

# Project : Data Analytics

phase 2: Innovation

Project: TN marginal workers



● The number and demographics of marginal workers in

**INTRODUCTION:**

Marginal workers, also known as informal sector workers, are a significant proportion of the workforce in Tamil Nadu (TN). They are defined as those

who work less than 6 months in a year and are often employed in low-paying, hazardous, and unstable jobs. Marginal workers are particularly vulnerable to poverty

and exploitation, as they often lack access to social security benefits and have little

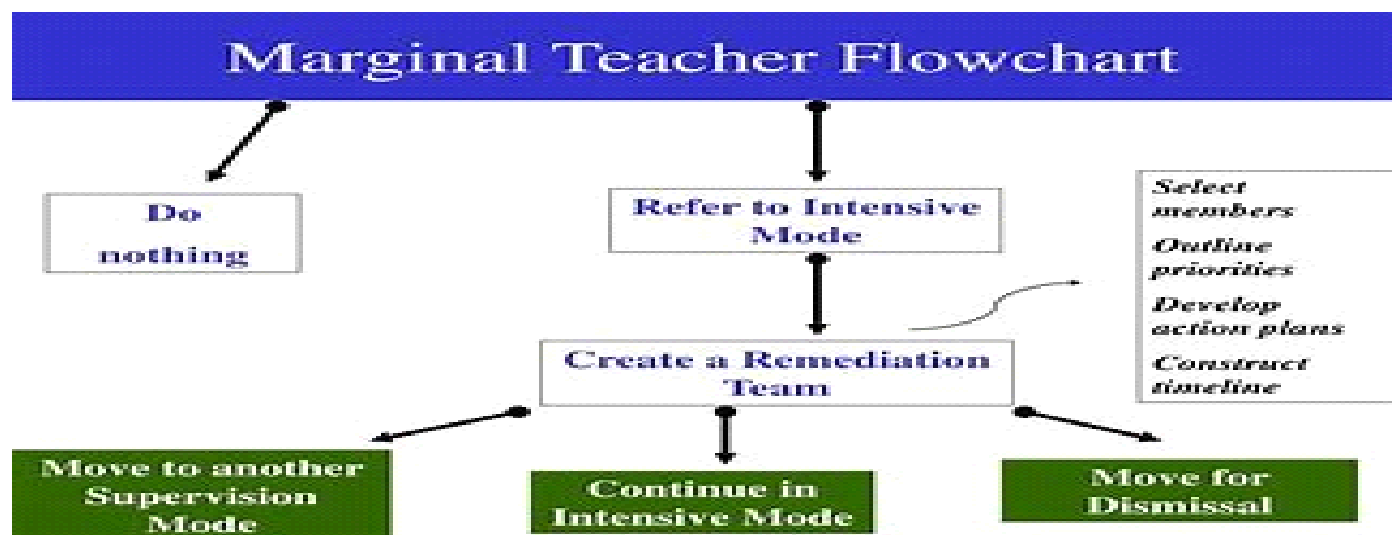
bargaining power.

An assessment of marginal workers in TN is important to understand their needs and

challenges, and to develop policies and programs to improve their livelihoods.

The

assessment should cover a wide range of issues, including:



Innovation for the TN MARGINAL WORKERS assessment project could focus on

developing new and more effective ways to identify, assess, and support marginal

workers in Tamil Nadu. Some possible areas of innovation include:

- Using technology to improve the efficiency and accuracy of the assessment

process. For example, mobile apps or voice-based surveys could be used to collect data from marginal workers, and machine learning algorithms could be

used to analyze the data and identify workers who are at risk of falling behind.

- Developing new assessment tools that are more tailored to the needs of

marginal workers. For example, tools that are designed to be used in low-literacy

settings or that take into account the unique challenges faced by women and girls could be developed.

- Partnering with local businesses and organizations to provide marginal workers

with access to training, employment opportunities, and other support services.

For example, training programs could be developed to help marginal workers develop the skills they need to succeed in the modern workforce, and job

placement services could be provided to help them find employment.

Here are some specific examples of innovative approaches that could be used in the

TN MARGINAL WORKERS assessment project:

- Using artificial intelligence (AI) to identify marginal workers from social media

data. AI could be used to analyze social media data to identify people who are using keywords or phrases that are associated with marginalization, such as

"migrant worker," "daily wage earner," or "informal sector worker." This data

could then be used to target outreach and assessment efforts.

- Using blockchain technology to create a secure and tamper-proof database of

marginal worker assessments. This database could be used to store and share

information about marginal workers in a secure and confidential way. It could also be used to track the progress of marginal workers over time and to identify

those who are most in need of support.

- Using mobile apps to assess the skills and knowledge of marginal workers.

Mobile apps could be developed to assess the skills and knowledge of marginal

workers in a variety of areas, such as literacy, numeracy, and vocational skills.

This data could then be used to develop personalized training and employment

plans for marginal workers.

- Partnering with local businesses to provide marginal workers with on-the-job



training and employment opportunities. Local businesses could be encouraged to provide marginal workers with on-the-job training and employment opportunities. This could be done through government incentives, tax breaks, or other forms of support.

By using innovative approaches, the TN MARGINAL WORKERS assessment project

can be made more efficient, accurate, and effective. This can help to ensure that

marginal workers in Tamil Nadu have the support they need to succeed.



Marginal workers in Tamil Nadu face a number of challenges, including low wages, limited job security, and poor working conditions. Innovation can play a vital role in addressing these challenges and improving the lives of marginal workers.

There are a number of specific ways to promote innovation in the context of marginal workers in Tamil Nadu, such as:

- Establishing innovation hubs
- Fostering collaboration between government,

businesses, and NGOs

- Providing funding for innovative projects
- Recognizing and rewarding innovation

In addition, it is important to create an environment that is conducive to innovation, such as fostering a culture of entrepreneurship and risk-taking.

By taking these steps, we can create a more innovative ecosystem that supports marginal workers in Tamil Nadu.