contribute to holistic rural development, fostering sustainability, environmental conservation, health promotion, economic opportunities, and improved quality of life for rural communities.

Skilling rural people is the key to combatting the issue of development in both farming and non- farm employment sector. Organic farming practices encourage the use of natural resources efficiently and minimize the negative environmental impact. By reducing the use of chemical inputs, organic farming helps protect water sources from pollution, preserves biodiversity, and maintains ecosystem balance. It contributes to climate change mitigation by promoting carbon sequestration in the soil and reducing greenhouse gas emissions.



## Chapter 4

### OBJECTIVES OF THE ACTIVITY

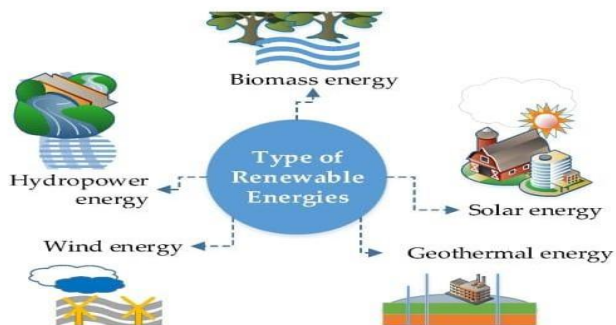
The main objectives of the activity are as follows:

- 1) One of the main objectives is to ensure that rural communities have an idea and access to essential services such as healthcare, education, clean water, sanitation, electricity and organic farming.
- 2) The program aims to bridge the gap between rural areas and urban centers by bringing these services closer to the rural population.
- 3) Rural outreach programs often aim to empower rural communities by providing them with the knowledge, skills, and resources they need to improve their livelihoods and overall well-being.
- 4) Rural outreach programs often focus on improving healthcare services and promoting hygiene and sanitation practices in rural communities.
- 5) Develop a long-range plan to meet current and future needs.
- 6) Awareness about, and response to, local mental health and wellbeing challenges.
- 7) Community based response to people experiencing medical disease.
- 8) Collaboration between health services, local government and other agencies to support and build resilient communities.

Engineers are the members of society that are engaged in systematic development of technology, and application of that technology to the benefit of society. It is a critically important responsibility that engineers have.

Engineering activities can have profound impact on society.

Engineering cannot operate in a vacuum separate from society. By its very nature engineering is bound up with society and human behavior. Hence, the students must become knowledgeable on how society is organized, how it functions, what are the issues it faces and how it uses or depends on technology.





The program aims to educate and train rural communities about the benefits and practices of organic farming, which involves minimizing the use of synthetic inputs, protecting soil health, and promoting biodiversity. The objective is to encourage farmers to adopt organic farming techniques that are environmentally friendly, economically viable, and socially beneficial.

The program seeks to improve the availability of healthy and nutritious food in rural areas by promoting organic farming practices. Organic farming methods focus on producing nutritious crops without relying on synthetic pesticides and fertilizers, which can have long-term benefits for community health and well-being.

The program aims to empower rural communities by providing them with knowledge, skills, and resources to engage in sustainable agricultural practices. By promoting organic farming, the program can help farmers reduce dependency on external inputs, improve self-sufficiency, and create opportunities for local entrepreneurship and income generation.

The program strives to protect and conserve the environment by promoting organic farming practices. Organic farming methods prioritize the conservation of soil, water, and biodiversity, reducing the negative impacts of conventional agriculture on ecosystems and contributing to climate change mitigation.

The program may include an aspect of electricity plantation or the introduction of renewable energy solutions in rural areas. This objective aims to provide access to clean and reliable electricity, particularly in regions with limited grid connectivity. By establishing renewable energy systems such as solar panels or small-scale wind turbines, the program can improve energy access, support local development, and reduce reliance on fossil fuels.

The program aims to provide training, workshops, and educational materials to rural communities, farmers, and relevant stakeholders. By building the capacity of individuals and organizations in organic farming techniques and renewable energy systems, the program enables

Providing practical skills in managing warehouses, logistics and crop-yielding techniques as part of skill training is pivotal to save the rural youth from the increasing commercialization of farming and create a new stream of employment opportunities for them.

