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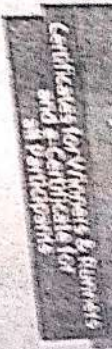
DBIT and INYAS Jointly Organize

NATIONAL LEVEL TECHNICAL SYMPOSIUM

AARARAMBH 2024

Beginning of Technological Innovation

7th and 8th
 May
 2024



Win
 Attractive Cash
 Prizes
 Certificates for Winners & Runners
 up and a Certificate for
 all Participants

EVENTS

Paper Presentation
 PAPER PRESENTATION
 Dr. Bomanraj C M (ISE)
 9634319803



Poster Presentation
 Prof. Basappa D M (ESE)
 9619925554



Project Showcase
 Dr. Hemanth P (AIIDS)
 9954769907



**Programs/Mini
 % Web Site Designing**
 Prof. Ashish Ahmed CSE(AIIBML)
 776010450



Circuit Design
 Dr. Shreehanthappa (EEE)
 9645661956



Mobile E Games
 Prof. Chandra C M (ESE)
 9639943399



CAD & LAITE W/AH
 Prof. Bomanraj C M (ISE)
 9634319803



Construction
 (Bridge Using ICE Cream sticks)
 Prof. Hemanth P (AIIDS)
 9954769907



Business Ideas
 Prof. Rajesh Khanna R (IIBA)
 9670626364



Quiz
 Prof. Santosh (EEE)
 9736-11554



Extremopore
 (Pick & Screenshot)
 Dr. Sushma N Y (SSTP/Computer)



NOTE
 Each participant should bring identity card from their respective institution.
 Accommodation will be provided on request and is based on availability.
 Transportation facility will be provided from nearest Metro Station.
 Food will be provided @College Work.

Patrons
 Sri. B. Manjunath
 Executive Director, DBIT

Urgent Dates
 Last date for Receipt of Entries: 30th April 2024
 Last date for Submission of Solution: 01st May 2024
 Confirmation Date: 03rd May 2024

Organizing Committee
 Prof. Emmanuvelraj M C
 Chief Coordinator, Aararambh 2024

For Registration, Rules & Regulations Visit our Website
www.dbit.edu.in/aararambh2024
 Email: concoordinator@dbit.edu.in Mobile: 9959999929

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 Head, Dept. of ECE

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 Sri. B. Bylappa
 President, VJEEI

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 Executive Director, DBIT

Secretary/VJEEI
 Sri. Raghav Bylappa

Chief Coordinator, Aararambh 2024
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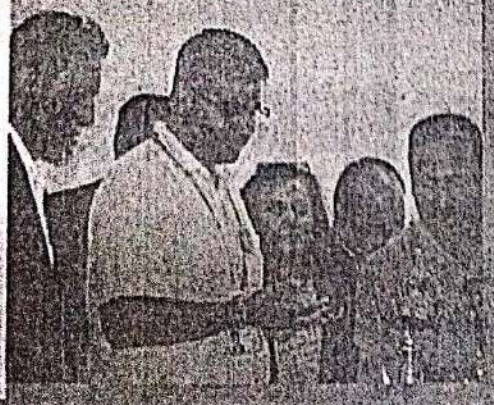
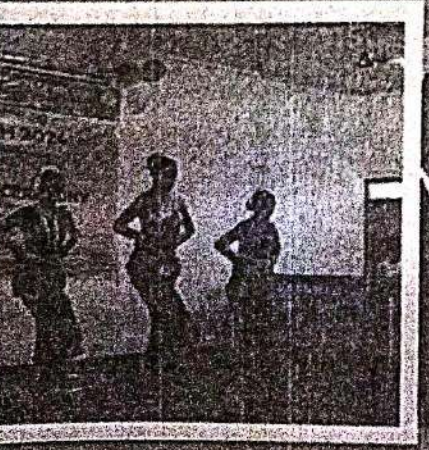
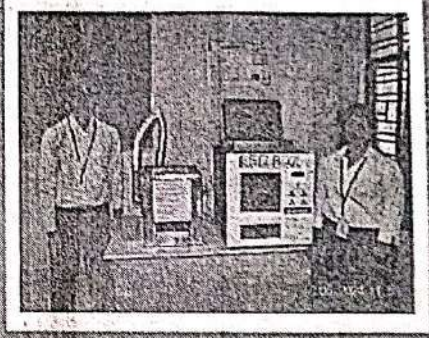
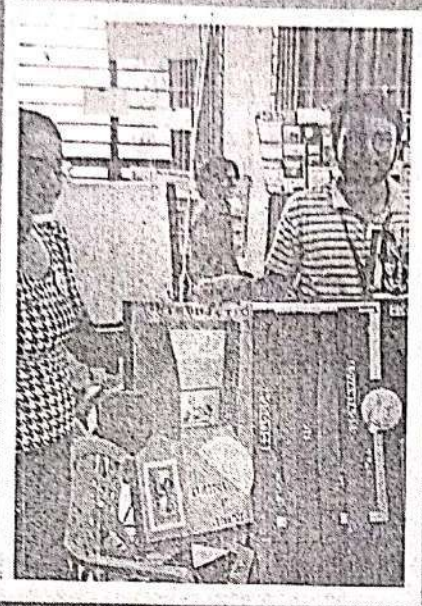
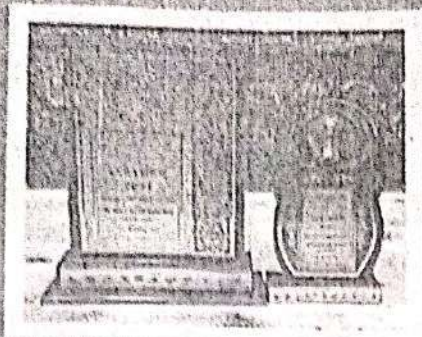
Dr. K. Anuradha Padmanabhan
 HOD, Dept. of ISE

Dr. Anuradha B.
 HOD, Dept. of ISE

OSCO INSTITUTE OF TECHNOLOGY
 DEET and INVAS jointly Organize
ANNUAL LEVEL TECHNICAL SYMPOSIUM
ARAMBH 2024
 BEHOLDING OF TECHNICAL INNOVATION

EVENTS

- 1. TECHNICAL SYMPOSIUM
- 2. TECHNICAL EXHIBITION
- 3. TECHNICAL COMPETITION
- 4. TECHNICAL DEBATE
- 5. TECHNICAL SEMINAR
- 6. TECHNICAL WORKSHOP
- 7. TECHNICAL CONFERENCE
- 8. TECHNICAL MEETING
- 9. TECHNICAL LECTURE
- 10. TECHNICAL PAPER PRESENTATION
- 11. TECHNICAL PAPER AWARDS
- 12. TECHNICAL PAPER COLLECTION
- 13. TECHNICAL PAPER DEBATE
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VISVESVARAYA TECHNOLOGICAL UNIVERSITY

“Jnana Sangama” Belagavi-590 014



A Report on
AICTE Activity Point Programme
(AICTE Internship)

Submitted in partial fulfilment of the requirements for the degree of

BACHELOR OF ENGINEERING

In

ELECTRONICS AND COMMUNICATION ENGINEERING

Submitted by

NIDHISHREE C (1DB20EC057)



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

DON BOSCO INSTITUTE OF TECHNOLOGY

Mysuru Road, Kumbalagodu, Bengaluru-560074

2023 - 2024

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

"Jnana Sangama" Belagavi-590 014



DON BOSCO INSTITUTE OF TECHNOLOGY

Mysuru Road, Kumbalagodu, Bengaluru-560074

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



CERTIFICATE

This is to certify that the "AICTE Activity Point Programme" has been carried out by NIDHISHREE C (1DB20EC057) submitted in the partial fulfilment for the award of Bachelor of Engineering in Electronics and Communication Engineering of the Visvesvaraya Technological University, Belagavi, during the academic year 2023- 2024. It is certified that all corrections/suggestions indicated for Assessment have been incorporated in the report deposited in the departmental library. The activity has been approved as it satisfies the academic requirements in respect of prescribed for the said degree.

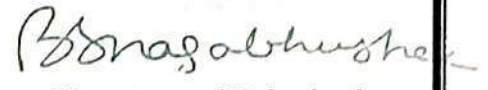

AICTE Activity Co-Ordinators

Mrs. Lakshmidevi T R
Mrs. Rashmi K T
Mrs . Tejaswini M L
Department of ECE, DBIT
DBIT


Signature of HOD

Dr. A N Maheshwarappa
Professor & HOD,
Department of ECE, DBIT
Professor & H.O.D

Dept. of Electronics & Communication Engineering
DON BOSCO INSTITUTE OF TECHNOLOGY
KUMBALAGUDA, BANGALORE - 560074


Signature of Principal

Dr. B S Nagabhushana
Principal, DBIT
PRINCIPAL
Don Bosco Institute of Technology
Kumbalaguda, Mysore Road
Bangalore - 560 074

ACKNOWLEDGEMENT

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 1 to 5.

My Heartfelt gratitude to the 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 1 to 5.

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

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

Finally, I am very 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 activity conduction.

Thanks and Regards
NIDHISHREE C
1DB20EC057

AICTE Activity Point

Sl. NO	Activity Name	Carried out at	Duration	Maximum Points	Awarde d points
1	Helping local schools to achieve good results and enhance their enrolment in Higher/technical/ vocational education	Ramohalli	June to August 2022	20	20
2	Facilitating 100% digitized money transaction	Kannali	October 2022 to Jan 2023	20	20
3	To skill the rural population	K Gollahalli	March to April 2023	20	20
4	Spreading public awareness under rural outreach program	K Gollahalli	April to June 2023	20	20
5	Swachh Bharat Abhiyan	K Gollahalli	September to December 2023	20	20

Total Points awarded:100 Points


AICTE Activity Co-Ordinators

**Mrs. Lakshmidevi T R
Mrs. Rashmi K T
Mrs. Mrs. Tejaswini
Assistant Professor, ECE**


Signature of HOD

**Dr. A N Maheshwarappa
Professor & HOD ECE,
DBIT**

AICTE Activity 1

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Jnana Sangama, Belagavi-590018, Karnataka



A REPORT

On

**Helping local schools to achieve good results and enhance their enrolment in
Higher/Technical /Vocational Education**

Submitted in partial fulfillment of the
requirements for the award of the degree of
Bachelor of Engineering in Electronics & Communication Engineering

By:

**NIDHISHREE C
1DB20EC057**



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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[2021-2022]

DON BOSCO INSTITUTE OF TECHNOLOGY

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Kumbalagodu, Mysore Road, Bangalore 560074

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



CERTIFICATE

Certified that under the AICTE Activity Points Program, the following Phase-1 activity "Helping local schools to achieve good results and enhance their enrolment in Higher/Technical /Vocational Education", have been carried out by NIDHISHREE C [IDB20EC057] in partial fulfillment for the award of Bachelor of Engineering in Electronics and Communication of the Visvesvaraya Technological University, Belagavi during the academic year 2021-2022. It is certified that all the corrections/suggestions indicated have been incorporated in the report deposited in the departmental library. The AICTE Activity Points Program Report has been approved as it satisfies the academic requirements in respect of Activity Points prescribed for the said degree.

Signature of Coordinator

[Prof. Rashmi K T &
Prof. Lakshmidevi T R]

Signature of HOD

[Dr. Maheshwarappa A N]

Professor & H.O.D.

Dept. of Electronics & Communication
DON BOSCO INSTITUTE OF TECHNOLOGY
Kumbalagodu, BANGALORE-560 074

Signature of Principal

[Prof. Umashankar B S]

PRINCIPAL

Don Bosco Institute of Technology
Kumbalagodu, Mysore Road,
Bangalore - 560 074.

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 I.

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

I wish to thank our HOD, **Dr. Maheshwarappa A N**, Professor and HOD, Department of 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. Rashmi K T** and **Prof. Lakshmi Devi T R** for coordinating the entire duration of the activity.

I wish to thank the Headmaster of Sri Gangadhareshwar Rural High School along with the teaching and non-teaching staff members for the support in implementing this project.

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

**NIDHISHREE C
1DB20EC057**

TABLE OF CONTENTS

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2	Pre-planning/Preliminary Survey/Feasibility Study	2
3	Objectives/Work responsibilities	4
4	Implementation, Skills learnt and experiences gained	5
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Chapter 1

Introduction – About AICTE Activity Points Program and Activity Summary Sheet

AICTE Activity Points Program 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
Helping schools to achieve good results and enhance their enrolment in Higher/Technical /Vocational Education	2weeks (80-90Hrs)	20	Accomplished

Chapter 2

Pre-planning /Preliminary Survey/Feasibility Study

The objectives of AICTE student activity is 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 engineer 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 point's, I as a student of second year Electronics and communication engineering along with my group, visited government school to educate children of 6th and 7th standard to achieve good result and enhance their enrolment in higher education and to skill students by performing various activity.



Bengaluru, Karnataka, India
429 7th A main Road, KCHS Layout, Kalyan Housing Society, Bhuvaneshwari
Nagar, Nagdevanahalli, Bengaluru, Karnataka 560066, India
Lat 12.941169°
Long 77.48838°

The entire program was carried out within a matter of 2 weeks from June 2022 to August 2022. Each day, the program was done in two separate sessions starting from morning 09:00 to evening 4:30. The layout of the activity program is given below:-

PROGRAM FLOW

Day	Name of Activity	Schedule
1.	Introduction: Speech and Inaugural Academic: Social Studies Activity: Word game	09:00AM-1:00PM 2:00PM-4:30PM
2.	Academic: Basic English Activity: Hang man	09:00AM-1:00PM 2:00PM-4:30PM
3.	Academic: Science Activity: Number game	09:00AM-1:00PM 2:00PM-4:30PM
4.	Academic: Kannada Grammar Activity: Alphabetical games	09:00AM-1:00PM 2:00PM-4:30PM
5.	Academic: Mathematics Activity: Talent Show case	09:00AM-1:00PM 2:00PM-4:30PM
6.	Academic: Addition and Multiplication Activity: Jumbled words	09:00AM-1:00PM 2:00PM-4:30PM
7.	Academic: Science diagrams Activity: Moral story	09:00AM-1:00PM 2:00PM-4:30PM
8.	Academic: Computer Basics Activity: Crosswords	09:00AM-1:00PM 2:00PM-4:30PM
9.	Academic: English literature Activity: Drawing	09:00AM-1:00PM 2:00PM-4:30PM
10.	Academic: Hindi Activity: Chinese whisper	09:00AM-1:00PM 2:00PM-4:30PM
11.	Academic: Kannada literature Activity: Outdoor games	09:00AM-1:00PM 2:00PM-4:30PM
12.	Academic: Career guidance Activity: Quiz	09:00AM-1:00PM 2:00PM-4:30PM

Chapter 3

Objectives/Work responsibilities

“Helping local schools to achieve good results and enhance their enrolment in Higher/ Technical/ Vocational Education.”

Work responsibility refers to duties that people in certain positions should claim. This can refer to both laborious and social tasks. Recognizing and fulfilling one’s responsibilities at work is generally regarded as an essential part of a strong work ethic.

- To prepare High Schools Students in academics to improve their performance.
- Preparing short notes and formulas list of each topic for better understanding.
- Managing the class during sessions.
- Providing contents to students in an effective way for them to understand the Concepts in better ways.
- Making models or providing real-time examples for better understanding.
- Time-Management, to finish each topic within the given stipulated time.



Chapter 4

Implementation, Skills learnt and experiences gained.

Every day a team member would teach a new topic and make the students understand it better. By providing them with short notes, Formula list, live demonstration using models etc. So that they can understand and grasp each topic easily and remember them for longer period. Solved exercise questions from the prescribed textbook in class so that students can get an idea on how to approach a given problem to find a solution in an effective way.

Skills Learnt: -

- Communication
- Teamwork
- Leadership
- Time Management
- Imaginative Thinking
- Patience
- Teaching

The above-mentioned skills are not only limited to these activities whereas it applies to all areas. Honing they will improve an individual to be prepared for any situation and can overcome it very easily.



WEEK - 1

Day 1: Introduction

Day 1 of AICTE activity started with the inaugural speech of introducing us to the 6th and 7th standard students and getting to know about them. Our main motive was to help them in their academics as well as make it as a fun filled class.

Academic 1: Social studies

So, we took up the social studies subject as their academic syllabus for the day and taught them about the ancient Egyptian civilization and showed them a video about the same.

Activity 1: Word Game

This session was done till noon and after the lunch break, we made them play a wordgame which was very entertaining for the students and for us as well.



Day 2:
Academic: Basic English

In the day 2, the basic knowledge about English language was taught where we made them write the English alphabets and made them pronounce some simple words that was written on the board.

Activity: Hang man

For the activity part, a game called as hang man was made to play by the students which is just a game finding the missing letters in a word. The students loved it thoroughly and their spirit to play must be truly appreciated.



Day 3:
Academic: Science

In the day 3, we began teaching the children with science concepts from their textbook, and also cleared the doubts about certain concepts.

Activity: Number Game

For the activity, we made them play a number game where numbers from 1 to 9 were told by students, the students who recite the wrong number are out of the game.



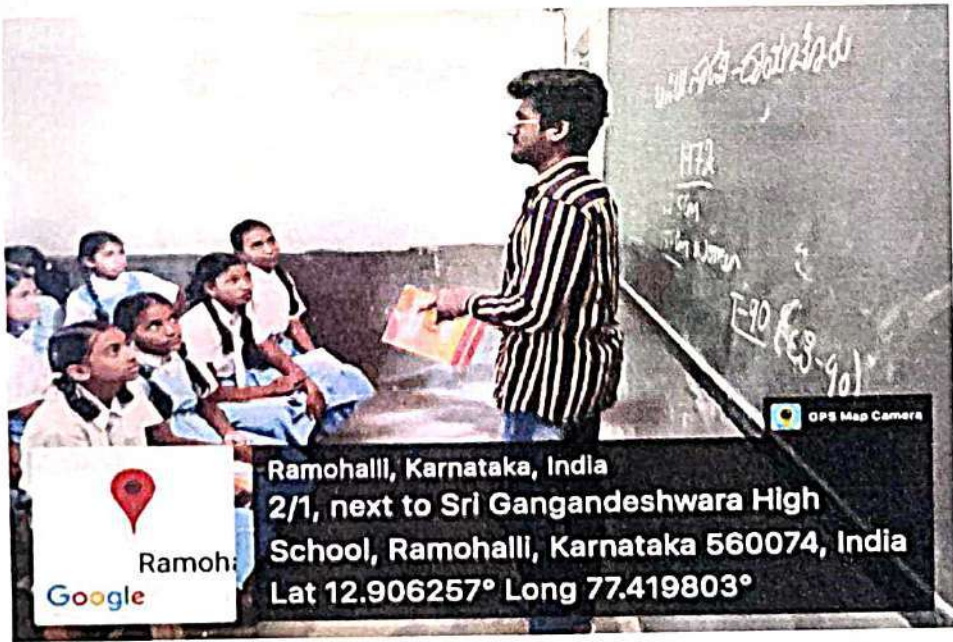
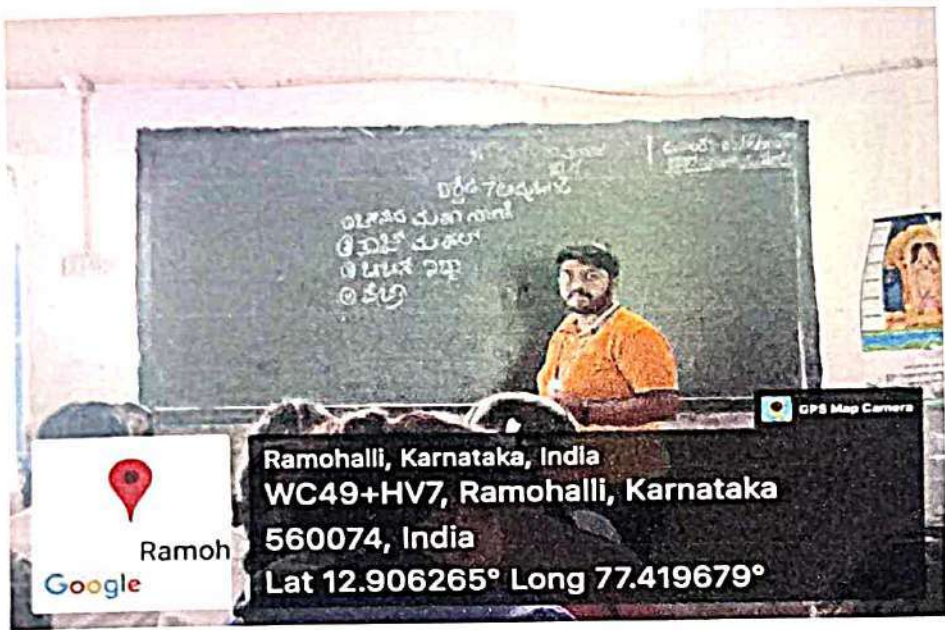
Day 4:

Academic: Kannada Grammar

We taught them basics of Kannada grammar in the form of quiz and other activities. All the students were interested and participated actively in the questionnaires asked regarding the grammar.

Activity: Alphabetical game

The Alphabet Game is played by finding all 26 letters of the alphabet on things that you find in the class, in order, from A to Z. You can spot letters on bag, projector and anything else.



5:
ademic: Mathematics

We taught them what is a Number line, properties of whole numbers like Closure, Commutative, Associative as well Distributive. Then, we taught them to represent Whole numbers on the number line and Whole numbers between two Whole numbers.

ivity: Talent Show

We gave every student to showcase their talents like singing, pick and speech etc. where each student was given a chance to represent themselves.



W13-1

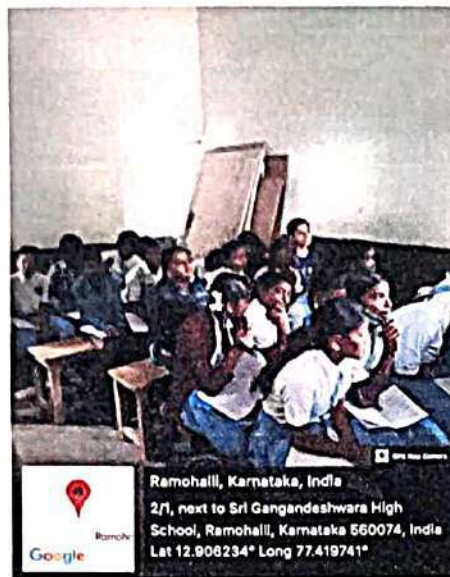
Day 6:

Academic: Addition and multiplication tricks

We taught them the tricks in multiplication and addition where we can find the squareroot of a number easily and many more things.

Activity: Jumbled Words

In this activity, a set of words, each of which is "jumbled" by scrambling its letters. A solver reconstructs the words, and then arranges letters at marked positions in the words to spell the answer phrase to the clue.



WEEK - 2

Day 7: **Academic: Science diagrams**

Academic: Science diagrams

Students were made to draw the diagrams that are there for their syllabus and taught them how to remember the naming of the same.

Activity: Moral story

We picked a few moral stories from fable like Panchatantra and explained the story completely and taught them the effectiveness the story has and the impact that could make on one's life.

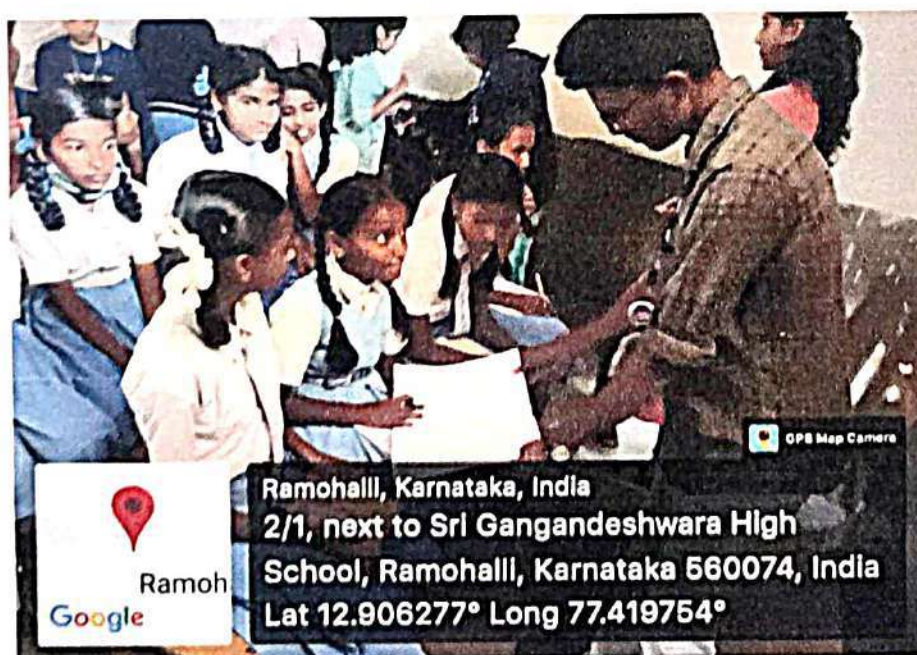
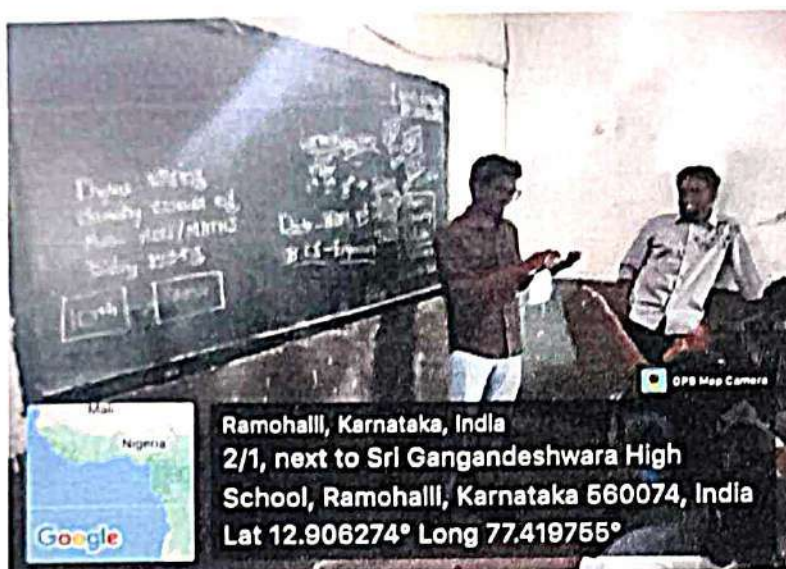


Day 8:
Academic: Computer Basics

Students were shown the working of basics of computer such as MS paint, word, notepad and how to save a document and other shortcut keys.

