

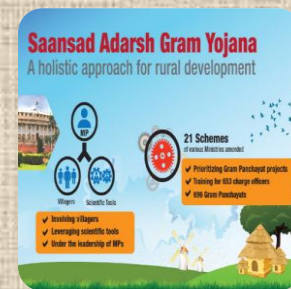


‘New India’ Internship Program
December 15, 2019 – January 10, 2020

TVSSST

Theme: Technology and Rural Development
Indian Institute of Technology Madras
Chennai - 600036

New India Internship / Scholarship Committee



**Prof. Bhaskar
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**Director, IIT
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Prof. Sivakumar

**Dean Students, IIT
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Dr. P. Sudarsan

**Advisor, Student Legislative
Council, IIT Madras**

New India Internship – TVSSST- Districts

S. No	Place	No of Students
1	Thirukkurungudi, Tirunelveli, Tamil Nadu	5
2	Padavedu, Tirunelveli, Tamil Nadu	2
3	Javadhu Hills, Tiruvannamalai, Tamil Nadu	2
4	Hosur, Krishnagiri, Tamil Nadu	3
	Total Number of Students	12
	Number of Districts covered	3
	New India Internship Interns(Dec 2019 - Jan2020)	12

IIT Madras New India Internship Students list (2019-2020)

S.No	Name	District, State
1	Ms. Hanushavardhini S	Thirukkurungudi, Tirunelveli, Tamil Nadu
2	Mr.Varun Martine	Thirukkurungudi, Tirunelveli, Tamil Nadu
3	Mr. Krishna Karthik M	Thirukkurungudi, Tirunelveli, Tamil Nadu
4	Mr. Omkareshwar U	Thirukkurungudi, Tirunelveli, Tamil Nadu
5	Ms. Tavva Alekhya	Thirukkurungudi, Tirunelveli, Tamil Nadu
6	Mr. Bhargava Sai P	Padavedu, Tirunelveli, Tamil Nadu
7	Ms. Urudhimozhi S	Padavedu, Tirunelveli, Tamil Nadu
8	Mr. Sarath S M	Javadhu Hills, Tiruvannamalai, Tamil Nadu
9	Mr. Nikhil Navnath Kharat	Javadhu Hills, Tiruvannamalai, Tamil Nadu
10	Mr. Azhar Ayub Mangure	Hosur, Krishnagiri, Tamil Nadu
11	Mr. Rohit Kumar Suman	Hosur, Krishnagiri, Tamil Nadu

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New India Internship – Orientation Programme held on 07-12-2019 (HSB-133)

Mr. R. Elango, President of the Kuthambakkam village



**New India Internship
– Orientation
Programme
held on 07-12-2019
(HSB-133)**



VISION OF TVSSST

“ To partner in the transformation of rural communities and urban slums by empowering people to achieve sustainable development”

Brief details of each cluster office - TVSSST

About Padavedu:

Padavedu is a Village in Polur Taluk in Tiruvannamalai District in Tamil Nadu State. It is situated at a distance of 8 km from Santhavasal, which is on the main road connecting Vellore and Tiruvannamalai. Nestled among the hills between Arni and Vellore is a village called Padavedu. Encircled by mountains and hills, this place consists of 17 villages. Padavedu is 19.43 km distance from its Taluk Main Town Polur . Padavedu is 50.17 km distance from its District Main City Tiruvannamalai . And 180 km distance from Chennai. Padavedu is about 180 km from Chennai, the Capital city of Tamil Nadu. It is well connected by road. By car it takes four hours to reach Padavedu from Chennai.

About Hosur

Hosur is an Industrial city in Tamil Nadu, 306 kms from Chennai. SST Cluster office is located near to the factory.

About Thirukkurungudi

Thirukurungudi is a village located in Tirunelveli district of Tamilnadu. At the foot hills of Western Ghats and 40 km to the North of Cape Comerin, Thirukurungudi is a beautiful village with history dating back to more than 1000 years. Life revolves around 2 things here - agriculture and the Nambi Rayar temple. It is one of the 108 Divya desam, Hindu temples that are sacred for the Vaishnavites. It is situated in the foothills of Western Ghats in Kalakad block of Tirunelveli District. The village borders on the fringe of the Kalakad Mundanthurai Tiger Reserve. Thirukkurungudi is about 700 km from Chennai, the Capital city of Tamil Nadu. Transport facilities like trains, government and private buses; connecting the nearest main routes, say Eruvadi and Valliyur are available. Nearest airport located at Tuticorin, Thiruvananthapuram and Madurai.