## Chapter 5

### Day 1

#### Activity Breakup

##### Introduction to Rural outreach program

As we reached the village on the first day, we were greeted by the curious and excited faces of the village people. We introduced ourselves and explained the purpose of our visit to the village and about the activities that were to be conducted. The people were very excited to interact with us. The members of Gram Panchayat and the village residents welcomed us with a lot of appreciation.

We asked the problems of the villagers, and we selected to create a awareness about problems and some Govt. policies and resource of knowledge.

Then, we selected two major problems which are lack of organic farming and lack of electricity.





## Day 2

### Awareness about Government Policies

During this session, we explained the different schemes and policies formed by the government for organic farming and electricity plantation. We had prepared various charts and posters that helped us to overcome the two problems i.e., Lack of electricity and organic farming. We explained about the importance of enhancing their skills to achieve the good outcome in crop yield and maintain electricity. Some of the policies discussed were:

#### Organic farming policies:

- National Program for Organic Production (NPOP)
- Paramparagat Krishi Vikas Yojana (PKVY)
- Pramod Mahajan Antyodaya Yojana (PMAY)

#### Electricity policies

- Electricity Act, 2003
- Ujwal DISCOM Assurance Yojana (UDAY)
- Deen Dayal Upadhyaya Gram Jyoti Yojana (DDUGJY)



## Day 3

### Interaction about Different Govt. Policies related with farming, health, education.

In this session, the people were given information about the different Govt. Policies related with farming, health, education. We also explained about the importance of organic farming and non-chemical pesticides.

We also explain the Govt. policies in which the fertilizers are given in low cost and which are approved as eco-friendly and give more yield.





## Day 4

### Interaction with Groups of people taking benefit of policies.

During this session, we interacted with the peoples of the village who are already taking benefit of the existing policies and provided how they can make better use of those policies to increase their productivity. We also setup a technical help desk to help people in ensuring that they have all the right information necessary.

We also explained the procedure to avail the policies and detailly explained the rules of the policies and whom to be contacted to get the facilities of this policies.



## Day 5

### Interaction with some other groups like NSS & NCC groups working in the area.

In this session, we interacted with some other groups like NSS & NCC working in the area. We also helped with them in setting up proper channels and sites to ensure all the peoples of the village had access to all the groups in which modern farming technics are shared. Both the groups helped in sharing the information of modern technologies and equipment's and we explained how to use them like rotary etc.





## Day 6

### Awareness about Water and waste management, Sanitation.

In this session, we created awareness about water and waste management. We also explained about water management technics which are used vastly in crop irrigation like drip irrigation and waste management of human and animals which will give more yield and we can use animal wastage as electricity plantation like gobar gas.

We can save water by this technical of irrigation system and we can give small amount of water for large scale crop.