Activity: Crosswords

A crossword is a word puzzle that usually takes the form of a square or a rectangular grid of white and black-shaded squares. The goal is to fill the white squares with letters, forming words or phrases, by solving clues, which lead to the answers.



ay 9:
ademic: English Literature

A lesson from their English literature was picked and taught to them. Meaning of every word was made to site for their better understanding capability.

ctivity: Drawing

Students were made to draw the geometrical shapes like circle, triangle, square etc. and asked to make a concept mapping about the lesson of their choice.



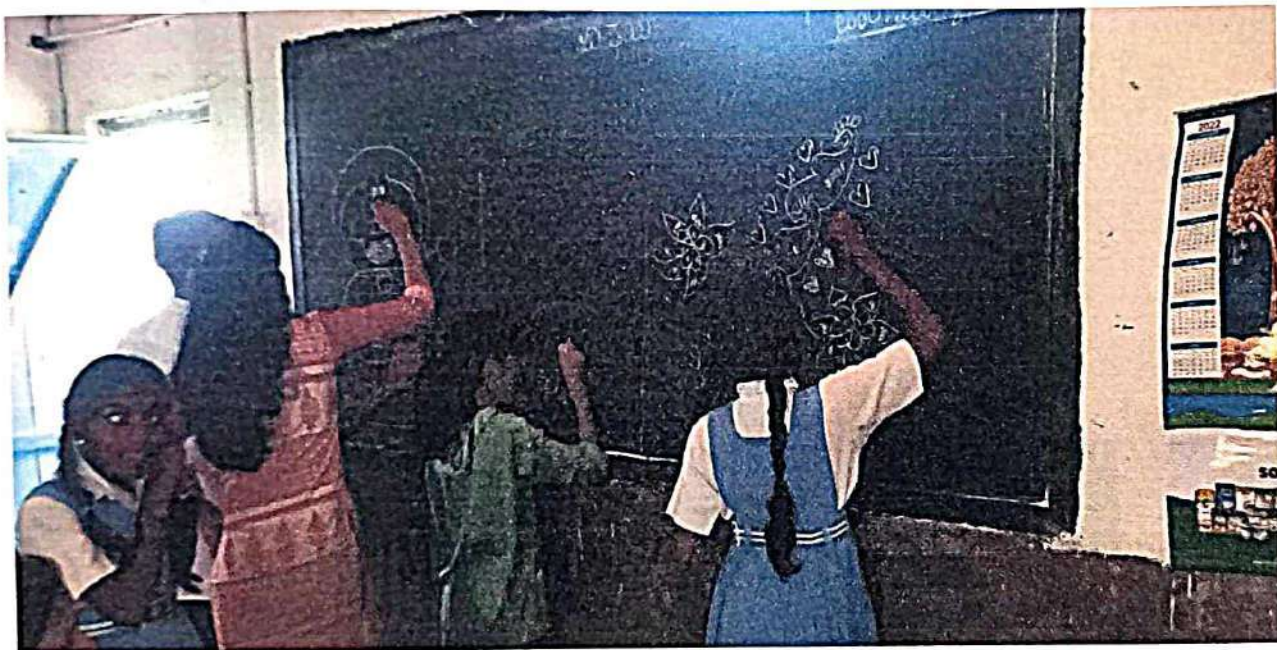
10:

Medium: Hindi

We picked a chapter from their syllabus and explained the meaning of the entire chapter and also exercises regarding the same.

Activity: Chinese whisper

Students were made to play the game of Chinese whispers where the first student is given a sentence related to their subjects and he is made to pass on the sentence to other students in the group through whispering. The game teaches people to truly focus on listening carefully so that the message is not incorrectly heard.



Day 11:

Academic: Kannada literature

Kannada lessons from their syllabus was taken to teach and made them to understand completely and any doubts from them was cleared.

Activity: Outdoor Games

Students were not just restricted to the classroom they also played the outdoor games, along with them we also played and enjoyed.



Day 12:
Academics: Career guidance

The students were unaware of what to do after their 10th boards. We gave them few insights about what can be done such as opting PCME OR PCMB or choosing a different field like Arts or Commerce as per their interests.

Activity: Quiz

Students were segregated into 3 groups and made to play quiz. A quiz is a form of game or mind sport in which students attempt to answer questions correctly about a certain or variety of subjects.



Ramohalli, Karnataka, India
WC49+HV7, Ramohalli, Karnataka
560074, India
Lat 12.906273° Long 77.419691°

Ramohalli, Karnataka, India
2/1, next to Sri Gangadeshwara High
School, Ramohalli, Karnataka 560074, India
Lat 12.906274° Long 77.419755°



Bengaluru, Karnataka, India
WC4C+GG6, Dodda Aladmara Road,
Bengaluru, Karnataka 560074, India
Lat 12.906026° Long 77.42089°

CONCLUSION

A sincere thanks to Viveveeraya Technological University, Belagavi, Department of Electronics and Communication Engineering, Don Bosco Institute of Technology for the opportunity, encouragement and support.

As per AICTE program, we reported our activities for 2 weeks, where we conducted academic as well as activities for 6th and 7th standard students studying in government school. Students got valuable information and we had a good communication with them, which helped them to share their views and thoughts. Students were enthusiastic and showed their interest in learning new things. Apart from this we took initiative in bringing awareness among students regarding "Career Guidance", "technical awareness" and taught moral values in order to be a good human being and a citizen of our nation". It was a wonderful learning experience for us as well for working for this project. This activity took us through various phases of enhancing new skills in teaching us innovate new ideas. 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.





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



Ref.No:- DBIT/ECE/BEO/2021-22/

Date: 20/05/2022

To,
Head master,
Sri Gangadhareshwara Rural High School,
Ramohalli,
Bangalore - 560074

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

Dear Sir,

Greetings from Don Bosco Institute of Technology.

We are pleased and proud to introduce **Don Bosco Institute of Technology (DBIT)** located on a sprawling campus in Kumbalagodu - the sylvan south west suburb of the city of Bangalore, on the Bangalore - Mysore National Highway.

Our founder President is **Sri. B. Bylappa**. Being an industrialist, his social quotient remained in the area of education which inspired him to establish **Waynamac Education Trust** in the year 1999. He has a wide philanthropic and charitable outlook from his early stage of entrepreneurship which remains today in a physical form of temples, function halls, and basic school education facilities to the needy.

DBIT today offers 7 UG, and 1 PG program (MBA). 5 UG programs are accredited by National Board of Accreditation (NBA) and our institution is accredited by NAAC. Currently more than 3000 students are pursuing their higher education in our campus. Apart from technical knowledge and skills our students are required to develop excellent soft skills, leadership qualities and team spirit. They should have entrepreneurial capabilities and societal commitment. All India Council for Technical Education (AICTE) and 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 (200 Nos.) to interact with school students of KSGMPS and GHS, Ullalu upanagara and conduct the prescribed AICTE activities in the above mentioned school. We assure that these activities are only to create awareness and educate students in effective use of technological solutions in various domains for better society.

Thanking you,

Yours truly,

15/5/22
HOD,ECE
DBIT

[Handwritten signature and stamp]

SRI GANGADHARESHWAR RURAL HIGH SCHOOL

Ramohalli Bengaluru - 560074

No : 12/2022-23

Date:- 05/09/2022

LETTER OF APPRECIATION

To,
Head of the Department,
Electronics & Communication Engineering,
Don Bosco Institute Of Technology,
Bangalore- 560074.

Dear Sir,

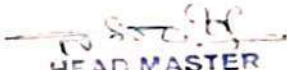
Subject: Conduction of AICTE activity program-based learning- reg

With respect to the above subject, I Thank you for the time, talent and expertise presented by your student team to our Sri Gangadhareshwara Rural High School children at Ramohalli, Bangalore through "AICTE activity program-based learning". Students from ECE department, Don Bosco Institute of Technology rendered their contribution during June 2022 to August 2022, a total of 80 plus hours and enriched our students through academic programme and value added activities using innovative concepts. Your ideas, input and enthusiasm were most helpful and have assisted in making valuable improvements to our students. We hope to have more such activity programme to our students.

Thanks and Regards

(Head of the Institution)




HEAD MASTER
Sri Gangadhareshwara Rural High School
Ramohalli, Bengaluru - 560074.

List Of Students:

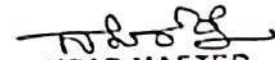


Don Bosco Institute of Technology, Bangalore
(NAAC Accredited Institution)
Department of Electronics and Communication Engineering
(Accredited by NBA & Permanently affiliated to VTU)



Group 4B-1

Sl.No	USN	NAME
1	1DB20EC034	Hemanth R
2	1DB20EC046	Likith Kumar S
3	1DB20EC051	Manoj P
4	1DB20EC052	Mohan R
5	1DB20EC053	Nalisha Kaushal
6	1DB20EC054	Nandan K R
7	1DB20EC055	Nayana A R
8	1DB20EC056	Nayana G
9	1DB20EC057	Nidhishree C
10	1DB20EC058	Nikhilesh N
11	1DB20EC060	Nithya Shree G
12	1DB20EC061	P L Shreevathsa


HEAD MASTER

Sri Gangadhreshwara Rural High School
Ranihalli, Bengaluru - 560 074.

UNIVERSITY OF TECHNOLOGY

Department of Electrical and Electronic Engineering



UNIVERSITY OF TECHNOLOGY

1997

UNIVERSITY OF TECHNOLOGY PROGRAMME

Facilitating High Quality, Efficient, Organisations

Department of Electrical and Electronic Engineering

UNIVERSITY OF TECHNOLOGY

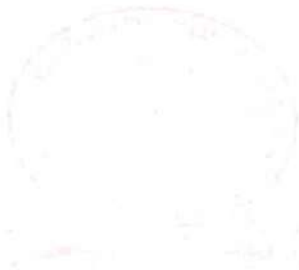
AICTE Activity 2

Electronics Engineering - Facilitating

Supported by

UNIVERSITY OF TECHNOLOGY

UNIVERSITY OF TECHNOLOGY



DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING

UNIVERSITY OF TECHNOLOGY

UNIVERSITY OF TECHNOLOGY

UNIVERSITY OF TECHNOLOGY

UNIVERSITY OF TECHNOLOGY

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Jnana Sangama, Belagavi-590018, Karnataka



A REPORT

On

AICTE ACTIVITY POINTS PROGRAMME

Facilitating 100% Digitized money transactions

Submitted in partial fulfillment of the requirements

For the award of the degree of

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

Submitted by

NAME: NIDHISHREE C

USN: 1DB20EC057



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-2 activity "Facilitating 100% Digitized money transactions" has been carried out by NIDHISHREE C (1DB20EC057) in partial fulfillment 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: October 2022-January 2023

Marks Awarded: $\frac{20}{20}$

Signature of Coordinator

Prof. Lakshmi Devi T.R

Prof. Rashmi K T

Assistant professors,

Department of E&C,

DBIT

Signature of HOD

Dr. Manjunath Anand



Signature of Principal

Prof. B S Nagabhushan

Principal,

DBIT

PRINCIPAL

Don Bosco Institute of Technology
Kumbalagodu, Mysore Road,
Bangalore 560074

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 **Wayanmac Education Trust, Don Bosco Educational Institutions**, for providing an opportunity and facilitating for the entire duration of the AICTE Activity Point Phase 2.

My heartfelt gratitude to Honorable Principal, **Prof. B S Nagabhushan**, Don Bosco Institute of Technology, for facilitating and extending untiring support in the successful completion of the AICTE Activity Point Phase 2.

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. Rashmi K T** for coordinating the entire duration of the activity.

I wish to thank the members of **Kannali Grama Panchayat** along with the residents of 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

**NIDHISHREE C
1DB20EC057**

TABLE OF CONTENTS

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2	Preplanning /Preliminary survey/ Feasibility study	03
3	Introduction to digital India	05
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Chapter 1**Introduction – About AICTE Activity Points Programme and Activity Summary**

AICTE Activity Points Program 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.

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
Facilitating 100% digitized money transactions	October 2022 to January 2023	20	Accomplished



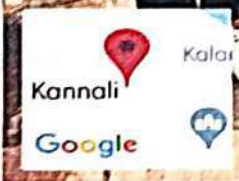
GPS Map Camera



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571404, India
Lat 12.52916° Long 76.995288°



GPS Map Camera



Kannali, Karnataka, India
GXHW+F8P, Kannali, Karnataka
571404, India
Lat 12.52859° Long 76.995698°

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 third year Electronics and communication engineering along with my group, visited Kannali village to educate the residents about Digital Payments and to facilitate the use of digital payment applications and required formalities to set up digital payments interface at various shops by performing various activity.



The entire program was carried out on Sundays over the period of October 2022-January 2023. Each day, the program was done by interacting with the residents and creating awareness about digital transactions and payment methods and setting up digital payment interfaces at shops. The layout of the activity program is given below:

PROGRAM FLOW

Day	Name of Activity	Schedule
1.	Introduction to Digital Banking and Payment methods	09:00AM-1:30PM 2:00PM-4:30PM
2.	Safety measures and precautions to be followed while using Digital Banking and Payments	09:00AM-1:30PM 2:00PM-4:30PM
3.	Awareness about requirements and rules for opening a new bank account	09:00AM-1:30PM 2:00PM-4:30PM
4.	Facilitating creation of new savings bank account digitally	09:00AM-1:30PM 2:00PM-4:30PM
5.	Linking of all required documents using online methods to the savings bank account	09:00AM-1:30PM 2:00PM-4:30PM
6.	Awareness about using Rupay/Debit and other payment cards for Digital Transactions	09:00AM-1:30PM 2:00PM-4:30PM
7.	Providing technical support to apply for new Rupay/Debit cards	09:00AM-1:30PM 2:00PM-4:30PM
8.	Awareness about using UPI for Digital payments	09:00AM-1:30PM 2:00PM-4:30PM
9.	Facilitating for installing UPI for Digital Payments	09:00AM-1:30PM 2:00PM-4:30PM
10.	Providing technical support for KYC and other requirements of UPI applications	09:00AM-1:30PM 2:00PM-4:30PM
11.	Setting up QR Codes for accepting payments at different stores.	09:00AM-1:30PM 2:00PM-4:30PM
12.	Awareness about UPI account safety and critical information sharing practices	09:00AM-1:30PM 2:00PM-4:30PM

Chapter 3

INTRODUCTION TO DIGITAL INDIA

The world today is not in any way like the kind of world it was six to eight decades ago. Earlier, nobody knew to do with a cell phone, a laptop, or an internet connection. Today, on the contrary, from every kid to every elderly person, everyone knows that they can survive any situation if they have a good cell phone and a stable internet connection. The process of digitization has been on the go for many years now, focusing on building a completely digital future world.

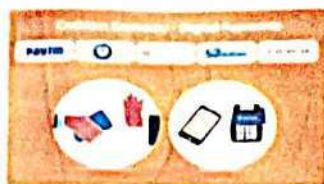
The Advent of Digitization

The beginning of digitization can be said to date back to the time when computers first came into existence. It has been evolving since then, and it has now transformed almost everything human beings are associated with, including the way we communicate, shop, work, bank, play, relax and keep ourselves entertained. The era of digital transformation started moving forward with the introduction of magnetic disks and random-access data by IBM. It was used in the United Airlines' reservation system for the first time in 1958. This was followed by back-to-back advancements.

AICTE ACTIVITY PROGRAMME FACILITATING 100% DIGITIZED MONEY TRANSACTIONS

BENEFITS:

1. Speed of transactions
2. Security
3. Record keeping
4. Convenience for customers
5. Accuracy



METHODS:

1. Banking Cards
2. Unstructured Supplementary Service Data
3. Aadhaar Enabled Payment System
4. Unified Payments Interface
5. Mobile Wallets
6. Bank Prepaid Cards
7. PoS Terminals
8. Internet Banking
9. Mobile Banking
10. Micro ATMs

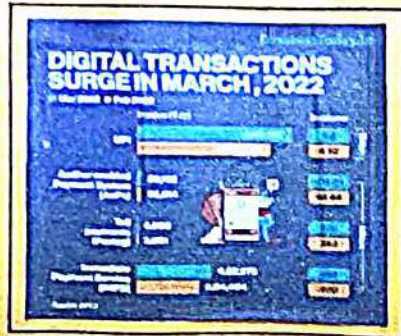


AICTE ACTIVITY PROGRAMME

FACILITATING 100% DIGITIZED MONEY

TRANSACTIONS

ಡಿಜಿಟಲೈಸ್ಡ್ ಹಣದ ವಹಿವಾಟುಗಳನ್ನು 100%
ಸುಗಮಗೊಳಿಸುವುದು



Going Digital

Scientists and researchers have been working hard to provide consumers with advanced and improved digital technology every now and then. As discussed earlier, the digital revolution commenced in the latter half of the twentieth century and has been evolving and always becoming better. With major goals like financial inclusion, access to trade and commerce and enhancing connectivity, the digital revolution has always taken a step forward with every invention as it provided the world with nothing but the best every single time. The whole world has now become completely dependent on digital technology to the extent that every industry, irrespective of the kind of service they provide, has shifted to using digital systems to work with. It is evident that digital technology is not a choice anymore but an integral and fundamental part of every organization. There is a growing and inevitable need for digitalization across different fields.

When you go in for an interview, there is one main prerequisite that is expected of you – are you tech-savvy?

Digital India

Being a developing country amidst the various other developed countries of the world, India has been striving to keep up with the fast-paced growth of the world around it. Digital India is an initiative taken by the Government of India with a vision to make India a country that is digitally empowered with improved online infrastructure. It was established by Prime Minister Narendra Modi on the 1st of July 2015, with the aim of providing speed internet network access to rural areas and improving their digital literacy. Its main objectives are to work on digital empowerment, governance and services and accessibility of digital infrastructure for each and every citizen.

Managed by a Monitoring Committee headed by the Prime Minister of India, a Digital India Advisory Group under the leadership of the Minister of Communications and IT, and an Apex Committee led by Cabinet Secretary, the Digital India campaign has completed six years of innovative ideas and practical solutions that have been transforming the nation as a whole. It has been working to provide opportunities for all citizens to be able to avail digital services, governance, knowledge and information.

There have been a lot of advancements as part of the Digital India Programme that has changed the country to a great extent. Some major milestones of Digital India are:

- Aadhaar Cards – a biometric based digital identification system
- Smart Cities Mission – urban renewal and development of cities.
- Government e-Marketplace (GeM) – a one-stop e-market for procurement of common use goods and services.
- BharatNet – an initiative to provide broadband connections to each and every village panchayat in the country.
- Bharat Interface for Money (BHIM) App – an app that lets everyone make simple and quick transactions with the aid of Unified Payments Interface (UPI).
- Study Webs of Active Learning for Young Aspiring Minds (SWAYAM) – an application that delivers access to the best teaching and learning resources to all teachers and students, irrespective of their social and economic status.

myGov – an online platform set up with the view to build a partnership between the citizens and the Government of India.

The Digital India campaign has been receiving worldwide acclaim and support. To quote a few, Mark Zuckerberg's promise to work on Wi-Fi hotspots in all the rural areas of India, Google's commitment to provide broadband connections in five hundred railway stations and Microsoft's agreement to provide internet connectivity to five hundred thousand villages of India are some of the much appreciable backings we have received to make the dream of digitization of India come true.



DIGITAL PAYMENT METHODS



Digital PAYMENT अभियान

DSCI | Google

Everyday payments made simple. Go Digital!

Explore how to pay Safe & Easy and make digital payments a habit.



#DigitalPaymentHarBar
#SuratAurSurakshit

To know more
dsci.in/digital-payment-abhiyan



CAMPAIGN PARTNERS



Chapter 4

MEANING OF 100% DIGITIZED TRANSACTIONS

Digital payments are transactions that take place via digital or online modes, with no physical exchange of money involved. This means that both parties, the payer and the payee, use electronic mediums to exchange money.

Government of India has been undertaking several measures to promote and encourage digital payments in the country. As part of the 'Digital India' campaign, the government has an aim to create a 'digitally empowered' economy that is 'Faceless, Paperless, Cashless'. There are various types and methods of digital payments.

Please note that digital payments can take place on the internet as well as on physical premises. For example, if you buy something from Amazon and pay for it via UPI, it qualifies as a digital payment. Similarly, if you purchase something from your local store and choose to pay via UPI instead of handing over cash, that also is a digital payment.

There are various methods of digital payment available in India. Some of them are:

- Banking Cards
- Unstructured Supplementary Service Data (USSD)
- Aadhaar Enabled Payment System (AEPS)
- Unified Payments Interface (UPI)
- Mobile Wallets
- Bank Prepaid Cards
- PoS Terminals
- Internet Banking
- Mobile Banking
- Micro ATMs



Chapter 5

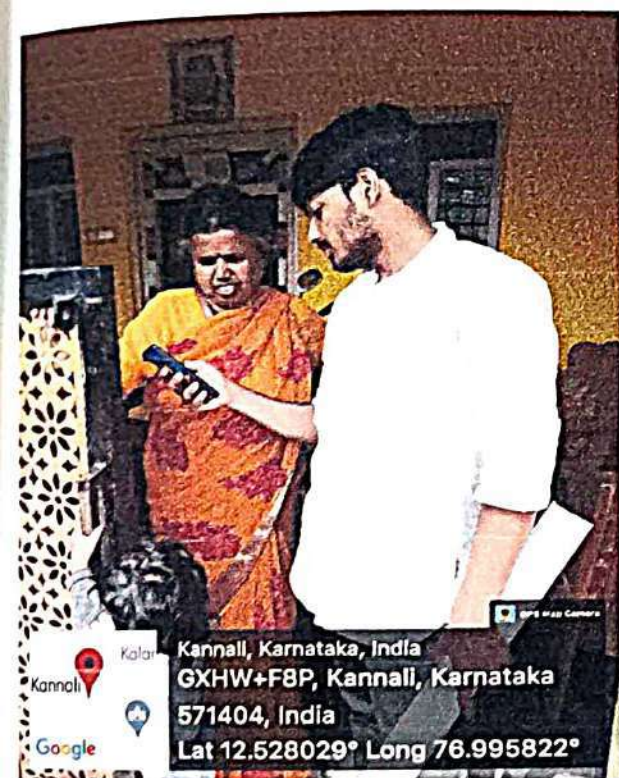
Activity Breakup

Day 1:

Introduction to Digital Banking and Payment methods

As we reached the village on the first day, we were greeted by the curious and excited faces of village residents. We introduced ourselves and explained the purpose of our visit to the village and about 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.

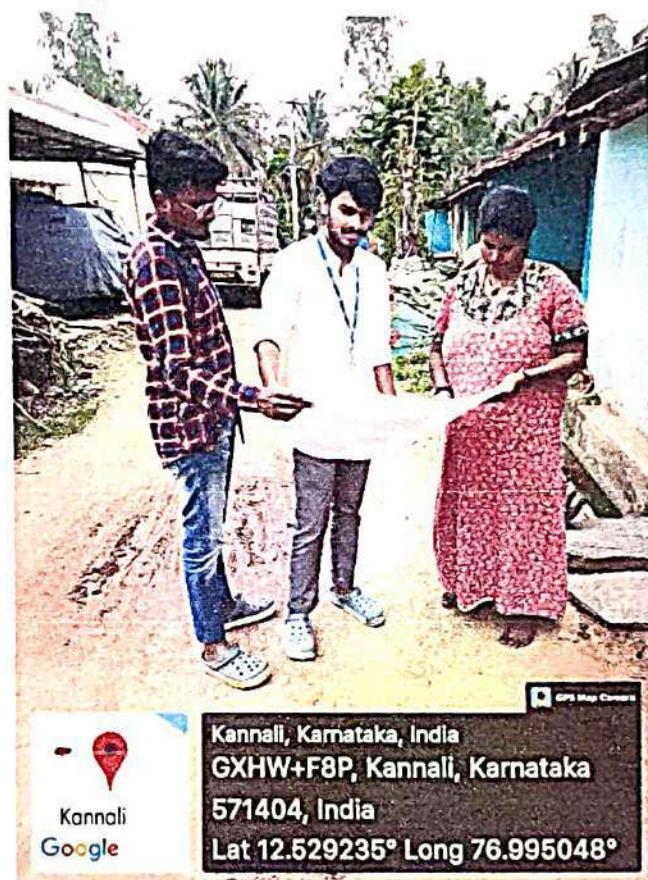
We introduced the people to the basics of Digital Banking and explained about the various payment methods and other digital payment practices.



y 2:

Safety measures and precautions to be followed while using Digital Banking and Payments

During this session, we explained the safety measures and precautions to be followed while using digital banking and payments. We had prepared various charts and posters that helped us in explaining the safety protocols and practices to be followed while using digital payment systems. We explained about the critical importance of maintaining privacy and safety while sending/accepting digital payments.



Day 3:
Awareness about requirements and rules for opening a new bank account

In this session, the people were given information about the different types of bank accounts that can be opened and the documents that are necessary for opening a bank account. We also explained about the interest and minimum balance policy of different bank accounts and their advantages and disadvantages.



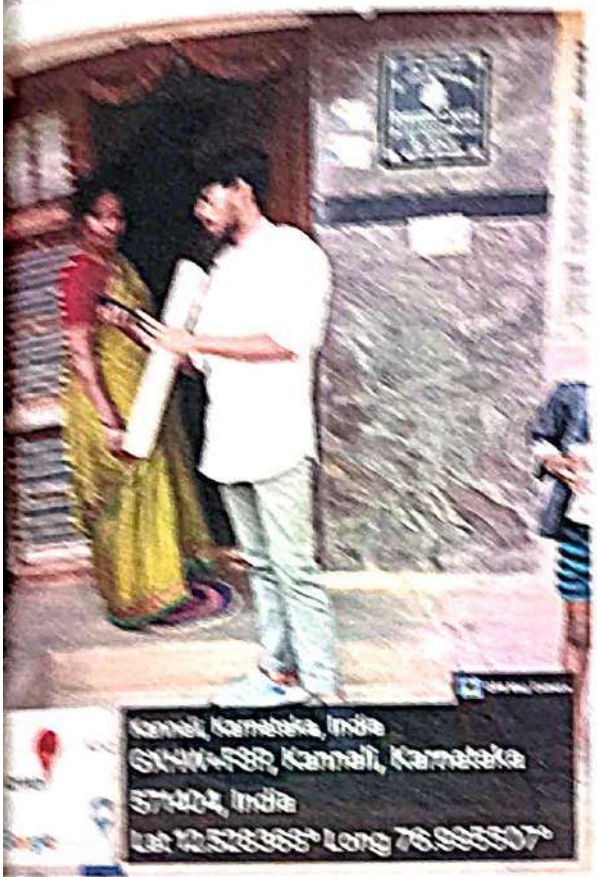
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571404, India
Lat 12.528872° Long 76.995218°

Opening of new savings bank account digitally

With the advent of digital banking, we helped the residents of village in creating a new bank account and explained the benefits of opening a bank account digitally without having to travel physically to the bank to open an account. We also provided a technical help desk to help people in ensuring that no errors were committed while opening new accounts.



