CURRICULUM VITAE (CV)

Name ofExpert:	Sankaranarayanan Thirugnana Sambandan	
Date ofBirth:	02/03/1958	
CountryofCitizenship/Residence	India	

Education:{Listcollege/universityorotherspecializededucation,givingnamesofeducationalinstitutio ns, dates attended, degree(s)/diploma(s) obtained}

University	Degree/ Discipline	Year of Passing	
Ambedka Institute of Productivity (AIP) National Productivity Council's Training Institute Chennai		1987	
University of Chennai	BE (Electrical & Electronics)	1984	
Other Trainings/License if Any		• •	
BEE certified Energy Auditor - 6	89 - EA 1576		
BEE accredited Energy Auditor	– AEA 0107		
• 5 day course on ISO 50001 by S	• 5 day course on ISO 50001 by SGS.		
Completed training programme	Completed training programme on M & V protocol		
Completed Training programme	Completed Training programme on Food safety		
	 Four weeks special training on Power Plant Operation and Maintenance at Power Engineers Training Society (PETS), Neyveli, Chennai. 		
	• Energy Management training course (with special reference to new and energy efficient technologies) at Tokyo, Japan organised by Asian Productivity Organisation (1995).		
Attended workshop on Productiv	 Attended workshop on Productivity Improvement in Foundry at Tehran (2002). 		
Implementing EC Act – SDA pro	Implementing EC Act – SDA program – Yokahoma, Japan. 2010		
Study mission - Energy Efficience	 Study mission - Energy Efficiency in MSME sectors- Taiwan 2017 		

Work Experience:

SINo	Name of the Organisation	Period
1.	Pankaja Mills Coimbatore	1977-79
2	Textool Ltd	1979-1985
3	National Productivity council -Chennai / Hyderabad	1985-1987 (PG Course in Energy Management)
4	National Productivity Council – Mumbai	1987-2018
5	Consultant-Energy management/ Audit/ Training	2018- On going

${\small Employment} record relevant to the assignment:$

Period	Employingorganizationandyou rtitle/position.Contactinformati	Country	Summaryofactivitiesperformedrelevant totheAssignment
1987- 2018	onforreferences National Productivity Council, New Delhi Title: Regional Director References: Dr. Arundathi Chattapodya, Regional Director, NPC Mumbai	India	 Functioning as a Chief Consultant and Trainer in Productivity Improvement Areas. Preliminary survey, proposal preparation, Presentation, Negotiations with clients, directing and executing Industrial Engineering, Energy Management consultancy and training assignments. Overall office administration of RD Mumbai. Resource person for National Assignments/International Assignments taken up by NPC Head Office New Delhi. Monitoring Implementation of Lean Manufacturing activities Technical audit of Repair & Maintenance of MSEB Thermal Power Station and Transmission & Distribution Circles
1979-85	Text Tool Co.Ltd., Coimbatore Title: Technical assistant, Electrical Projects &Maintenance Department References: Mr. D. ChandraMohan Design Consultnt 9994417610		 Preparation of estimation Project Execution, Testingand commissioning Erection and Commissioning of Induction Melting furnace and DG set Completion of electrical inspection as per Indian Electricity Act Planning and execution of preventive maintenance Execution of break down maintenance Operation & maintenance of electrical systems and DG sets Organising and executing mandatory electrical inspection

1977-79	Pankaja Mills	 Execution of break down maintenance
	Title: Electrical Supervisor	 Operation & maintenance of electrical systems and DG sets
	References: General Manager UNIT of NTC Pankaja Mills Coimbatore	Co coordinating in mandatory electrical inspection.

Activities from 2018-2022

Faculty for 15 Programs- Organised by Green Tree 2.Preparatory Training Programme for Energy Managers and Auditors: PTC Programme: Reliance Industries- Jamnagar- 2 programmes PTC Programme : Bhart Oman Refineries Satna Faculty for On Line PTC Program - 6 Batches - Conducted ByEnsave Academy Guest Faculty for NPC PTC Programmes -2 Guest Faculty for IRREN Nashik Programme for Railway Engineers. - For NPC Mumbai 3.On Line Training Programme on Energy efficiency and Energy Audit On Line Programmes on Energy Management, Energy Audit, Electrical/ Thermal system - 10 Programme Guest Lecture for AICTE Program- 2 Nos- Electrical Energy Savings in Utilities. ON Line Programme - IIT Kharagpur- Conducting Energy Audit

