



## Naan Mudhalvan (I am the best **I**) A massive upskilling Initiative

Preparing today's youth for tomorrow's world Launched on - 1<sup>st</sup> March 2022 An Initiative from Govt. of Tamil Nadu https://naanmudhalvan.tn.gov.in





### **TAMIL NADU SKILL DEVELOPMENT CORPORATION Naan Mudhalvan** (I am the best) A massive upskilling Initiative for youth of TN

Preparing today's youth for tomorrow's world



Provides skill training to about 10 Lakh youth annually and makes them industry – ready



Create an integrated ecosystem with all the stakeholders in skilling and education and reach every youth of TN via a **technology** driven platform

**Every youth** to be reached – Schools, Colleges, Dropouts, working professionals, women empowerment etc.

School Education - Career guidance, faculty development, skill interventions, transferable skills etc.



100+ Free Courses, (Engineering, Polytechnique, Arts & Science, ITI) are enabled



Internships, Apprenticeship, placement support, Hackathons for students





#### **Industry-relevant skill** training courses at free of cost to achieve their career goals.

Employability skills, Digital Skills, Language skills for every student.



#### **Higher Education – Mandatory**

**Courses** (compulsory elective every semester) for Engineering students, Arts & Science students. Polytechnic and ITI's

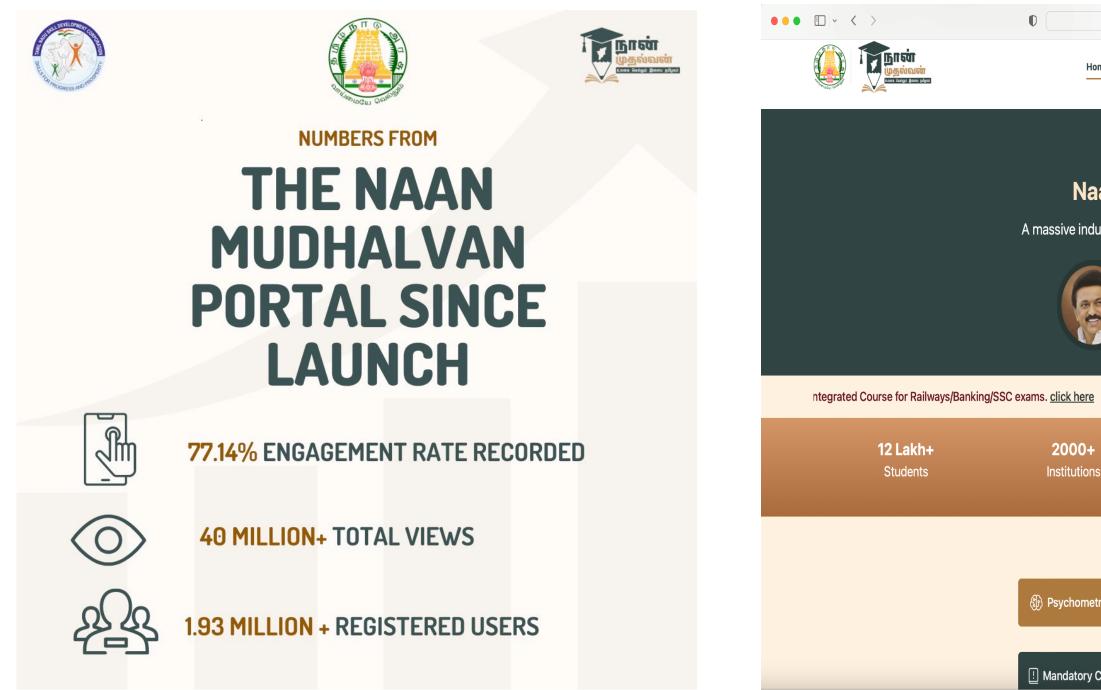
(MICRO CRENTIALS)