Step 5: Linking of all required documents using online methods to the savings bank account

In this session, after the new bank accounts were activated, we guided people through the important documents that were to be linked with the bank account to ensure their account identity was identified and no one would be able to access their accounts. We also helped them in linking the pan cards with Aadhar cards which is essential in today's digital banking procedure.



Day 6:
Awareness about using Rupay/Debit and other payment cards for Digital Transactions

Once the savings bank accounts were setup and secured, in this session we began to create awareness about the advantages of using digital payment methods over cash payments and the most basic form of digital payments, i.e. Rupay/Debit cards which are helpful in both payments of different bills and for other banking operations.



Day 7: Providing technical support to apply for new Rupay/Debit cards

Once the people were aware about the new digital payment methods and their advantages, they had many queries regarding the process of obtaining new Rupay/Debit cards. In order to help them in this process, we set up a facility to apply for new cards online using the digital banking applications and websites without having to visit the bank office.



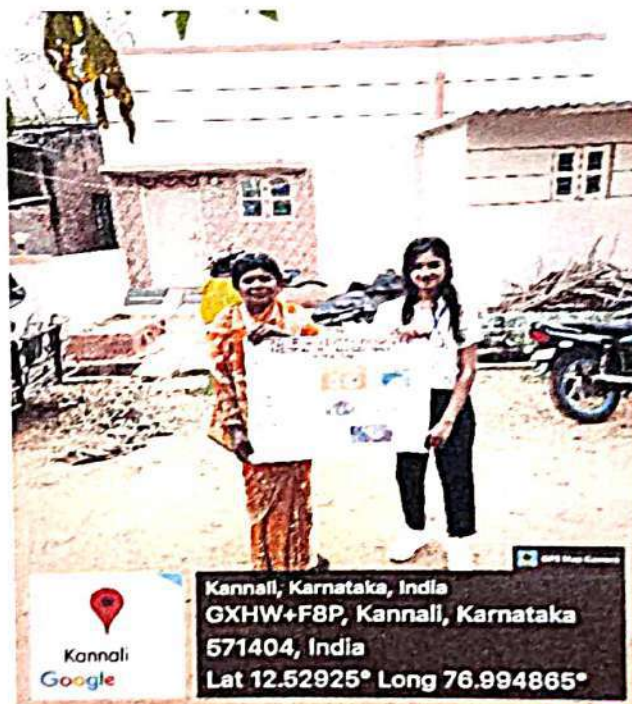
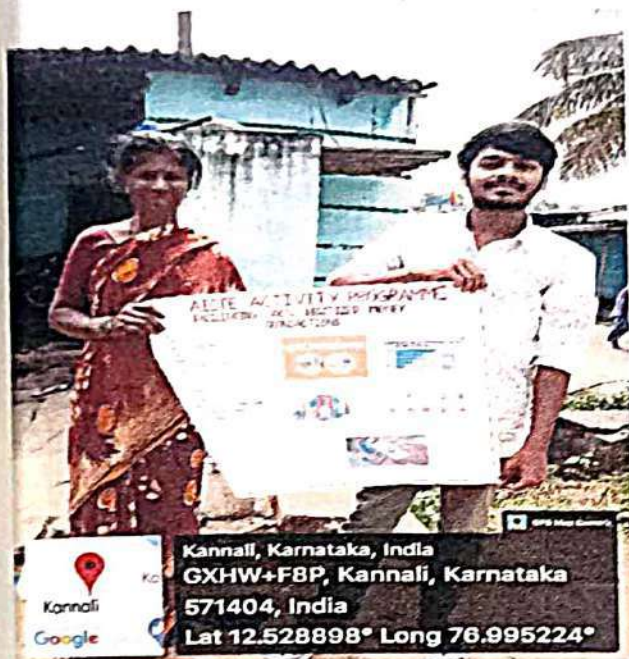
Day 8:
Awareness about using UPI for Digital payments

In this session, we provided people with alternate modes of digital payments such as UPI applications which can be user-friendly and safe for daily use. The people were excited to learn about this system and had some queries which were answered to convince them to opt for UPI payments over cash-based payments. We explained about the wide choice of UPI applications available and their features which could make their day-to-day business transactions hassle free and safe.



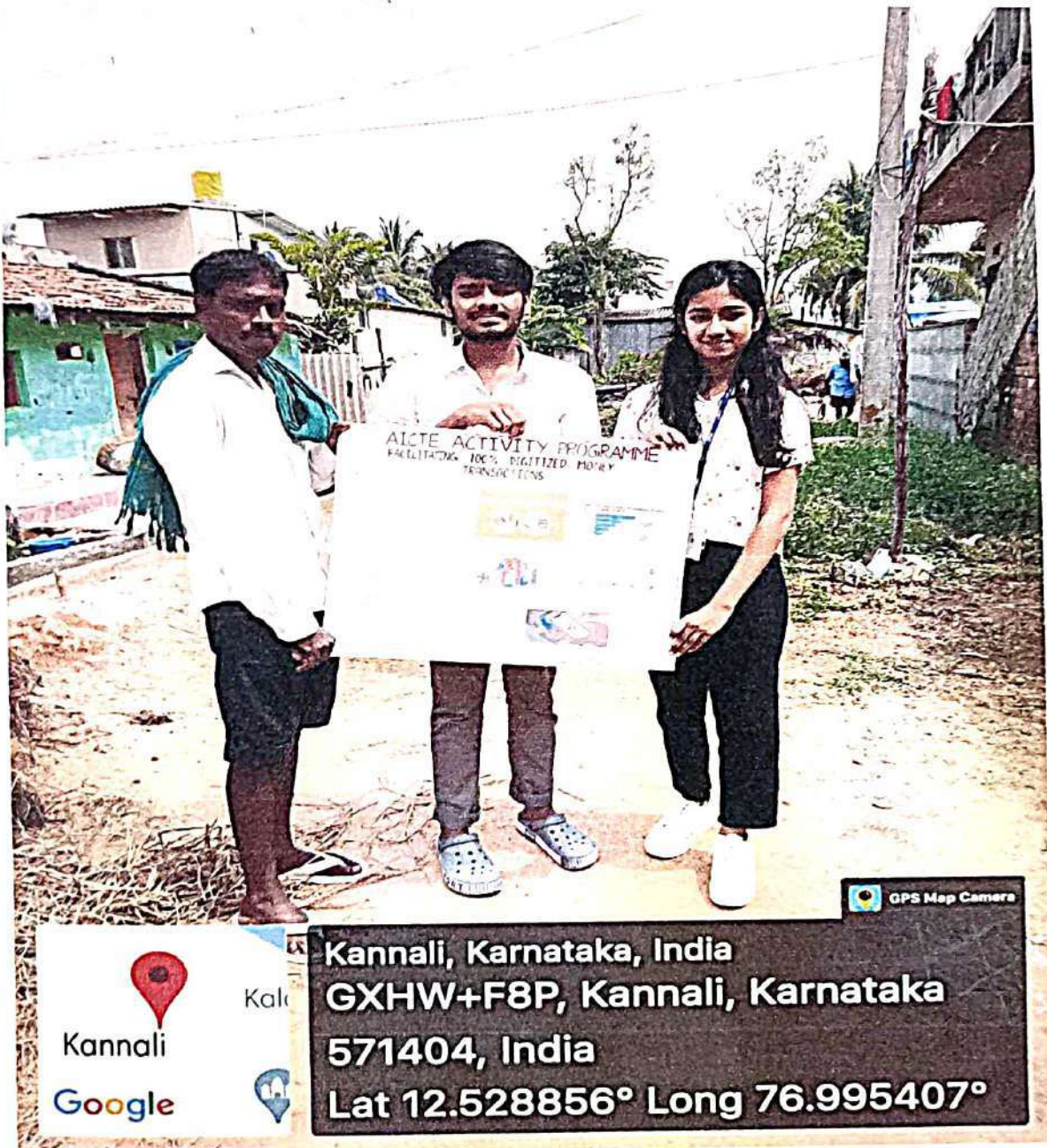
Activity 9:
Facilitating for installing UPI for Digital Payments.

In this session, we helped the residents and local shop owners to choose from a variety of UPI applications and setup the same in their personal devices. The people were excited to see such variety and explored various options, their features and charges and decided to install the UPI applications of their choice.



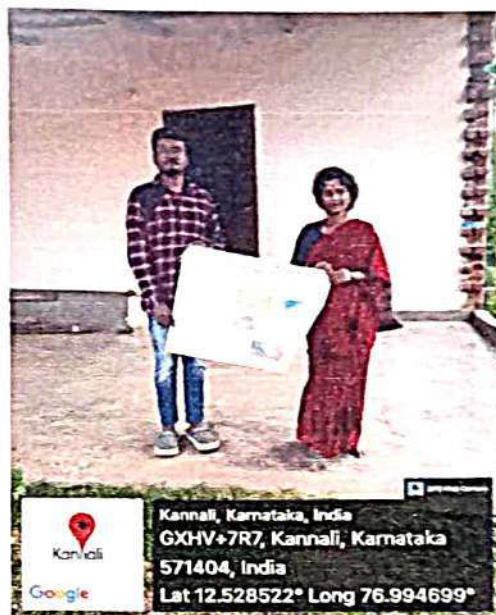
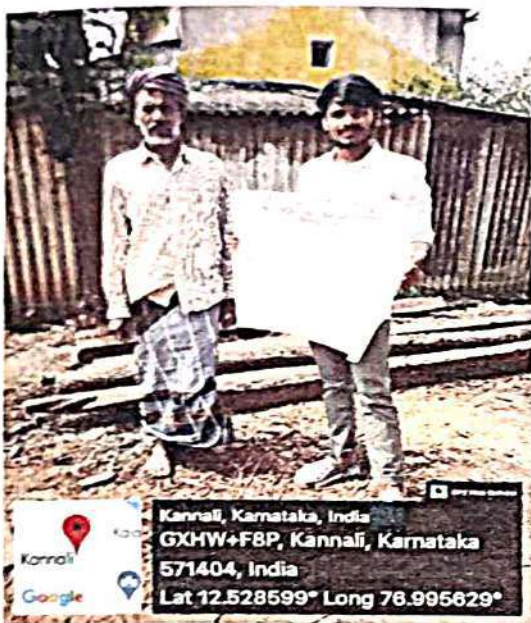
Activity 10:
Providing technical support for KYC and other requirements of UPI applications

Once the UPI applications were installed, we helped the people with setting up their accounts and linked their newly created savings bank account with their UPI applications to enable cashless digital payments. We also provided technical support to complete their KYC verification which is an important step for using UPI payment interfaces.



11: Setting up QR Codes for accepting payments at different stores

After setting the UPI payments in everyone's devices, we explained them the steps to be followed for making digital payments at any place of business. To ensure that the small local shops were able to accept digital payments, we distributed QR codes linked to their bank accounts which could be used to accept payments digitally.



Day 12:

Awareness about UPI account safety and critical information sharing practices

Once the residents of the village were completely equipped with all the necessary applications and devices to send and accept digital payments, we finally concluded our activity by sharing information about the UPI account safety and the importance of not sharing critical banking related information such as OTP's, bank account details, and safety pin numbers or any other critical information with anyone under any circumstances.



CONCLUSION

Sincere thanks to Visvesvaraya Technological University, Belagavi, Department of Electronics and Communication Engineering, Don Bosco Institute of Technology for the opportunity, encouragement, and support. A special thanks the members of Kannali Grama Panchayat along with the residents of Kannali village for their valuable support throughout the program.

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.



ಕನ್ನಡಿ ಗ್ರಾಮಪಂಚಾಯಿತಿ ಕಾರ್ಯಾಲಯ

ಕಸಬಾ ಹೋಬಳಿ, ಮಂಡ್ಯ ತಾಲ್ಲೂಕು.



ಕ್ರ.ಸಂ: 19/2022-23

ದಿನಾಂಕ : 27-01-2023

ವಿಭಾಗದ ಮುಖ್ಯಸ್ಥರು
ವಿಜಯನಗರ ಮತ್ತು ಸಂವಹನ ತಂತ್ರಜ್ಞಾನ
ಡಾನ್ ಬಾಸ್ಕೋ ತಾಂತ್ರಿಕ ವಿದ್ಯಾಲಯ
ಬೆಂಗಳೂರು-560074.

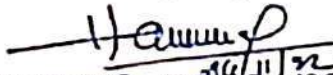
ಪಾನ್ಯರೇ.

ವಿಷಯ:- AICTE ಚಟುವಟಿಕೆ ನಿರ್ವಹಣೆ ಕುರಿತು.

ಮೇಲ್ಕಂಡ ವಿಷಯಕ್ಕೆ ಸಂಬಂಧಿಸಿದಂತೆ, ಮಂಡ್ಯ ತಾಲ್ಲೂಕು, ಕಸಬಾ ಹೋಬಳಿ, ಕನ್ನಡಿ ಗ್ರಾಮ ಪಂಚಾಯಿತಿ ಕಛೇರಿಯ ಮುಂಭಾಗ ಆಕ್ಟೋಬರ್ 2022 ರಿಂದ 2023 ಜನವರಿ ಮಾಹವರೆಗಿನ ನಡುವೆ ನಿಮ್ಮ ಕಾಲೇಜಿನ ವಿದ್ಯಾರ್ಥಿಗಳು ನಮ್ಮ ಗ್ರಾಮದ ಜನತೆಗೆ ಹೊಸ ಹಾಗೂ ಸುಲಭ ಹಣ ಪಾವತಿ ಮಾರ್ಗಗಳ ಬಗ್ಗೆ ಅರಿವು ಮೂಡಿಸಿದಕ್ಕಾಗಿ (Facilitating 100% digitilized money transactions), ಹಾಗೂ ಪಾವತಿ ಮಾರ್ಗಗಳನ್ನು ಚಲಾಯಿಸಲು ವ್ಯವಸ್ಥೆ ಮಾಡಿಕೊಟ್ಟ ಸಲುವಾಗಿ ಅಭಿನಂದನೆ ತಿಳಿಸುತ್ತೇವೆ. ಹಾಗೂ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ, AICTE ಚಟುವಟಿಕೆಯನ್ನು ನಮ್ಮ ಗ್ರಾಮದಲ್ಲಿ ನಡೆಸಲು ಮಾರ್ಗದರ್ಶನ ನೀಡಿದ ನಿಮಗೂ ಧನ್ಯವಾದಗಳನ್ನು ತಿಳಿಸುತ್ತೇವೆ.

“ವಂದನೆಗಳೊಂದಿಗೆ”

ತಮ್ಮ ವಿಶ್ವಾಸ


ಪಂಚಾಯಿತಿ ಅಧ್ಯಕ್ಷರ ಅಧಿಕಾರಿ
ಕನ್ನಡಿ ಗ್ರಾಮ ಪಂಚಾಯಿತಿ
ಮಂಡ್ಯ ತಾಲ್ಲೂಕು

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: 29/10/2022

To,
PDO,
Kannali,
Mandya.

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.

Names	USN
Nayana G	1DB20EC056
Nidhishree C	1DB20EC057
Yeshwanth U	1DB20EC099
Manoj P	1DB20EC051

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

Lakshmi T.R.
29/10

TSB 29/10/22

HOD(ECE)

Professor & H.O.D

Dept. of Electronics & Communication
DON BOSCO INSTITUTE OF TECHNOLOGY
Kumbalagode, BANGALORE-600 074.

UNIVERSITY OF APPLIED SCIENCES
TECHNICAL UNIVERSITY OF DENVER



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

TECHNICAL UNIVERSITY OF DENVER

Department of Electronics and Communication Engineering
Faculty of Engineering and Technology
Technical University of Denver

AICTE Activity 3

TECHNICAL UNIVERSITY OF DENVER



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

TECHNICAL UNIVERSITY OF DENVER
FACULTY OF ENGINEERING AND TECHNOLOGY

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
Jnana Sangama, Belagavi-590018, Karnataka



A REPORT
On

AICTE ACTIVITY POINTS PROGRAMME

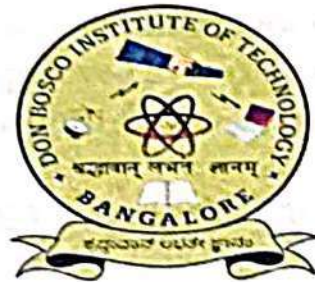
To Skill Rural Population

Submitted in partial fulfillment of the requirements for the award of the degree of
Bachelor of Engineering in Electronics & Communication Engineering

Submitted by

NAME: NIDHISHREE C

USN: 1DB20EC057

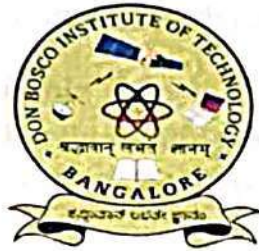


**DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING**

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

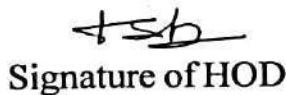
Certified that under the AICTE Activity Points Programme, the following Phase-3 activity "To Skill Rural Population", has been carried out by NIDHISHREE C (1DB20EC057) in partial fulfilment for the award of Bachelor of Engineering in Electronics and Communication of the Visvesvaraya Technological University, 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.

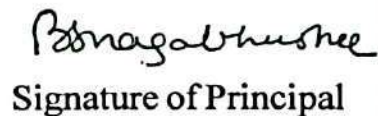
Activity Duration: March 2023 – April 2023 Marks Awarded:

20

20


Signature of Coordinators


Signature of HOD


Signature of Principal

Prof. Rashmi K T & Prof. Lakshmi Devi T R

Dr. Maheshwarappa A N

Dr. BS Nagabhushana

Assistant Professors,
Department of E&C,
DBIT

Professor and HOD,
Department of E&C,
DBIT

Principal,
DBIT

Professor & H.O.D

PRINCIPAL

Dept. of Electronics & Communication
DON BOSCO INSTITUTE OF TECHNOLOGY
Kumbalagodu, BANGALORE-560 074
Don Bosco Institute of Technology
Kumbalagodu, Mysore Road
Bangalore - 560 074.

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. Rashmi K T and Prof. Lakshmi Devi T R** 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

NIDHISHREE C

1DB20EC057

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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
To Skill Rural Population	2 weeks (80-90Hrs)	20	Accomplished



GPS Map Camera

Kumbalagodu
Gollahalli

Bengaluru, Karnataka, India
RFV2+4JW, Kumbalagodu-Gollahalli Rd, Opposite Grama
Panchayati Office, Bengaluru, Karnataka 560074, India
Lat 12.842821° Long 77.451524°
GMT +05:30



GPS Map Camera

Kumbalagodu
Gollahalli

Bengaluru, Karnataka, India
No 507/5, Gangasandra, K Gollahalli, Bengaluru,
Karnataka 560074, India
Lat 12.843222° Long 77.451732°
GMT +05:30

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 residents about the latest trends in technology and the need to upskill themselves 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 March 2023 – April 2023. Each day, the program was done by interacting with the residents 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 Importance of Skills
2.	Awareness about Government Policies
3.	Interaction about Different Govt. Policies related with agriculture, health, education, women, and children.
4.	Interaction with Groups of people taking benefit of policies.
5.	Interaction with some other groups like youth club, women's group & NGO's working in the area.
6.	Awareness about Water and waste management, Sanitation
7.	Interaction about Animal Husbandry, Small Industries and other Occupation
8.	Interaction about Govt. policies to encourage Animal Husbandry, Small Industries and other Occupation
9.	Interaction about importance of skills and education among rural population.
10.	Providing information about Resources available for the agriculture.
11.	Awareness about Govt. policies for technical skills and education
12.	Awareness about technical advancements and importance of technological skills

Chapter 3

IMPORTANCE OF UPSKILLING RURAL POPULATION

Upskilling rural youth is the key to combatting the issue of development in both farming and non-farm employment sector. The economic meltdown caused by the coronavirus pandemic has accelerated and amplified the technological disruptions that were still in their infancy during the Fourth Industrial Revolution. In fact, industry pundits also blame the pandemic for exacerbating the already-in-motion disruption in the labour markets that had resulted in the advent of Industry 4.0 and is now leading to the Fifth Industrial Revolution (Society 5.0).

Union home minister Amit Shah recently emphasized that "the future of any country is not determined by how many industrial units are functioning there, or how powerful its armed forces are, or how much tax it collects". "The country's future is decided by how many of its youths go to libraries," he said.

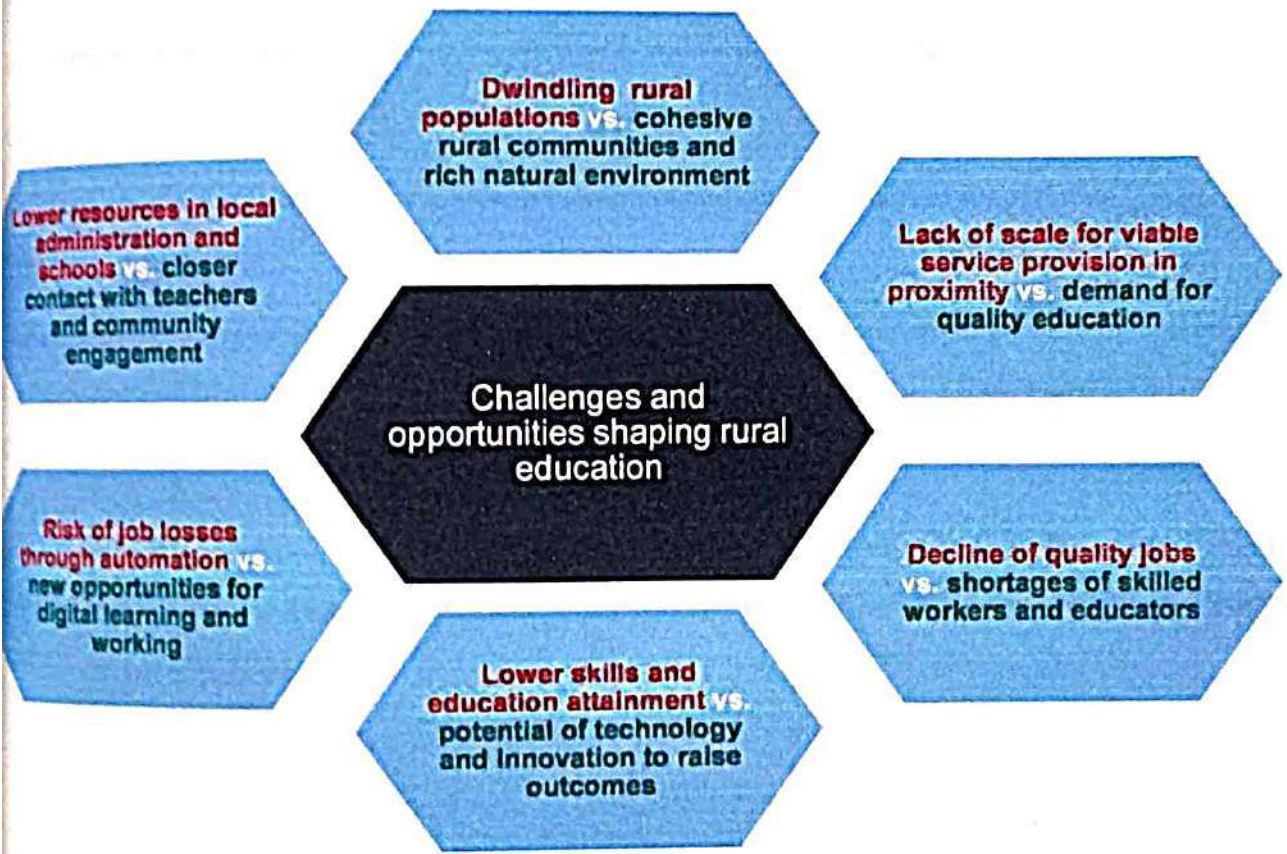
Education, in fact, could not have been more relevant to our current status as one of the main reasons behind India's employment problem is often said to be the lack of skilled labour. People, especially the youth in India, lack updated skills needed to do a particular job even though they're graduates and qualify the basic requirements. However, the country has been addressing this issue head on.

To address the gap between skill demand and supply, in 2015, the Centre launched the National Skill India Mission with an aim to provide the youth with the necessary skills for sustainable employment. As part of the country's fight to eliminate poverty and uplift the underprivileged youth, the government has undertaken several initiatives to provide vocational training sessions.

...ever, while schemes address the problem at the urban end, these programs often fail to widen their scope
...ght to include the issues the rural population is facing due to a huge demographic divide hampering their

... rural economy is heavily dependent on agriculture, employing over 60 per cent of the total populace, yet
...tributing only 20 per cent to the national gross domestic product (GDP). This dependency on agriculture,
...led with lack of employment opportunities in the sector in compliance with the upcoming technological
...nces in the industry, act like fuel to the fire of rural poverty and migration.

...ing rural youth is the key to combatting the issue of development in both farming and non-farm employment



OBJECTIVES OF THE ACTIVITY

The objectives of the activity are as follows:

Identify effective methods for outreach to unrepresented and under represented populations.

Describe and respond to cultural differences which influence how people with disabilities participate and benefit from independent living services.

Identify ways to network with agencies, governmental units, consumers, funders, and other interested parties.

Structure and manage programs more effectively to respond to service, funding, distance, and physical barriers.

Develop a long-range plan to meet current and future needs.

Increase awareness about, and response to, local mental health and wellbeing challenges.

Develop community based response to people experiencing medical disease.

Facilitate collaboration between health services, local government and other agencies to support and serve salient 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.



