



NAAN MUDHALVAN

(I am the best)

A transformative skilling initiative in higher education

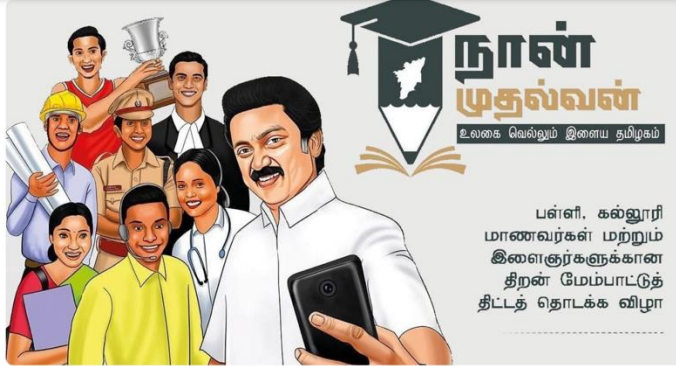
**Tamil Nadu Skill Development Corporation
(TNSDC)**

Dr M. Jayaprakasan, ISDS.,
(Indian Skill Development Service)
CEO, Naan Mudhalvan Skill Initiative
(on deputation from DGT, MSDE)

Naan Mudhalvan will become unknown, Unpopular & Useless Scheme

LinkedIn

Articles People Learning Jobs



My view on - How TN will be benefited by the Naan Mudhalvan scheme?



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INTRODUCTION

I expected the Naan Mudhalvan scheme will become an unknown scheme in future and it will also become a unpopular and useless scheme. But after the completion of my MICROSOFT OFFICE 365 PRODUCTIVITY SUITE OFFERINGS Advance level, I really amazing that How can a government system work with it's entire power for providing a valuable course with good efficient by continuous surveillance. This make me to write this article in linkedin platform with extreme happy before posting my course completion certificate.

NAAN MUDHALVAN SCHEME

CONCLUSION

I wants to say one thing here that this scheme was one of the fantastic scheme in the TN Education schemes. And also I see this scheme as this was the milestone of TN graduates development era. And the contribution of Microsoft, Veranda learning, Guvi, Swayam NPTEL, Autodesk, etc. was really appreciable. I hope that TN students will become shiner by using this scheme.

MY CERTIFICATION



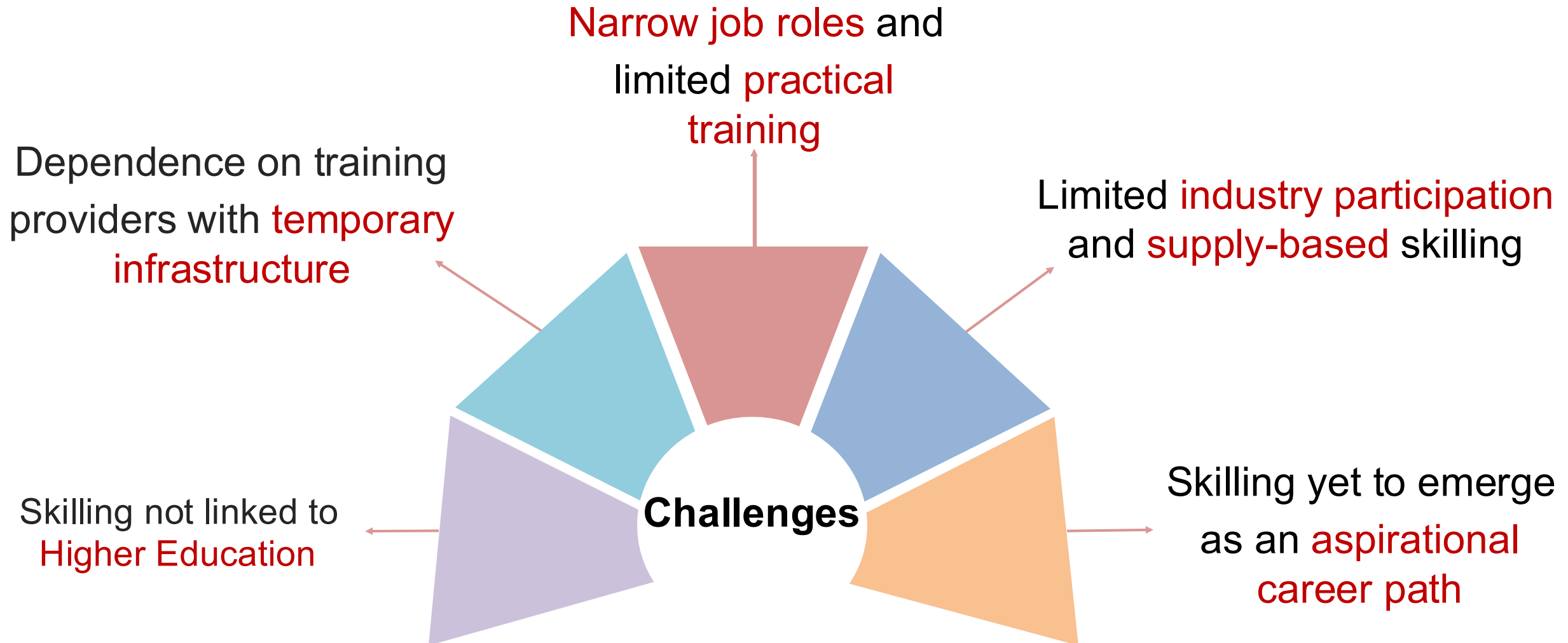
MICROSOFT OFFICE 365 PRODUCTIVITY
SUITE OFFERINGS
ADVANCE LEVEL



This is to certify that **Dhanaseelan S** has successfully completed the
Digital Training on Microsoft Office 365 Productivity Suite Offerings Advance Course
offered by Naan Mudhalvan in partnership with Microsoft on January 02, 2023



Challenges in Skilling





TAMIL NADU SKILL DEVELOPMENT CORPORATION

(100 % Fully funded/Owned by Govt of Tamil Nadu)



Started in 2009 – first state skill mission in the country

Vision

Transform the youth of Tamil Nadu into **skilled human resources** by training them with **industry-relevant skills** on par with national and global standards by addressing the existing and future skill demand.