4.SDA Energy Activities and Training Programmes:

- > MEDA Energy Audit/ Municipal DSM- On Line Programmes- 7
- MEDA State EC Award Activities

1. BEE Refresher Course:

- > EMC Kerala: 2 On Line Programmes Limits of Electricity Savings
- > EMC- Kerala : Review of Energy Audit Reports 15 Numbers

5. Capacity Building Programmes / International Assignments:

Bangladesh:

- > TOT Programme for Bangladesh Engineers- AIP Chennai
- > Energy Audit Manual Review Prepared for TOT programmes for Bangladesh. For AIP Chennai
- Indian Technical & Economic Cooperation Programme (ITEC) of Ministry of External affairs, Gol titled "Energy Efficiency Practitioners Course in Industrial Utilities" -Guest Faculty

Bhutan:

Preparation Energy Efficiency Code of Practice for Industrial Equipment's For Department of Renewable Energy

Ministry of Economic Affairs, Thimphu, Bhutan- In association with WISE Pune

- > Review of 39 Energy Audit report of Bhutan Industries.
- 6- On Line Training Programmes on Code of Practice and Energy Conservation in Plant utilities-For Bhutan Plant Engineers Institute of Sustainable Communities- Training Programme- 7 Numbers

6. Institute of Sustainable Communities:

- > Guiding ISC Team for Energy Audit of MSME sectors-
- Field Guidance, Capacity Building of EA and EM
- > Report review and Management discussion -45 MSME Industries covered.
- Preparation of Training Modules- Electrical/ Thermal Systems
- > On Line training Programme for textile Sector 5 Programmes

7.PAT Activities:

- Tata Power Chembur M&V Audit
- Surya Laksmi Cotton Check verification Audit
- > Mahendra Sanyo: Khopoli Steel Plant Energy Audit
- San Vijay Steel : , Nagpur Energy Audit

8. Water Audit :

> Review of Water Audit reports of NPC Mumbai- 25 Numbers

9. Net Water Positive Audit:

> Vedanta Cairn Group On Shore Oil and Gas Fields- Mangla Processing Terminal -Merva

10. Review of Energy Audit Reports of Energy Management Centre - Kerala

> Reviewed 35 Energy Audit reports covering Buildings/ Engineering and Process Industries

Work Experience/ Energy Audits related to Automobile Industries and Heavy Engineering Industries:

- Energy Audit at Maruthi Udyog Ltd Gurgaon Plant
- Energy Audit Mahendra & Mahendra Ltd, Kandivili, Nashik and Igatpuri Plants
- VIP Industries Ltd Nashik Injection Moulding and assembly Unit
- Gaberial Industries Ltd.- Shock Absorber Manufacturer
- Perfect Circle Victor Ltd, Nashik- Piston rings Manufacturer
- Lean manufacturing Implantation Audit- 44 Clusters in Maharashtra
- Lean manufacturing Implantation Audit 8 Clusters of Mahendra and Mahendra Suppliers
- Mahendra CIE Forging Plant- Crank shaft Manufacturer
- Energy efficient motors implementation Pre and Post Savings assessment in Mahendra and Mahendra Multi Drilling Machines.
- SKF Bearing Ltd, Pune
- Railway POH Shops- Lower Parel, Bhusawal, Nashik
- Jindal Steel works Vasind
- Steel and cast-iron Foundries
- Ordnance Factory Ambernath
- ISMT Baramati- Steel tube Manufacturer's

	Name of assignment or project	Development of Code of Practice for Energy Efficiency for Industrial Equipment's – For Bhutan
	Main project features:	Preparing COP for Industrial equipment's with design and operating efficiencies and also Energy saving Potential Development of Information Dissemination material Review of 39 BhutanIndustrial Audit reports
1	Date & Duration(months)	March 2020- June 21. (Duration extended Due to COVID 19 Issues)
	Location	India/ Bhutan
	Client	WISE – Pune and Department of Renewable Energy – DRE , Bhutan
	Position held:	Chief Advisor
	Activities Carried Out	COP and Dissemination material developed for Industrial Equipment's such as Motors, Fans, Compressors, Pumps, HVAC, Boilers, Furnaces and Industrial Lighting Guiding the team of Engineers of WISE for the content of Each COP, Review and correction of COP WEBINOR DISCUSSION of all COP with