A big economic opportunity for India lies in creating trained and competent manpower out of the nearly 68 percent of India's total rural youth population to capitalize on its demographic dividend. However, due to lack of quality trainers and high focus on only academics, vocational training and skill development takes a backseat in these areas, so much so that about 93.7 per cent of youth had not received any vocational training in 2017-18.

Lack of transport facilities to training institutes which are mostly located in the nearest small towns make them inaccessible to most, especially women. This leads to the rural youth migrating to bigger cities, shunning the country's largest employment providing sector: agriculture. There is an urgent need to skill literate rural youth and change the perception of agriculture being deemed unprofitable and laborious.

The emerging technological opportunities linked to agri-extension services, food processing and agri-based e-commerce are expected to have several employment openings in the coming years. This requirement can be fulfilled by the introduction of specialized courses in these fields. By creating awareness and providing training, rural youth can achieve fulfilling careers.

In order to address the substantial challenges facing the labour market today, it is paramount that governments design a cohesive blueprint that ensures a holistic coming together of education providers, skills, workers and employers.

Making Indian agriculture profitable is the need of the hour, not only to attract investments but also to retain the second or third generation farmers who are at the crossroads of quitting the sector and migrate to bigger cities to make ends meet. It is about time the country formulates policies that enhance agricultural productivity by way of skilling the rural youth to solve the issue of unemployment.

For this, supporting farmers by de-risking their income sources and giving them the right price for their produce by skilling them to ace the technological advancements to make time and cost consuming traditional agri- practices more economic and efficient.

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.

Activity Breakup

Introduction to Importance of Skills

When we reached the village on the first day, we were greeted by the curious and excited faces of the village residents. We introduced ourselves and explained the purpose of our visit to the village and about the activities 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 introduced the people to the importance of different skills and explained about the various resources available to enhance their skills.



Day 2 Awareness about Government Policies

During this session, we explained the different schemes and policies formed by the government to upskill the rural population. We had prepared various charts and posters that helped us in explaining the ways of accessing these resources. We explained about the critical importance of enhancing their skills to achieve greater heights in today's technology driven world. Some of the policies discussed were:

- Mahatma Gandhi National Rural Employment Guarantee Act (MGNREGA) 2005
- Deen Dayal Antyodaya Yojana – National Rural Livelihoods Mission (DAY-NRLM)
- Pradhan Mantri Gram Sadak Yojana (PMGSY)



Day 3

Interaction about Different Govt. Policies related with agriculture, health, education, women, and children.

In this session, the people were given information about the different Govt. Policies related with agriculture, health, education, women, and children. We also explained about the importance of providing proper education to children. Various policies related to agriculture, women empowerment and other facilities were also discussed in this session.



GPS Map Camera

Kumbalagodu
Gollalavalli

Bengaluru, Karnataka, India
02, 1st cross 12th A main road kumbalagodu,
Bengaluru, Karnataka 560074, India
Lat 12.843315° Long 77.451958°
GMT +05:30

Google

Day 3

Interaction with Groups of people taking benefit of policies.

During this session, we interacted with the residents 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 skills and productivity. We also setup a technical help desk to help people in ensuring that they have all the right information necessary.



Day 5
Interaction with some other groups like youth club, women's group & NGO's working in the area.

In this session, we interacted with some other groups like youth club, women's group & NGO's working in the area. We also helped them in setting up proper channels and sites to ensure all the residents of the village had access to all the groups. Some of the major NGO's that were discussed about were:

- Professional Assistance for Development Action (PRADAN)
- Vrutti



Awareness about Water and waste management, and Sanitation.

In this session, we created awareness about water and waste management. We also tried to inculcate skills among the residents that could be useful in turning the waste materials from agriculture for other purposes.



Interaction about Animal Husbandry, Small Industries and other Occupation

During this session, we interacted with the residents of the village about animal husbandry, small scale industries and the occupations practiced within the village. We also discussed about the skillsets necessary to improve their efficiency and profits in their respective occupations.



Interaction about Govt. policies to encourage Animal Husbandry, Small Industries 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 animal husbandry, small industries and other relevant occupations. The people were excited to learn about the policies and had some queries which were answered by our coordinators. Some of the major policies discussed were:

- Rashtriya Gokul Mission (RGM)
- Livestock Health & Disease Control Scheme



Interaction about Govt. policies to encourage Animal Husbandry, Small Industries 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 animal husbandry, small industries and other relevant occupations. The people were excited to learn about the policies and had some queries which were answered by our coordinators. Some of the major policies discussed were:

- Rashtriya Gokul Mission (RGM)
- Livestock Health & Disease Control Scheme



Day 9

Interaction about importance of skills and education among rural population.

In this session, we explained the residents of the village about the importance of developing new skills and getting the proper education. We also discussed about the various job opportunities that are available to the people upon upskilling themselves.



May 10

providing information about Resources available for the agriculture.

In this session, we provided information to the residents 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 upskilling themselves to practice agriculture using modern day techniques and equipment.



Day 11

Awareness about Govt. policies for Technical skills and education

In this session, we discussed about the various technical skills required to get better jobs in their various sectors. Some of the schemes and policies that were discussed about include:

- Pradhan Mantri Kaushal Vikas Yojana (PMKVY)
- India International Skill Centres (IISCs)
- Pradhan Mantri Kaushal Kendras (PMKK)
- Apprenticeship Training under the Apprentices Act, 1961



... about technical advancements and importance of technological skills.

... we explained the residents of the village about the recent technological advancements in the field of ... and other related fields. We also explained about the importance of upskilling themselves. Finally, we ... everyone for their support and involvement in our activity.



6

CONCLUSION

Thanks to Visvesvaraya Technological University, Belagavi, Department of Electronics and Communication Engineering, Don Bosco Institute of Technology for the opportunity, encouragement and special thanks to the members of K Gollahalli Grama Panchayat along with the residents of K village for their valuable support throughout the program.

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 commitments. It was indeed an efficient platform to share and gain knowledge and certain skills to ensure all aspects.



Chapter 7

Appreciation Letter

ಕೆ. ಸೊಲ್ಲಹಳ್ಳಿ ಗ್ರಾಮ
ಕೆ. ಸೊಲ್ಲಹಳ್ಳಿ, ಕೆಂಪೇಗುಡಿ ಮಂಡಲ, ಬೆಂಗಳೂರು.



ಪಂಚಾಯಿತಿ ಕಾರ್ಯಾಲಯ
ಬೆಂಗಳೂರು ದಕ್ಷಿಣ ತಾಲ್ಲೂಕು, ಬೆಂಗಳೂರು ನಗರ ಜಿಲ್ಲೆ

ಕೆ. ಸೊಲ್ಲಹಳ್ಳಿ ಗ್ರಾಮ ಪಂಚಾಯಿತಿ

ದಿನಾಂಕ: 18-5-2023

To,
Head Of the Department,
Electronics and Communication Engineering, Dps Basco Institute of Technology, Bengaluru-
560074.

Dear Sir,

Subject: Conduction of AICTE activity - To Skill Rural Population.

With respect to the above subject, I would like to thank you and the students of your college for their time, talent and expertise presented to educate the rural public through AICTE activity To Skill Rural Population. We appreciate the contribution rendered by the students of ECE department during 11 March 2023 to 23 April 2023. Their ideas, input and enthusiasm were most helpful and have assisted in making valuable improvements and in creating awareness among the rural public. We hope to have more such activities in our village.

Thanks and Regards,

Succesul

ಪಂಚಾಯಿತಿ ಅಧ್ಯಕ್ಷರಾದ
ಕೆ. ಸೊಲ್ಲಹಳ್ಳಿ ಗ್ರಾಮ ಪಂಚಾಯಿತಿ
ಕೆಂಪೇಗುಡಿ ಮಂಡಲ, ಬೆಂಗಳೂರು

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: 9/3/2023

To
 K. G. G. G. G.
 Chairman, Board

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

Vivekananda 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
IDB20EC034	Hemant R
IDB20EC046	Lokesh Kumar S
IDB20EC047	Manoj P
IDB20EC048	Mohan R
IDB20EC053	Nalisha Kaushal
IDB20EC054	Nandan K R
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IDB20EC056	Nayana G
IDB20EC057	Nalshree C
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IDB21EC402	Nithin B
IDB21EC403	Vinay L
IDB21EC409	Vishnu S N
IDB21EC407	Vidhyashree R

AICTE Co Ordinator

Mrs Lakshmidevi T R *Lakshmi T R*Mrs Rashmi K T *Rashmi K T**tsb*

HOD(ECE)

Professor & H.O.D

Dept. of Electronics & Communication
40N BOSCO INSTITUTE OF TECHNOLOGY
Tambalaogodu, BANGALORE-560 074

AICTE Activity 4

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
Jnana Sangama, Belagavi-590018, Karnataka



A REPORT
On

AICTE ACTIVITY POINTS PROGRAMME

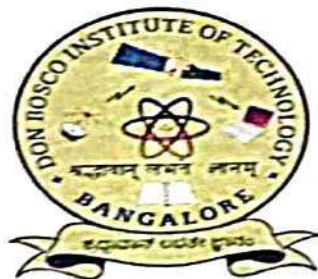
Spreading public awareness under rural outreach program

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

Bachelor of Engineering in
Electronics & Communication Engineering

Submitted by

NAME: NIDHISHREE C
USN: 1DB20EC057



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 NIDHISHREE C (IDB20EC057) in partial fulfillment 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 Coordinator's


Signature of HOD


Signature of Principal

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

Assistant Professors,
Department of E&C,
DBIT

Dr. Maheshwarappa A N

Professor and
HOD, Department
of E&C, DBIT

Dr. BS Nagabhushana

Principal,
DBIT

Professor & H.O.D.

Dept. of Electronics & Communication
DON BOSCO INSTITUTE OF TECHNOLOGY
Kumbalagodu, BANGALORE-560 074

PRINCIPAL

Don Bosco Institute of Technology
Kumbalagodu, Mysore Road,
Bangalore - 560 074.

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 4.

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 4.

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

NIDHISHREE C

1DB20EC057

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



GPS Map Camera



Kumbalagodu Gollahalli, Karnataka, India
RFV2+4HR, Kumbalagodu Gollahalli, Karnataka
560074, India
Lat 12.842827° Long 77.451495°
GMT +05:30



GPS Map Camera



Bengaluru, Karnataka, India
RFV2+4JW, Kumbalagodu-Gollahalli Rd, Opposite Grama
Panchayat/ Office, Bengaluru, Karnataka 560074, India
Lat 12.842801° Long 77.451551°
GMT +05:30

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

	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

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.

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.



VERMICOMPOST



GREENLEAF MANURES



CROPROTATION



MANURES

ORGANIC FARMING



BIOLOGICAL MANAGEMENT



BIOFERTILIZERS



ANIMAL HUSBANDRY

OBJECTIVES OF THE ACTIVITY

The objectives of the activity are as follows:

The main objective is to ensure that rural communities have access to essential services such as healthcare, education, clean water, sanitation, and electricity.

The program aims to bridge the gap between rural areas and urban centers by bringing these services to the rural population.

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.

Health outreach programs often focus on improving healthcare services and promoting hygiene and sanitation practices in rural communities.

Develop a long-range plan to meet current and future needs.

Address about, and response to, local mental health and wellbeing challenges.

Community based response to people experiencing medical disease.

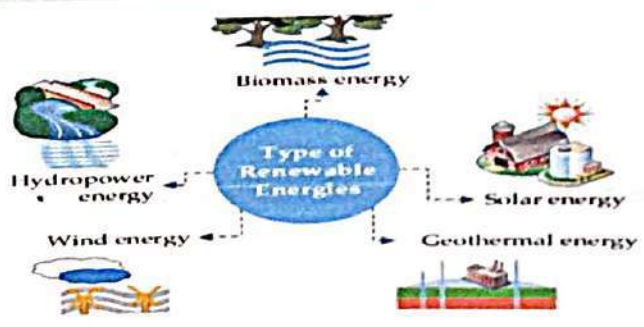
Collaboration between health services, local government and other agencies to support and empower rural communities.

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



Kumbalagodu Gollahalli
 Bengaluru, Karnataka, India
 560074, India
 Lat 12.843259° Long 77.451425°
 GMT +05:30



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

When 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 in explaining the main 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)
- Pradhan Mahajan Antyodaya Yojana (PMAY)

Electricity policies

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

Information about Different Govt. Policies related with farming, health, education.

During the session, the people were given information about the different Govt. Policies related with farming, health, and 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 safe and give more yield.



GPS Map Camera

Kum .godu
Gollahalli

Bengaluru, Karnataka, India
RFV2+8H3, Kumbalagodu-Gollahalli-Thittahalli
Rd, Bengaluru, Karnataka 560074, India
Lat 12.843294° Long 77.451468°
GMT +05:30



interact with Groups of people taking benefit of policies.

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

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



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.



Discussion about Solar electricity, Gas electricity and other Occupation.

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

We also explained how we can use solar gas for production of electricity which will overcome the lack of electricity, by this solar gas many youth can get occupation which will overcome unemployment.



Discussion about Govt. policies to encourage Solar electricity, Gas electricity and other occupations.

After the previous discussions, we had a detailed discussion about various government policies that are introduced to encourage Solar electricity, Gas electricity occupations. The people attended to learn about the policies and had some queries which were answered by us, and the queries are how we get funding for the plantation and what are the advantages and disadvantages of this plantations. How the Govt. help for this plantation in both financially and economically.

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



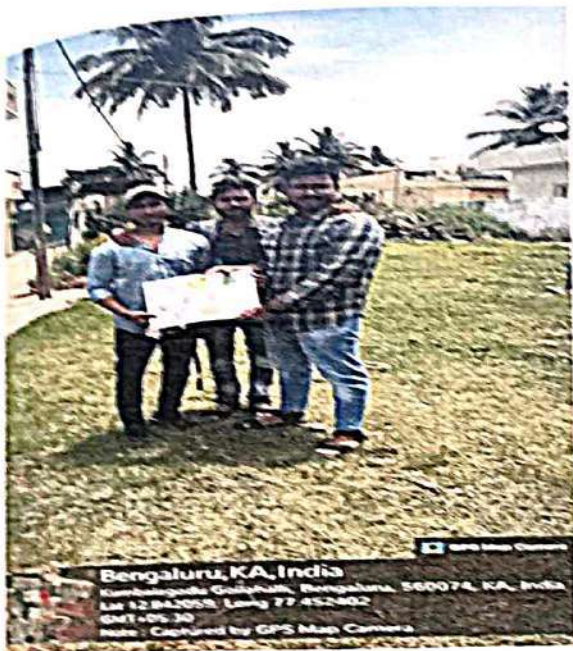
9 Education about importance of skills and education among Organic farming.

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



providing information about Resources available for the Organic farming.

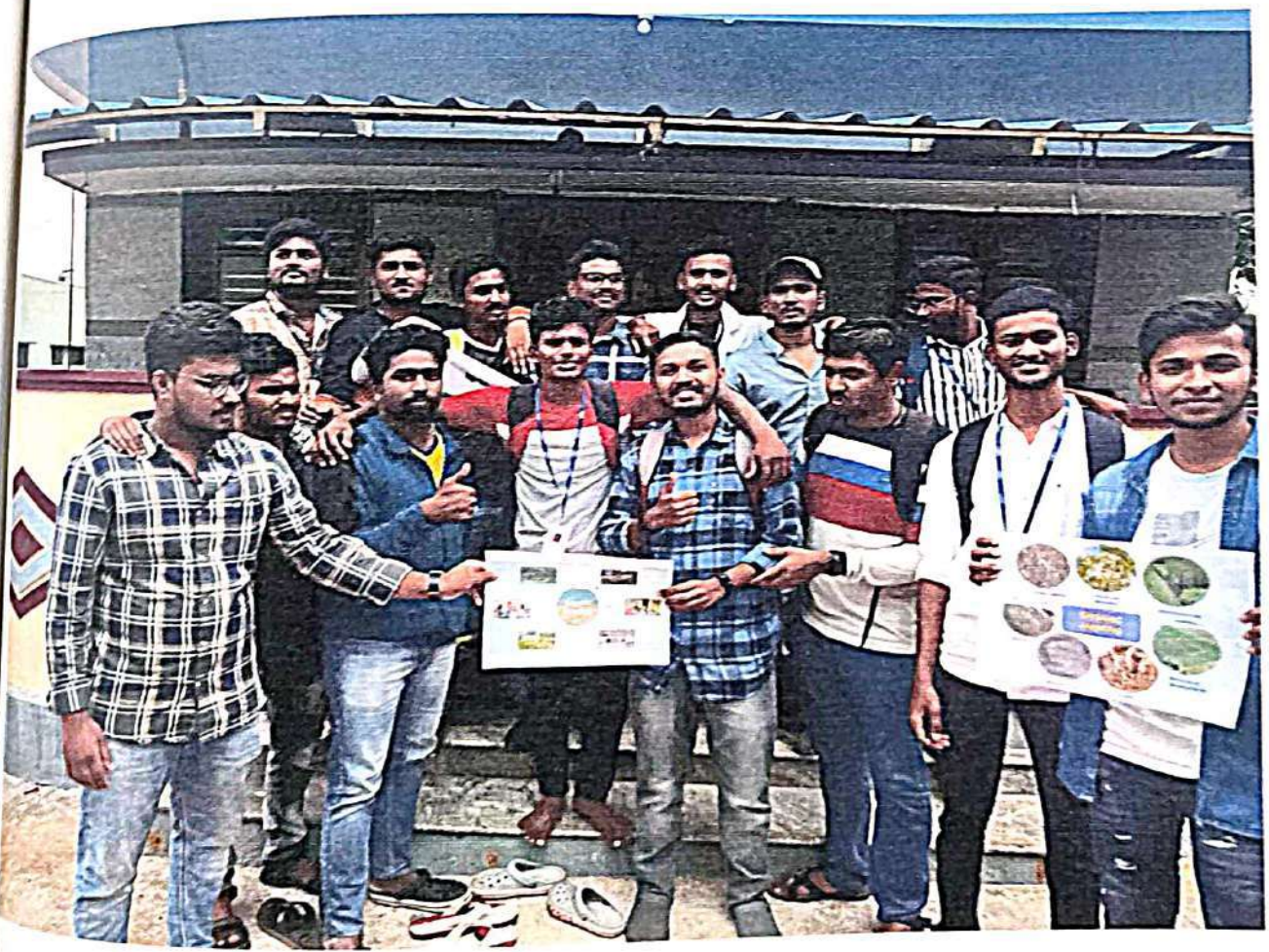
... we provided information to the people of the village about the various resources available for organic and efficient agriculture. We also introduced the people to the apps and websites that help them with the Govt. facilities which are given free and upskilling themselves to practice agriculture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



...ness about Govt. policies for Organic farming and education.

... we discussed about the various Govt. policies for organic farming. Some of the schemes and policies 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)



about technical advancements and importance of local library.

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



CONCLUSION

Thanks to Visvesvaraya Technological University, Belagavi, Department of Electronics and Communication Engineering, Don Bosco Institute of Technology for the opportunity, encouragement and A special thanks to the members of K Gollahalli Grama Panchayat along with the residents of K village for their valuable support throughout the program.

Community 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 commitments. It was indeed an efficient platform to share and gain knowledge and certain skills to ensure in all aspects.



Appreciation Letter

ಕೆ. ಗೊಲ್ಲಪ್ಪ, ಗ್ರಾಮ
ಕೆ. ಗೊಲ್ಲಪ್ಪ, ಕಂಗೆರೆ ಹೋಬಳಿ,



ಪಂಚಾಯಿತಿ ಕಾರ್ಯಾಲಯ

ಬೆಂಗಳೂರು ದಕ್ಷಿಣ ತಾಲ್ಲೂಕು, ಬೆಂಗಳೂರು ನಗರ ಜಿಲ್ಲೆ

ಕೆ. ಗೊ. ಗ್ರಾಮ ಪಂ. ಸಂಖ್ಯೆ :

ದಿನಾಂಕ : 21/07/2023

To
Head of the Department,
Electronics and Communication Engineering,
Don Bosco Institute of Technology,
Bengaluru-560074

Dear Sir,

Sub: Conduction of AICTE activity- Spreading public awareness under rural outreach program

With respect to the above subject, I would like to thank you and the students of your college for their times talent and expertise presumed to the rural public through AICTE activity-- Spreading public awareness under rural outreach program. We appreciate the contribution rendered by the student of ECE department during April 2023 to June 2023. Their ideas, input and enthusiasm were most helpful and have assisted in making valuable improvements and in creating awareness among the rural public. We hope to have more such activities in our village.

Thanks and Regards

(Signature)
ಕೆ. ಗೊಲ್ಲಪ್ಪ, ಕಂಗೆರೆ ಹೋಬಳಿ,
ಬೆಂಗಳೂರು ದಕ್ಷಿಣ ತಾಲ್ಲೂಕು, ಬೆಂಗಳೂರು ನಗರ ಜಿಲ್ಲೆ

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. Gopinath
Commissioner

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.

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1DB21FC409	Vishnu S N
1DB21FC407	Vidhyashree R

AICTE Co Ordinator
 Mrs Lakshmidevi I R
 Mrs Rashmi K I

Handwritten signature and date
 17/10/2023

Handwritten initials
 +36

HOD/EECE
 Department of Electronics and Communication Engineering
 DRIT
 www.drithelp.com

Handwritten signature
 E-Cell
 DRIT

AICTE Activity 5

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
Jnana Sangama, Belagavi-590018, Karnataka



A REPORT
On

AICTE ACTIVITY POINTS PROGRAMME

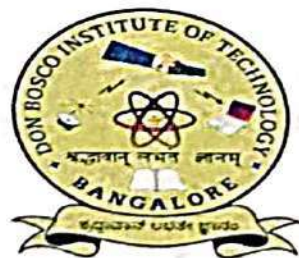
Swachh Bharat Abhiyan

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

Bachelor of Engineering in
Electronics & Communication Engineering

Submitted by

NAME: NIDHISHREE C
USN: 1DB20EC057



DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING

DON BOSCO INSTITUTE OF TECHNOLOGY
Kumbalagodu, Mysore Road, Bangalore 560074
[2023-2024]

DON BOSCO INSTITUTE OF TECHNOLOGY

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Kumbalagodu, Mysore Road, Bangalore 560074

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



Certificate

Certified that under the AICTE Activity Points Programme, the following Phase- 5 activity "Swachh Bharat Abhiyan", has been carried out by NIDHISHREE C(1DB20EC057) in partial fulfilment for the award of Bachelor of Engineering in Electronics and Communication of the Visvesvaraya Technological University, Belagavi during the academic year 2023-2024. 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: September 2023 – December 2023 Marks Awarded:

20
20


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

Professor & H.O D

Dept. of Electronics & Communication
DON BOSCO INSTITUTE OF TECHNOLOGY
Kumbalagodu, BANGALORE-560 074


Signature of Principal

Dr. BS Nagabhushana

Principal,
DBIT

PRINCIPAL

Don Bosco Institute of Technology
Kumbalagodu, Mysore Road,
Bangalore - 560 074.

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 5.

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 5.

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

NIDHISHREE C

1DB20EC057

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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.**

As part 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
Swachh Bharat Abhiyan	2 weeks (80-90Hrs)	20	Accomplished



Bengaluru, Karnataka, India
K Gollahalli, Bengaluru, Karnataka 560074, India
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560074, India
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GMT +05:30

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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 to maintain Clean and Hugiene, need to take complete advantage of various schemes and programs offered by the NREGS and GOI like Swachh Survekshan annual cleanliness survey.



The entire program was carried out on Sundays over the period of September 2023 – December 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 Swachh Bharat Abhiyan.
2.	Awareness about Government Plans.
3.	Interaction about Different Govt. Plans related with health and hygiene.
4.	Interaction with Groups of people to maintain clean in village.
5.	Interaction with some other groups like NSS & NCC to work in the area.
6.	Awareness about Water clean and waste management, Sanitation.
7.	Interaction about new technology to maintain cleanliness.
8.	Interaction about Govt. plans to waste management.
9.	Interaction about disorder appearance.
10.	Providing information about preventing diseases.
11.	Awareness about government primary health care.
12.	Awareness about clean habits which should follow.

Chapter 3

IMPORTANCE OF SWACHH BHARAT ABHIYAN

Swachh Bharat Abhiyan, also known as the Clean India Mission, is a nationwide cleanliness campaign initiated by the Government of India in 2014. The campaign aims to achieve the vision of a "Clean India" by promoting cleanliness, hygiene, and sanitation across the country.

The campaign focuses on improving sanitation and hygiene practices, which directly contributes to the reduction of waterborne diseases, vector-borne diseases, and other health issues caused by poor sanitation. Access to clean water and proper sanitation facilities is crucial for public health.

Swachh Bharat Abhiyan aims to create awareness about the proper disposal of waste and the importance of recycling. This contributes to the reduction of environmental pollution, protecting soil and water resources, and serving biodiversity.



OBJECTIVES OF THE ACTIVITY

The main objectives of the activity are as follows:

Elimination of Open Defecation: One of the main goals is to eliminate the practice of open defecation, which contributes to the spread of diseases and poses a threat to public health.

Information about Sanitation Facilities: The campaign focuses on constructing toilets and promoting the use of proper sanitation facilities to ensure that every household has access to a toilet.

Proper Waste Management: Swachh Bharat Abhiyan aims to promote proper waste management practices, including waste segregation, recycling, and the proper disposal of solid and liquid waste.

Promotion of Cleanliness in Public Spaces: The initiative emphasizes the need for cleanliness in public spaces such as streets, parks, and tourist destinations. It encourages the active participation of communities in keeping their surroundings clean.