GPS Map Camera

Bengaluru, Karnataka, India

30,feet 7th Main Jigani Main Rd, opp. Poorvika

Show Room, Bengaluru, Karnataka 560074, India

Lat 12.881233° Long 77.444816°

GMT +05:30

Google

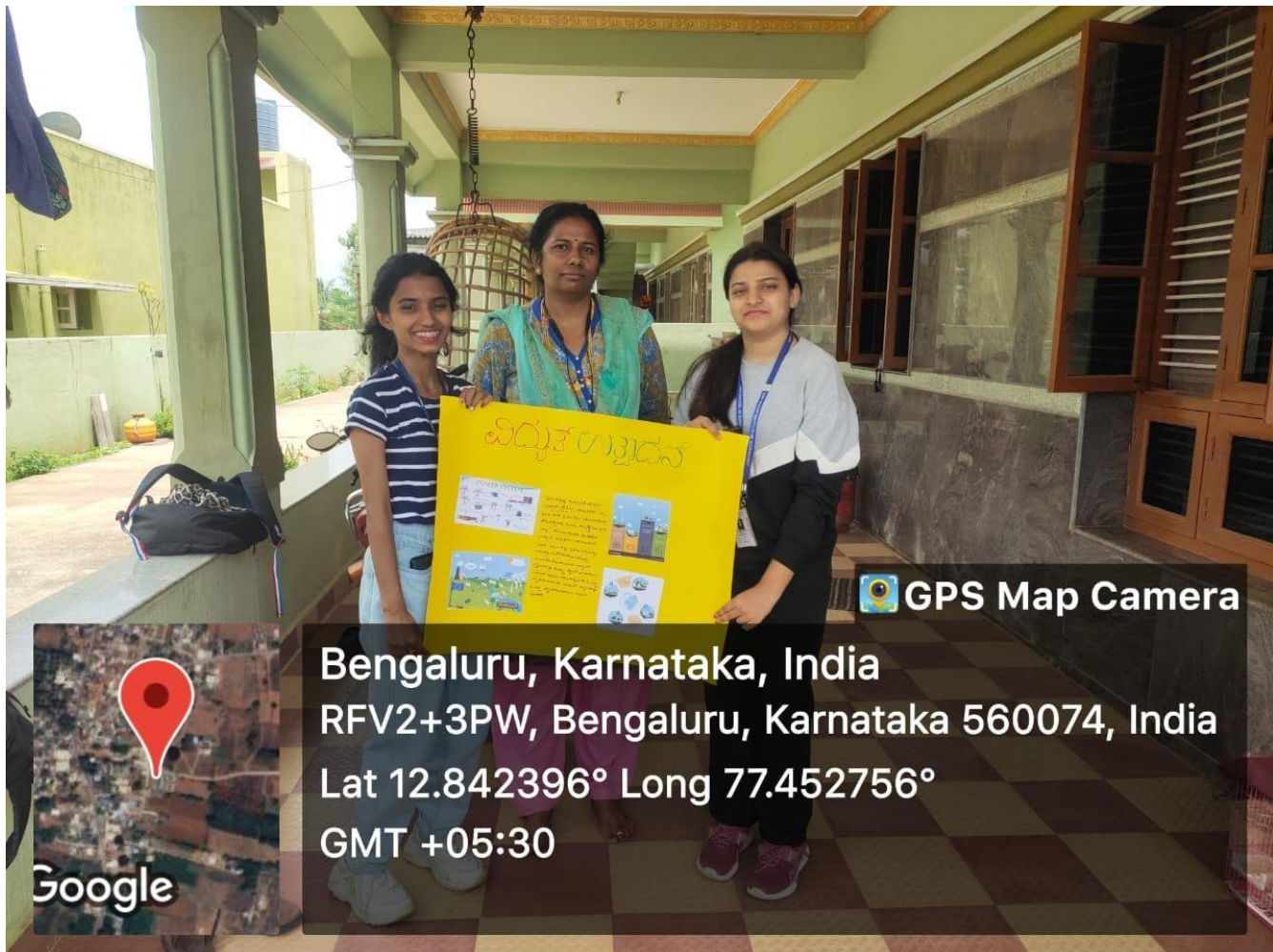


## Day 7

### Interaction about Solar electricity, Gas electricity and other Occupation.

During this session, we interacted with the people of the village about Solar electricity, Gas electricity and occupations practiced within the village. We also explained how the solar panel can be placed in remote areas and how dry land can be used for solar plantation.

We can use Gobar gas for production of electricity which will overcome the lack of electricity, by this solar plantation many youth can get occupation which will overcome unemployment.



## Day 8

### Interaction about Govt. policies to encourage Solar electricity, Gas electricity and other Occupation.

In this session, after the previous discussions, we had a detailed discussion about various government schemes and policies that are introduced to encourage Solar electricity, Gas electricity occupations. The people were excited to learn about the policies and had some queries which were answered by us, and the queries are how can we get funding for the plantation and what are the advantages and disadvantages of this plantations.

Also, how the Govt. help for this plantation in both financially and economically.

Some of the major policies discussed were:

- National Solar Mission (NSM)
- National Biogas and Manure Management Program (NBMMP)





## Day 9

### Interaction about importance of skills and education among Organic farming.

In this session, we explained the people of the village about the importance of organic farming practices prioritize the protection and preservation of the environment. By avoiding the use of synthetic pesticides, fertilizers, and genetically modified organisms, organic farming reduces soil and water pollution, preserves biodiversity, and promotes healthy ecosystems.



## Day 10

### Providing information about Resources available for the Organic farming.

In this session, we provided information to the people of the village about the various resources available for practicing organic and efficient agriculture. We also introduced the people to the apps and websites that help them to reach the Govt. facilities which are given free and upskilling themselves to practice agriculture using modern day techniques and equipment.