Finishing Schools program for the youths



### Naan Mudhalvan **Digital Footprint in last 10 month**



Unified and Massive skilling platform which manages the entire skill training in hybrid mode - Online learning through LMS of the Training Partner through SSO + Physical hands-on Training



|                 | 🔒 naanmudhalvan.tn.gov.in |            |                                   |                  |            |                                         | Ç           |                                    |               |                                          |             | Û      | + | G |
|-----------------|---------------------------|------------|-----------------------------------|------------------|------------|-----------------------------------------|-------------|------------------------------------|---------------|------------------------------------------|-------------|--------|---|---|
| Home A          | About Us                  | Mentors    | Skill Offerings                   | Jobs             | EOI        | Industry Speaks                         | Internships | Hackathons                         | Gallery       | Service Desk                             | Logir       |        |   |   |
|                 |                           |            |                                   |                  |            |                                         |             |                                    |               |                                          |             |        |   |   |
| Naan            | Mud                       | lhalv      | an Ups                            | killi            | ng         | Platform                                | n           |                                    |               |                                          |             |        |   |   |
| industry        | relevant                  | t skill en | hancementi                        | initiati         | ve foi     | r the Youth of                          | Tamil Nad   | u.                                 |               |                                          |             |        |   |   |
|                 | " தமிழ்                   |            |                                   |                  |            | ணவரையும் விட, தரமு                      |             |                                    |               |                                          |             |        |   |   |
|                 | தகுதியும்                 | குறைந்தவர் | கிடையாது என்பன                    | தக் காட்(        | டும் திட்ட | _ம் தான் நான் முதல்வ                    | i còr . "   |                                    |               |                                          |             |        |   |   |
| <u>here</u>   🦛 |                           |            |                                   | -                |            | _ம் தான் நான் முதல்வ<br>c/Banking/SSC-I |             | <mark>ıs! <u>click here</u></mark> |               | Fo participate                           | e in TN Ski | Ils cı |   |   |
| here   4        |                           |            |                                   | -                |            | s/Banking/SSC-I                         |             | ıs! <u>click here</u>              | ( <b>11</b> ) | To participate<br><b>50+</b><br>Partners | e in TN Ski |        |   |   |
| )0+             |                           | ation-Inte | grated course<br>300+             | e for Ra         |            | s/Banking/SSC-I                         | Examination | ns! <u>click here</u>              | 🗢 1           | 50+                                      |             |        |   |   |
| )0+             |                           | ation-Inte | egrated course<br>300+<br>Courses | e for Ra         |            | s/Banking/SSC-I                         | Examination | ıs! <u>click here</u>              | 0             | 50+                                      |             |        |   |   |
| )0+             | Notifica                  | ation-Inte | egrated course<br>300+<br>Courses | e for Ra<br>Vith |            | s/Banking/SSC-I<br>2<br>M               | Examination | is! <u>click here</u>              |               | 50+                                      |             |        |   |   |



# Naan Mudhalvan – Last one year

**Target** : 1 Million trainees/ Annum.

| Training Details  | Engineering<br>Colleges | Arts & Science Colleges | Total     |
|-------------------|-------------------------|-------------------------|-----------|
| Faculties Trained | 12,582                  | 7,835                   | 20,417    |
| Students Trained  | 4,60,734                | 8,53,785                | 13,14,519 |
| Colleges covered  | 483                     | 861                     | 1,344     |

#### Offered in Engineering Skill Courses **Colleges**: Big Data, Blockchain, Cloud Essentials, AR/VR, Full Stack, AI/ML, Data Analytics, Cyber Security, Electric Vehicles, Building Information Management, CNC, Meta Verse, Industry 4.0, Powering IOT, Robotics, etc.

AI, Business Analytics, Cyber Security, Digital Marketing, Fintech, Google Android App development, Python Programming, Logistics, Medical Coding, etc.



### Trained : 13,14,519 (1.31 M) (within 1 year from inception).

#### Skill Course Offered in Arts & **Science Colleges :**









### TAMIL NADU SKILL DEVELOPMENT CORPORATION Naan Muchalvan – Skill Certification



- Joint Certification by Tamil Nadu Skill Development Corporation & Industrial Training Partner which carries 2/3 credits, which is mandatory for the completion of the degree programme
- Each student will earn 2-3 credits/course in each semester, as we have made one industry-relevant skill course/semester as mandatory as part of the degree programme.

