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# Jaya Sakthi Engineering College

(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)  
St. Mary's Nagar, Thiruninravur, (Near Avadi), Chennai - 602 024.  
www.sakthiec.edu.in Email : info@sakthiec.edu.in

**Prof. Dr. A. Kanagaraj**, M.A., M.Phil., Ph.D.,  
Chairman

**Mrs. K. Vijayakumari**, M.A., B.Ed.,  
Secretary

## Beyond the campus environmental promotion activities

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## **UNNAT BHARAT ABHIYAN SCHEME**

**Unnat Bharat Abhiyan** is inspired by the vision of positive transformation in rural development processes by leveraging knowledge institutions to help build the architecture of an inclusive India.

The Mission of Unnat Bharat Abhiyan is to enable higher educational institutions to work with the people of rural India for identifying developmental challenges and evolving appropriate solutions for accelerating sustainable growth. It also aims to create a virtuous cycle between society and an inclusive academic system by providing knowledge and practices for emerging professionals and to upgrade the capabilities of both the public and the private sectors in response to the developmental needs of rural India.

### **Objective**

**Unnat Bharat Abhiyan** aims to build an understanding of the development agenda with institutions of higher education thereby fostering an institutional capacity and training relevant to national need, especially those of rural India. It establishes extending a nexus between rural India and the professional resources of the institutions of academic excellence in the fields of Science, Engineering and Technology and Management.

### **Thrust Area**

The major area of thrust and focus under UBA 2.0 are human development and economic development which need to be developed through continuous progress in Health, Education and Culture, Values and Perception Development, Skills and Entrepreneurship, Organic Culture and Cow-based Economy, Water Management and Conservation, Renewable Energy Sources, Artisans and Rural Industries, Basic Amenities and E-support, Development and Harnessing of Local Natural Resources



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## UBA Coordinator



P.KARTHIKEYAN  
Asst.Professor  
Department of Mechanical Engineering  
8681963375  
Mail Id : [jayasakthinss@gmail.com](mailto:jayasakthinss@gmail.com)

## Faculty Coordinator's

Sl.No	Adopted Villages	Faculty In Charge
1	Polivakkam	Mr.J.Boopalan AP/MECH Mr.S.Vignesh HOD/MECH
2	Egattur	Mr.P.K.Santhosh HOD/BME Dr.R.Arun Kumar AP/Chemistry
3	Kadambathur	Mr.P.Annamalai AP/BME Mrs.U.Prabha Ap/Maths
4	Selai	Dr.G.Saravanan HOD/S&H Dr.D.Kumar AP/Chemistry
5	Vengathur	Mrs.A.Philomina Jenifer AP/BME Mrs.P.Deborah Roseline AP/BME



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## APPROVED LETTER FROM UBA



उन्नत भारत अभियान  
राष्ट्रीय समन्वय संस्थान  
भारतीय प्रौद्योगिकी संस्थान दिल्ली  
हौज़ खास, नई दिल्ली-११००१६

**UNNAT BHARAT ABHIYAN**  
NATIONAL COORDINATING INSTITUTE  
**INDIAN INSTITUTE OF TECHNOLOGY DELHI**  
Hauz Khas, New Delhi - 110016  
Website : <http://unnat.iitd.ac.in>



Prof. Virendra K. Vijay  
National Coordinator, UBA  
Professor CRDT, IITD

Tel. : +91-11-2659 1121/1157 (O)  
Fax : +91-11-2659 1121  
Email : [unnatbharatabhiyaniitd@gmail.com](mailto:unnatbharatabhiyaniitd@gmail.com)  
[kvvijay@rdat.iitd.ac.in](mailto:kvvijay@rdat.iitd.ac.in)

Dear Sir/Madam,

Congratulations to all the Participating Institutions (PIs) selected under Unnat Bharat Abhiyan, a flagship program of Ministry of Human Resource Development (MHRD) Government of India through a challenge mode application. The Mission of Unnat Bharat Abhiyan is to enable participating higher educational institutions to work with the people of rural India in identifying development challenges and evolving appropriate solutions for accelerating sustainable growth. It also aims to create a virtuous cycle between society and an inclusive academic system by providing knowledge and practices for emerging professions and to upgrade the capabilities of both the public and the private sectors in responding to the development needs of rural India.