GPS Map Camera

Bengaluru, Karnataka, India

RFV2+3PW, Bengaluru, Karnataka 560074, India

Lat 12.842435° Long 77.452783°

GMT +05:30

Google




## Day 11

### Awareness about Govt. policies for Organic farming and education.

In this session, we discussed about the various Govt. policies for organic farming. Some of the schemes and policies that were discussed about include:

- National Program for Organic Production (NPOP)
- Paramparagat Krishi Vikas Yojana (PKVY)
- Mission Organic Value Chain Development for North Eastern Region (MOVCDNER)
- Rashtriya Krishi Vikas Yojana (RKVY)



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GMT +05:30

Google



## Day 12

### Awareness about technical advancements and importance of local library.

In this session, we explained the people of the village about the recent technological advancements in the field of agriculture and other related fields which are present and shared through the local library. We also explained about the importance in establishing of a local library and now the library are digitalized so it more easier to pass the modern techniques. Finally, we thanked everyone for their support and involvement in our activity.



## CONCLUSION

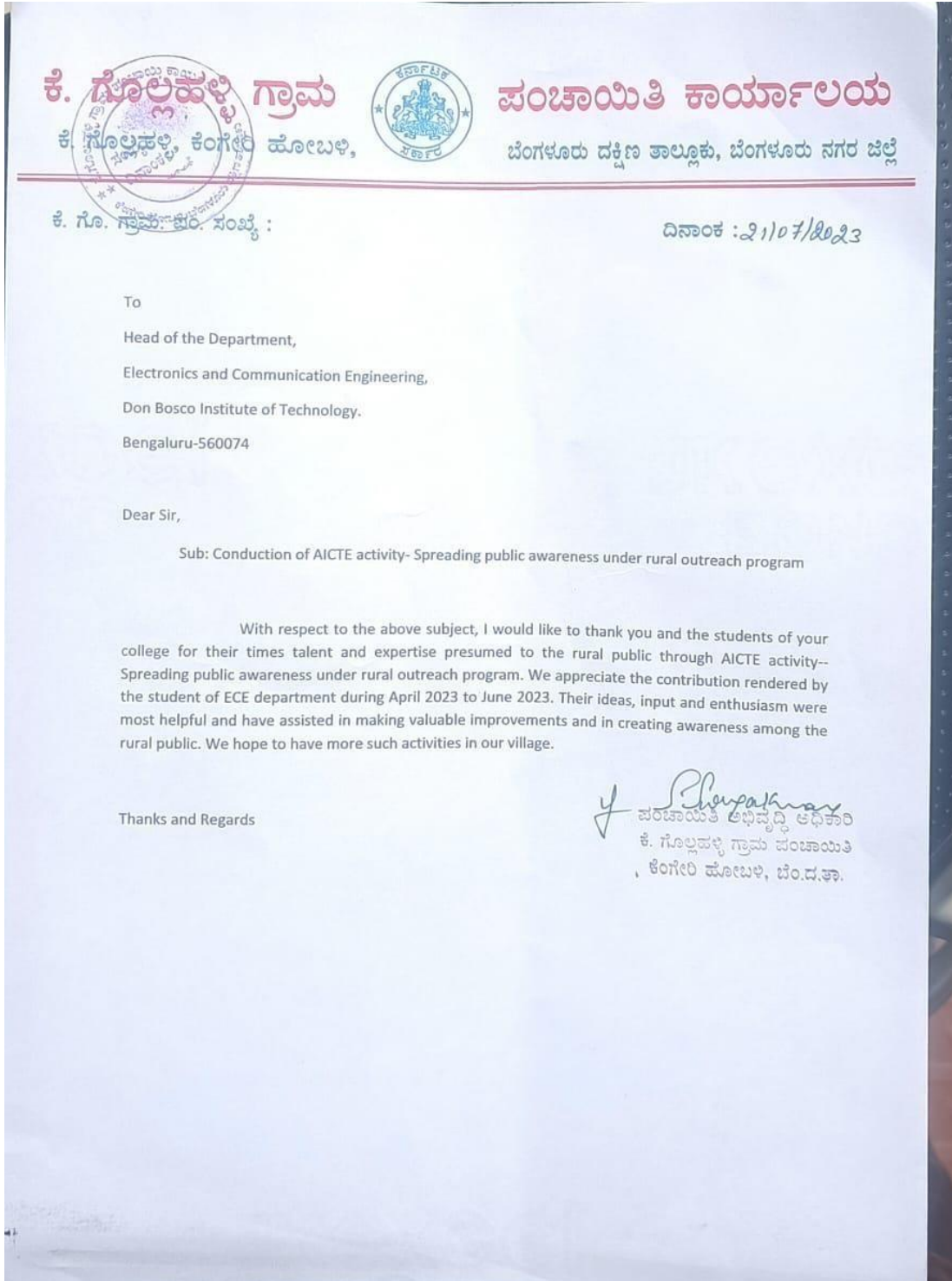
This opportunity has given me a good chance to improve myself in extra social activities such as soft skills, communication skills, leadership qualities, team coordination, personality development, Time management and social commitments. It was indeed an efficient platform to share and gain knowledge and certain skills to ensure growth in all aspects.