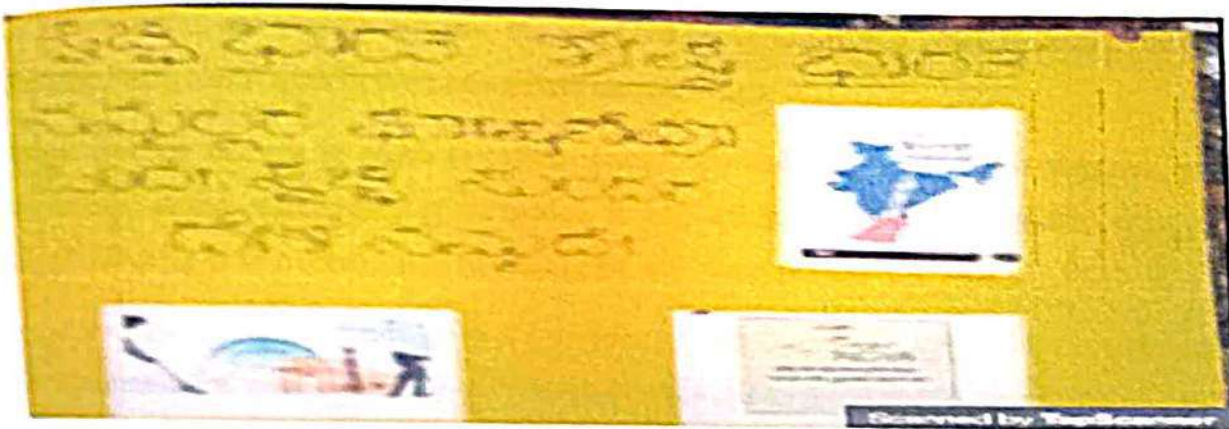
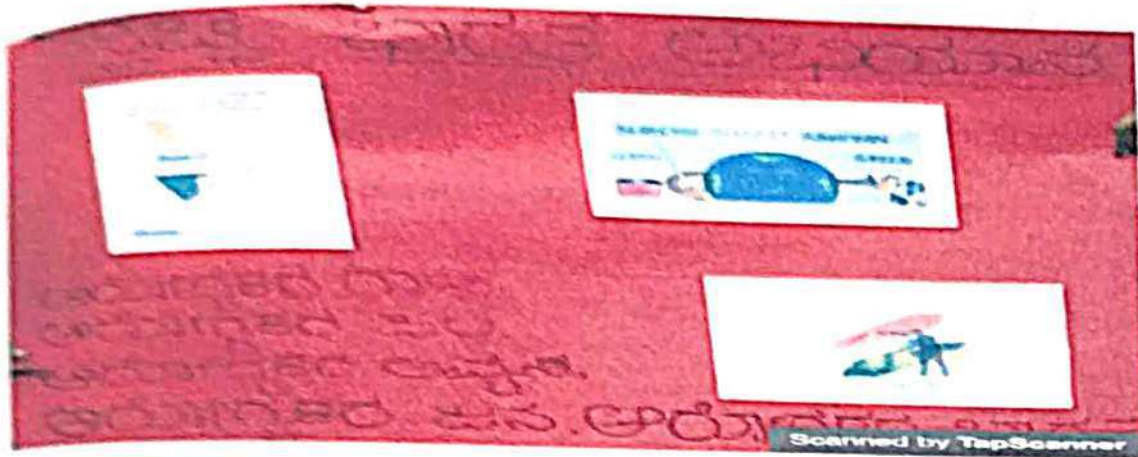
Rural and Urban Development: The campaign addresses both rural and urban areas, recognizing the need for comprehensive sanitation and cleanliness measures in diverse settings.

Technology and Innovation: The initiative encourages the use of innovative technologies and approaches to achieve its objectives more efficiently.

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 a 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 campaign aims to eradicate the practice of open defecation, recognizing its adverse impact on public health. By constructing toilets and promoting the use of proper sanitation facilities, the mission strives to ensure that every household has access to a toilet, thereby addressing a fundamental aspect of public hygiene.

Beyond individual households, Swachh Bharat Abhiyan emphasizes proper waste management practices. This involves the promotion of waste segregation, recycling efforts, and the responsible disposal of both solid and liquid waste. The campaign recognizes that effective waste management is crucial for environmental sustainability and public health.

A critical dimension of the mission involves inducing a behavioral change in communities. By fostering a mindset shift towards hygiene and cleanliness, the initiative seeks to instill a sense of responsibility among citizens for maintaining cleanliness in their immediate surroundings.

Swachh Bharat Abhiyan extends its reach to public spaces, advocating for cleanliness in streets, parks, and tourist destinations. Active community participation is encouraged to ensure that public areas are well-maintained, contributing to an overall sense of civic pride and responsibility.

Education and awareness play pivotal roles in the mission. Through targeted programs, the campaign aims to educate the populace about the significance of cleanliness and sanitation. By leveraging various communication channels, it seeks to create a widespread awareness that translates into concrete actions at the individual and community levels.

Recognizing the diversity of India's landscape, the campaign addresses both rural and urban areas. It envisions comprehensive sanitation measures that are adaptable to the unique challenges and requirements of diverse settings.

Swachh Bharat Abhiyan aspires to create a healthier and cleaner environment, reduce the incidence of waterborne diseases, and uplift the well-being of all citizens. The vision is one of a Swachh Bharat, where every individual not only has access to sanitation facilities but also actively participates in the collective effort to maintain cleanliness and hygiene. Through these multifaceted objectives, the mission strives to bring about a positive and enduring transformation in the nation's sanitation landscape.

Chapter 5

Day 1

Activity Breakup

Introduction to Swachh Bharat Abhiyan

When 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 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. schemes and resource of knowledge.



GPS Map Camera

Bengaluru, Karnataka, India
36 9th Cross 6th Main K Gollahalli, Bengaluru, Karnataka 560074,
India

Lat 12.842391° Long 77.453211°
GMT +05:30



2

Awareness about Government Plans

In this session, we explained the different schemes and policies formed by the government for swachh abhyan. We had prepared various charts and posters that helped us to overcome the problems. We discussed Govt plans to achieve swachh bharat abhayan. Some of the policies discussed were:

Govt plans:

Construction of Toilets

Solid Waste Management

Swach Bharat Mission (Gramin and Urban)

Behavior Change Communication (BCC)



3 Information about Different Govt. Plans related with health and hygiene.

During this service, the people were given information about the different Govt. Plans related with health and hygiene. We also explained about the importance of health and hygiene.

We also explain the Govt. plans in which we get free and low-cost health checkup.

Govt. Plans:

- Public Health Campaigns.
- Maternal and Child Health Programs.
- Health Education in Schools.



DAY 4 Interaction with Groups of people to maintain clean in village.

During this session, we interacted with the peoples of the village who are already taking benefit of the existing plans and provided how they can make better use of those plans to increase their cleanliness. 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 plans and detailly explained the information of the plans and whom to be contacted to get the facilities of this plans.



Day 5

Interaction with some other groups like NSS & NCC to work 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 technics for maintaining the cleanliness and hygiene are shared. Both the groups helped in sharing the information of modern technologies and equipment's and we explained how to use them like garbage cleaning truck.



Day 6
Awareness about Water clean 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 waste disposal water which will give more yield and we can use waste water for cleaning purpose.

We can maintain clean in water by this technical of storage system and we can store large amount of water is safe.



Day 7

Interaction about new technology to maintain clean.

During this session, we interacted with the people of the village about cleanliness of village. We also explained how the roads can be cleaned in village and how drainages are maintained. We can use drainage system for disposal of waste water which will overcome the uncleanness of road, by this many youth can get occupation which will overcome unemployment.



Day 8 Interaction about Govt. plans to waste management.

In this session, after the previous discussions, we had a detailed discussion about various government schemes and plans that are introduced to encourage waste management. The people were excited to learn about the plans 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 plans discussed were:

- Grants and Subsidies.
- Tax Incentives.
- Low-Interest Loans.



Day 9

Interaction about disorder appearance.

In this session, we explained the people of the village about the diseases appears by the waste and stagnant water. By avoiding the open storage of water and disposal of waste.

Some disorders caused by waste or stagnant water:

- Malaria and dengue.
- Cholera and Zika Virus.



Day 10

Providing information about preventing diseases.

In this session, we provided information to the people of the village about the various resources available for preventing water diseases. 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 get knowledge about preventing the diseases using modern day techniques and equipment.



11
awareness about government primary health care.

In this session, we discussed about the various Govt. primary health care centers for primary treatment. Some of the schemes and plans that were discussed about include:

National Health Mission (NHM).

Ayushman Bharat - Pradhan Mantri Jan Arogya Yojana (PM-JAY).

Janani Suraksha Yojana (JSY).

Mission Indradhanush.



business should create habits which should follow.
Some of the clean habits that you should follow are listed below:

- You should brush your teeth at least twice.
- Nails should be clean.
- Taking a bath every day is mandatory.
- Washing hands after playing is also very essential.
- One must always cover their mouth.



Chapter 6

CONCLUSION

I would like to thank to Visvesvaraya Technological University, Belagavi, Department of Electronics and Communication Engineering, Don Bosco Institute of Technology for the opportunity, encouragement and support. A special thanks to the members of K Gollahalli Grama Panchayat along with the residents of K Gollahalli village for their valuable support throughout the program.

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 achieve growth in all aspects.



Appreciation Letter

ಕೆ. ಗೊಲ್ಲಹಳ್ಳಿ ಗ್ರಾಮ
ಕೆ. ಗೊಲ್ಲಹಳ್ಳಿ, ಕೆಂಗಳೂರು ಹೋಬಳಿ.



ಪಂಚಾಯತಿ ಕಾರ್ಯಾಲಯ

ಬೆಂಗಳೂರು ದಕ್ಷಿಣ ತಾಲ್ಲೂಕು, ಬೆಂಗಳೂರು ನಗರ ಜಿಲ್ಲೆ

ಕೆ. ಗೊಲ್ಲಹಳ್ಳಿ ಪಂ. ಸಂಖ್ಯೆ :

ದಿನಾಂಕ : ೨/೦೫/೨೦೨೪.

To
Head of the Department, Electronics and Communication Engineering, Don Bosco Institute
of Technology
Bengaluru-560074

Dear Sir,

Sub: Conduction of AICTE activity- Swachh Bharat Abhiyan

With respect to the above subject, I would like to thank you and the students of your college for their times talent and expertise presumed to the rural public through AICTE activity-- Swachh Bharat Abhiyan. We appreciate the contribution rendered by the student of ECE department during September 2023 to December 2023. Their ideas, input and enthusiasm were most helpful and have assisted in making valuable improvements and in creating awareness among the rural public. We hope to have more such activities in our village.

Thanks and Regards

K. Hanu
ಮಾನ್ಯ ಪ್ರಾಚಾರ್ಯರು
ಕೆ. ಗೊಲ್ಲಹಳ್ಳಿ ಗ್ರಾಮಪಂಚಾಯತಿ
ಕೆಂಗಳೂರು ಹೋಬಳಿ, ಕೆ.ನ.ಪಂ.

List of Students

Don Bosco Institute of Technology, Bangalore
(NAAC Accredited Institution)
Department of Electronics and Communication Engineering



Date: 31/05/2023

To,
K. Gollaballi,
Gumayambayat.

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

Dear Sir,

Coverings from Don Bosco Institute of Technology, Vokkalaya 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.

UNN	NAME
1DB20EC034	Hemanth R
1DB20EC046	Likith Kumar S
1DB20EC051	Manoj P
1DB20EC052	Mohan R
1DB20EC053	Nalisha Kaushal
1DB20EC054	Nandan K R
1DB20EC055	Nayana A R
1DB20EC056	Nayana G
1DB20EC057	Nidhisree C
1DB20EC058	Nikhilesh N
1DB20EC060	Nithya Shree G
1DB20EC061	P L Shreevathsa
1DB20EC062	Pavan M
1DB20EC063	Poojashree V
1DB20EC064	Prajwal R
1DB20EC065	R Dharshan
1DB20EC066	Rahul S H
1DB20EC067	Rakshitha P V
1DB20EC068	Rakshitha S Hiremath
1DB20EC069	Revanth S Gowda
1DB20EC070	Robith H
1DB20EC071	S Harshitha

1DB20EC072	Sahana J K
1DB20EC073	Sahana L
1DB20EC074	Sahana R
1DB20EC075	Samuel C D
1DB20EC076	Shashank S Bysani
1DB20EC077	Shreeya N Venkat
1DB20EC078	Shreya T K
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1DB20EC084	Srujana K A
1DB20EC085	Suhas Nivarathi M S
1DB20EC086	Sujendra Sulegoan
1DB20EC087	Syed Saud Ur Rehman
1DB20EC088	Tanvi M P
1DB20EC089	Tarun Gaurav
1DB20EC090	Thilak. K
1DB20EC091	Tushar Gowda N
1DB20EC092	Varshitha A M
1DB20EC093	Veena C
1DB20EC094	Vijeth Adiraju
1DB20EC095	Vinay B U
1DB20EC096	Vishal Reddy Narahare
1DB20EC097	Yashaswini N
1DB20EC098	Yashwanth K
1DB20EC099	Yeshwanth U
1DB20EC100	Yogananda A C
1DB20EC101	Zaiba Khanum
1DB21EC400	Hemanth
1DB21EC402	Nithin B
1DB21EC408	Vinay L
1DB21EC409	Vishnu S N
1DB21EC407	Vidhyashree R

AICTE Co Ordinator
Mrs. Lakshmidevi T.R.
Mrs. Tejaswini M.L.

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HOD(ECE)
Professor & H.O.D
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VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Jnana Sangama, Belagavi-590018, Karnataka



An Report on

“AICTE ACTIVITY POINTS”

Submitted In Fulfilment for the Award of Degree In

BACHELOR OF ENGINEERING

IN

ELECTRICAL AND ELECTRONICS ENGINEERING

Submitted by

JAYASHREE D

1DB21EE404

Under the Guidance of

Mrs. Padmashree V Kulkarni

Associate Professor,

Dept. of EEE



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

DON BOSCO INSTITUTE OF TECHNOLOGY

Kumbalagodu, Mysuru Road, Bangaluru-560 074

2022-2024



DON BOSCO INSTITUTE OF TECHNOLOGY

Kumbalagodu, Mysuru Road, Bengaluru-560 074

**CERTIFICATE**

Certified that the AICTE entitled "**AICTE ACTIVITY POINT**" is a carried out by JAYASHREE D(1DB21EE404), a Bonafide student at Don Bosco Institute of Technology, Bengaluru in fulfilment for the award of degree of Bachelor of Engineering in Electrical and Electronics Engineering of Visvesvaraya Technological University, Belgaum in the academic year 2022-2024.

It is certified that all corrections/suggestions indicated during internal assessment have been incorporated in the report. The Aicte Activity report has been approved as it satisfies the academic requirement in respect of AICTE work prescribed for the said Degree.

SIGNATURE

AICTE Activity Guide

Mrs. PADMASHREE V KULKARNI

Associate Professor,

Dept. of EEE

DBIT, Bengaluru -74

Head of Dept., EEE

Dr R ANGURAJA

Professor,

Dept. of EEE,

DBIT, Bengaluru -74

Principal

DR B S NAGABHUSHANA

DBIT, Bengaluru -74

DON BOSCO INSTITUTE OF TECHNOLOGY

Kumbalgodu, Mysuru Road, Bengaluru - 560 074



Department of Electrical and Electronics Engineering

DECLARATION

I JAYASHREE D(1DB21EE404) student of 8TH semester B.E, Department of Electrical and Electronics Engineering, Don Bosco Institute of Technology, Bengaluru declare that the AICTE Activity entitled "AICTE ACTIVITY POINT" has been carried out by me and submitted in partial fulfilment of the course requirements for the award of Degree of Bachelor of Engineering in Electrical and Electronics Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2022-24. The matter embodied in this report has not been submitted to any other university or institution for the award of any other Degree.

PLACE: Bengaluru

DATE: 26/4/2024

Jayashree.D
JAYASHREE D
1DB21EE404

ACKNOWLEDGEMENT

The satisfaction that accompany the successful completion of any task would be incomplete without the mention of people who made it possible, whose constant guidance and encouragement crowned my effort with success.

We would like to express our immense gratitude to **Dr B S Nagabhushana**, Principal, Don Bosco Institute of Technology, Bengaluru -74, for his timely help and inspiration during the tenure of the course.

We are greatly thankful to **Dr R Anguraja**, Professor and HOD, Department of Electrical and Electronics Engineering, Don Bosco Institute of Technology, Bengaluru -74, for his able guidance, regular source of encouragement and assistance throughout this AICTE WEEK.

We are indebted to our Guides, **Mrs. Padmashree V Kulkarni**, Associate Professor, Department of Electrical and Electronic Engineering, Don Bosco Institute of Technology, Bengaluru -74, has not only coordinated to our work but also given suggestions from time to time.

We gratefully acknowledge the help let out to us by all faculty members of the Department of Electrical and Electronics Engineering, Don Bosco Institute of technology, at all difficult times. Furthermore, we acknowledge the support and feedback of my parents and friends.

JAYASHREE D

1DB21EE404

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CHAPTER 1

INTRODUCTION

****AICTE ACTIVITY POINTS PROGRAM IS AN ADDITIONAL REQUIREMENT FOR EARNING 4 YEARS DEGREE PROGRAM****

The All India Council for Technical Education (AICTE) is a statutory body established by the Government of India to promote technical education and regulate the standards of technical education in India. AICTE has launched various programs in collaboration with universities across India to enhance the quality of technical education.

One such program is the AICTE Training which is being conducted in collaboration with Visvesvaraya Technological University (VTU). The program aims to provide training to students and researchers in various emerging areas of technology and management.

A part 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.

Overall, the AICTE Training of VTU is a great opportunity for students and researchers to upgrade their knowledge and skills and contribute towards the development of the technical education sector in India.

1.1 About AICTE Activity Points Program and Activity Summary Sheet

Activity Head	Carried out at	Total Duration Weeks	Performance appraisal/ Maximum points/ Activity	Remarks
Spreading Public Awareness To Rural Place Under "Reduction In Energy Consumption".	Avverahalli	2 weeks (80-90 Hrs)	20	Accomplished
Developing And Managing Efficient Garbage Disposable System: Engaging in "Swachh Bharat".	Gollahalli	2 weeks (80-90 Hrs)	20	Accomplished
Helping Local Schools To Achieve "Good Result And Enhance Their Enrolment In Higher / Technical/ Vocational Education".	Kethohalli	2 weeks (80-90 Hrs)	20	Accomplished
Developing Sustainable "Water Management System".	Kethohalli	2 weeks (80-90 Hrs)	20	Accomplished

CHAPTER 2

2.1 ACTIVITY 1

2.1.1 Spreading Public Awareness To Rural Place Under “Reduction In Energy Consumption”.

Efficient energy use is not just a matter of environmental concern but also one of practical necessity. From small farms to remote villages, reducing energy consumption not only lowers utility bills but also enhances resilience and fosters local economic development

In this introduction, we'll explore several strategies aimed at reducing energy consumption in rural settings, ensuring a more sustainable and prosperous future for all.

1. **Energy-Efficient Infrastructure:** This includes improving insulation in homes, upgrading lighting systems to LED, and modernizing agricultural equipment to be more fuel-efficient.
2. **Renewable Energy Adoption:** Harnessing the abundant natural resources available in rural areas, such as sunlight, wind, and biomass, for renewable energy production can significantly reduce reliance on fossil fuels. Installing solar panels, wind turbines, or small-scale hydroelectric systems can provide clean energy it will also creating local job opportunities.
3. **Community Engagement and Education:** Educating rural residents about energy conservation practices and providing incentives for behavior change can lead to significant reductions in consumption. Community-based initiatives, workshops, and outreach programs can empower individuals and businesses to make informed decisions about energy use.
4. **Sustainable Agriculture Practices:** The agricultural sector is a major energy consumer in rural areas. Implementing sustainable farming practices, such as precision irrigation, no-till farming, and utilizing renewable energy for powering equipment, can lower energy demand while also promoting soil health and biodiversity.
5. **Efficient Transportation Solutions:** Improving transportation infrastructure and promoting alternatives to traditional vehicles, such as carpools, public transit, and electric vehicles, can reduce energy consumption and greenhouse gas emissions in rural areas.
6. **Energy Audits:** Conduct energy audits to identify areas where energy is being wasted and implement solutions accordingly.
7. **Smart Power Strips:** Use smart power strips that automatically shut off power to electronics when they are not in use.

2.1.2 ACTIVITY BREAKUP

The AICTE Activity point program was organized by the Department of Electrical and Electronics Engineering, Don Bosco Institute of Technology from July 10th to July 25th, 2022 At Avverahalli. The students had participated to conduct the following events.

SL. NO	DATE	TIMINGS
1	13/07/2022	Pre-planning, Preliminary Survey (9:00 AM to 5:00 PM)
2	14/07/2022	Feasibility Study, Work responsibilities (9:00 AM to 5:00 PM)
3	15/07/2022	Implementation (9:00 AM to 5:00 PM)
4	18/07/2022	Implementation (9:00 AM to 5:00 PM)
5	19/07/2022	Implementation (9:00 AM to 5:00 PM)
6	20/07/2022	Implementation (9:00 AM to 5:00 PM)
7	21/07/2022	Implementation, Skills learnt (9:00 AM to 5:00 PM)
8	22/07/2022	Implementation, Skills learnt (9:00 AM to 5:00 PM)
9	25/07/2022	Feed Back, Experiences gained (9:00 AM to 5:00 PM)
10	27/07/2022	Feed Back, Experiences gained (9:00 AM to 5:00 PM)

➤ **PRE-PLANNING, PRELIMINARY SURVEY:**

On the first day we started to divide our class into 6 groups to do the work efficiently. And we started to gather information about the program to prepare ourselves. And we appointed group leaders also to coordinate the things with the coordinators. We had to make sure that we should educate the people properly so that they can follow it in a proper way so made the detailed study and prepared ground report and followed it. We planned accordingly so that we can cover all the houses in the village, so we decided which team will go where so that there will no misunderstanding or going to the same place again. Our coordinators provided us some information and helped us to prepare properly.

➤ **FEASIBILITY STUDY, WORK RESPONSIBILITIES:**

On the next day we had gathered all the information that was required for the program, some of us started making play cards and some of us were making pamphlet and we are trying to prepare ourselves to educate the village people about the energy conservation, we gathered all the information regarding the energy conservation so that we can easily make the people to understand the need of energy conservation. We made some pamphlet in local language so that it will be easy for the people to understand it.

We all had our own responsibilities to educate the people for the need of energy conservation and how we have used some methods to conserve the energy. Our main objective was to spread knowledge about the energy conservation. We had girls in all groups to educate this information so that it won't be left out. We prepared some drawings about the energy conservation so that the people can easily understand it just by seeing those drawings and play cards.

To complete all these works we got divided and worked, some of us bought the required materials, some gathered information and some were making play cards, it was a team work to complete the work swiftly and effectively. We also assigned some work by ourselves like which team is going to which part of the village so that there won't be any miscommunication between us.

➤ **IMPLEMENTATION, SKILLS LEARNT, AND EXPERIENCES GAINED:**

Moving on to the next day we went to Avverahalli village. There first we gathered the representatives of that village had a small meeting with them told them about our program, after that we had a small inauguration program where we honored the heads of the village.

After that we got divided into teams and started to create awareness by going to every house in that village, we went door to door and explained them the need of energy conservation and also gave information about the breast cancer in women and gave them the pamphlet we made and also showed them the play cards and the drawings we made to make them understand it clearly and implement that in their day to day life.

By the end of that day our college NSS department installed two solar lights in the village which was going to be a very helpful resource for the people of the village. And we had some sight seeing activity as there was a back water lake to end the day. And on the next we went to the same village to clean the public places in that village so that it will be a hygiene environment for the people to spend their leisure time in a clean environment. During this activity I learned how to work in a team and complete the assigned work fast and efficiently. And I also learned about the lifestyle of those village people. By this we ended that day.

On the next day we went to another village that is Manchanabele village which was comparatively big than Avverahalli village. It had more houses, so we had more houses to complete in a very short period, so we worked efficiently and educated the people there about the energy conservation. But comparatively this village people were bit modern so they already knew some ways but still we gave all the information to them so that they can use the electricity efficiently and wisely. As we had to cover more ground, we even got into sub teams to complete it as fast as possible at the same time providing full information without leaving anything in hurry.

2.1.3 Photo Gallery



Gathering At College To Move For Camp Spot

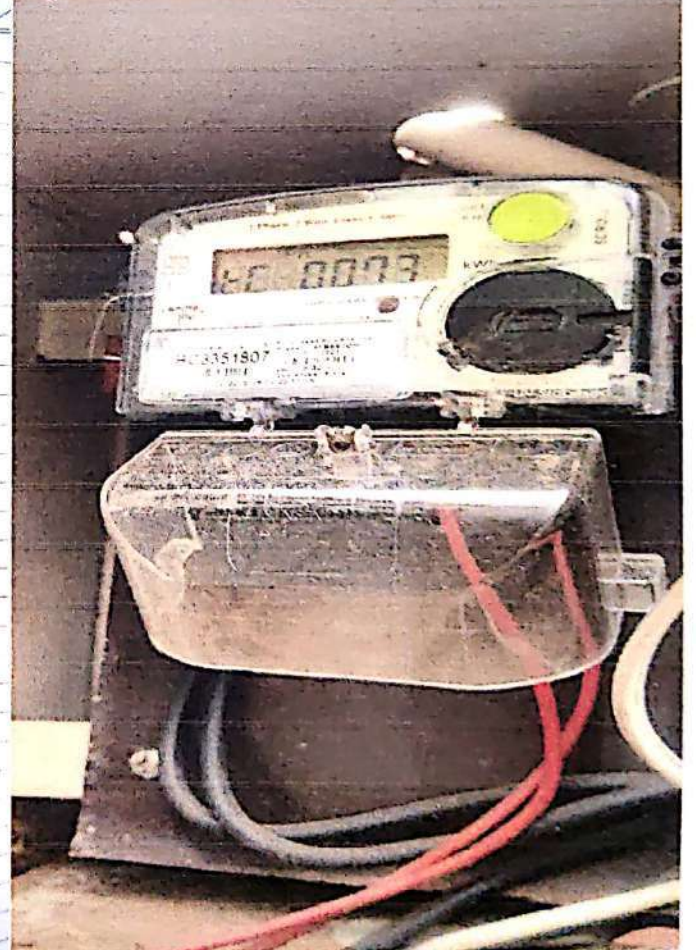


Ply Card And Drawing



Name	Mobile No	Co. NO of bills
Jayalakshmi	5220223	LED - 4 LED tubelight - 2 fan - 1 fridge - 1 D Gandle - 1

MAGADI	
Magadi	5130401
MR	
MCL41515	
5220223	
NARASAMMA W/O GOVINDAIAH	
AVVERAHALLI	
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168.00	
17 12 2022	



2.2 ACTIVITY 2

2.2.1 DEVELOPING AND MANAGING EFFICIENT GARBAGE DISPOSABLE SYSTEM: ENGAGING IN "SWACHH BHARAT".

India is a developing nation and development does not just mean developing economically. It is defined by the overall development of a country and its countrymen. A country will be called developed only when its countrymen have good wealth as well as good health and this can only be achieved by personal practice. It is possible that you have attained higher education or own a multinational company, but even if your nation has not developed from any other point of view, you will not be called developed because your country is your identity. We can say that our country is still illiterate in terms of cleanliness, and it is our duty to contribute and make people aware because not a single government campaign will be successful unless the members of the country contribute. In this sequence, our Prime minister Mr. Narendra Modi started a cleanliness program naming Swachh Bharat Abhiyan.