About Javadhu Hills

The Javadhu Hills are an extension of the Eastern Ghats spread across parts of Vellore and Tiruvannamalai districts in the northern part of the state of Tamil Nadu in southeastern India. This range separates Vellore and Tiruvannamalai districts. Tirupattur district lies on the north-western side and Tiruvannamalai district lies on the south-eastern side of this range. The towns of Tirupattur, Vaniyambadi and Ambur of Tirupattur district are located on the north western side and the towns of Chengam and Polur of Tiruvannamalai district are located on the south eastern side. SST cluster office is located at Jamunamarathur, one of the larger villages in Javadhu Hills. It can be reached from West – Vaniyambadi or Tirupattur, from east Polur and from South Chengum.

Javadhu Hills



Javadhu Hills



Overview of Javadhu Hills

- ❖ The Javadhu Hills are an extension of the Eastern Ghats spread across parts of Vellore and Tiruvannamalai districts in the northern part of the state of Tamil Nadu.
- ❖ The area is famous for sandalwood, teakwood rosewood and different medicinal plants.
- ❖ Agriculture is the major occupation for the population comprising of 98% tribals. Paddy and samai are the main crops.
- ❖ Tamarind, jackfruit, guava, pomogranate, mango,lemon are the main fruits produced.

Problems of Javadhu Hills

- ❖ Water crisis is a major problem during summers
- ❖ Area suffers from temporary migration of the population to nearby states of Andhra Pradesh, Karnataka and Kerala
- ❖ Anaemia is widespread among the female population of the area
- ❖ Ineffective waste management has resulted in poor hygiene and sanitation problems
- ❖ Deforestation is a major issue in the area.
- ❖ Consumption of homemade illegal arrack by youth is also creating many health and social problems.
- ❖ Absence of proper road connectivity in remote villages is affecting day to day life of the population in that area.