		Engineers of Bhutan and DRE officials.
	Name of assignment or project	Preparatory Training Course – ONLINE WEBINAR Programme for Energy Manager and Auditors Appearing for BEE Examination
	Main project features:	Instructional Programme for BEE - Four Books
2	Date & Duration(months)	3 Months- 3 Batches. Webinar Programme (85 Participants covered) July 2020-September 2020
-	Location	Dombivii
	Client	Ensave Consultancy and Training Pvt Ltd CHENNAI
	Position held:	Principal Trainer
	Activities Carried Out	 Conducting Training Programme for Industry participants and Consultants Covered all the 4 BEE Books with necessary cases in each chapter and created a highly interactive Training Programme
	Name of assignment or project	WEBINAR TRAINING PROGRAMMES
2	Main project features:	Instructional training Programmes with case Studies on Energy Audit and Efficiency Improvements
3	Date & Duration(months)	June 2020- On Going
	Location	Dombivili
	Client	 NPC – Mumbai, Chennai, Kanpur, Gandhinagar, Bhubaneswar Energy Efficiency Training for textile Sector- 4 Programmes for Institute of Sustainable Communities Training of Trainers Programme for textile sector- ISC/NPC HQ Conducting Successful Energy Audit- IIT Roorkee Understating Limitation of Electrical Energy Audit- EMC Kerala Energy manager/ Auditor Meet DC Programme – Iron and Steel Sector - Bhubaneswar
	Position held:	Chief Trainer
	Activities Carried Out	Instructional training Programmes with case Studies on Energy Audit and Efficiency Improvements

4	Name of assignment or project Main project features: Date & Duration(months) Location Client Position held: Activities Carried Out	Judging Committee Member for 14theand 15 th State EC Award –Maharashtra - ON Going Judging Committee Member for earlier 6 State Awards Review and assessment of Energy activities in Participating Industries 3 Months Pune/ Dombivili Maharashtra Energy Development Agency, PUNE Judging Committee Member Presentation discussion review of ENCON schemes and assessment of Participating units
	Name of assignment or project	Energy efficiency Project Identification and Implementation Follow-up for MSME
	Main project features:	Energy Audit, Identification of ENCON Projects, Discussion and Implementation Follow-up.
	Date & Duration(months)	June 2018 –Dec 2021
	Location	Maharashtra, India
5	Client	Organisation of Sustainable Communities
	Position held:	Chief Consultant
	Activities Carried Out	 Opening meeting With Client and Energy Auditor Plant visit, Identification of ENCON Projects Reviewof Audit Reports Final Appraisal to Management Implementation follow up meeting and Guiding managementfor implementation of identified Projects. Till Date 43 MSME Units- (Machine Shop , Foundry, Rubber, Supply Chain Partners of Mahindra & Mahindra Ltd.) were covered
	Name of assignment or project	Lean manufacturing Implementation In MSME sectors- Cluster Approach- Overall Project Monitoring in Maharashtra.
	Date & Duration(months)	June 2014 to March 2018
	Location	Maharashtra
6	Client	MSME, Government of India, New Delhi
	Position held:	Project Head

	Activities Carried Out	 Review ofLEAN Projects selected for Individual MSME Conducting Stage wise Audits- 5 Audits for Each cluster. Review of Implementation progress Over all Monitoring of 52 Clusters –Covering 400 MSME Units 	
	Name of assignment or project	ADB – Energy efficiency Project in Bangladesh	
	Date & Duration(months)	60 Days 2012-2013	
	Location	Bangladesh	
	Client	Tetra Tech	
	Main project features:	Energy Audit and identification of Energy Efficiency projects in Textile and leather Sectors	
7	Position held:	International Technical expert – Textile sector	
	Activities Carried Out:	 Appraising Local Experts (Bangladesh Energy Consultants Visiting Selected Industries in Textile and leather sectors Guiding Local consultants to conduct Energy Audits Review of Energy Audit Reports 	
	Name of assignment or project	Energy Efficiency Training Programme for Industry sectors in SriLanka	
	Date & Duration(months)	2006 – 10 days	
	Location	SriLanka	
	Client	UNEP- ROAP Project, Bangakok	
0	Position held:	Principal Trainer	
8	Activities Carried Out	 Conducting Training Programme for Industry participants Training programme on Electrical Energy savings In Plant utilities with case studies 	
	Name of assignment or project	Energy Efficiency Training Programme for Industry sectors in Tehran	
	Date & Duration(months)	2006 – 5 Days	
	Location	Tehran, Iran	