## Chapter 7

### Appreciation Letter



## List of Students



**Don Bosco Institute of Technology, Bangalore**  
(NAAC Accredited Institution)  
**Department of Electronics and Communication Engineering**  
(Accredited by NBA & Permanently affiliated to VTU)



Date: 27/04/2023

To,  
K Gollahalli,  
Gramapanchayat.

**Subject:** Request for permission to our students to carry out activities related to *AICTE Activity Points Programme* in your organization.

Dear Sir,

Greetings from Don Bosco Institute of Technology.

Visvesvaraya Technological University (VTU) have given guidelines for students to acquire Activity Points over and above the academic grades, and it is mandatory for engineering students to obtain the Activity Points as prescribed by AICTE.

Kindly permit our Department of Electronics & Communication Engineering students mentioned below to conduct the prescribed AICTE activities.

USN	NAME
1DB20EC001	Abhilash G Kulkarni
1DB20EC002	Abhishek M
1DB20EC003	Akash Ajoy Kumar
1DB20EC004	Akshay C S
1DB20EC005	Akshay M
1DB20EC006	Anushree R
1DB20EC007	Apoorva M
1DB20EC008	Arjun R
1DB20EC009	Azra Fathima
1DB20EC010	Bhandhavya B R
1DB20EC011	Bharath T V
1DB20EC012	Bharath V
1DB20EC013	Bhavani L S
1DB20EC014	Bhumika P
1DB20EC015	Brahmi Maiya R
1DB20EC016	Chaithanya C
1DB20EC017	Chandan S
1DB20EC018	Charan Gowda R
1DB20EC019	Chethana P
1DB20EC020	Chitrika G O
1DB20EC021	Chumban S J



1DB20EC022	Darshan Gowda M
1DB20EC023	Darshana B
1DB20EC024	Deepak B
1DB20EC025	Deepak C Gowda
1DB20EC026	Devesh Kumar
1DB20EC027	Dhananjaya N R
1DB20EC028	Dheeraj R Handral
1DB20EC029	Dilip Kumar S
1DB20EC030	Goutham B
1DB20EC031	Harsha N
1DB20EC032	Harshith Gowda M
1DB20EC033	Harshith Kumar M
1DB20EC036	Jahnvi G Shetty
1DB20EC037	Jaisanju D
1DB20EC038	Jayashree A R
1DB20EC039	Jayashree S
1DB20EC040	Jeevan J
1DB20EC041	Kiranmayi M
1DB20EC042	Kishore N
1DB20EC043	Kokila S
1DB20EC044	Lalithashree K
1DB20EC045	Lasya A N
1DB20EC047	M K Ruchitha
1DB20EC048	Mahesh K
1DB20EC049	Manohar S
1DB20EC050	Manoj Kumar M
1DB21EC401	Meghana M
1DB21EC403	Panchami R
1DB21EC404	Rajneesh
1DB21EC405	Roopa R
1DB21EC406	Shashikala B

*Lakshmi T.R.*  
AICTE Co Ordinator  
Mrs. Lakshmidevi T.R  
Mrs. Rashmi K.T

*P. Jayashree*  
ಪಂಚಾಯಿತಿ ಅಭಿವೃದ್ಧಿ ಅಧಿಕಾರಿ  
ಕೆ. ಗೊಲ್ಲದಳ್ಳಿ ಗ್ರಾಮ ಪಂಚಾಯಿತಿ  
ಕೆಂಗೇರಿ ಹೋಬಳಿ, ಬೆಂ.ದ.ತಾ.

*tsb 27/04/23*

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