- ❖ **Cleanliness Drives:** Organize regular cleanliness drives where college students and community members collaborate to clean public spaces, fostering a sense of hygiene and cleanliness among residents in rural areas.
- ❖ **Awareness Campaigns:** Conduct campaigns to educate rural communities on the significance of cleanliness, waste management, and sanitation. Utilize posters, banners, and pamphlets to convey key messages, while engaging in direct conversations to address community questions and concerns.
- ❖ **Door-to-Door Campaign:** Visit rural households to raise awareness about the Swachh Bharat initiative, engaging residents in one-on-one conversations. Explain the benefits of cleanliness and proper waste disposal, distribute informative materials, and provide practical tips for maintaining cleanliness and hygiene.

2.2.2 ACTIVITY BREAKUPS

The AICTE Activity point program was organized by the Department of Electrical and Electronics Engineering, Don Bosco Institute of Technology from April 8th to July 22th, 2023 At Gollahalli. The students had participated to conduct the following events.

No. Days	DATE	TIMINGS
1	8/04/2023	Pre-Planning, Preliminary Survey (9:00 AM to 5:00 PM)
2	10/04/2023	Feasibility Study, Work Responsibilities (9:00 AM to 5:00 PM)
3	11/04/2023	Cleaning (9:00 AM to 5:00 PM)
4	12/04/2023	Cleaning (9:00 AM to 5:00 PM)
5	13/04/2023	Cleaning (9:00 AM to 5:00 PM)
6	17/04/2023	Educating About Plastic Management (9:00 AM to 5:00 PM)
7	18/04/2023	Educating About Plastic Management (9:00 AM to 5:00 PM)
8	19/04/2023	Educating About Plastic Management (9:00 AM to 5:00 PM)
9	20/04/2023	Feed Back, Experiences gained (9:00 AM to 5:00 PM)
10	22/04/2023	Feed Back, Experiences gained (9:00 AM to 5:00 PM)

➤ **PRE-PLANNING/PRELIMINARY SURVEY/FEASIBILITY STUDY**

A feasibility study is an integral component in the planning and execution of a project or plan, offering a comprehensive understanding of its viability and potential challenges. This systematic investigation helps in identifying and addressing possible issues that may arise during the implementation phase. It plays a crucial role in decision-making by considering all relevant factors that could impact the success of the project.

In the context of the AICTE Activity Point Program organized by the Department of Electrical and Electronics Engineering at Don Bosco Institute of Technology, the commitment to thorough preparation is evident. The preliminary survey conducted by faculties and guides demonstrates a proactive approach to understanding the specific needs and challenges of the chosen project, which was centered on "Swachh Bharat".

The dissemination of information to students about their daily activities through a well structured program flow indicates meticulous planning. This not only ensures that participants are well-prepared but also sets the stage for a smooth execution of the planned activities in the village of Gollahalli.

➤ **Work Responsibilities**

The primary objective of the "Swachh Bharat mission" activity program is to monitor and organize the area around Gollahalli. The Village's Road as well as the school, temples, and various other public areas were included in the cleaning area.

The following is a list of goals:

- Eradication of Manual Scavenging.
- Modern and Scientific Municipal Solid Waste Management.
- To effect behavioral change regarding healthy sanitation practices.
- To make people involved in social activity.
- Create awareness about sanitation and its linkage with public health.
- Awareness about Construction of individual, cluster and community toilets.
- Public awareness about the drawbacks of open defecation and promotion of latrine use.
- Proper, dedicated ground staff will be recruited to bring about behavioral change and promotion of latrine use.

➤ INTRODUCTORY SPEECH AND INAUGURATION

The entire day's session on the first day of our program was devoted to discussing the Inauguration. The Principal and HOD of our college inaugurated the program. We all started our activity at that point and prepared to carry out our plan. There was a coordinator appointed to each group, and each group had its own set of tasks. Then, in order to assess the situation and determine whether the necessary tools and equipment were readily available, we all went on a survey of the village.

➤ Door to Door Visit

Implementing a door-to-door awareness campaign in Gollahalli, the Water Conservation Initiative aimed to directly engage with residents, fostering a more personalized understanding of the importance of water conservation. Teams of volunteers visited households, sharing insights on responsible water usage and providing practical tips for conservation. During these visits, informational pamphlets were distributed, and conversations were initiated to address specific water-related concerns within the community. Volunteers emphasized the significance of small changes in daily routines that could collectively contribute to a more sustainable water future for Gollahalli.

The door-to-door awareness program also included discussions on the efficient use of household water, the importance of fixing leaks, and the benefits of rainwater harvesting. By directly involving residents in the dialogue about water conservation, the initiative sought to create a sense of ownership and inspire collective action toward sustainable water practices in Gollahalli.

2.2.3 PHOTO GALLERY





2.3 ACTIVITY 3

2.3.1 Helping Local Schools To Achieve “Good Result And Enhance Their Enrolment In Higher / Technical/ Vocational Education”.

Education is the top priority of nations across the world. Initiatives to help children attend school and improve the quality of education can change the scenario of growth and prosperity. Making Small Changes Can Lead to Large Results.

In effective schools, especially at the high school level, students can build long lasting relationships among their peers and educators. They learn and grow together. They can discover their passions and take classes that suit their interests. They have a chance to grow, boost their talents, focus on career, choices, shadow industries, have access to career guides and mentors, problem-solve, learn question, debate, and discuss critical topics. They also learn how to work together and independently-while developing essential social and emotional skills.

Finally, an effective school sees each student as a whole child and emphasizes positive developmental growth without the worry of constant grades and testing. All these experiences listed above help young adults become engaged and active citizens and contributes to the world in meaningful ways.

2.3.2 Activity Breakups

The AICTE Activity point program was organized by the Department of Information Science Engineering, Don Bosco Institute of Technology from December 20th to January 4th, 2024. The students had participated to conduct the following events.

SLNO	DATE	TIMINGS
1	20/12/2023	Spoken English Training (9:00 AM to 5:00 PM)
2	21/12/2023	Spoken English Training (9:00 AM to 1:00 PM)
3	23/12/2023	Spoken English Training (9:00 AM to 5:00 PM)
4	27/12/2023	Spoken English Training (9:00 AM to 5:00 PM)
5	30/12/2023	Spoken English Training (9:00 AM to 5:00 PM)
6	31/12/2023	General Knowledge Quiz (9:00 AM to 1:00 PM)
7	01/01/2024	Awareness on Safety Measures (9:00 AM to 5:00 PM)
8	02/01/2024	Awareness on Computer and its Uses (9:00 AM to 5:00 PM)
9	03/01/2024	Awareness on Microsoft Word for Students (9:00 AM to 5:00 PM)
10	04/01/2024	Awareness on Microsoft Excel for Students (9:00 AM to 1:00 PM)

➤ PRE-PLANNING, PRELIMINARY SURVEY

The first day we started to divide our class into 6 groups to do the work efficiently. And we started to gather information about the program to prepare ourselves. And we appointed group leaders also to coordinate the things with the coordinators. We had to make sure that we should educate the students properly so that they can follow it in a proper way so we made the detailed study and prepared ground report and followed it. We planned accordingly so that we can cover all the classes in the school, so we decided which team will go where so that there will no misunderstanding or going to the same class again. Our coordinators provided us some information and helped us to prepare properly.

➤ FEASIBILITY STUDY, WORK RESPONSIBILITIES

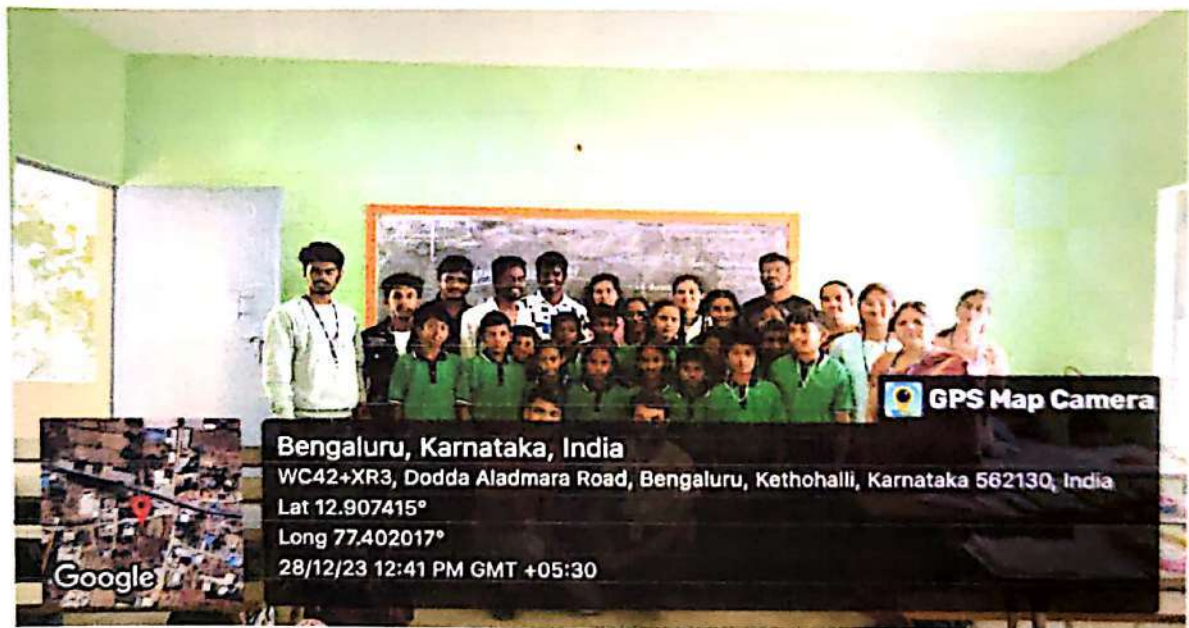
We had gathered all the information that was required for the program, some of us started making play cards and some of us were making pamphlet and we are trying to prepare ourselves to educate the students about the energy conservation, we gathered all the information regarding the energy conservation so that we can easily make the students to understand the need of energy conservation. We made some pamphlet in local language so that it will be easy for the students to understand it. We all had our own responsibilities to educate the students for the need of energy conservation and how we have used some methods to conserve the energy.

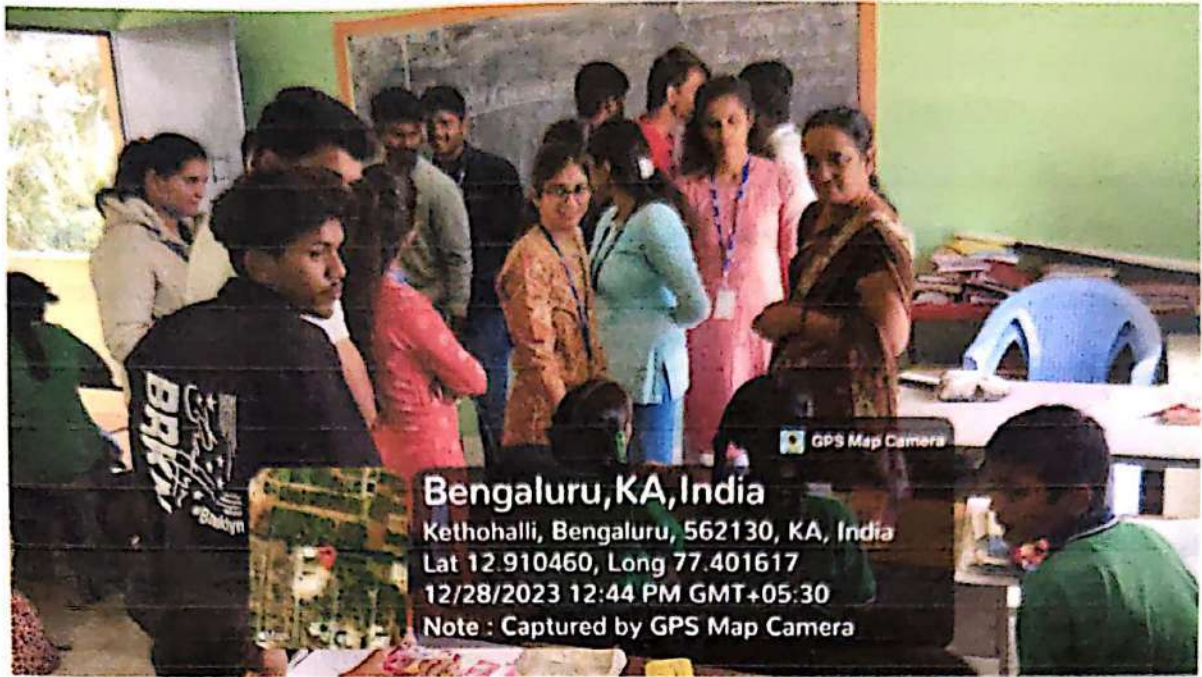
Our main objective was to spread knowledge on resource conservation. We had girls in all groups to educate this information so that it won't be left out. We prepared some drawings about the energy conservation so that the students can easily understand it just by seeing those drawings and play cards. To complete all these works we got divided and worked, some of us bought the required materials, some gathered information and some were making play cards, it was a team work to complete the work swiftly and effectively. We also assigned some work by ourselves like which team is going to which part of the village so that there won't be any miscommunication between us.

➤ INTRODUCTORY SPEECH AND INAUGURATION

The entire day's session on the first day of our program was devoted to discussing the Inauguration. The Principal and HOD of our college inaugurated the program. We all started our activity at that point and prepared to carry out our plan. There was a coordinator appointed to each group, and each group had its own set of tasks. Then, in order to assess the situation and determine whether the necessary tools and equipment were readily available, we all went on a survey of the village.

2.3.3 PHOTO GALLERY





2.3.4 ACTIVITY 4

2.4.1 DEVELOPING SUSTAINABLE "WATER MANAGEMENT SYSTEM".

Water is one of our most precious resources, essential for sustaining life, supporting ecosystems, and driving economic activities. However, as populations grow and climate change impacts become more pronounced, the need for effective water management has never been greater. A comprehensive water management system is crucial for ensuring the sustainable use of water resources, mitigating the risk of scarcity, and safeguarding both human well-being and environmental health.

- **Understanding Water Management:** At its core, water management involves the careful planning, allocation, and utilization of water resources to meet various needs while balancing environmental, social, and economic considerations. This encompasses everything from sourcing and treating water for domestic use to regulating its use in agriculture, industry, and energy production.
- **Challenges and Pressing Issues:** Rapid urbanization, population growth, pollution, and climate change are placing unprecedented pressure on water supplies worldwide. In many regions, water scarcity, deteriorating water quality, and inadequate infrastructure pose significant challenges to sustainable water management. Addressing these issues requires innovative solutions and a holistic approach that integrates technology, policy, and community engagement.
- **Importance of Efficient Water Use:** Efficient water use is essential for maximizing the benefits derived from limited water resources. This involves minimizing waste, optimizing irrigation practices in agriculture, investing in water-efficient technologies, and promoting water conservation behaviors among individuals and businesses.

2.4.2 ACTIVITY BREAKUP

The AICTE Activity point program was organized by the Department of Information Science Engineering, Don Bosco Institute of Technology from April 5th to April 19th, 2024. The students had participated to conduct the following events.

No. Days	DATE	TIMINGS
1	05/04/2024	Pre-Planning, Preliminary Survey (9:00 AM to 5:00 PM)
2	06/04/2024	Feasibility Study, Work Responsibilities (9:00 AM to 5:00 PM)
3	07/04/2024	Cleaning (9:00 AM to 5:00 PM)
4	08/04/2024	Cleaning (9:00 AM to 5:00 PM)
5	12/04/2024	Cleaning (9:00 AM to 5:00 PM)
6	13/04/2024	Educating About Plastic Management (9:00 AM to 5:00 PM)
7	15/04/2024	Educating About Plastic Management (9:00 AM to 5:00 PM)
8	16/04/2024	Educating About Plastic Management (9:00 AM to 5:00 PM)
9	18/04/2024	Feed Back, Experiences gained (9:00 AM to 5:00 PM)
10	19/04/2024	Feed Back, Experiences gained (9:00 AM to 5:00 PM)

➤ PRE-PLANNING/PRELIMINARY SURVEY/FEASIBILITY STUDY

A feasibility study is a pivotal component in the planning and execution of a project, providing a comprehensive evaluation of its viability and potential challenges. This systematic investigation aids in the identification and resolution of potential issues that may arise during the implementation phase, playing a crucial role in decision-making by considering all relevant factors impacting the success of the project.

➤ WORK RESPONSIBILITIES

The primary objective of the Water Conservation activity program is to monitor and organize the area around Kethohalli. The focus will extend to the village's water sources, including natural bodies, and relevant infrastructure like wells, ponds, and other public areas that play a crucial role in water conservation.

The following is a list of goals for the Water Conservation initiative:

- Preservation of Water Sources: Implement measures to preserve and safeguard natural water sources within and around Kethohalli.
- Sustainable Water Management: Promote modern and scientific methods for sustainable water management, ensuring the efficient use and conservation of water resources.
- Behavioral Change for Water Conservation: Effect behavioral change regarding responsible water usage and conservation practices among the community.
- Community Engagement: Encourage active community involvement in water conservation efforts, fostering a sense of responsibility and ownership.
- Awareness Campaigns: Create awareness about the importance of water conservation and its direct linkage with public health and the overall well-being of the community.
- Infrastructure Development: Raise awareness about the construction of rainwater harvesting systems, check dams, and other infrastructure for effective water conservation.

The Water Conservation Awareness Program held at the government school in Kethohalli was a significant initiative to raise awareness about responsible water usage within the community. The program aimed to educate students and local residents about the importance of water conservation, emphasizing sustainable practices to ensure the efficient use of this precious resource. Various awareness activities, including informative sessions, interactive workshops, and the distribution of educational materials, were conducted to impart knowledge and foster a sense of responsibility towards water conservation. By engaging with the students and the community, the program sought to instill a long-lasting commitment to water conservation practices, contributing to the overall

sustainability and well-being of Kethohalli.

To enhance engagement, hands-on activities such as water-saving demonstrations, planting drought-resistant plants, and creating visual displays were organized. The program also incorporated the distribution of pamphlets, posters, and other educational materials to reinforce key messages and encourage the adoption of water-efficient behaviors.

Highlighting the vital connection between water conservation and environmental health, the program aimed to empower individuals with the knowledge and tools to make a positive impact. By fostering a sense of collective responsibility, the initiative sought to create a ripple effect within Kethohalli, inspiring a community-wide commitment to sustainable water management practices for the benefit of current and future generations.

➤ INTRODUCTORY SPEECH AND INAUGURATION

The entire day's session on the first day of our program was devoted to discussing the Inauguration. The Principal and HOD of our college inaugurated the program. We all started our activity at that point and prepared to carry out our plan. There was a coordinator appointed to each group, and each group had its own set of tasks. Then, in order to assess the situation and determine whether the necessary tools and equipment were readily available, we all went on a survey of the village.

➤ DOOR TO DOOR VISIT

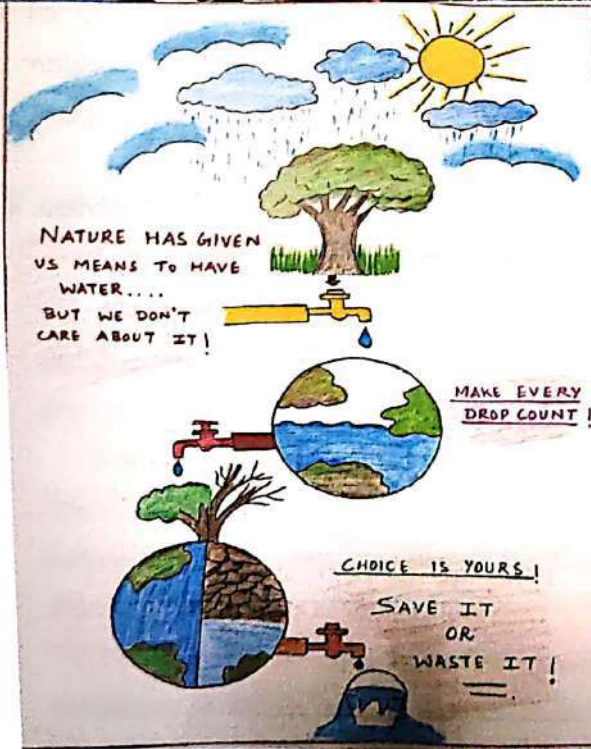
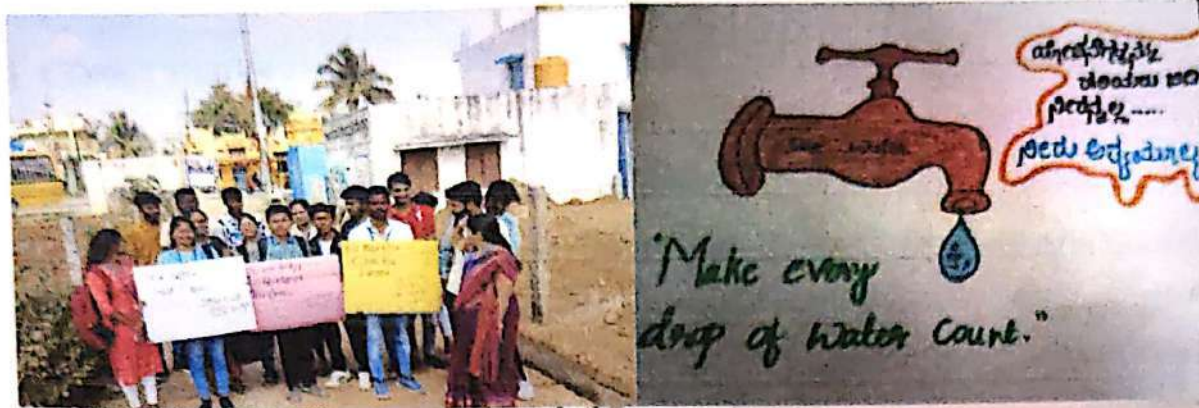
Implementing a door-to-door awareness campaign in Kethohalli, the Water Conservation Initiative aimed to directly engage with residents, fostering a more personalized understanding of the importance of water conservation. Teams of volunteers visited households, sharing insights on responsible water usage and providing practical tips for conservation.

During these visits, informational pamphlets were distributed, and conversations were initiated to address specific water-related concerns within the community. Volunteers emphasized the significance of small changes in daily routines that could collectively contribute to a more sustainable water future for Kethohalli.

The door-to-door awareness program also included discussions on the efficient use of household water, the importance of fixing leaks, and the benefits of rainwater harvesting. By directly involving residents in the dialogue about water conservation, the initiative sought to create a sense of ownership and inspire collective action toward sustainable water practices in Kethohalli.

2.4.3 PHOTO GALLERY





CHAPTER THREE

3.1 CONCLUSION

➤ Activity 1:

A sincere thanks to Visvesvaraya Technological University, Belagavi, Department of Electrical and Electronics Engineering, Don Bosco Institute of Technology for the opportunity, encouragement, and support. A special thanks to the Management and the People of the Gollahalli gram panchayat for their valuable support throughout the program.

Spreading public awareness about reducing energy consumption in rural areas, such as Averahalli, is paramount for promoting sustainability, minimizing environmental impact, and improving community resilience. By educating residents about the importance of energy conservation and implementing practical strategies, significant strides can be made towards a more sustainable future.

Efforts to raise awareness can focus on simple yet effective measures, including energy-efficient practices in households, such as using energy-saving appliances, optimizing heating and cooling systems, and adopting renewable energy sources where feasible. Additionally, promoting behavior change through education campaigns, workshops, and community events can empower residents to make informed choices about their energy usage.

In Averahalli, harnessing the power of community engagement and collaboration is essential for driving sustainable energy initiatives forward. By involving local stakeholders, including residents, businesses, schools, and government agencies, collective action can be taken to address energy challenges and implement innovative solutions.

➤ Activity 2:

A sincere thanks to Visvesvaraya Technological University, Belagavi, Department of Electrical and Electronics Engineering, Don Bosco Institute of Technology for the opportunity, encouragement, and support. A special thanks to the Management and the People of the Kethohalli gram panchayat for their valuable support throughout the program.

Gollahalli's contribution to the national-level initiative of the Government of India, "Swachh Bharat," reflects a commitment to cleanliness, hygiene, and community well-being. By actively participating in this initiative, Gollahalli has made significant strides towards achieving the goals of a clean and sustainable environment.

Through various activities such as cleanliness drives, waste segregation, and awareness campaigns, Gollahalli has fostered a culture of cleanliness and civic responsibility among its residents. By mobilizing community members, local leaders, and organizations, Gollahalli has

successfully implemented initiatives aimed at improving sanitation infrastructure, promoting waste management practices, and maintaining cleanliness in public spaces.

➤ **Activity 3:**

A sincere thanks to Visvesvaraya Technological University, Belagavi, Department of Electrical and Electronics Engineering, Don Bosco Institute of Technology for the opportunity, encouragement, and support. A special thanks to the Management and the People of the Kethohalli gram panchayat for their valuable support throughout the program.

Kethohalli's efforts in helping local schools achieve good results and enhance their enrollment in higher, technical, and vocational education demonstrate a commitment to empowering the youth and fostering educational excellence within the community. By collaborating with schools, educators, parents, and relevant stakeholders, Kethohalli has undertaken various initiatives aimed at improving academic performance, providing career guidance, and expanding opportunities for further education.

Through targeted interventions such as tutoring programs, mentoring sessions, and educational workshops, Kethohalli has supported students in achieving better academic outcomes and preparing them for future endeavors. Additionally, by promoting awareness about higher education options, vocational training programs, and skill development initiatives, Kethohalli has encouraged students to pursue diverse educational pathways aligned with their interests and aspirations.

Furthermore, Kethohalli's efforts have not only contributed to academic success but also enhanced the overall quality of education and learning experiences for students. By investing in infrastructure development, educational resources, and extracurricular activities, Kethohalli has created a conducive environment for holistic growth and development.