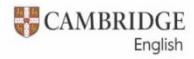






| Upskill<br>from Cambridge                                                                                                                                                                               |                                                                 | -03-30             | Candidate ID<br>ENG_60152 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|--------------------|---------------------------|
| Test Report                                                                                                                                                                                             |                                                                 |                    |                           |
| Candidate Name                                                                                                                                                                                          |                                                                 |                    | 00                        |
| VINOTHA S                                                                                                                                                                                               |                                                                 |                    | Ē                         |
|                                                                                                                                                                                                         |                                                                 |                    |                           |
|                                                                                                                                                                                                         |                                                                 |                    |                           |
|                                                                                                                                                                                                         | READING                                                         | WRIT               | ING                       |
| On the CEFR scale                                                                                                                                                                                       | B1                                                              | B1                 |                           |
| B1                                                                                                                                                                                                      |                                                                 |                    |                           |
|                                                                                                                                                                                                         | SPEAKING                                                        | LISTE              | NING                      |
|                                                                                                                                                                                                         | A2                                                              | B1                 |                           |
|                                                                                                                                                                                                         |                                                                 |                    |                           |
|                                                                                                                                                                                                         |                                                                 |                    |                           |
| These results show that the candidate can:                                                                                                                                                              |                                                                 |                    |                           |
| Produce a short series of simple phrases and se<br>Understand the general meaning of short, non-r<br>Write straightforward messages to colleagues, o<br>Understand the main ideas of clear speech on fa | outine messages and longer a<br>customers, or contacts at other | r companies on a r |                           |
|                                                                                                                                                                                                         |                                                                 |                    |                           |









## Naan Mudhalvan: - Our CSR Partners for Skilling (Highlights : 0.61 million students trained in 2022-23)



CSR Mobility – Value of ~ Rs. 215 Crore within a year



cisco edunet

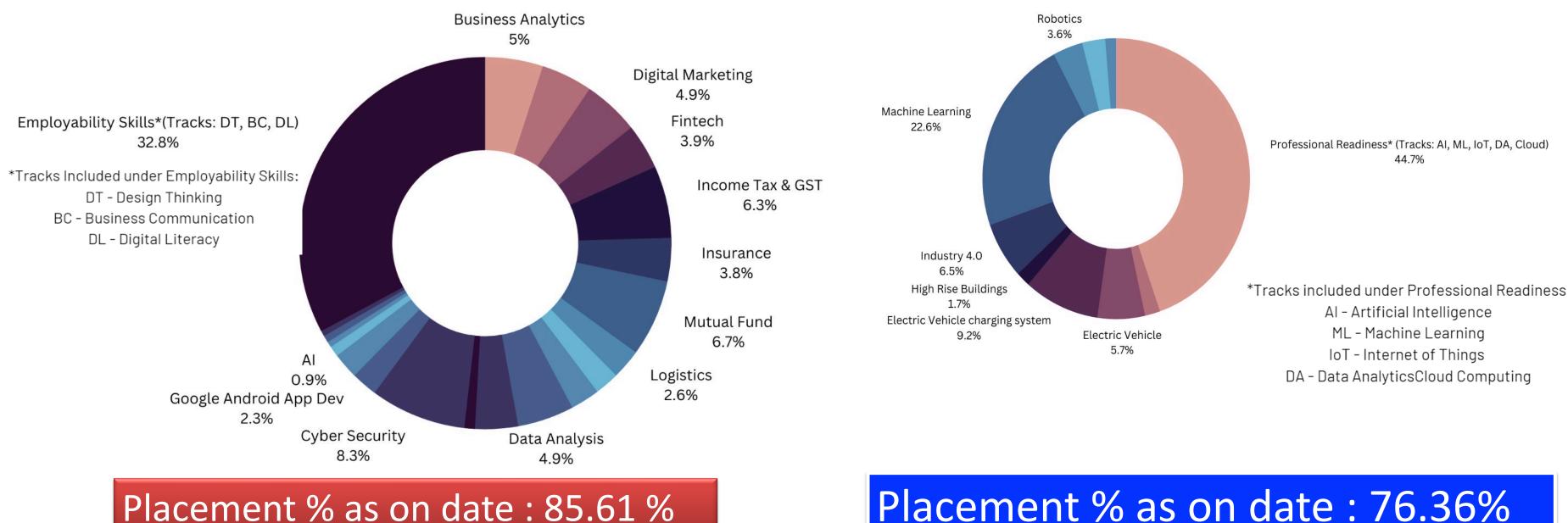
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## **Naan Mudhalvan Skill Registry for Industries**

District wise, college wise, sector wise students trained details can be accessed by the industries to match their needs and do focused placement drives.