Mission

- Provide **skilling to be outcome-centric**, enabling employment including self-employment, entrepreneurship and opportunities for overseas employment.
- Enhance the productivity of the existing workforce by **skilling, upskilling, re-skilling, and Recognition of Prior Learning (RPL)** with upskilling, aligning with NSQF.
- Identify and Implement skilling for **new-age technology and future skills**, including Industry 4.0 to meet the demand of the industries.
- **Provide recognized certifications** for the skills acquired, enhancing the value of these skills in the job market.
- Regularly monitor and evaluate the outcomes of the skill development programs to ensure their **effectiveness and impact**.

Dual Body Recognition

TNSDC is recently recognised as an Awarding and Assessment Body by National Council for Vocational Education and Training (NCVET), Govt. of India.



- ✓ Job oriented short term training is being conducted across the state through the empaneled Training partners (TPs – Govt. and Pvt), Govt ITIs, Polytechnic etc.,
- ✓ TNSDC has conducted training on NSQF-aligned and Non-NSQF (demand-based) courses across various sectors and so far, 5,29,170 trainees have been trained and assessed through SSC (NSQF).
- ✓ TNSDC can support the industries to get their custom/demand driven skill courses for getting recognised by NCVET as per national skill qualification framework (NSQF) levels



Skill Ecosystem in Tamil Nadu

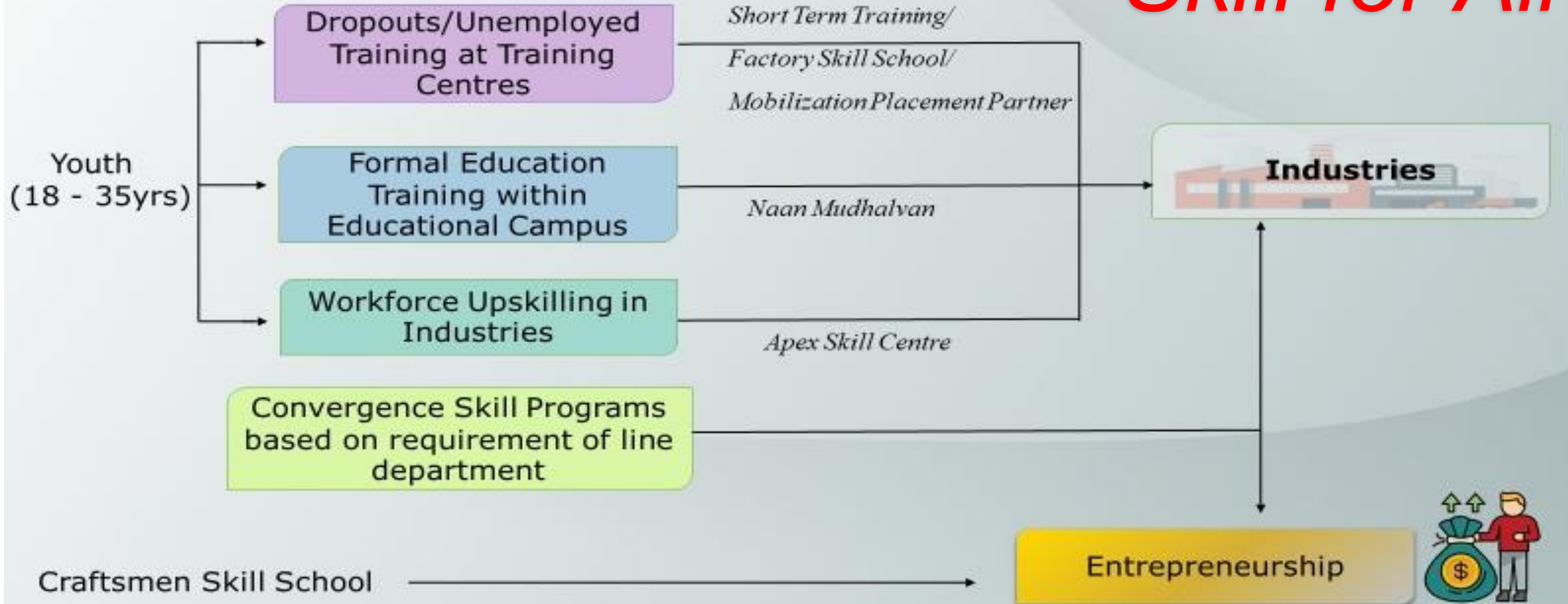


- Second largest economy in the country
- Produces largest number of Engineering graduates
- Robust network of HEI Universities (56),
Engineering Colleges (501), Arts & Science (935)
Polytechnic Colleges (459)
- Skilled human resources- Unique competitive advantage



Ecosystem

Skill for All





TNSDC

Naan Mudhalvan

- Short-Term – Industry Demand Skill Training through third-party training providers /centers and Placement support.
- Factory schools (Industry as Training Centre)
- Naan Mudhalvan Finishing Schools
- Recognition of Prior Learning

Target Group: (BLUE COLLAR WORKFORCE)

