

# VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI



## AICTE ACTIVITY PROGRAM

*An AICTE Activity Report Submitted in Partial Fulfillment of Requirement for the 8<sup>th</sup> Semester B.E Course during the academic year 2021-2022*

**Submitted by:**

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**Under the guidance of:**

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**DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING**  
**GURU NANAK DEV ENGINEERING COLLEGE**  
**BIDAR-585403, KARNATAKA**

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI**

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**DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING**

## **CERTIFICATE**

This is to certify that the AICTE Activity work is a bonafide work carried out by **SONALI HIBARE (3GN17IS029), AKSHATA (3GN18IS004), GOURISHANKER (3GN18IS009), PREETI (3GN18IS016), SHWETA BIRADAR (3GN18IS024), SAI KRISHNA (3GN18IS029) & VINAY CHANDA (3GN18IS031)** in partial fulfillment of the requirements for the Bachelor's degree in COMPUTER SCIENCE AND ENGINEERING of VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the year 2021-2022. It is certified that this AICTE Activity Report has been approved as it satisfies the academic requirements.

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**SIGNATURE OF  
COORDINATOR**

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**SIGNATURE OF  
HOD**

**GURU NANAK DEV ENGINEERING COLLEGE**  
**DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING**  
**ACADEMIC YEAR 2021-2022**

Sl No.	STUDENT NAME	USN	TEAM LEADER
1	SONALI HIBARE	3GN17IS029	VINAY CHANDA
2	AKSHATA	3GN18IS004	
3	GOURISHANKER	3GN18IS009	
4	PREETI	3GN18IS016	
5	SHWETA BIRADER	3GN18IS024	
6	SAI KRISHNA	3GN18IS029	
7	VINAY CHANDA	3GN18IS031	

Sl No.	NAME OF ACTIVITIES	DATE	REMARKS
1	Contribution to any national level initiative of Government of India. For Eg. Swachh Bharat	06/02/2020-21/02/2020	
2	Developing and managing efficient garbage disposal system	14/03/2022-30/03/2022	
3	Helping local schools and Anganwadi to achieve good results and enhancement in education	31/03/2022-15/04/2022	
4	Facilitating 100% Digitized money transactions	16/04/2022-30/04/2022	

## ACTIVITY

### SWACHH BHARAT

(Contribution to any national level initiative of Government of India)

#### OBJECTIVE :

- Informing the villagers about the mission of Swachh Bharat and motive of the initiative.
- Who started Swachh Bharat and its importance.







## OUTCOME :

- Our team members preeti and sonali began interacting with the ladies assisted by the college professor by explaining to them why it's necessary to maintain hygiene and keep our environment clean. Also Maintaining a clean environment reduces pollution, preserves our biosphere, protects endangered species, and also helps preserve the earth's natural resources.
- Followed by other members explaining the importance that this initiative aims to solve the problems of sanitation and waste management in India by ensuring hygiene across the country. The main aim of the project is to create sanitation facilities for all and provide every rural family with a toilet.
- Also this initiative was started by Shri Narendra Modi as he launched the Swachh Bharat Mission at Rajpath in New Delhi. Also the Prime Minister said people should neither litter, nor let others litter. He gave the mantra of 'Na gandagi karenge, Na karne denge.'

## ACTIVITY

### DEVELOPING AND MANAGING EFFICIENT GARBAGE DISPOSAL SYSTEM

#### OBJECTIVE :

- To create awareness regarding appropriate disposal of different types of waste to people residing in MALKAPUR.
- To segregate solid waste and to reduce and eliminate adverse impacts of waste materials on human health and the environment to support economic development and superior quality of life.
- To minimize the waste and ensure reduction in landfill space for final disposal.
- To explain the purpose of the three bin system.



## OUTCOME :

- Our Team leader Vinay Chanda initiated the program by communicating in a friendly manner and letting it be understood to the villagers how essential and important it is to dispose of garbage in their right place .It helps local communities recycle their waste product and efficiently dispose of non-recyclable waste.
- Followed by Sai Krishna explaining that it is necessary to do so to maintain Environmental Cleanliness, to improve Community Health Standards, to support a More Sustainable Lifestyle.
- Followed by sonali explaining benefits of proper waste disposal i.e for Public Health Preservation, Environmental Protection , to reduce waste energy.
- Followed by Preeti explaining the use of three bin system i.e. The three bins are for the separation of waste into compostable, recyclable, and landfill which was easily understood by them by the color that is used for segregating these.
- Followed by Akshata explaining how this is able to more efficiently process waste, betterrecover valuable resources from waste, and reduce the amount of waste going to landfill.
- Followed by Gourishanker explaining the adverse impacts that improper disposal of waste could cause harm to both human life and environment.
- When chemicals make their wayinto our rivers and lakes, they make this water unsafe for drinking. The water is also unsafe to use for agricultural purposes. Animals drinking this water will get sick and die, and plants that rely on the water will be destroyed. Some hazardous waste is flammable. Its short term and long term effects,etc.



## ACTIVITY

### HELPING LOCAL SCHOOLS AND ANGANWADI TO ACHIEVE GOOD RESULTS AND ENHANCEMENT IN EDUCATION

#### OBJECTIVE :

- To promote 3D printing and design technologies.
- Discover some of the applications of 3D printing.
- Design and create their own 3D model.
- Applications and samples.











## **OUTCOME :**

- Our team explained to the students of the government school of Markal about the emerging technologies. Initially we asked them about how well they know to operate mobile phones. Most of them knew how to access the internet and its usage. They got extremely excited after seeing one of our projects made from 3D printing so we briefed them about how it is done and what it is about.
- We began by explaining that 3D printing is a method of creating a three dimensional object layer-by-layer using a computer created design. When asked about computers they knew how to switch on and work on paint , word and other applications .
- Being students of the ISE department we could feel the same enthusiasm and interest that we had in our childhood days and we could encourage them to gain interest towards new emerging technologies like online transactions ,3D printing and IoT(Internet of Things).

## ACTIVITY

### FACILITATING 100% DIGITIZED MONEY TRANSACTIONS

#### OBJECTIVE :

- What is a digital transaction and how it is done.
- Promoting digital transactions
- Implementation of online transitions through GPay, PhonePay, Paytm, etc.









## OUTCOME:

- Villagers of Chitta were not much aware of the latest technologies in use and that of the online transactions. They did just say they would have to wait for hours in the bank to get their transaction done. When told about such processing they were astonished and thought this could be really difficult to practice.
- But once taught by one of our team members they were surprised to learn that this is quite a simple and easy task.





This is a picture of our team mate demonstrating online transactions to villagers.