➤ **Activity 4:**

A sincere thanks to Visvesvaraya Technological University, Belagavi, Department of Electrical and Electronics Engineering, Don Bosco Institute of Technology for the opportunity, encouragement, and support. A special thanks to the Management and the People of the Kethohalli gram panchayat for their valuable support throughout the program.

The development of a sustainable water management system in Kethohalli signifies a crucial step towards ensuring access to clean and reliable water resources for present and future generations. Through comprehensive planning, community engagement, and innovative solutions, Kethohalli has made significant progress in addressing water-related challenges and promoting long-term sustainability.

By implementing strategies such as rainwater harvesting, groundwater recharge, wastewater treatment, and efficient irrigation practices, Kethohalli has optimized water usage, reduced

dependency on external sources, and mitigated the risk of water scarcity. Moreover, through public awareness campaigns, educational programs, and stakeholder collaboration, Kethohalli has fostered a culture of water conservation and responsible usage among residents.



Don Bosco Institute of Technology

(NAAC Accredited Institution)

Department of Electrical & Electronics Engineering

(Accredited by NBA)



Attendance for AICTE Activity Point on 28-12-2023

7th Sem

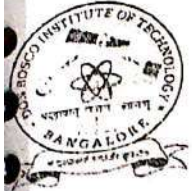
Sl.No	USN	Name of Student	Signature
1	1DB20EE001	ABHISHEK M	<i>Abhishek M</i>
2	1DB20EE002	B S JAYANTH GOWDA	<i>B S Jayanth Gowda</i>
3	1DB20EE003	BHARATH S P	<i>Bharath S P</i>
4	1DB20EE005	KESHAVA MURTHY K S	<i>Keshava Murthy K S</i>
5	1DB20EE006	POOJA K M	<i>Pooja K M</i>
6	1DB20EE007	SHRIVIDYA KULKARNI	<i>Shrividya Kulkarni</i>
7	1DB20EE008	SRINIVAS N	<i>Srinivas N</i>
8	1DB20EE010	VARSHINI C	<i>Varshini C</i>
9	1DB21EE400	ARAVINDARAJU A N	<i>Aravindaraju A N</i>
10	1DB21EE401	CHANDRASHEKAR C N	<i>Chandrashekar C N</i>
11	1DB21EE402	DHEENADAYALAN.K	<i>Dheena</i>
12	1DB21EE403	HARSHITHA C S	<i>Harshitha C S</i>
13	1DB21EE404	JAYASHREE D	<i>Jayashree D</i>
14	1DB21EE405	KARTHIK SWAMY HIREMATH	<i>Karthik Swamy Hiremath</i>
15	1DB21EE406	LALITH KUMAR B	<i>Lalith Kumar B</i>
16	1DB21EE407	MOHAN GOWDA B K	<i>Mohan Gowda B K</i>
17	1DB21EE409	SWAPNA V PASMEL	<i>Swapna V Pasmel</i>
18	1DB21EE410	AKASH S	<i>Akash S</i>

[Signature]
HOD-EEE

27/12/2023

Head of the Department
Dept. of Electrical & Electronics Engg.
Don Bosco Institute of Technology
Kumbalaguda, Bangalore - 560 074





Don Bosco Institute of Technology



Kumbalagodu, Mysore Road, Bengaluru – 560 074

(NBA & NAAC Accredited Institution)

DEPARTMENT OF CIVIL ENGINEERING

Accredited By NBA

To,
The Principal,
BIT,
Kumbalagodu,
Bengaluru-560074

Respected Sir,

Subject: Permission for conducting AICTE Activity on “Waste Management and Water Conservation Awareness” for 7th semester CIVIL, EEE & MECHANICAL Students at Ramohalli Village.

With respect to the above subject, I wish to bring to your kind notice that, Departments of Civil Engineering in collaboration with Department of EEE and Mechanical, have planned to conduct AICTE Activity on “Waste Management and Water Conservation Awareness” for Ramohalli Residents on **28-12-2023 (Thursday)** at **Ramohalli Village**. This programme is mandatory to earn AICTE activity points. In this regard, I request you to kindly accord permission and provide transportation for smooth conduction of this awareness campaign. Please oblige and do the needful at the earliest.

Thanking you,

Yours Faithfully

HOD - CV,

21/12/23

Professor B. Vinod
Dept. of Mechanical Engineering
Don Bosco Institute of Technology
Bengaluru - 560 074.

21/12/2023

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560 074



Don Bosco Institute of Technology, Bangalore

(NAAC Accredited Institution)

Department of Electrical and Electronics Engineering

(Accredited by NBA)



Ref: DBIT/EEE/ AICTE Activity/Dec/2023-24/055

Date: 26/12/2023

To,
The PDO/President,
Kumbalagodu Grama Panchayath,
Kumbalagodu, Bangalore-560074

Respected Sir/Madam,

Subject: Permission for conducting "Water Conservation Awareness Program" at Ramohalli Village.

With respect to the above subject, I wish to bring to your kind notice that, Department of Electrical And Electronics Engineering. of **DON BOSCO INSTITUTE OF TECHNOLOGY, Kumbalagodu, Bengaluru-560074**, has planned to conduct "Water Conservation Awareness Program" for Ramohalli Residents on 28-12-2023 (Thursday) **at Ramohalli Village.**

As a part of AICTE Activity points, students create awareness among the Ramohalli Residents about importance of water conservation practices through interaction and a rally followed using plough cards.

This programme is mandatory to earn AICTE activity points. In this regard, I request you to kindly accord permission for smooth conduction of this awareness campaign. Please oblige and do the needful at the

earliest

Thanking you,

Yours Faithfully,

Principal

PRINCIPAL

Don Bosco Institute of Technology
Kumbalagodu
Bangalore

www.dbit.co.in

Kumbalagodu, Mysore Road, Bangalore-560074, Ph: 080-28437028 / 28437029 Fax: 080-28437031





Don Bosco Institute of Technology, Bangalore

(NAAC Accredited Institution)

Department of Electrical and Electronics Engineering
(Accredited by NBA)



Ref: DBIT/EEE/ AICTE Activity/Dec/2023-24/055

Date: 26/12/2023

To,
The Inspector
Kumbalagodu Police Station,
Bangalore-560074

Respected Sir/Madam,

Subject: Intimation for conducting "Water Conservation Awareness Program" at Ramohalli Village.

With respect to the above subject, I wish to bring to your kind notice that, Department of Electrical and Electronics Engineering, of **DON BOSCO INSTITUTE OF TECHNOLOGY, Kumbalagodu, Bengaluru-560074**, has planned to conduct "Water Conservation Awareness" program for Ramohalli Residents on 28-12-2023 (Thursday) at **Ramohalli Village**.

As a part of AICTE Activity points, students create awareness among the Ramohalli Residents about importance of water conservation practices through interaction and our students use Placards and Boards to showcase the same.

This program is mandatory to earn AICTE activity points. In this regard, I request you to kindly accord this intimation for smooth conduction of this awareness campaign. Please oblige and do the needful at the earliest.

Thanking you,

Yours Faithfully,

Brona Sabharwal
Principal 28/12/23

PRINCIPAL

Don Bosco Institute of Technology
Kumbalagodu, Mysore Road,
Bangalore - 560 074.

28/12/23

K9D

www.dbit.co.in

Kumbalagodu, Mysore Road, Bengaluru-560074. Ph: 080-28437028 / 29 / 30. Fax: 080-28437031



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DON BOSCO INSTITUTE OF TECHNOLOGY
Kumbalguda, Mysuru Road, Bengaluru-74, Karnataka



**REPORT
ON**

**"AI-DRIVEN ROBOTICS PROCESS AUTOMATION DESIGN &
DEVELOPMENT (RPA) USING UiPATH"**

Organized by:

Department of Information Science & Engineering

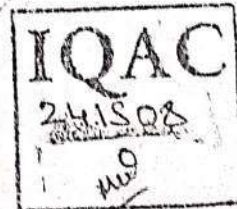
Coordinated by

**Dr. GOWRAMMA G S,
PROFESSOR,
PROGRAMME COORDINATOR**

**Dr. SHANKAR GOWDA,
ASSOCIATE PROFESSOR
PROGRAMME Co- Coordinator**

DON BOSCO INSTITUTE OF TECHNOLOGY
22/01/2024 to 27/01/2024

2023-2024



Authentication Page

A REPORT ON

"AI-DRIVEN ROBOTICS PROCESS AUTOMATION DESIGN & DEVELOPMENT (RPA) USING UYPATH"

Organized by: Department of Information Science & Engineering.

Coordinated By:
Dr. Gowramma G S,
Professor, Programme Coordinator
Dr. Shankar Gowda,
Associate Professor, Programme Co- Coordinator

Department of ISE, Don Bosco Institute of Technology, Bengaluru

Held at Venue: Seminar Hall, Department of ISE,
Don Bosco Institute of Technology, Bangalore

During: 22ND JANUARY 2024

Academic Year: 2023-2024

Signature of the Coordinator with date:

1. Dr. GOWRAMMA G S

Gowramma

2. Dr. SHANKAR GOWDA,

Shankar

Signature of the HOD with date:

B. K. Raj 5.2.2024

Signature of the Head-IQAC with date:

M. K. S.
5/2/2024
Director - IQAC

Don Bosco Institute of Technology
Mysore Road, Kumbalagodu
Bengaluru-560 074

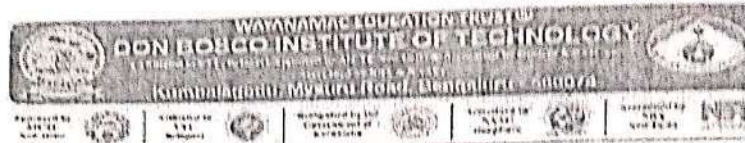
Signature of the Principal with date:

B. Nagabhushee

PRINCIPAL

Don Bosco Institute of Technology
Kumbalagodu, Mysore Road,
Bangalore - 560 074

ATAL FDP AIRPA- INAUGURATION INVITATION



**DEPARTMENT OF INFORMATION SCIENCE
& ENGINEERING**

In Association with



PRESENTS

INAUGURATION OF

ATAL Academy Sponsored One Week Faculty Development Program

ON

AI-DRIVEN ROBOTIC PROCESS AUTOMATION (RPA) DESIGN & DEVELOPMENT USING UIPATH

Date : 22nd Jan 2024 | Time : 09:30 am



Mr. ISMAIL NAANOOR
Director
ISBsoft Technology Services LLP,
Bangalore.



Mr. GANESH BHAT
RPA senior consultant
ISBsoft Technology Services LLP,
Bangalore.

Speakers

Dr. B. Dylipra
Professor, IIT

Dr. B. Manjunath
Executive Director, IIT

Dr. Hrishav Hylappa
Assistant, IIT

Dr. B. S. Srinivasan
Professor, IIT

Dr. B. K. Hrishavendra
IIT, IIT

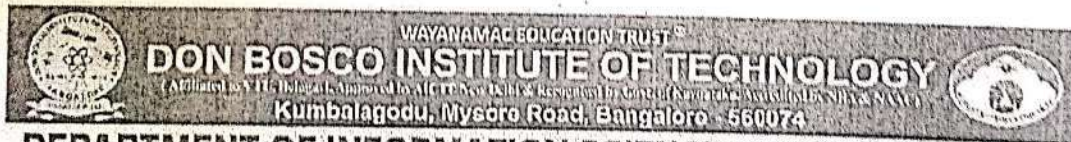
Dr. Manjunath S
Professor, IIT

Dr. Shrinika Gupta S R
Assistant, IIT, IIT

Venue: ISE Seminar Hall, IIT



ATAL FDP AIRPA - BANNER



DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

In Association with



ORGANIZES

**AICTE Training and Learning (ATAL) Academy Sponsored One Week
Faculty Development Program (FDP)**

ON

**AI-DRIVEN ROBOTIC PROCESS AUTOMATION (RPA) DESIGN &
DEVELOPMENT USING UIPATH**

Date : 22nd to 27th Jan 2024

Time : 9:30 AM - 5:30 PM

Venue : ISE Seminar Hall

ATAL FDP AIRPA - BROCHURE

ABOUT THE INSTITUTION

Don Bosco Institute of Technology (DBIT) was established in 2001 as a part of Wawasan Education Trust that provides quality education in Engineering, Technology and Management studies. Presently, DBIT offers Under Graduate (UG) programs in eight streams that include Computer Science and Engineering, Information Science and Engineering, Electronics & Communication Engineering, Electrical & Computer Engineering, Civil Engineering, Mechanical Engineering, Artificial Intelligence & Machine Learning, Artificial Intelligence & Data Science besides the Post Graduate (PG) program in Management studies. Eight streams of Business Administration, Ten departments including basic science departments have Research Centres that offer PhD programs. All UG, PG and Research programs (PhD) are affiliated to Visvesvaraya Technological University, Belagavi. All eligible UG programs of DBIT are accredited by NBA and the institution is NAAC A++-graded. The quality of education at the institution level is governed by IQAC (Internal Quality Assurance Cell) whose process framework pertains to the constituent departments in a graceful manner so as to enable build quality into the system from the grass root level.

ABOUT THE DEPARTMENT

The Department of Information Science and Engineering, Don Bosco Institute of Technology, Bangalore was established in the year 2001 with an intake of 60 students which was later increased to 100 in the year 2018. The programme has been accredited by National Board of Accreditation (NBA), New Delhi. DBIT is permanently affiliated to Visvesvaraya Technological University (VTU), Belagavi and Karnataka.

The department has state-of-art infrastructure in terms of well-equipped laboratories and library for staff and students. It has qualified and experienced teaching faculty. The department has got excellent ambience for research in diversified areas. The department has got a wide technical spectrum through the Centre of Excellence, Innovation Lab, Industry tie-ups, collaboration and MOUs.

CHIEF PATRON:

Shri. B. Nylappa - President
Shri. P. S. Mahalingam - Vice President
Shri. Raghav Nylappa - Secretary
Wawasan Education Trust, Bangalore

PATRON:

Dr. Nageshchandra R. S. Principal

CONVENER:

Dr. P. K. Raghavendra, Professor & Head,
Dept. of ISE

CO-CONVENER:

Dr. Gowramma G. S., Professor, Dept. of ISE
Email: govrbhasa@dbit.ac.in
govrbhasa@db@gmail.com
Mobile: +91 9902001202

CO-ORDINATOR:

Dr. Shankar Gowda S R
Email: shankargowdas@gmail.com
Mobile: +91 90604 01303

ORGANIZING COMMITTEE:

Dr. Rajashekar M Patil
Dr. Basavaraj G M
Dr. Basavaraj Neelgar
Dr. R. Shivakumar
Mr. Emmanuel M Raj
Mr. U Channabasava
Dr. Santhosh Kumar S
Mrs. Yashodara R.
Mrs. Deepika A B
Mrs. Divyashree G

AICTE Training and Learning (ATAL) Academy Sponsored One Week Faculty Development Program (FDP) on

"AI-DRIVEN ROBOTIC PROCESS AUTOMATION (RPA) DESIGN & DEVELOPMENT USING UIPATH"

22.01.2024 to 27.01.2024

Organized by



Department of Information Science & Engineering
Don Bosco Institute of Technology
Mysore Road, Kumbhalaguda, Bangalore
Karnataka - 560 074
www.dbit.ac.in
in collaboration with
TechTrunk Ventures Pvt Ltd, Hyderabad

techtrunk

in association with

AICTE Training and Learning (ATAL)



AICTE Training and Learning (ATAL) Academy Sponsored One Week Faculty Development Program (FDP) on

"AI-DRIVEN ROBOTIC PROCESS AUTOMATION (RPA) DESIGN & DEVELOPMENT USING UIPATH"

22.01.2024 to 27.01.2024



ABOUT THE PROGRAMME

This Faculty Development Program (FDP) aims to equip Teachers with skill and technology awareness of AI-driven Robotic Process Automation (RPA). It also helps in healthy collaboration between Industry experts and faculties to further enhance innovation in the latest Technology. The FDP on RPA Design & Development offers comprehensive knowledge and professional-level skills focused on developing and deploying software robots. The FDP assumes no prior knowledge of RPA. It starts with the basic concepts of RPA. It further builds on these concepts and introduces essential RPA Design and Development strategies and methodologies specified in the context of UiPath products.

KEY HIGHLIGHTS:

Interactive Workshops: Participants will engage in hands-on workshops, utilizing industry-standard tools and software to implement AI-Driven RPA.

Expert Sessions: Renowned experts from academia and industry will deliver insightful sessions, sharing their experiences and expertise on applying AI-driven Robotic Process Automation.

A candidate undergoing the FDP shall develop the components to design and develop a robot for a defined process. The course also prepares the candidate for UiPath RPA Associate v1.0 Exam.

REGISTRATION FEE:

No fee will be charged to faculty members working in AICTE approved institutions.

OBJECTIVES OF THE PROGRAM

- To equip educators with foundational knowledge and practical skills in AI and RPA.
- To introduce cutting-edge AI and Robotic Process Automation concepts, algorithms, and tools for addressing challenges.
- To provide hands-on exposure enabling participants to apply AI-RPA techniques to real-world issues.
- To foster a collaborative environment for educators to share insights, experiences, and best practices in integrating AI-RPA into teaching and research.
- To discuss 2-3 articles on AI-RPA related journals.
- A visit to Industry to enhance interpersonal skills and is a great platform for networking.

WHO SHOULD ATTEND?

Registration is open to faculty members of the AICTE approved institutions, research scholars, PG scholars and participants from Industry.

SELECTION PROCESS

Participants are limited to a maximum of 50 on first-come-first-serve basis and selected candidates will be intimated through email.

REGISTRATION LINK

Participants are required to register online using the link <https://atalacademy.com/india/atalrpa>

Certificate will be issued to those participants who attend the program with 80% attendance & continuous Comprehensive Assessment to receive

RESOURCE PERSONS IDENTIFIED

- Dr. Gowramma G S Professor, Department of ISE, Don Bosco Institute of Technology, Bangalore.
- Mr. Ameer Basheer P, CEO of Learning Techno Solutions (LTS) Pvt LTD, Bangalore.
- Mr. Ismail Nagnoor, Director, ISESoft Technology Services LLP, Bangalore.
- Mr. Ganesh Bhatt, RPA Senior Consultant, ISESoft Technology Services LLP, Bangalore.
- Mr. Swaraj, Software Engineer, Entomo, Bangalore.

Topics to be covered

- UiPath Fundamentals
- Exception Handling and Error Management
- Advanced UiPath Techniques
- Introduction to AI-Driven RPA
- Data Preparation for AI Integration in UiPath
- AI Technologies for RPA
- AI Model Selection and Development using AI Centre
- Integrating AI with UiPath
- Testing and Validation
- Use Case Studies & Future Trends in AI-RPA



Don Bosco Institute of Technology, Bangalore
(NBA, AICTE & NAAC Accredited Institution)
NATIONAL SERVICE SCHEME



DBIT/NSS/2023-24/003

29/04/2024

To,
The Principal,
DBIT, Bengaluru – 560074

Respected Sir,


Sub: Reg. permission to organise Blood Donation Camp in association with Lion's Club, Vijayanagar Dist 317F on 3rd May 2024.


With respect to the above subject, I kindly seek your permission to organize **Blood Donation Camp on 3rd May 2024** in association with Lions Club of Bangalore, Vijanagar Dist 317F. We have been organizing the event to educate and encourage students and staff of our institute regarding the importance of blood donation.

I also request you to grant permission to the NSS Volunteers and NCC Cadets and the NSS/ NCC Faculty coordinators from all the departments to participate in the activity.

Thanking You.

Yours sincerely,


29/04/24
NSS Program Officer
Prof. Sharmila R S
NSS PROGRAMME OFFICER
Don Bosco Institute of Technology
Kumbalagodu, Mysore Road,
Bangalore - 560 074,


Principal
Dr. Nagabhushana B S
PRINCIPAL
Don Bosco Institute of Technology
Kumbalagodu, Mysore Road,
Bangalore - 560 074,



Don Bosco Institute of Technology, Bangalore

(NBA, AICTE & NAAC Accredited Institution)

NATIONAL SERVICE SCHEME



DBIT/NSS/2023-24/003

29/04/2024

To,
The Principal,
DBIT, Bengaluru – 560074

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I also request you to grant permission to the NSS Volunteers and NCC Cadets and the NSS/ NCC Faculty coordinators from all the departments to participate in the activity.

Thanking You.

Yours sincerely,

Sharmila
29/04/24

NSS Program Officer
Prof. Sharmila R S

NSS PROGRAMME OFFICER
Don Bosco Institute of Technology,
Kumbalagodu, Mysore Road,
Bangalore - 560 074.

Dr. Nagabhushana

Principal

Dr. Nagabhushana B S

PRINCIPAL
Don Bosco Institute of Technology
Kumbalagodu, Mysore Road,
Bangalore - 560 074.



Don Bosco Institute of Technology, Bangalore

(NBA, AICTE & NAAC Accredited Institution)

NATIONAL SERVICE SCHEME



DBIT/NSS/2023-24/004

29/04/2024

To,
The Principal
DBIT
Bangalore

Respected Sir,

Sub: - reg. permission to use Seminar Hall 1 for organizing the Blood Donation Camp in association with Lion's Club, Vijayanagar on 3rd May 2024.

With reference to the above-cited subject; on behalf of the NSS Committee, I request you to grant to use **Seminar Hall 1** for organizing the Blood Donation Camp in association with Lion's Club, Vijayanagar on 3rd May 2024 between 9.00 am to 4.30 pm.

Thanking You.

Yours sincerely,

Sharmila R.S.
29/04/24
NSS Program Officer

NSS PROGRAMME OFFICER
Don Bosco Institute of Technology
Kumbalagodu, Mysore Road,
Bangalore - 560 074.

*Forwarded to
TPO for needful.*

Nagabhushana B S

Principal
Dr. Nagabhushana B S

PRINCIPAL
Don Bosco Institute of Technology
Kumbalagodu, Mysore Road,
Bangalore - 560 074.



Don Bosco Institute of Technology, Bangalore
(NBA, AICTE & NAAC Accredited Institution)
NATIONAL SERVICE SCHEME



DBIT/NSS/2023-24/005

29/04/2024

To,
The Principal
DBIT
Bangalore

Respected Sir,

Sub: - reg. permission to avail lunch for the Lion's Club Volunteers and NSS Volunteers during the Blood Donation Camp in association with Lion's Club, Vijayanagar on 3rd May 2024.

With reference to the above-cited subject, on behalf of the NSS Committee, I request you to grant to permission to avail lunch at our canteen for 30 volunteers from Lion's Club and NSS on 3rd May 2024.

Thanking You.

Yours sincerely,

Sharmila
29/04/24

NSS Program Officer

NSS PROGRAMME OFFICER
Don Bosco Institute of Technology
Kumbalagodu, Mysore Road,
Bangalore - 560 074.

To
The canteen etc
please support.
Dr. Nagabhushana
Principal

Dr. Nagabhushana B S
PRINCIPAL
Don Bosco Institute of Technology
Kumbalagodu, Mysore Road,
Bangalore - 560 074.



Don Bosco Institute of Technology, Bangalore
(NBA, AICTE & NAAC Accredited Institution)
NATIONAL SERVICE SCHEME



DBIT/NSS/2023-24/006

30/04/2024

CIRCULAR

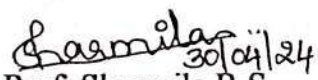
Every day, tens of thousands of people need donated blood and blood products to keep them healthy or even stay alive. Donating blood is a community responsibility because blood banks are local institutions serving local hospitals to meet local needs. We need generous people to donate blood and save lives.

In this connection, NSS and NCC Committee has organised a Blood Donation Camp in association with Lion's Club, Vijayanagar on 3rd May 2024 between 9.00 am to 4.30 pm at Seminar Hall. All the students and staff are hereby informed to note the same and those who are interested to donate are advised to report at the venue as per the below mentioned schedule and enroll for the same.

Appreciation certificate for donating the blood will be issued to the donors.

SI No	Department	Time Slot
1	ECE / ME	9.45 – 10.30 am
2	MBA/ Civil / CSE	10.30 - 11.00 am
3	Physics Cycle / ISE	11.00 – 11.45 am
4	AI & DS / EEE/ CSE (AI&ML)	11.45 am- 12.15 pm
5	Chemistry Cycle	12.15 – 1.00 pm
6	Faculties (all Departments) and Staff (Admin / TPO / Library/ Canteen)	2.15 – 2.45 pm
7	NSS Volunteers / NCC Cadets	2.45 – 3.30 pm


30/04/24
Prof. Shivraj Kumar S
NCC Officer


30/04/24
Prof. Sharmila R S
NSS Program Officer
NSS PROGRAMME OFFICER
Don Bosco Institute of Technology
(Kumbalagodu, Mysore Road,
Bangalore - 560 074


Dr. Nagabhushana B S
Principal
PRINCIPAL
Don Bosco Institute of Technology
Kumbalagodu, Mysore Road,
Bangalore - 560 074.



DON BOSCO INSTITUTE OF TECHNOLOGY

Kumbalagodu, Mysuru Road, Bengaluru-560 074, Karnataka



Awareness Programme

On

“ Drug Abuse ”

Organized by

National Service Scheme and National Cadet Corps

In association with

IIC

Coordinated by

23NSOJ

10/7

Prof. Sharmila R S

Associate Professor, Dept. of EEE, DBIT

NSS Programme Officer

Held at

SH1, Don Bosco Institute of Technology

During

5th July 2023

2022-2023



Authentication Page

A Report on Awareness Programme on "Drug Abuse"

Organized by: National Service Scheme and National Cadet Corps unit,
DBIT

Coordinated by:
Prof. Sharmila R S
NSS Programme Officer

Held at Venue: Don Bosco Institute of Technology
During: 5th July 2023
Academic Year: 2022-2023

Signature of the Coordinator with date:

Sharmila
01/08/23

Signature of the NSS Program Officer with date:

Sharmila 01/08/23
NSS PROGRAMME OFFICER
Don Bosco Institute of Technology
Kumbalagodu, Mysore Road,
Bangalore - 560 074.

Signature of the Head-IQAC with date:

M. S. S.
Don Bosco Institute of Technology
01/08/23
Mysore Road, Kumbalagoda
Bangalore - 560 074

Signature of the Principal with date:

Bonagabhushee
PRINCIPAL 1/8/23
Don Bosco Institute of Technology
Kumbalagodu, Mysore Road,
Bangalore - 560 074.