- School Dropouts,
- Unemployed youth,
- Working Professionals,
- Women Empowerment,
- Traditional Skills
- Craftsmen Skill Schools

- Transformative, Massive upskilling Initiative in Higher Education in TN for the **Students of**
 - ❖ Engineering colleges
 - ❖ Arts & Science Colleges
 - ❖ Polytechnics,
 - ❖ Industrial Training Institutes (ITI's)
- **Launched by the Honorable CM of Tamil Nadu on 1st March 2022**
- Skill Training will be at **ON-CAMPUS** and will be provided by global/nationally renowned **Industrial Partners**.
- Every semester, **one Industrial Ready course** has been made mandatory, approved by the board of studies of the university and will **carry 2-3 credits** as part of the curriculum and the **marks will be reflected** in the marksheet of the students
- Holistic development – **English Language skills, digital skills, employability skills** are mandatory for all.
- **Preplacement** support through campus placement, Support on **Internship / Hackathon / Apprenticeship**

1. Naan Mudhalvan - Overview

The Problem Statement



Employability of graduates



Skill gap between curriculum and industry



Upskilling in emerging technology, communication skills



The Solution - Naan Mudhalvan



Bridge skill gap



Holistic development in youth



Industry relevant skills



Dynamic learning environment



Sector-wise demand analysis



Diminishing the Urban-rural divide

What is Naan Mudhalvan?

(Enable preplacement instead of Placement)

- ❖ A massive skilling initiative by the Government of Tamil Nadu **to empower the youth of the state to gain industry relevant employable skills.**
- ❖ The program has been launched with three primary objectives,
 - ❖ To help Students (skilling & Preplacement, internship, Hackathon)
 - ❖ To empower Colleges (faculty development and upskilling)
 - ❖ To enable Industries & Corporates (skilled workforce, Demand driven Skills)

All the skill training offered are at No Cost for the students and Faculties.
100 % financial support from Govt. of Tamil Nadu

Naan Mudhalvan

Key Features



Flagship program of the Government of Tamil Nadu to **make youth employable** through industry-relevant skilling.



Courses offered **by industry experts** in physical and hybrid (virtual Instructor based)



Offered as **Mandatory Credit Courses** and integrated into the curriculum



Industry-relevant skill training courses identified and curated through **Industry-academia collaboration**



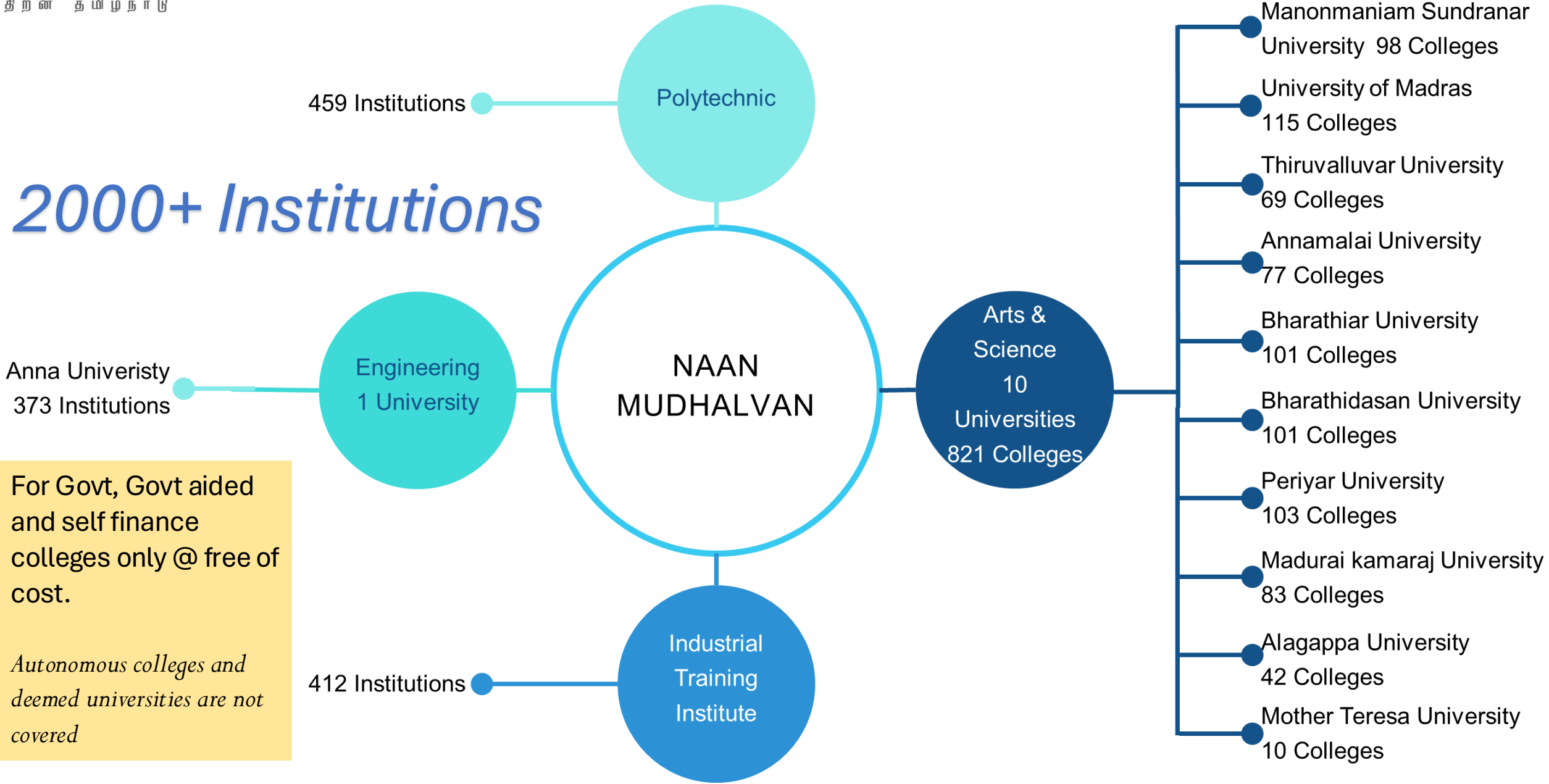
Industry problem statements as use cases for training students



Project-based learning, Hackathons, Internships, Olympiads, and Campus Placement Support

Naan Mudhalvan – Scope & Penetration

2000+ Institutions



For Govt, Govt aided and self finance colleges only @ free of cost.