## **Arts & Science**





### Engineering



### **TAMIL NADU SKILL DEVELOPMENT CORPORATION** Hackathons – Internships – Industrial Visits.

- > IIT Madras Research Park is mentoring & offering internships for NM students
- > **IIT Madras LEAP program**, a learning through activity program is proposed to start from next semester for inculcating a mindset on reverse engineering
- > IIT Bombay Mapathon program Solving real time problems through creating maps
- > IIT Bombay Snippets stipend program in collaboration with National virtual library of India, Indian Culture & IIT B
- > NM Architectural visualisation students will participate in IIT Bombay Virtual walkthrough competition of IIT Bombay & Indian Culture
- > Virtual internship with Microsoft for NM students with Industry mentoring & global certification
- > Facilitating industrial visits at Centres of Excellence in collaboration with TANSAM, TANCAM, Siemens & Dassault



tm resear Bringing unlike minds together



Indian Institute of Technology Bombay







Discover, Learn, Immerse, Connect

Microsoft

## **Overview of Apprenticeship**

#### Apprenticeship

- Apprentice is a person who is learning a trade from a skilled employer, having agreed to work for a fixed period of time.
- Apprenticeship Training consists of basic training and OJT (On-Job-Training) at workplace in the industry.

### Applicability

- Mandatory to undertake apprentices in a range from 2.5%-15% of its workforce if establishments having work force of 30 or more.
- Optional for establishments having a workforce between 4 – 29
- Not permitted for establishment having 3 or less workforce



#### Acts

#### National Apprenticeship Promotion Scheme (NAPS) (from 5<sup>th</sup> Std to ITI) Under

#### Ministry of Skill Development and Entrepreneurship, Govt. of India

National Apprenticeship Training Scheme (NATS) (Diploma, Degree and Engg.) under

**Ministry of Education. Govt. of India** 

## **Apprenticeship - Benefit to Industries**



#### **Operational**

- Apprentices can be engaged at any time in a year
- Industry can design and run Apprenticeships in customized courses
- Steady stream of skilled workforce at entry level
- Can engage apprentices in any of the working shifts

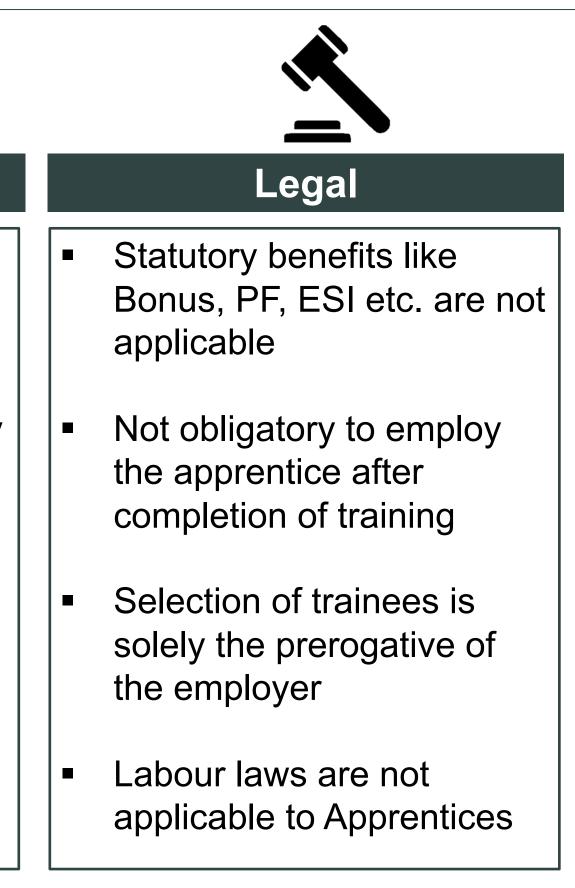


#### Commercial

- CSR benefits above 2.5% apprentices – use CSR funds for stipend.
- 50% of Stipend covered by Government
- Apprentice route less costly in longer term than regular hiring







### **Apprenticeship Stipend Norms**

|      | NAPS<br>(25% or Max Rs 1500 from           | Govt.)             | NATS<br>(50% contribution from Govt.) |                                                                              |                                        |                    |  |  |
|------|--------------------------------------------|--------------------|---------------------------------------|------------------------------------------------------------------------------|----------------------------------------|--------------------|--|--|
| S No | Educational Qualification                  | Monthly<br>Stipend | S No                                  | Educational Qualification                                                    | Category of<br>Apprentice              | Monthly<br>Stipend |  |  |
| 1    | School pass-outs (class 5th - 9th )        | Rs.5000/-          | 1                                     | Graduate (Engg, Arts & Science)                                              | Graduate<br>Apprentice                 | Rs.9000/-          |  |  |
| 2    | School pass-outs (class 10th)              | Rs.6000/-          | 2                                     | Graduate Sandwich Course<br>Students (2 spells for 6 months)                 | Graduate<br>Apprentice<br>(Sandwich)   | Rs.8000/           |  |  |
| 3    | School pass-outs (class 12th)              | Rs.7000/ -         | 3                                     | Diploma                                                                      | Technician<br>Apprentice               | Rs.8000/-          |  |  |
| 4    | National or State certificate holder (ITI) | Rs.7000/-          |                                       | Sandwich Course Student of<br>Polytechnic College (2 spells for 6<br>months) | Technician<br>Apprentice<br>(Sandwich) | Rs.7000/-          |  |  |





