

# **EMERGING EDUCATION PATTERN IN TAMIL NADU**

**Presented By**

**Dr. C. Chellappan**

**Former Dean, Anna University,**

**Professor & Principal, GKMCET, Chennai**

**Date: 12-01-2018**

**3<sup>rd</sup> Meeting of Springboards Council Presentation**

# Outline

2

- Need for education
- Education trends and changes
- Emerging education patterns in Tamil Nadu
- Emerging education patterns – briefing
- Aligning Springboard activities

# Education - Need

3

## □ **Education:**

- ▣ One of the fundamental factors of development.
- ▣ Enriches people's understanding of themselves and of the world.
- ▣ Raises people's productivity and creativity and promotes entrepreneurship and technological advances.
- ▣ Plays a very crucial role in securing economic and social progress and improving income distribution.
- ▣ Acts as an integrative force in society, imparting values that fosters social position and national identity.

# Education - Need

4

- ❑ **Broad aims of education** [National curriculum framework guidelines ,2005 ]
  - ❑ Independence of thought and action.
  - ❑ Sensitivity to others' well being and feelings.
  - ❑ Learning to respond to new situations in flexible and creative manner.
  - ❑ Predisposition towards participation in democratic processes.
  - ❑ Ability to work towards and contribute to economic processes and social change.

# Govt. of Tamil Nadu – Vision 2023

5

## **Box No. 13.1 Education and Skill Development - Vision 2023**

Aims to establish robust human resources by adopting following measures:

- Providing universal access, equity, quality at primary, upper primary, secondary and higher secondary level.
- Increasing the enrolment in higher education (including vocational education) to over 50%.
- With focus on employability in manufacturing and service sector, train and skill 20 million people - people entering job market 15 million, and people already part of working population 5 million.

As part of the skill developed programme the key intervention are:

- Large scale skill development programme to impart basic training to unskilled labour primarily agriculture workforce (bottom of the pyramid).
- Employability programme for skilled level (middle layer in the pyramid) to deliver industry relevant skills key growth sectors.
- Setting up of centre of excellence in the area of automotive technology, solar and clean energy technology, biotechnology, agricultural practices, water resources management, construction management, lifestyle diseases, aerospace, basic science, nano-technology and social sciences.
- Focus on “train the trainers” programmes in different sector by setting up specialized training institutes.

Upgrading middle and high schools	Rs. 5,000 Crore
Skill Development for vocational training to 20 million people	Rs. 11,000 crore
Setting up of Centres of Excellence across 11 identified areas	Rs. 3,000 Crore
Total	Rs. 19,000 Crore

**Source: Vision 2023, Government of Tamil Nadu.**

# Education Trends and Changes

6

- ❑ Traditional courses not the preference any more among student fraternity.
- ❑ Students seek **new courses and options** like radio jockeying, news anchoring, event management, content writing, and other courses which are the most sought after courses.
- ❑ **Innovative mode of learning and coaching** preferred like e-learning, distance learning, interactive CD ROM, and other modes of learning.
- ❑ **Widening of courses** and the changing trends in education sector provides broader choice for students to **decide their career** as per their **core interest and aptitude**.

# Emerging education patterns in Tamil Nadu

7

1. Integrated and theme-based learning
2. Assessment based performance measurement
3. Multi-lingual Learning Medium for Young Adults
4. Professional development of teachers
5. Game/Activity based Learning
6. Online courses and supplementary materials in new subjects
7. Focus on career skills beyond degrees
8. Digitizing Education

# Integrated and theme-based learning

8

- Integrated learning solutions that seamlessly combine print and digital modes.
- Solutions to be teacher-friendly, assessment-enabled, and theme or activity-based as well.
- Enable contextual learning through multiple disciplines which clears the concepts of learners to a great extent.





# Assessment based performance measurement

9

- Assessments - a potent tool to evaluate learner's performance as well as the effectiveness of teaching strategies.
- Huge focus on measuring student outcomes and performance both online and offline.



**Assessments**

# Multi-lingual Learning Medium for Young Adults

10

- Medium of teaching highly significant to create understanding of subject.
- Use of mother tongue to deliver learning instructions enables faster and better understanding of concepts, especially in the case of young adults.
- Educational organization focus towards developing contents that provide multi-lingual support. (Medium: English, National Language – Hindi and Regional Language - Tamil).

Good Morning

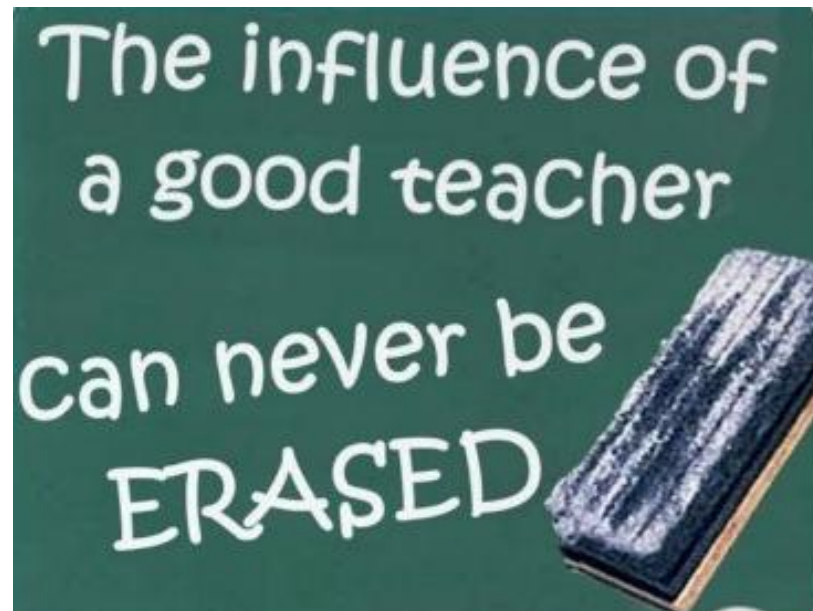
காலை வணக்கம்

Kālai vaṇakkam

# Professional development of teachers

11

- Teachers – Pivotal role in education ecosystem.
- Continued focus on the professional development of teachers highly essential.
- Continued progress through a combination of online and offline learning modules.



# Game/Activity based learning

12

- Young learners have a keen interest in games.
- This approach is perfect for adults to garner the attention of the children towards studies.
- Apart from making the learners understand the concepts, game-based learning also helps in enhancing the learners' self-morale, confidence.



# Online courses and supplementary materials in new subjects

13

- More surprising subjects are expected to be taught online for Indian audience.
- Increase in supplementary materials like demonstration videos, experiments available online.



# Focus on career skills beyond degrees

14

- Focus on career skills, not just degrees.
- Traditional degrees like a bachelors or masters not sufficient anymore for successful career.
- Focus on specific skill for a specific job profile



# Aligning springboard activities

15

6. Equip the students with social, moral and ethical responsibilities by organizing relevant sessions.
7. Focus on improving quality of education in science and mathematics – ability to think logically, formulate and handle abstractions.

**Thank you**