Autonomous colleges and deemed universities are not covered

Naan Mudhalvan

Course Identification & Implementation

01



**Industry and
Industrial
Associations Meet**

02



**Feedback from
students placed
and University**

03



**Courses
customized by
industry**

04



**Project-based
experiential
learning**

05



**Industry
Partner
Sensitization**

06



**Faculty
Development
Programme**

07



**Students Training by
Industries /TP**

08



**Assessment /
Certification**

Naan Mudhalvan – Inception year 2022

Target : 10 Lakh Students/ Year.

Trained : 13,14,519 (13.14 lakh)

Training Details	Engineering 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

Skill Courses Offered in Engineering Colleges :

Big Data, Blockchain, Cloud Essentials, AR/VR, Full Stack, AI/ML, Data Analytics, Cyber Security, CCNA, 3D surface modelling, Electric Vehicles, Building Information Management, CNC, Meta Verse, Industry 4.0, Powering IOT, Robotics, Smart Energy Grid, High Rise Building, Sustainable Building Design etc.

Skill Course Offered in Arts & Science Colleges :

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

Communicative English, Digital Skills and Employability skills also compulsory for all students

Scheme has been extended to Polytechnic (Diploma) and Industrial Training Institutes (ITI's)

Training Details	Engineering Colleges	Arts & Science Colleges	Polytechnic College (diploma)	Industrial Training Institutes (ITI)	Total
Faculties Trained	6,171	14,463	2,289	-	22,923
Students Trained	3,23,000	8,88,170	1,92,784	64,149	14,68,103
Colleges covered	373	821	459	412	2085

Skill Courses Offered in Engineering Colleges :

Blockchain, Digital Marketing, Salesforce Developer, Data Analytics with Tableau, Architecture Visualisation using AR/VR, Full Stack with python & Java, AI/ML, Cyber Security, ChatGPT, DevOPs, Drone Design and Testing, Redhat Linux Admin, Surface Modelling, CNC Turning and Milling, PLCs, 3D printing using NX, Electric Vehicles, Industry 4.0 – Digital Twin, Integrated Building Services, Concrete Building Design etc

Skill Course Offered in Arts & Science Colleges :

AI, Digital Marketing, Freight forwarding, Fin Pro, Zohobooks Cloud Computing, GST & Income Tax, Graphic Design-CANVA, PCR Technology, Content Writing & Marketing, Adobe Graphic Design, Data Analytics with Tableau etc.,

Skill Course Offered in Polytechnic Colleges

Building Information Modelling (BIM), Industrial 4.0, Industrial Metaverse using AR & VR, Internet of Things (IoT), PCB Design etc.,

English Language course for ITI's

Communicative English, Digital Skills and Employability skills also compulsory for all students

Naan Mudhalvan – 2024 (Jan–April)

Training Details	Engineering Colleges	Arts & Science Colleges	Polytechnic College (diploma)	Industrial Training Institutes (ITI)	Total
Faculties Trained	3671	11,931	1352	Training by external Training Partners	16,954
Students undergoing Training	2,28,696	5,85,756	1,23,739	Annual pattern (English Language course continuing..)	9,38,191
Colleges covered	373	821	459	412	2085

Skill Courses Offered in Engineering Colleges :

AI & ML, Prompt Eng., Generative AI, IoT, Software testing, Cloud Computing, Data Warehousing, Web Technologies (Full Stack with DJANGO), UI & UX Design, Cyber Security, DevOps, Drone - Design, Assembly & Test , 3D Surface Modelling, EV Design, Design of Photo Voltaic System, CNC turning & milling, Solid Waste Management, Energy Efficient Building(Green Cement, Sustainability), Industrial IoT and Industry 4.0, 4G/5G Communication Networks etc.,

Skill Course Offered in Arts & Science Colleges :

Oracle Cloud Architecture, Data analytics using Power BI, Python, Insurance service and operation, Advanced Tally with GST, Retail banking and wealth management, Fintron, Consignment controller, Exim documentation, Fleet vehicle operation Management, Port logistics, EV battery management, Medical coding, Bioinformatics, Food Analysis, Organic food production techniques, Agribusiness Management, Tourist/Travel guide Digital Fashion Designing Content writing, Digital Marketing, Story Telling, Graphic Design, Digital Marketing etc.