### **New Activity**

| Factory Skill Schools<br>(FSS) Model   | <ul> <li>FSS is for Medium &amp; Large Scale Industries and<br/>infrastructure to conduct Skill Training within their estable</li> <li>Post Training, Trainee can be placed within that companies</li> <li>This allows trainees to get exposed to the Industrial a<br/>(OJT)</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |  |  |  |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|
| Centre Of<br>Excellence (CoE)<br>Model | <ul> <li>CoE are Leading Industries dealing with emerging techn</li> <li>CoE can apply for any of the mentioned Job roles, provijob role.</li> <li>CoE can quote rates for candidates equal to/more than not applicable)</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |
| CSR Model                              | <ul> <li>CSR component is introduced to recognize and formalize<br/>TNSDC is the Apex Nodal agency for Skill development.</li> <li>Under CSR Model, anyone can apply for Empanelment will be borne by TNSDC</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |
| Mobilisation cum<br>Placement Partner  | They will be responsible for mobilising the unskilled, ski against existing vacancies. Rs. 2000/- per candidate for to the second structure of the |  |  |  |  |  |

### Interested Industries can apply the EOI : http://tnskill.tn.gov.in



Industry Association that have the requisite blishment ny/sister concerns or associated establishments.

atmosphere and also promotes On Job Training

nologies/equipment & high-end infrastructure /ided they can place the candidates in the said

the Common cost norms (Competitive bidding

e Skill training institutions in Tamil Nādu since

with training costs free and Assessment costs

the partner.



## **Naan Mudhalvan - Best Practices**

**1**. Academic flexibility with Skill based courses are being offered using "Cafeteria Approach" to students

#### 8. Partnerships and collaboration

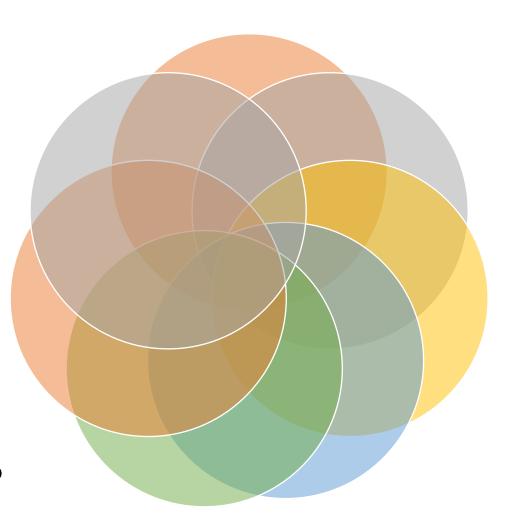
with institutions for curriculum revision with Industries representatives and academic experts to peer review revised syllabi

#### 7. 21<sup>st</sup> century skills and Digital

skills are made as part of the curriculum

#### 6. Industry-Academia partnership to

inculcate students with real-time training in their chosen field via live projects/internships/Hackathons



#### 5. NM Student Skill registry

for connecting the Industry and the students for campus placement

### https://naanmudhalvan.tn.gov.in

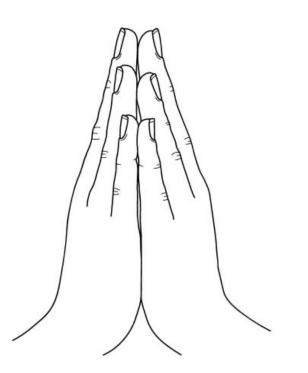




#### 2. Industry relevant skill training has been made as mandatory in each semester as part of the curriculum with 2/3 credits (Micro credentials)

**3. Training is being offered by global /national Industrial partners** with project-based learning through industry use cases (Joint Certification)

4. Communication in basic **English and life skills** will boost the confidence of the students



Thank You

- : jp@drjponline.in Email



### Dr M Jayaprakasan, ISDS.,

- CEO, Naan Mudhalvan
- Tamil Nadu Skill Development Corporation
  - ceo@naanmudhalvan.in
- Mobile : 98404 01002