As per the programme, educational institutions is primarily to develop linkage with selective rural clusters (preferably of five villages), to get involved in the planning process and to promote the requisite S&T interventions to improvise and expedite the developmental efforts in those clusters. The approach is a departure from the grant oriented method and would see the participation and commitment of faculty and students in this endeavour.

We shall be processing release of Rs. 10000/- per village under the UBA program. The funds are mainly meant for assistance for awareness, Gram Panchayat Development Plan (GPDP) study, need assessment, and contingency expenditure. There are provision of Rs 1.0 lakh for technological intervention/ solution and Rs 0.50/- lakh for customization of a technological solution under the program. Which you can avail of afterwards by submitting proposals with ratification of the Gramsabha. A two-way channel between PIs and National Coordinating Institute (NCI) as well as Subject Expert Groups (SEGs) for project proposal submission and evaluation has been developed and functional on UBA portal. You can use your login credential for uploading proposals on UBA website '**FINANCIAL AIDS**'. The login credentials are same as your registration login credentials.

You are also requested to keep IIT Delhi, the National Coordinating Institute updated about your activities so that the same can be uploaded on the website of UBA.

Regards and best wishes for your institution for contributing to India's development.

With regards

Your Sincerely,   
Prof. Virendra K Vijay  
National Coordinator,  
Unnat Bharat Abhiyan



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## CERTIFICATE OF APPRECIATION



### Participation CERTIFICATE



awarded to:

*Dr. P. Karthikeyan*

Orientation Workshop for UNNAT BHARAT ABHIYAN  
Participating Institutes (PIs) under Regional Coordinating  
Institute (RCI) Indian Institute of Technology Madras, Chennai  
on 20 /01/2023

Dr. B.S. Murty  
Coordinator, RCI-UBA

Dr. INDUMATHI M. NAMBI  
Co- Coordinator, SEG-UBA



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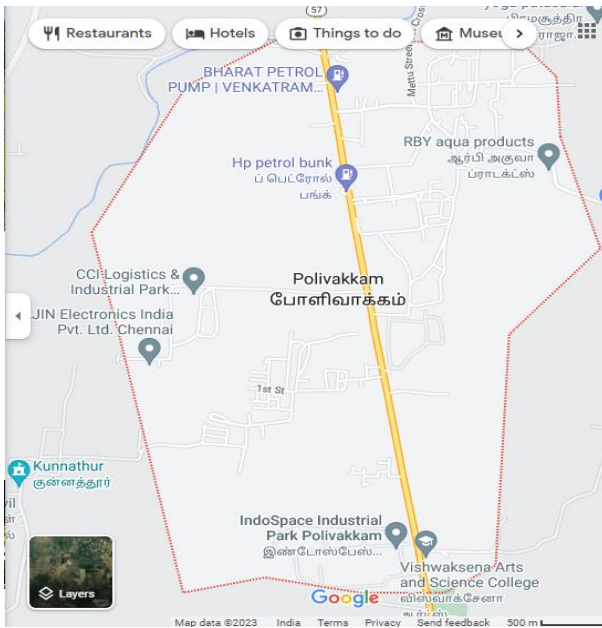
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## ADOPTED VILLAGES

### Polivakkam



#### Polivakkam - Village Overview

Gram Panchayat :	Polivakkam
Block / Taluka :	Thiruvallur
District :	Thiruvallur
State :	Tamil Nadu
Pincode :	602002
Area :	1262.09 hectares
Population :	3,698
Households :	976
Nearest Town :	Thiruvallur (7 km)

## SURVEY AND AWARENESS



#### Feedback received from the village people:

- Farm loan Waiver (not given), GM crops and agricultural practices being done instead of Organic and Natural farming.
- Poor Environmental Governance.