Hosur, Krishnagiri District



Hosur, Krishnagiri District



Anganwadi



Panchayat school



lake



Farm



Check-dam site



Nutrition Programme

Hosur, Krishnagiri District



Tailoring programme



Desilted lake



Dairy training programme



Panchayat school



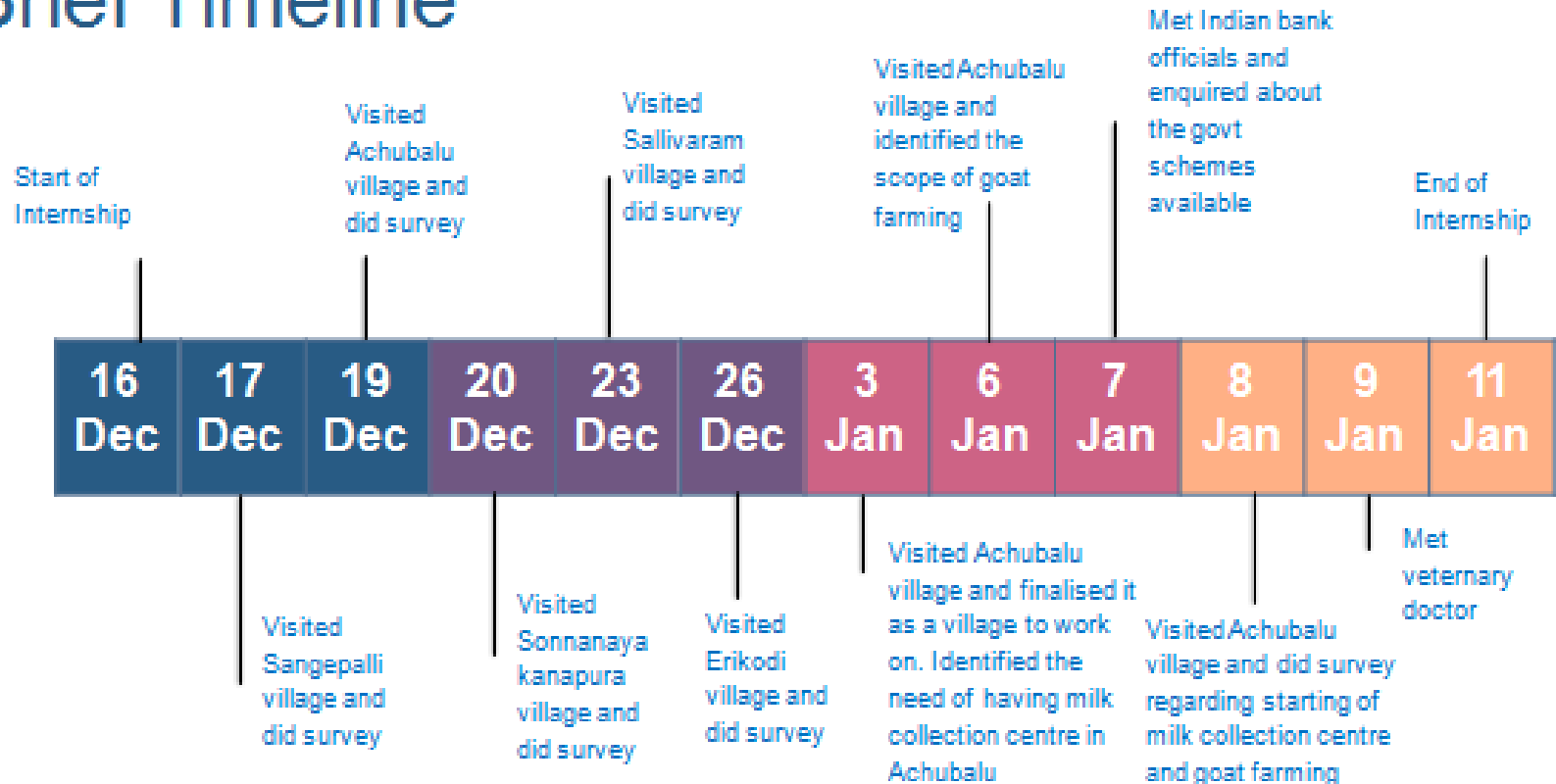
Azolla



Livestock farmer

Hosur, Krishnagiri District

Brief Timeline



Strength of Hosur, Krishnagiri District

- ❖ As per the survey done in 2018-19, there are total 116 families. Agriculture and livestock is the main source of income. The total numbers of cows is around 150. The amount of milk produced per day is around 120 litres per day.
- ❖ There is no milk collection centre in Achubalu. Middleman collects the milk at very cheap rate. But milk procuring company like Hatsun can give maximum 42 rupees per litre and average 28 rupees per litre depending on the SNF and fat content of milk.

- ❖ Hatsun prices based on the quality of milk whereas middleman prices differently for different persons.
- ❖ Hatsun also provides mineral mixture , concentration feed and veterinary doctor service at a minimum rate to its milk suppliers. Middleman provides nothing like this. Hatsun also provides training to improve the yield and quality of the milk.
- ❖ Sowith the help of Hatsun, farmers can have more income and this will empower them for sustainable development.

Weakness of Hosur, Krishnagiri District

- ❖ Most of people don't have idea about benefits of supplying milk to milk collection centre instead of to middle man. So people need to be aware regarding it.
- ❖ Weak financial condition of villagers.
- ❖ Most of people don't have knowledge about fodder and vaccination required for cattle.
- ❖ Most of the SHG's started in Achubalu have been classified as NPA(Non Performing Assets), so people belonging to that group may not get the loan for dairy related activities.

NII Interns meet Chairman and Managing Director of TVS Motor Company- Thrukkurungudi, Tirunelveli District



TVSSST - Thrukkurungudi, Tirunelveli District



Thirukkurungudi, Tirunelveli District Report

- ❖ Thirukkurungudi belongs to Nanguneri Assembly. It consists mainly three panchayat union with 66 panchayaties. It has nearly 146 schools in the cluster
- ❖ Thirukkarungudi has an average literacy rate of 72%, higher than the national average of 59.5% Rice and paddy is the main cultivation crops.
- ❖ Mahendragiri Mountain near Thirukkurungudi has abundant medicinal herbs.
- ❖ Thirukkurungudi is the home town of the founder T.V.Sundara Iyengar of T.V.S group