	Client	IPHRD- Tehran
9	Position held:	Principal Trainer
	Activities Carried Out	 Conducting Training Programme for Industry participants Training programme on Electrical Energy savings In Plant utilities with case studies
	-	
	Name of assignment or project	Energy Efficiency Training Programme for Industry sectors in Tehran
	Date & Duration(months)	2005 – 5 Days
	Location	Tehran, Iran
	Client	IPHRD- Tehran
10	Position held:	Principal Trainer
	Activities Carried Out	 Conducting Training Programme for Industry participants Training programme on Electrical Energy savings In Plant utilities with case studies
	Name of assignment or project	Cleaner Production and Energy efficiency
	Date & Duration(months)	15 days 2003
	Location	Mongolia
	Client	UNEP
11	Position held:	CPEE Expert
	Activities Carried Out	 Guiding Local Energy Expert and Industry team on Cleaner Production and Energy Efficiency Identification of ENCON Projects Report preparation and follow up
	Name of assignment or project	Cleaner Production and Energy efficiency
	Date & Duration(months)	10 days 2003
	Location	Mongolia
	Client	UNEP
12	Position held:	CPEE Expert
	Activities Carried Out	 Guiding Local Energy Expert and Industry team on Cleaner Production and Energy Efficiency Identification of ENCON Projects Report preparation and follow up
	Name of assignment or project	Cleaner Production and Energy efficiency

	Date & Duration(months)	10 days 2004
	Location	Srilanka
	Client	UNIDO
13	Position held:	CPEE Expert
	Activities Carried Out	 Guiding Local Energy Expert and Industry team on Cleaner Production and Energy Efficiency Visitto Brass melting Units andRice Mills Identification of ENCON Projects Report preparation and follow up
	Name of assignment or project	Energy Audit assignments in Metal Industries
	Date & Duration(months)	1987- 2014
	Location	Maharashtra & All India
14	Client	Ordnance factory Ambernath- Brass melting and Metal Forming Indian Smelting and Meltingpvt Itd- Bhandup Sudarshan Aluminium - Nashik Indian Aluminium - Kalwa, Taloja JSW – vasind Kirloskar Brothers – Foundry Units – 3 nos Steel melting and casting : 12 Nos Sponge Iorn Units- 2 nos
	Position held:	Senior and Chief Consultant
	Activities Carried Out	 Opening Meeting With Clients Data collection Field measurements, and trials Preparation of Energy audit reports Techno economic Analysis Perot presentation and Discussion with management
	Activities Carried Out	 Review of Cogeneration Project Report Inspection of all Major power Plant equipment's Performance Monitoring for 72 Hours Consolidated Report preparation on plant equipment's , Performance and Power Export.
	Name of assignment or project	Performance assessment of Bio mass Power Plants- Technical Appraisal Energy Audit of Gas Turbine Power Plants t
15	Date & Duration(months)	2008-2014—More than 60 Bio mass Power Plants performance assessment Completed GSEG CPP 156 MW Cairn Energy On Shore Plat From Deepak Nitrate Ltd CPP

		Samtel Ltd – Captive Gas turbine Plant
	Location	Maharashtra and All India
	Client	MNRE
	Position held:	Consultant
	Activities Carried Out	 Review of Bio Mass power Project Report Inspection of all Major power Plant equipment's Performance Monitoring for 72 Hours Consolidated Report preparation on plant equipment's , Performance and Power Export.
	Name of assignment or project	Technical Audit of Power Transmission and Distribution Circles
	Date & Duration(months)	6 Months- 2000
16	Location	Maharashtra
10	Client	Maharashtra State Electricity Board/ MERC
	Position held:	Chief consultant
	Activities Carried Out	 Review of existing Maintenance Practices and Expenditure Performance comparators of Different Circles Identification of Areas for improvement and Cost reduction
	Name of assignment or project	Technical Audit of Thermal Power Stations
	Date & Duration(months)	6 Months- 2000
	Location	Maharashtra
	Client	Maharashtra State Electricity Board/MERC
17	Position held:	Chief consultant
	Activities Carried Out	 Review of existing Maintenance Practices and Expenditure Performance comparators of Different Circles Identification of Areas for improvement and Cost reduction
	Name of assignment or project	Accelerated Power Development and reforms Programme
	Date & Duration(months)	2 years 2000-2002
	Location	Kolkatta, Assam
	Client	Power finance corporation/Deportment of power,