# Jaya Sakthi Engineering College

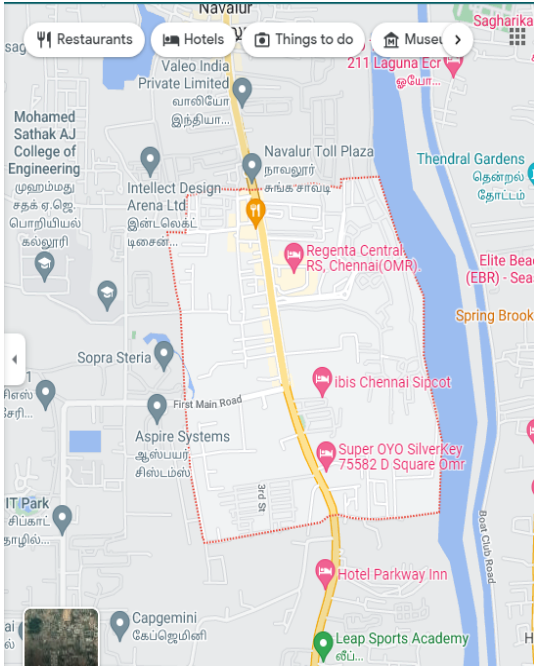
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## EGATTUR



Egattur - Village Overview	
Gram Panchayat :	Egattur
Block / Taluka :	Thiruvallur
District :	Thiruvallur
State :	Tamil Nadu
Pincode :	631203
Area :	787.83 hectares
Population :	4,842
Households :	1,251
Nearest Town :	Thiruvallur (6 km)



## SURVEY AND AWARENESS



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## SELAI



### Selai - Village Overview

Gram Panchayat :	Selai
Block / Taluka :	Thiruvallur
District :	Thiruvallur
State :	Tamil Nadu
Pincode :	631203
Area :	362.32 hectares
Population :	3,405
Households :	844
Nearest Town :	Thiruvallur (3 km)



## SURVEY AND AWARENESS





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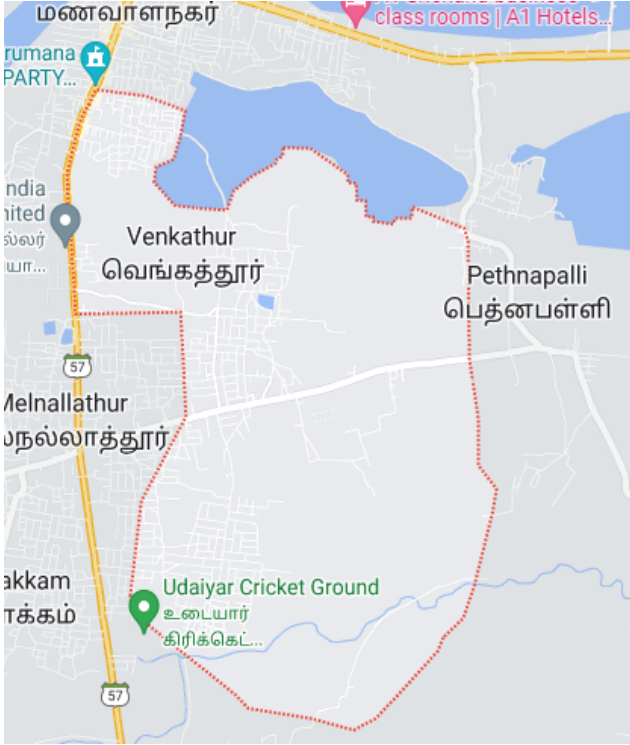
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## VENGATHUR



Village	Vengathur
Block	Kadambathur
District	Thiruvallur
State	Tamil Nadu
Country	India
Continent	Asia
Time Zone	IST ( UTC + 05:30)
Currency	Indian Rupee ( INR )
Dialing Code	+91
Language	Tamil
Time difference	10 minutes
Latitude	13.0968678
Longitude	79.9136731