Don Bosco Institute of Technology, Bangalore

(NBA, AICTE & NAAC Accredited Institution)

NATIONAL SERVICE SCHEME

DBIT/NSS/2022-23/042

03/07/2023

To,
The Principal
DBIT
Bangalore

Respected Sir,

Sub - Requisition to conduct an awareness programme about Drug Abuse in association with Government PHC, Kumbalagodu, Bengaluru - 560074 reg

With reference to the above-cited subject, I request you to grant permission to conduct an awareness programme about Drug Abuse in association with Government PHC, Kumbalagodu on 6th July 2023 at Seminar Hall I between 2.30 pm to 4.30 pm. The budget is as follows and please allot the same. Hope you will oblige my request.

Budget for the programme

Sl No	Item	Quantity	Amount Estimation in Rs.
1	Flower Bouquet	3	300
2	Water Bottle	5	50
Total			350

Thanking You

Yours sincerely

Shannila
NSS Program Officer
Prof. Shannila R S

NSS PROGRAMME OFFICER
Don Bosco Institute of Technology
Kumbalagodu, Mysore Road,
Bangalore - 560 074.

Principal
Dr. Nagathushana B S

Prof. Sowashkhar
Please provide
BS

WAYANAMAC EDUCATION TRUST®
DON BOSCO INSTITUTE OF TECHNOLOGY
 (Affiliated to VTU - Belagavi, Approved by AICTE - New Delhi & Recognised by Govt. of Karnataka, Accredited by NBA & NAAC)

Kumbalagodu, Mysore Road, Bangalore - 560074

Approved by AICTE New Delhi

Affiliated to VTU Belagavi

Recognised by the Government of Karnataka

Accredited by NAAC Bangalore

Accredited by NBA New Delhi



National Service Scheme & National Cadet Corps



In Association with



INSTITUTION'S INNOVATION COUNCIL
(Ministry of HRD Initiative)
IIC-DBIT

Government Primary Health Centre, Kumbalagodu

39 KAR

PRESENTS

An Awareness Program on **Drug Abuse**

Date : 06th July 2023 | Time : 03:00 pm

RESOURCE PERSON



Dr. SHALINI
Administrative Medical Officer,
Kumbalagodu Public Health Centre,
Bangalore

PRESIDED BY

Sri. B. Bylappa
President, WET

Sri. B. Manjunath
Executive Director, DBIT

Sri. Raghav Bylappa
Secretary, WET

ORGANIZING CHAIRS

Dr. Nataraj K R
Dean & Director, R&D

Dr. B S Nagabushana
Principal, DBIT

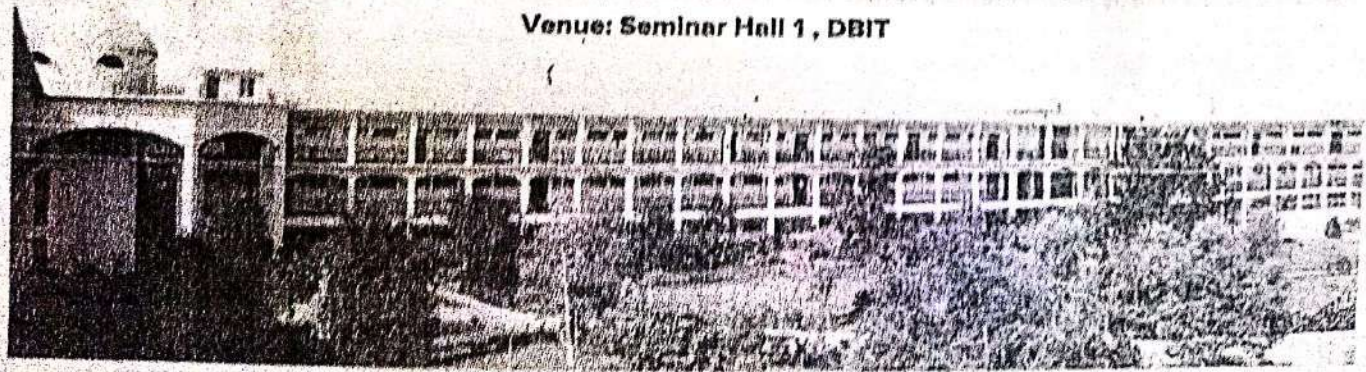
Dr. Ramesh R L
IQAC Director, DBIT

Prof. B S Umashankar
Vice-Principal, DBIT

Prof. Sharmila R S
NSS-Program Officer, DBIT

Prof. Raghavendra D
Associate NCC Officer, DBIT

Venue: Seminar Hall 1, DBIT



Educational Trip to GKVK Horticulture Department

DON BOSCO INSTITUTE OF TECHNOLOGY
Kumbalgodu, Mysuru Road, Bengaluru-560 074, Karnataka



Report

On

“Educational trip to GKVK Horticulture Department”

Organized by

Department of Information Science & Engineering

Coordinator

Mrs. Yashodara R

Assistant Professor

Department of ISE

Venue:

“GKVK Horticulture Department

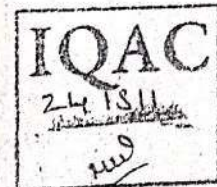
Bengaluru”

During

23rd February 2024

Time: 10am to 4.30pm

2023-2024



"Educational trip to GKVK Horticulture Department -2024"

Organized by: Department of Information Science & Engineering.

Coordinated by: Mrs.Yashodara R

Department of ISE, Don Bosco Institute of Technology, Bengaluru

Held at Venue: GKVK Horticulture Department, Bengaluru

During: 23rd February 2024

Academic Year: 2023-2024

Signature of the Coordinator with date:

1. Mrs.Yashodara R

Ylo
29/2/24

Signature of the HOD with date:

B. K. Rang 29.2.2024

Signature of the Head-IQAC with date:

Ulu
29/02/2024

Signature of the Principal with date:

Don Bosco Institute of Technology
Mysore Road, Kumbalagodu
Bengaluru-560 074

Bonagabhushe

PRINCIPAL

Don Bosco Institute of Technology
Kumbalagodu, Mysore Road,
Bengaluru - 560 074

Introduction/ Preamble

Visit To GKVK Horticulture Department

DON BOSCO INSTITUTE OF TECHNOLOGY

Kumbalagodu, Mysuru Road, Bengaluru-560 074, Karnataka

National Service Scheme**“Free Health Screening Camp 2023”**Organized by:**DEPARTMENT OF R&D and DEPARTMENT OF
MATHEMATICS and IIC****In association with NSS and NCC units**Coordinated by**Dr. Manjula S D**

Professor, Dept. of Mathematics, DBIT

Sharmila R S

Associate Professor, Department of EEE and NSS Programme Officer

on**24/06/2023****2022-2023**



Wayanamac Education Trust ®
 DON BOSCO INSTITUTE OF TECHNOLOGY
 Kumbalagodu, Mysore Road, Bengaluru – 560074
 www.dbit.co.in Ph: +91-80-28437028/29/30
 Fax: +91-80-284370



15/06/2023

Free Health Screening Camp 2023 Circular

In view of the Free Health Screening Camp to be conducted on 24/06/2023 the following committees are constituted to work towards the smooth conduction of the event.

Steering Committee

Sl. No.	Name	Designation
1.	Dr. Nagabhushana B. S	Principal
2.	Prof. Umashankar B. S	Vice Principal
3.	Dr. Nataraj K. R	Dean and Director, R&D
4.	Dr. R Nataraj	HOD, Dept. of Mathematics
5.	Dr. Manjula S. D	Convener

Programme Committee

Sl. No.	Name	Department	Contact No.
1.	Dr. Manjula S. D.	Mathematics	9886982901
2.	Dr. Ranjini P S	Mathematics	9483186572
3.	Cadet Palguni (IDB21CI056)	CSE (AI&ML)	8453354535

Registration Committee

Sl. No.	Name	Department	Contact No.
1.	Prof. Vijaykumar	Mathematics	9844250977
2.	Prof. Suresha K R	Mathematics	9620576499
3.	Prof. Bhoomika D C	Mathematics	8548078241
4.	Ms. Maheshwari V	IDB21CS077	9380685723
5.	Ms. Mitali Jain	IDB21CS083	6366215283

Photography and Documentation

Sl. No.	Name	Department	Contact No.
1.	Dr. Arunkumar K H	Math	9743340660
2.	Prof. Rekha S	R &D	9741543334
3.	Shashidhar M Angadi	NCC cadet	

Department Coordinators

Sl. No.	Name	Department	Contact No.
1.	Dr. Nagaraj	AI & DS	9986788007
2.	Prof. Suresh H S	ECE	8105946800
3.	Prof. Purushotham	CSE	8867687607
4.	Prof. Kushnappa	CIV	8880066788
5.	Prof. Roopashri	ISE	9738469878
6.	Prof. Asma	EEE	9980345861
7.	Prof. Ravi	ME	9844492644
8.	Prof. Kurshid	CSE (AI&ML)	9980489385
9.	Prof. Vinay Prasad	Physics	9738859436
10.	Prof. Chinmayi	Chemistry	8277276810

Hospitality and Transportation Committee

Sl. No.	Name	Department	Contact No.
1.	Prof. Umavathi A	Mathematics	9844250977
2.	Prof. Vjaykumar B	Mathematics	9743714660
3.	Prof. Bhoomiika D C	Mathematics	8548078241

Discipline Committee

Sl. No.	Name	Department	Contact No.
1.	Prof. Sharmila R S (NSS Programme Officer)	EEE	9448957472
2.	Dr. Kumaraswamy	PED	9916214624
3.	Prof. Raghavendra D (NCC)	CIVIL	

Student NSS Volunteers

Sl. No.	Name	USN	Sl. No.	Name	USN
1.	M. Rishi Gowda	1DB20CS138	12.	K. Suryateja	1DB20CS132
2.	Bhoomika B S	1DB20IS028	13.	Lalitha Shree K	1DB20EC044
3.	Chethan A S	1DB20CI050	14.	Pradeepkumar K	1DB20IS104
4.	Ganavi H C	1DB20IS051	15.	Skanda I B	1DB20CI042
5.	Devika K Murthy	1DB20CI012	16.	Bhoomika K	1DB20IS029
6.	Varshitha A M	1DB20EC092	17.	Jayashree A R	1DB20EC038
7.	Kavanashree S	1DB20IS063	18.	Syed Saud Ur Rehman	1DB20EC087
8.	Nisarga M N	1DB20IS096	19.	Apoorva M	1DB20EC039
9.	Jayashree S	1DB20EC039	20.	Dashami C H	1DB20IS041
10.	Rakshitha S Hiremath	1DB20EC068	21.	Dhanyatha D	1DB20IS044
11.	Pawan Kalyan S	1DB20CI031	22.	Suresh MH	1DB20CS113

Execution Approach/ Schedule/Time Table/Flow



Wayanamaç Education Trust (R)
DON BOSCO INSTITUTE OF TECHNOLOGY

Kumbalagodu, Mysore Road, Bangalore 560 074



FREE HEALTH SCREENING CAMP -2023
(24.06.2023 TIME : 9.30 AM TO 3.30 PM)

Master of ceremony: Mr. Dinesh S. II Semester, CSE

Sl. No.	PROGRAM FLOW		TIME
01	Guest escort onto the Diaz	Guests, Principal & Vice Principal	9.30-9.40 AM
02	Welcome address	Dr. Manjula S D Dept. of Mathematics	9.40-9.50 AM
03	Invocation song	Palguni AIML	9.50-9.55 AM
04	Lighting the Lamp	Dignitaries on dais	9.55-10.00 AM
05	Introduction of Chief guests	Ms. Bhoonika D C	10.00-10.05AM
06	Speech by Chief guest 1	Dr. Balakrishna and (Doctor 1)	10.15-10.20 AM
07	Speech by Chief guest 2	Team (Doctor 2)	10.20-10.25 AM
08	Presidential Address	Principal Dr. Nagabhushana B S	10.25-10.30 AM
9	Felicitation of chief guest 1 and 2	By the Principal	10.30-10.35 AM
10	Vote of Thanks	Dr. Umashankar B S Vice Principal, DBIT	10.35-10.40AM

Nagabhushana


INVITATION


WAYANAMAC EDUCATION TRUST®
DON BOSCO INSTITUTE OF TECHNOLOGY
(Affiliated to VTU, Belagavi, Approved by AICTE, New Delhi & Recognized by Govt. of Karnataka, Accredited by NBA & NAAC)
 Kumbalagodu, Mysore Road, Bangalore - 560074

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DEPARTMENT OF RESEARCH & DEVELOPMENT
 &
DEPARTMENT OF MATHEMATICS

In Association with

 **BGS Gleneagles Global Hospital**
 KENGERI, BENGALURU
 On your side

 **INSTITUTION'S INNOVATION COUNCIL**

ORGANIZES

FREE HEALTH SCREENING CAMP 2023

for Staff and Students
 Date : 24TH June 2023 | Time : 09:30 AM - 3:30 PM

PRESIDED BY

Sri. B. Bylappa
 President, WCT

Sri. B. Manjunath
 Executive Director, DBIT

Sri. Raghav Bylappa
 Secretary, WCT

ORGANIZING CHAIRS

Dr. Manjula S. D.
 Convener, Dept. of Maths.

Dr. R. Nataraj
 HOD, Dept. of Maths

Dr. Nataraj K R
 Dean & Director, R&D

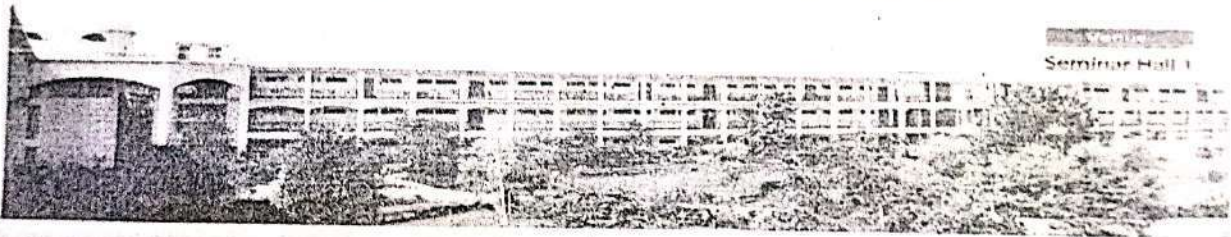
Prof. B S Umashankar
 Vice-Principal, DBIT

Dr. B S Nagabhushana
 Principal, DBIT

COORDINATORS

Dr. Ranjini P S, Professor, Dept. of Maths.
Mr. Vijay Kumar B, Assoc. Prof. Dept. of Maths
Dr. Arun Kumar K H, Asst. Prof. Dept. of Maths
Mr. Suresha K R, Asst. Prof. Dept. of Maths

Mrs. Umavathi A, Assoc. Prof. Dept. of Maths
Ms. Bhumiika D C, Asst. Prof. Dept. of Maths
Ms. Pushpa K, Asst. Prof. Dept. of Maths
Mrs. Rekha S, R&D Coordinator



BANNER

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 Kumbalagodu, Mysore Road, Bangalore - 560074

DEPARTMENT OF RESEARCH & DEVELOPEMNT
 &
DEPARTMENT OF MATHEMATICS

In Association with

 **BGS Gleneagles Global Hospital**
 KENGERI, BENGALURU
 On your side

 **INSTITUTION'S INNOVATION COUNCIL**

ORGANIZES

FREE HEALTH SCREENING CAMP 2023

for Staff and Students

Date : 24th June 2023 | Time : 9:30 AM - 3:30 PM | Venue : Seminar Hall 1

NSS Unit, DBIT



Don Bosco Institute of Technology, Bangalore

(NBA, AICTE & NAAC Accredited Institution)

NATIONAL SERVICE SCHEME



23/07/2023

DBIT/NSS/2022-23/038

To,
The Principal
DBIT
Bangalore

Respected Sir,

Sub: - Request to send Volunteers for Go Pals (Gau Vanam) NGO volunteering activity

With reference to the above-cited subject. I request you to grant permission to send the following students and NSS volunteers on 30/07/2023 at Sri Varindavana Goshala, Near Ramohalli, Kumbalagodu - Bangalore 560074. The coordinator of the event informed over the call that there would be no registration fees for the NSS and NCC Volunteers

1	Ananya Hebbar	1DB21CI006	AIML	8429431947
2	Aniruddha J Rao	1DB21CI007	AIML	9480267483
3	Apurva Patil	1DB21CI008	AIML	7676541560
4	Bharath Kumar J G	1DB21EC017	ECE	9606674262
5	Keerthi H K	1DB21CI034	AIML	9353255197
6	Lucky Ali	1DB21EE016	EEE	9019691539
7	Meghana B S	1DB21IS083	ISE	9741395180
8	Mounashree P	1DB21IS089	ISE	6361866306
9	Niranth Gagan GM	1DB21EC096	ECE	7829802185
10	Preethi P	1DB21EC110	ECE	8050235942
11	Priyanshu Singh	1DB21EE020	EEE	9793447464
12	Rahul C	1DB21CI061	AIML	8088324323
13	Ranjani R	1DB21EC125	ECE	8618627610
14	Shruti Bhagelli	1DB21CS144	CSE	8660795744
15	Srinidhi S D	1DB21CI099	AIML	8748863089
16	Sumanth Bhat	1DB21CI100	AIML	8762787044
17	Teliki Sai Varsha	1DB21CS159	CSE	7892920105
18	Vijaya Keerthi B	1DB21CS168	CSE	7975876662
19	Shashidhar M Angadi	1DB21EC142	ECE	9739326304

Thanking You

Yours sincerely

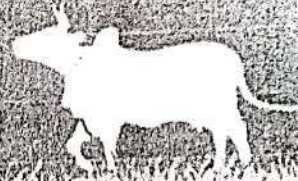
Shashidhar M Angadi
23/07/23
NSS Program OFFICER
Don Bosco Institute of Technology
Mysore Road,

B. Nagabhusha
PRINCIPAL
Don Bosco Institute of Technology
Kumbalagodu, Mysore Road,

Gau



Vanam



Activities

- Cleaning the Goshala
- Cow Cuddling
- Nurturing Saplings with Jeevamrutha
- Demo of Cow products
- Cow Dung Cakes Making

Simple vegetarian breakfast and lunch will be provided

Date & Venue

30 July, 2023 (Sunday) | 8:00 AM onwards

Sri Vrindavana Goshala

Gopalnagara Near Kumbalgudu State Forest
Near Ramohalli, Kengeri, Bengaluru

Registration Mandatory : 250/- Per person
(for Breakfast & Lunch)

<https://tinyurl.com/GauVanamBLR>
9900897956 / 9036187992 / 9632561110

Scan To Register



wegopals | mygoshala@wegopals.com | www.wegopals.com





DON BOSCO INSTITUTE OF TECHNOLOGY

Kumbalagodu, Mysuru Road, Bengaluru-560 074, Karnataka



Awareness Programme

On

“ Importance of Water for Animals and Birds ”

Organized by

**National Service Scheme
and
DBIT Alumni Association**

Coordinated by

**Prof. Rafi Ahmed Z
Alumni Association Coordinator
and**

**Prof. Sharmila R S
Associate Professor, Dept. of EEE, DBIT
NSS Programme Officer**

Held at

SH1, Don Bosco Institute of Technology

During

22nd July 2023

2022-2023

23NS02
mlg



Authentication Page

A Report on Awareness Programme on "Importance of Water for Animals and Birds"

Organized by: **National Service Scheme and DBIT Alumni Association**

Coordinated by:

Prof. Rafi Ahmed Z

Alumni Association Coordinator
and

Prof. Sharmila R S

NSS Programme Officer

Held at Venue: **Don Bosco Institute of Technology**

During: **22nd July 2023**

Academic Year: **2022-2023**

Signature of the Coordinator with date:

Rafi Ahmed Z

Sharmila R S
01/08/23

Signature of the NSS Programme Officer with date:

Sharmila R S 01/08/23

NSS PROGRAMME OFFICER
Don Bosco Institute of Technology
Kumbalagodu, Mysore Road,
Bangalore - 560 074.

Signature of the Head-IQAC with date:

M. H. S. /
01/08/2023

Signature of the Principal with date:

B. Nagabhushe
PRINCIPAL 01/08/23

Don Bosco Institute of Technology

Kumbalagodu, Mysore Road,
Bangalore - 560 074

3/ Page

NSS Unit, DBIT, Bengaluru

**Don Bosco Institute of Technology, Bangalore**

(NBA, AICTE & NAAC Accredited Institution)

NATIONAL SERVICE SCHEME

DBIT/NSS/2022-23/043

20/07/2023

To,
The Principal
DBIT
Bangalore

Respected Sir,

Sub: - Request for permission to conduct an Awareness Program on Importance of Water for Animals and Birds on 22/07/2023 at SHI, DBIT.

With reference to the above-cited subject, I request you to grant permission to conduct Importance of Water for Animals and Birds on 22/07/2023 at Seminar Hall 1 between 11.15 am to 12.30 pm.

Thanking You

Yours sincerely

Sharmila
20/07/23

NSS Program Officer

Prof. Sharmila R S

NSS PROGRAMME OFFICER
Don Bosco Institute of Technology
Kumbalagodu, Mysore Road,
Bangalore - 560 074.

To
Prof. Sunashekhar

pl. cooperate

Dr. Nagabhushana B S
22/7/23

Principal

Dr. Nagabhushana B S

PRINCIPAL
Don Bosco Institute of Technology
Kumbalagodu, Mysore Road,
Bangalore - 560 074.



National Service Scheme
 In Association with
Alumni Association



PRESENTS
An Awareness Program on

"The Importance of Water For Animals & Birds"

Date : 22nd July 2023 @ 11.15am
 Venue : SHI

PROFESSOR IN CHARGE



Ms. Supriya H B
 PRO - WFV



PROVISED BY

Sri. B. Bylappa
 President, WET

Sri. B. Manjunath
 Executive Director, DBIT

Sri. Raghav Bylappa
 Secretary, WET

OFFICIAL PARTICIPANTS

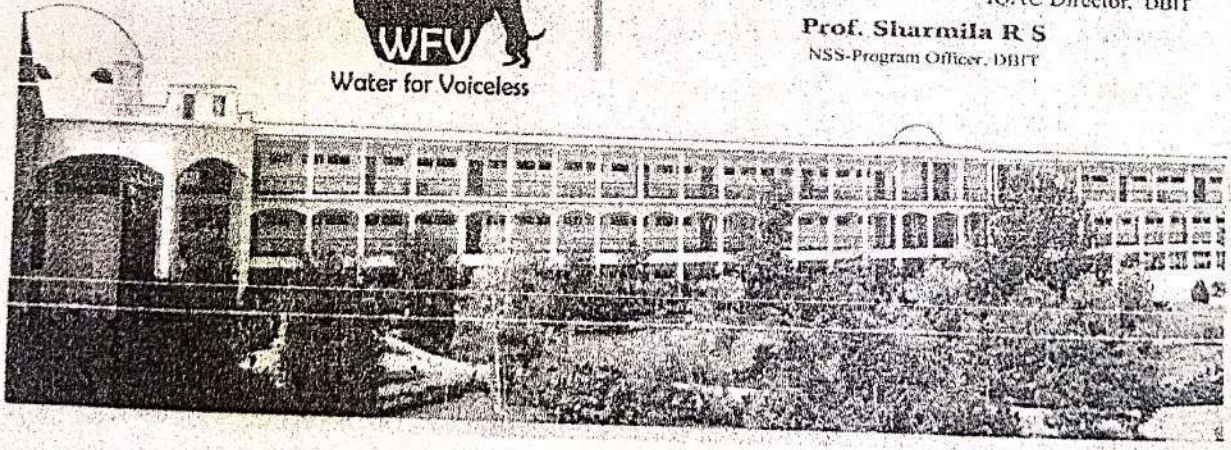
Dr. Nataraj K R
 Dean & Director, R&D, DBIT

Dr. B S Nagabhushana
 Principal, DBIT

Prof. B S Umashankar
 Vice Principal, DBIT

Dr. Ramesh R L
 IQAC Director, DBIT

Prof. Sharmila R S
 NSS-Program Officer, DBIT





Don Bosco Institute of Technology, Bangalore
(NBA, AICTE & NAAC Accredited Institution)
NATIONAL SERVICE SCHEME



DBIT/NSS/2022-23/045

12/09/2023

Circular

1. Ref: GOK/CS/SWD/233/2023Dt05/09/2023.
2. Ref: YES/NSS/19/2021/2023-24/264.

Government of Karnataka, Social Welfare Department in Association with Minority Welfare Department & Backward Class Welfare Department is organising "International Day of Democracy" on 15th September 2023.

All the educational institutions have been instructed to celebrate the same and we request all the students and staff to assemble at the venue and take pledge by reading the Preamble of the Constitution of India on account of "International Day of Democracy" on 15th September 2023.

Venue: Management Dome
Time: 10.45am
Date: 15/09/2023

Visho
12/9/23
Convener
SC/ST/OBC Committee

Sharmila
12/9/23
NSS Program Officer
Prof. Sharmila R S
NSS PROGRAMME OFFICER
Don Bosco Institute of Technology,
Kumbalagodu, Mysore Road,
Bangalore - 560 074.

Nagabhushana
Principal
Dr. Nagabhushana B S
PRINCIPAL
Don Bosco Institute of Technology,
Kumbalagodu, Mysore Road,
Bangalore - 560 074.

"We, each one of us, in this office / Institution,
hereby pledge that we will abide by the preamble
in our work and life with utmost sincerity"



THE CONSTITUTION OF INDIA

PREAMBLE

WE, THE PEOPLE OF INDIA,
having solemnly resolved to constitute India into a
SOVEREIGN SOCIALIST
SECULAR DEMOCRATIC REPUBLIC
and to secure to all its citizens;
JUSTICE, social, economic and political;
LIBERTY of thought, expression,
belief, faith and worship;
EQUALITY of status and of opportunity;
and to promote among them all
FRATERNITY assuring the dignity of the
individual and the unity and
integrity of the Nation;
IN OUR CONSTITUENT ASSEMBLY
this twenty-sixth day of November, 1949, do
HEREBY ADOPT, ENACT AND GIVE TO
OURSELVES THIS CONSTITUTION.

GOVERNMENT OF KARNATAKA
Social Welfare Department