Skill Course Offered in Polytechnic Colleges

Digital Skills
Employability Skills

English Language course for ITI's

Communicative English, Digital Skills and Employability skills also compulsory for all students

SKILL COURSES OFFERED: ENGINEERING COLLEGES



A wide range of courses are offered, including:

Aerospace & Aviation Sector

1. Drone Basics, Design, Assembly, Test

Media

1. UI & UX Design

Automotive Sector

1. Electric Vehicle (EEE)
2. Electric Vehicle (Mech)
3. Electric Vehicle Charging System Design
4. Electric Vehicle Technology and Manufacturing
5. EV Design
6. Electric & Hybrid Vehicles
7. Batteries & Management System
8. Surface Modelling

Power

1. Design of ON / OFF Grid Solar PV System
2. Design of Photo Voltaic System for Domestic Load
3. Design of Photo Voltaic System
4. Smart Energy Grid

Telecom Sector

1. 4G/5G Communication Networks
2. Network Essentials
3. Networking Essentials

Construction Sector

1. AR/VR (Hybrid)
2. Architecture Visualization using AR/VR
3. Building Information Modelling
4. Concrete Building System Design
5. Design and construction of Steel buildings
6. Energy Efficient Buildings (Green Cement, Sustainability)
7. High Rise Building Design
8. Integrated Building Services
9. Solid Waste Management
10. Sustainable Building Design
11. Interior Design Techniques Demystified
12. STRUCTURAL DESIGN, MODELLING & DETAILING
13. Piping Design, Modelling & Detailing

Electronics & Hardware Sector

1. Analog IC Design
 2. Embedded System Design – Industrial Application
 3. Embedded System Design – Process board design
 4. Embedded System Design & Application
 5. Image Processing
 6. Industrial IoT and Industry 4.0
 7. Industry 4.0 (Hybrid)
 8. Industry 4.0 and its Applications in Mechanical Engineering
 9. IoT Concepts and Applications
 10. PLC using Simatics
 11. Powering IoT (Hybrid)
 12. ADAS ECU Simulation and Testing
 13. Programmable System-on-Chip architecture for ARM Cortex-M0 devices
 14. IC Chip Design & Verification (Semiconductor)
 15. Mobile Robots Development
- Robotic Process Automation Development

SKILL COURSES OFFERED: ENGINEERING / POLYTECHNIC/ ITI INSTITUTIONS



A wide range of courses are offered, including:

IT-ITeS Sector

1. AI and ML Fundamentals
2. Big Data
3. Block Chain Development
4. ChatGpt
5. AWS Cloud Practioner
6. Cyber Security and applications(CS)
7. Data Analytics by Google
8. Data Science Fundamentals
9. Data Warehousing
10. Devops
11. Full Stack Development with Java, Python
12. Generative AI for Engineering
13. Industrial Metaverse using mixed reality (XR)
14. Neural Networks and Deep Learning
15. Project Based Learning – AI,ML, FS, IOT
16. Prompt Engineering
17. RedHat Linux
18. Salesforce Developer
9. Software testing and Automation
20. Web Technologies (Full Stack with DJANGO)
21. High Performance Computing (HPC)
22. CISCO Certified Network Associate -I & II

23. SaaS
24. Software Engineering & GitHub
25. Game Development
26. Oracle APEX
27. Quantum computing with Black Opal
28. MERN Stack Powered by Mongo DB
29. ServiceNow Administrator
30. LOW CODE APPLICATION USING MENDIX
31. Android Application Development -Google

Manufacturing Sector

1. 3D Printing using NX
2. Industry 4.0 (Digital Twin)
3. Manufacturing of mechanical components using CNC Turning and Milling
4. Product Design Engineering and 3D Surface Modelling
5. Product Design Engineering and Modelling
6. Robotic Process & Industrial Automation
7. Robotics simulation (Hybrid)
8. Smart & Advanced Manufacturing
9. IIoT in CNC
10. Additive Manufacturing (Tech)
Reverse Engineering (Mech,EEE)

Polytechnic Colleges

1. Building Information Modelling
2. Industrial Metaverse using AR & VR
3. Printed Circuit Board (PCB) Design
4. IoT and its Applications
5. Industry 4.0
6. Employability Skills
7. Digital Skills (Virtual)
8. English Essentials

ITI

1. Employability Skills
2. English Essentials

SKILL COURSES OFFERED: ARTS & SCIENCE COLLEGES



A wide range of courses are offered, including:

BFSI Sector

1. GST and Income Tax
2. Advanced Tally with GST
3. E-commerce laws, regulations, and E-payment system
4. Banking Lending and NBFC products and services
5. Zohobooks
6. FinPro (NSE)
7. Fintron (NSE)
8. Mutual Funds
9. Capital Market
10. Retail Banking and Wealth Management
11. Insurance Service Operations

Logistics

1. Operational Logistics
2. Exim Documentation
3. Consignment Controller
4. Fleet Vehicle Operation Management
5. Port Logistics
6. Freight Forwarding
7. Travel and Tourist guide

Digital Skills

1. Microsoft Office
2. LinkedIn
3. Employability

Emerging Sector

1. Drone pilot techniques
2. Artificial Intelligence and Machine Learning
3. Data Analytics using Tableau, PowerBi, Excel, Python
4. Salesforce Associate
5. Oracle Cloud Architecture
6. Oracle Supply Chain Management
7. Business Process Management
8. EV Battery Management
9. Cybersecurity
10. Generative AI
11. Robotic Process Automation
12. Software Testing
13. Full-stack development