### VENGATHUR-VILLAGE OVERVIEW



### SURVEY AND AWARENESS



# Jaya Sakthi Engineering College

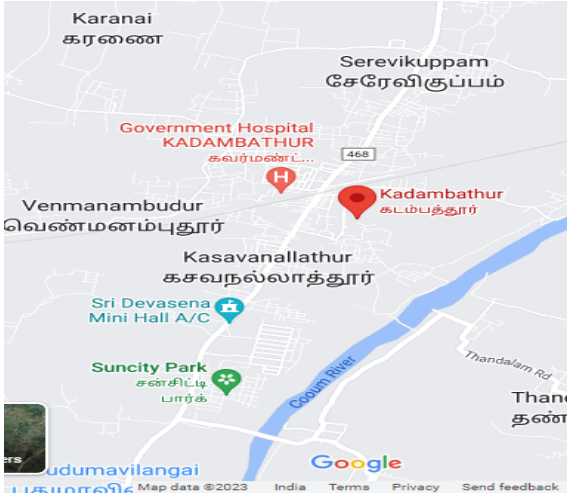
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## KADAMBATTUR



Area	2.41 km <sup>2</sup>
Population	12280
Population Density	1770 people per km <sup>2</sup>
Male Population	6193
Female Population	6087
Nearest airport & distance (Aerial)	Chennai International Airport, 26.4 km
Nearest Railway Station & Distance (Aerial)	Kadambattur, 0.51 km

## KADAMBATTUR-VILLAGE OVERVIEW



## SURVEY AND AWARENESS



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## Mega Tree plantation

We Jaya Sakthi Engineering College NSS unit has conducted a mega tree plantation as per the instruction of AICTE. In this program our college Chairman has attended in this event and he felt very happy. He spoke that, nowadays we have cut the lot of trees without knowing their benefit but no one is ready to plant a tree and maintain the same. It will give the lot of benefit directly and indirectly to us always.

Our college principal Dr.B.Gobinathan, Heads of various department, teaching and non-teaching staff of our college has attends this event and made it a grant success.

All the arrangement has been done by the NSS volunteers and program officer Mr. P.Karthikeyan, AP/Mech. This program is sponsored by Jaya Sakthi Engineering College and NSS unit, Anna University Chennai.



**Mega Tree plantation By Faculty members**



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**Mega Tree plantation by Students**



**Mega Tree plantation by Political Leader**



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## Village Cleaning Activity

Our college NSS volunteers have participated village cleaning program. The purpose of conducting this event creates the awareness to the people of this village. The village people want to create make their environmental clean. Our principal Dr.B.Gobinathan and Panchayat Board President were appreciated our students.

This program is sponsored by our Jaya Educational Trust and Anna University.



**Village Cleaning Activity by NSS Volunteer**

## **Road Cleaning Programme**

As per the instruction from District collectrate office and requisition from Thiruninravur municipality and with the permission of our college principal Dr.B.Gobinathan, we have conducted a cleaning program by using our college students to create the awareness among the people of this area. In this event we reached there early morning by our college Bus. We started the program at 9AM.



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The entire NSS volunteers were involved with high energy and gave their fullest cooperation. All the dust and dirty things has been removed by our NSS volunteers. More than 20 number of students participated in this event. All the necessary arrangements have been done the volunteers and Program officer **Mr.P.Karthikeyan** AP/Mech. This program is sponsored by our Jaya Educational Trust and Anna University.



**Road Cleaning Activity by NSS Volunteer**



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## Swachh Bharat Cleaning Programme

As per the requisition from president of Polivakkam Village and with the permission of our college Principal Dr.B.Gopinathan. We have conducted a cleaning program by using our college students to create the awareness among people of Polivakkam area. In this event we reached there early morning by our college Bus. The Student volunteers were involved with high energy and gave their fullest cooperation. All the dust and dirty things has been removed by our college students. More than 20 number of students participated in this event. All the necessary arrangements have been done the volunteers and Program officer Mr.P.Karthikeyan, AP/Mech.



**Swachh Bharat cleaning Programme**