Objective of Internship in Thrukkurungudi

- ❖ Identify the slow learners and suggests effective teaching methodologies to techniques to improve them
- ❖ Identify the reasons behind disinterest of illiterate woman towards adult education
- ❖ Suggesting simplified teaching and learning technique for school education and adult education respectively

Problems in Thruckurungudi

- ❖ Lack of interest
- ❖ Criteria for identifying slow learner should be changed
- ❖ Method of teaching has to be changed
- ❖ Home environment
- ❖ No proper guidance by parents
- ❖ No clear vision among students
- ❖ Poor communication skills
- ❖ Lack of faculty

Suggestion for teaching methods in Thrukkurungudi

- ❖ Live example should be taught be in class
- ❖ Motivation from parents and teachers
- ❖ Practical approach for better understanding of concepts
- ❖ Field visits
- ❖ Developing reading and writing skills in English and competency among students
- ❖ Game and fun based learning methods
- ❖ Triggering the students to talk in English by providing incentives
- ❖ Conduct weekend exams and complying the weekend results
- ❖ Making the students to prepare their own questions after completion of concepts and exchange among themselves and ask them to solve
- ❖ Reduce number of schools under EDF

Problems in adult education - Thrukkurungudi

- ❖ Due to lots of work (household and their income generation work)
- ❖ Over-dependence on their partners
- ❖ No proper infrastructure
- ❖ No proper syllabus Suggestions for adult education
- ❖ Make them realise the importance of reading and writing
- ❖ Making them capable of filling essential documents (bank challans, loan documents, etc.,)

Padavedu



Padavedu, Thiruvannamalai District, Tamil Nadu

Description of the Assignment

Objectives :

To conduct an impact assessment survey among the Self Help Groups in the Padavedu cluster .We are looking at various Self Help Groups (Income Generation Programmes)* in the Padavedu cluster, and observing them on the following parameters :

1. Nature of the work being done by the members
2. Data collection on manufacturing costs, transportation costs, and final returns
3. To analyse the impact of IGP's in families and the community.

We have been given a list of villages where income generation activities happen through Self Help Groups, and our research was mainly based on direct interviews with the respondents and we have recorded their response.

We will be looking at them from various vantage points and arrive at a conclusion that may suggest feasible changes in the process.

Name of the Villages visited in Padavedu

- | | |
|-----------------------------------|------------------|
| ❖ Padavedu | ❖ Thurinjukuppam |
| ❖ A K padavedu and Renukondapuram | ❖ Athimalaipattu |
| ❖ Samanthipuram | ❖ Puthupalayam |
| ❖ Ananthapuram | ❖ Kattukanallur |
| ❖ Patrangulam | ❖ Mullipattu |
| ❖ Erikuppam | ❖ Pettai |
| ❖ Mukurumbai | ❖ Nainavaram |
| ❖ Chinna Santhavasal | ❖ Ramapuram |
| ❖ Kelur | ❖ Marasuro |

Activities observed in Padavedu

- ❖ Pottery
- ❖ Bamboo Products
- ❖ Vermicompost
- ❖ Poultry
- ❖ Cattle Rearing
- ❖ Dairy farming
- ❖ Banana Fibre products
- ❖ Silk Weaving
- ❖ Tailoring
- ❖ Arecont
- ❖ Plates
- ❖ Agriculture
- ❖ Terracotta Jewellery &
- ❖ Jute products

General Observations in Padavedu

- ❖ Increased group participation and community participation
- ❖ Economic Stability
- ❖ Increased awareness on income generation opportunities
- ❖ Increased interest in providing education to kids.

Work related observations

- ❖ Increased inclination towards traditional forms of work – consistent income | lesser risk
- ❖ Need more motivation towards taking up other works
- ❖ Inhibitions - family circumstance, location of the training centre, amount of risk taken in new activities
- ❖ Marketing

Suggestions of Padavedu

- ❖ Decentralised Training Centers
- ❖ More marketing strategies (Vellore Factories)
- ❖ Networking orders in Kannamangalam cluster
- ❖ More awareness on new opportunities
- ❖ Evaluation for every 3 months on new activities.



New India Internship 2019-2020

NEEADS, Kancheepuram



THANK YOU