Media, Marketing, and Entertainment

1. Graphic Design using Canva
2. Adobe Visual Design
3. Digital Marketing
4. Content writing
5. Storytelling

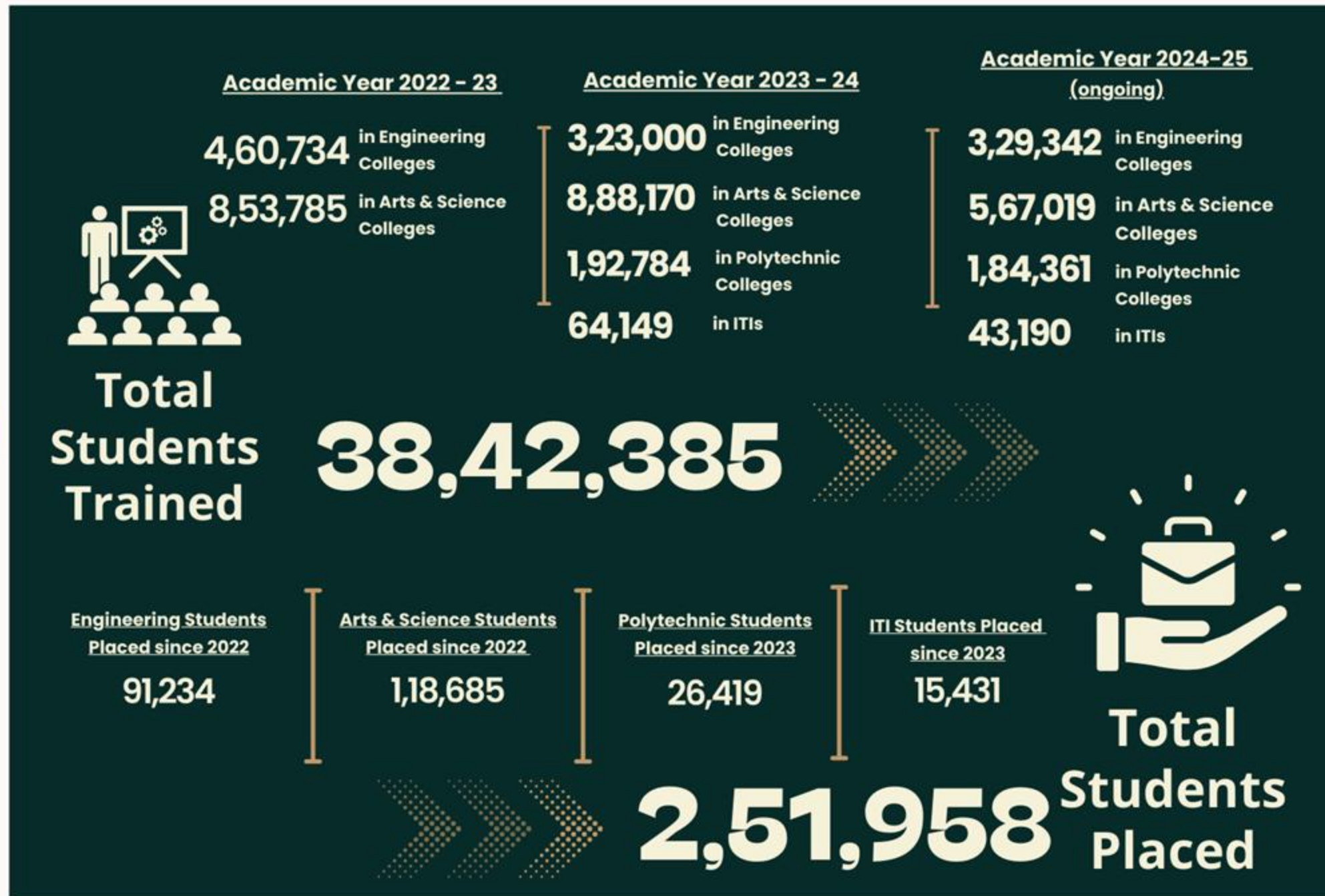
Life science and Pharmaceuticals

1. Good Manufacturing Practices
2. Clinical Trial and Data Management
3. Medical Coding
4. PCR Technologies
5. Bioinformatics

Agriculture and Food Production

1. Organic Food Production Techniques
2. Food analysis and Preservation techniques
3. Agribusiness Management

Naan Mudhalvan in Numbers Impact



Naan Mudhalvan as Role Model:

Naan Mudhalvan Skills pathway has been adopted by **UGC** and **AICTE** in higher education across the country through a specific notification

Other states like Odisha, Karnataka, Bihar, and Andhra Pradesh have visited TNSDC and are trying to follow this NM model.

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Business News > Industry > Services > Education > UGC approves guidelines for credit-linked short-term skill courses

UGC approves guidelines for credit-linked short-term skill courses


PTI • Last Updated: Dec 07, 2023, 08:23:00 PM IST

Synopsis
Under the new guidelines, universities and colleges will offer short-term skill development courses in any stream with at least 12 credits and a maximum of 30 credits. The duration of the courses will be between three to six months with a major focus on practical learning.



University Grant Commission (UGC) on Thursday approved the guidelines for the Introduction of Short-Term Skill Development Courses in Higher Educational Institutes (HEIs).

New Delhi: The **University Grants Commission** (UGC) has approved guidelines for introducing short-term industry-relevant **certificate courses** with up to 30 credits in the higher educational institutes to bridge the skill gap and boost productivity of students at the workplace, officials said on Thursday. The "guidelines for the introduction of short-term **skill development** courses in higher educational institutes (HEIs)" were approved during a meeting held by the UGC on Thursday.



