



# CINTA SILPA

## চিত্তা শিল্প

[A collection of multi-faceted research articles]

**Edited by**  
Malamoni Goswami  
Pranjal saikia





The book contains a bilingual multidisciplinary research articles edited by Mrs. Malamoni Goswami and Mr. Pranjal Saikia, Assistant Professor, Golaghat Purbanchalik College and published by Research and Publication Cell, Golaghat Purbanchalik College, Golaghat - 26, Assam.

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**Year Of Publication**

31<sup>st</sup> Dec 2023

ISBN:978-93-5996-346-4

Published by Publication Cell, Golaghat Purbanchalik College,  
Printed at Sanskriti Prakashan, Jorhat, Assam

Price - Rs. 250.00

**Disclaimer:** The editors and the editorial board shall not be responsible for any insufficiency and inaccuracy of data or relevant facts provided in support of their arguments and opinion express in article published in this volume.



**Office of the Vice Chancellor**

**Birangana Sati Sadhani Rajya Vishwavidyalaya, Golaghat, Assam**

A State University under the ASSM Act 2020 of Govt. of Assam / Recognized by UGC under 20/1/2002  
Reg. No. ASSM/VV/ACM/17/2023/51

Date: 03/11/2023

Warm Greetings to each one of you.

The Golaghat Purbanchalik College, Haliyethowa is spreading its wing, like branches like an evergreen tree and its heartening to read all about it in the publication "CINTA SILPA", a Social Science Research Publication.

Over the years, I am aware that the Golaghat Purbanchalik College, has provided the students with opportunities to explore and grow, through situations that challenge them to identify their strength and reinforce them and I feel the word of the greatest scientist Albert Einstein aptly speaks of this vision of GPC, Haliyethowa.

"I don't teach my children. I create conditions for them to learn."

I extend my best wishes to the editors Malamoni Goswami, Asst. Prof. Department of Assamese and Pranjal Saikia, Asst. Prof. Department of History, GPC, Golaghat, of the journal "CINTA SILPA"

I also congratulate, the Principal, the Staff and Students for their strong sense of commitment, service and responsibility that has helped Golaghat Purbanchalik College, Haliyethowa to transform into a wonderful temple of learning.

My Compliments to All.  
Thank You.

  
03/11/2023

Prof. Jyoti Prasad Saikia  
Hon'ble Vice Chancellor  
Birangana Sati Sadhani Rajya Vishwavidyalaya  
Golaghat, Assam



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# ‘Solid and Liquid Waste Management’

## Its impact on rural environment

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### **Introduction:**

Solid and Liquid Waste Management is one of the key components of Swatch Bharat Mission-Gramin launched with the objective of bringing improvement in cleanliness, hygiene and the general quality of life in rural areas.

Solid waste may be defined as unwanted material disposed by man who can neither flow in to streams nor escape immediately in to the atmosphere. The term solid waste management mainly refers to the complete process of collecting, treating and disposing of solid wastes. In the waste management process, the wastes are collected from different sources and are disposed of.

Liquid waste can be defined as such liquids as waste water, fats, oils or grease, (FOG), used oil, liquids, solid gases, or sludge's and hazardous household liquids. These liquids those are hazardous or potentially harmful to human health or the environment. Liquid waste management process, the facility generally pumps the liquid waste into a sturdy bag and re-moves the water, leaving only solid waste.

**Objectives:** The main objective of this paper is to reduce the rural environmental and health hazards that arise from unsystematically dumping of solid and liquid waste and pollution of natural resources, like the land, sea and air.



# ENVIRONMENT AND SUSTAINABLE DEVELOPMENT: ROLE OF GOVERNANCE, PUBLIC INITIATIVES, AN ANALYTICAL STUDY.

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## **INTRODUCTION:**

The concept of environment originated from is a surrounding, external conditions influencing development or growth of people, animal or plants, living or working conditions etc. Environment refers to the sum total of conditions which surround man at a given point in space and time. In the beginning the environment of early man consisted of only physical aspects of the planet earth land, air, water and biological communities but with the march of time and advancement of society man extended the environment through by social, economic and political functions. Environmental pollution exist for a long time growth of truly global proportions since the onset of industrial revolution during the 19<sup>th</sup> century. Technological Progress facilitated by super efficiency of capitalist business practices had become one of the main causes of serious deterioration of natural resources. At the same time, of course, development of natural sciences led to the better understanding of negative effects produced by pollution on environment. Environmental pollution not a local or national problem but a world wide international problem in present time.

From online universities to digital certificates and hybrid systems, This helps students to achieve their qualifications faster and provides more resources for success.

Technology has changed the way we teach education. It has made it possible to reach more students and to provide the same lessons more effectively and efficiently. Now we can teach them online, which means that we don't have to travel all over the place to teach them. We can also use technology such as video conferences and chat rooms with students, which means that we don't have to spend time getting to know them and making sure that they understand what we teach them. This made a significant difference in the way teachers interact with their students. Before technology, teachers had to prepare for classes for hours, but they did not have the option to use technology when teaching them. Today's students are better prepared than ever and get better grades. Technology has enabled us to search for information from anywhere in the world and share it with others without physically having to meet them face to face. This means that students can train wherever they are, from their bedrooms to their classrooms to their work offices. The Internet allows everyone to learn, no matter where they live or where they are located. With the emergence of online learning platforms such as Udemy, Coursera, and Khan Academy, students are no longer restricted to traditional classrooms. They can learn at their own pace and can access any educational content they want. It also facilitates the sharing of teachers' knowledge and expertise to students. Teachers can now use video lectures and text-based lessons. Teachers also have greater resources than ever – both at the site and off-site – to ensure that their students' needs are met. Technology has also changed the way we learn today. Technology provides many ways of teaching students online and even in person, more than ever before. Digital certificates can even be provided online, and students can get a quick qualification without having to travel all over the city when they need new qualifications on their resumes. The importance of technology can be

## SIGNIFICANCE OF TECHNOLOGY IN EDUCATION

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### INTRODUCTION:

Technology is a broad concept that can be defined

simply as applying scientific knowledge to solve problems or perform specific functions. The term technology derived from the Greek word "technologia". The Greek word "technologia" itself is a combination of the other two Greek words "technē", which means art, skill, and craft, and "logia", which means education. So, Technology is the branch of advanced scientific research that involves highly designed and advanced engineering software and hardware. It is a method of applying knowledge to practical purposes. In addition, new designs and devices are developed to improve human productivity. And Education is the process of modification of behavior through experience, socialization, social efficiency, acculturation, and adjustment to the environment and harmonious development of the human personality. Education technology is a field of study that examines the process of analysis, design, development, implementation, and assessment of educational environments and learning materials to improve teaching and learning.

Education has always been a starting point for success. Education is helpful for growing and learning, but it is not enough. To ensure that you are on the right path in your future, good education is essential. Technology has proved beneficial and transformational in the educational environment in particular. Technology has transformed the world of education,