Most Searched Stocks

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Hindalco Industries. Share Price	558.65
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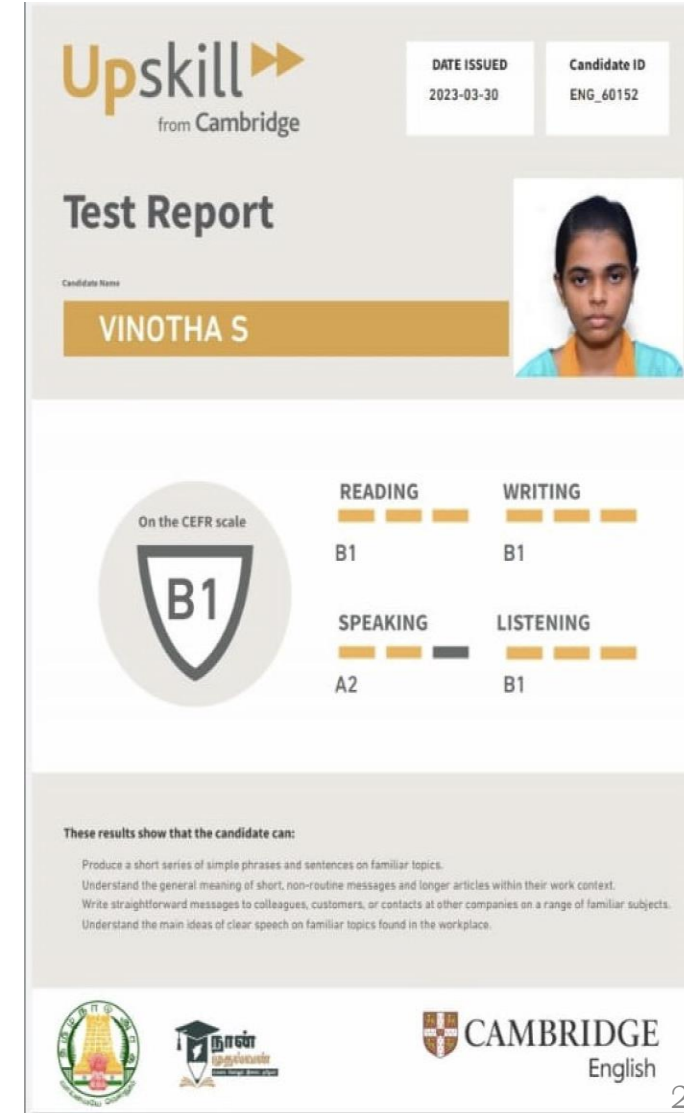


Our Partners





Industry : Micro-credentials / Joint Certification



students will earn 2-3 credits/course in each semester, as one industry-relevant skill course/semester has been made mandatory as part of the degree programme.

These courses are adopted as per the recommendation of the industries on demand and approved in the board of studies of the respective Universities in Tamil Nadu.

Courses offered by Naan Mudhalvan are dynamic in nature for every semester as per the current /future job market needs.



Naan Mudhalvan:



- Industry Collaboration through CSR in skilling

Highlights : 21.76 lakh students trained in 2022 -24

IBM

Microsoft

SAP

aws

CISCO

Infosys

**edunet
foundation**

Google

ORACLE

EY

salesforce

servicenow

mongoDB

UiPath

Coca-Cola

Join with us as a partner in transforming our future generation



Naan Mudhalvan Campus Placement

The essence of Naan Mudhalvan lies in bridging the gap between education and employment.



Micro Placement drive

Micro placement fairs are **focused** small level placement fairs taking place at an **institutional level** which happens with the collaboration of Naan Mudhalvan.



Regional Placement drive

Many regional fairs are being planned. Major sectors in the zone will be the major recruiters in the drive.



Sectoral Placement Drive

“Hire Local Grow Global” is the theme of these sectoral fairs. Students will be pooled and placement fairs will be conducted sector wise

Virtual Fairs

- ❖ Industries which prefer to conduct interviews virtually and initial screening will be facilitated.

Naan Mudhalvan Initiative: Placement Summary (2022-2025)

NAAN MUDHALVAN - PLACEMENT DRIVES DETAILS								
Stream	Placement distribution							
	Total final year students	Total Aspired for placement	NM Placed	Institutional Placed	Total Placed	Male	Female	Transgender
2022-23	373565	281156	25,280	1,22,869	1,48,149	89,674	58,475	0
2023-24	402368	188773	35,475	68,805	1,04,280	34,303	69,968	9
2024-25	408342	145142	4975	5,284	10,259	5,480	4779	0
TOTAL	1184275	615071	65730	196958	262688	129457	133222	9

52.6%
55.4%

Stream	2022-23		2023-24		2024-25*	
	NM Placed	Institutional Placed	NM Placed	Institutional Placed	NM Placed	Institutional Placed
Engineering	5,740	59,214	10,301	15,979	3,055	540
Arts & Science	19,540	63,655	24,962	10,698	1127	3,843
Polytechnic	0	0	212	26,697	793	185
ITI	0	0	0	15,431	0	716
TOTAL	25,280	1,22,869	35,475	68,805	4,975	5,284

(*Ongoing commenced from Nov 2024)

NM-Placed Students
65,730

The initiative has successfully placed 65,730 students through Naan Mudhalvan programs.

Institutional Placements
1,96,958

A total of 1,96,958 students have been placed through institutional efforts.

Job Opportunities
2,62,688

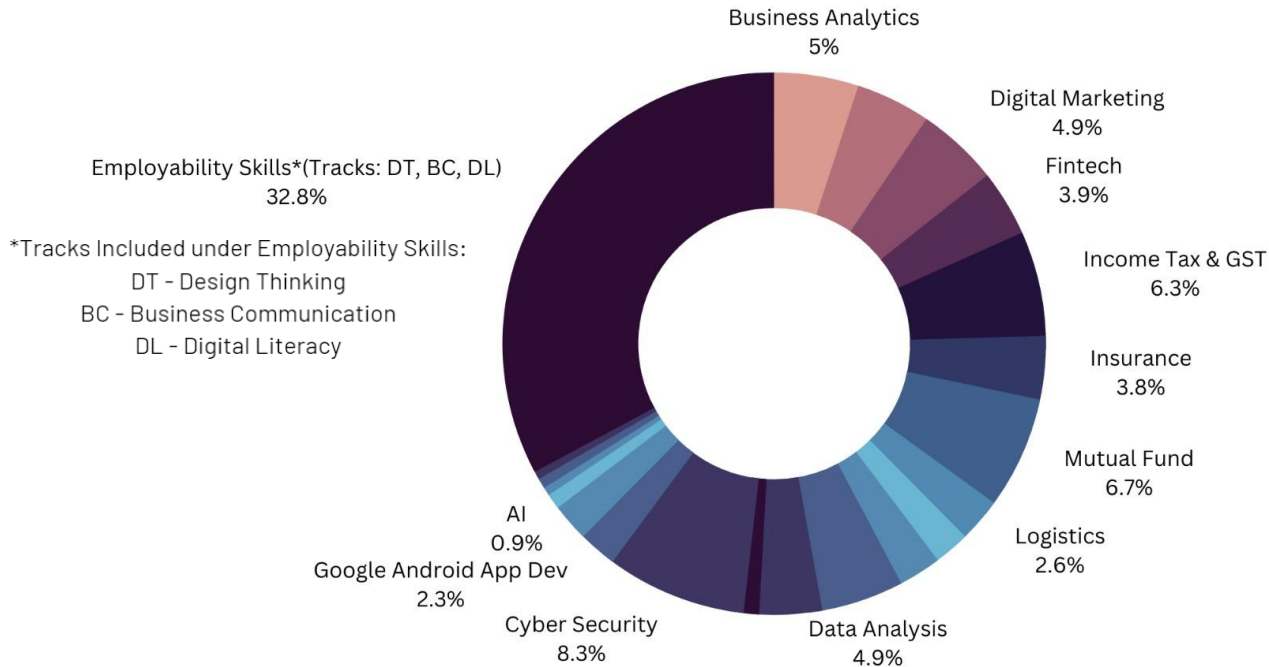
The initiative has created a total of 2,62,688 job opportunities for Tamil Nadu's graduates.



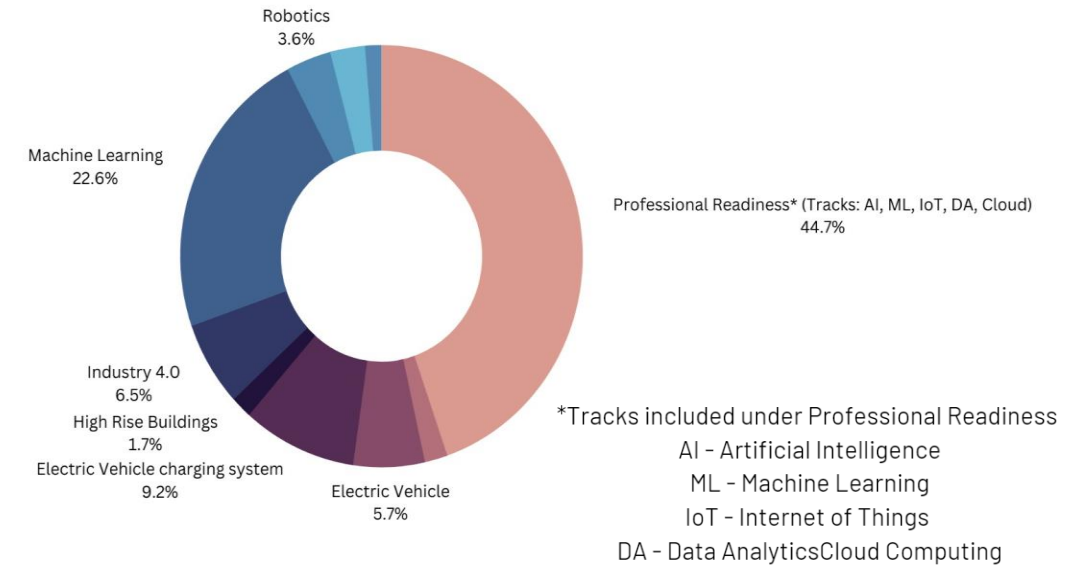
Tamil Nadu Skill Registry for Industries

- District wise, college wise, sector wise students trained details can be accessed by the industries to match their needs and do focus placement drives.
- More than 10 lakh skilled professionals are readily available.

Arts & Science



Engineering



A Smarter Digital Platform

(Under Development)

Features of the TN Skill Registry

The registry serves as a single-window resource (unified portal) for employers, job aggregators, and training institutions, offering:

Advanced Search & Filtering based on skills, Sector, and location etc.

Verified Credentials to ensure trust and reliability.

Real-Time Updates reflecting new trainees and skill enhancements.

AI-Powered Matching: Smart recommendations based on job descriptions

Direct Contact Feature: Chat, email, or call functionality

By connecting skilled professionals with industry needs, the TN Skill Registry strengthens Tamil Nadu's workforce and drives economic progress.



NAAN MUDHALVAN
STATEWIDE PLACEMENT
PROGRAMME

NAAN MUDHALVAN FINISHING
SCHOOL

MANDATORY CREDIT-BASED
SKILL COURSES

- Emerging tech skills
- Digital Skills
- Employability Skills
- Communication Skills

NAAN MUDHALVAN
COMPETITIVE EXAMS

NAAN MUDHALVAN
OLYMPIAD

NAAN MUDHALVAN

A MASSIVE UPSKILLING INITIATIVE

KALLOORI KANAVU

NIRAL THIRUVIZHA

UYARVUKKU PADI

INTERNATIONAL
PROGRAMMES

- S.C.O.U.T Programme
- WA TVET Training



<https://naanmudhalvan.tn.gov.in>

THANK
YOU!

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