18		Government of India
	Position held:	Advisor Cum consultant
	Activities Carried Out	 Review of present T &D Loss Identification of Projects for Improving Distribution system and to reduce loss Preparation of DPR Participation in tender Discussions Implementation follow up
	Name of assignment or project	Strategic plan for Implementing Energy Conservation Act in Maharashtra including DSM Potential
	Date & Duration(months)	3 months -2004
	Location	Maharashtra
	Client	Maharashtra Energy development Agency
10	Position held:	Senior Consultant
19	Activities Carried Out	 Preparation of EC act implementation Plan Document Role of MEDA and Various programmes to be addressed for EC act Implementation including MEDA structure. Estimation of DSM Potential for 1000 MW Identification of DSM Projects, estimated investment and No of beneficiaries to be covered for various DSM Options
	Name of assignment or project	Strategic plan for Implementing Energy Conservation Act in Kerala including DSM Potential
20	Year	3 months -2006
20	Location	Maharashtra/ Kerala
	Client	Energy management Centre - Kerala
	Position held:	Senior Consultant
	Activities Carried Out	 Preparation of EC act implementation PlanDocument Role of EMC and Various programmes to be addressed for EC act Implementation including MEDA structure. Estimation of DSM Potential Identification of DSM Projects, estimated investment and No of beneficiaries to be covered for various DSM Options
	Name of assignment or project	Energy conservation Policy Document

	Date & Duration(months)	3 Months
21	Location	Mumbai/ Kerala
~-	Client	Energy Management centre – Trivandrum - Kerala
	Position held:	Senior consultant
	Activities Carried Out	Preparation Of EC Policy document Identification of roles for EMC/ Government Support / EC fund
	Name of assignment or project	Energy Audit assignments in various sectors – More than 150 Audits
	Date & Duration(months)	1987- 2014
	Location	Maharashtra & All India
22	Client	Various Corporate and Government organisation Thermal Power Plants, Ports, Railways, Mines, Cement. Tectile, Pulp & Paper, ChloroAlkali, Iorn and Steel, Foundry Automobile, Havy Engineering, Construction, Edible Oil Industries, Water Works, Petroleum product Pipe line, light Engineering, galvanising Plants, Sponge iorn Plants, LPG Bottling Plants, Oil Terminals, 5 Star Hotels, Malls etc.
	Position held:	Senior and Chief Consultant
	Activities Carried Out	 Opening Meeting With Clients Data collection Field measurements, and trials Preparation of Energy audit reports Techno economic Analysis Perot presentation and Discussion with management
	Name of assignment or project	Energy Conservation Training programme in Plant utilities. In house Programmes- More than 50 Programmes
	Date & Duration(months)	1987-2014
23	Location	Maharashtra and All India
	Client	Indian Railways, Indian Oil Coporation, Ordnanace factory, Security printing & Minting, HPCL, RCF
	Position held:	Principal faculty
	Activities Carried Out	Conducted Training Programme on electrical Energy savings and Energy efficiency in Plant utilities
	Name of assignment or project	Preparatory Training Programme for Energy mangers and Auditors
	Date & Duration(months)	5 Days Each programme

	Location	All India
24	Client	Indian Railways, Ordnance factory, NPC Self run Programmes
24	Position held:	Chief Trainer
	Activities Carried Out	Power point presentation of Different modulesCase Study Discussion
	Name of assignment or project	Refresher training Programme for certified Energ mangers and Auitors
	Year	2018-19
	Location	Mumbai
	Client	Green tree
	Main project features:	Conducted refresher Coursetraining 5 modules Covered
25	Position held:	Principal faculty
25	Activities Carried Out	Training session with Industry Experience and with cas studies and participant involvement
	Name of assignment or project	Verified Energy savings report For various Energ programmes of BEE
	Main project features:	Review of all Estimated savings projected for Differer BEE Programmes
	Date & Duration(months)	2 months 2008-2009-2010 3 years
	Location	2 months 2008-2009-2010 3 years Mumbai/ Delhi
		·
26	Location	Mumbai/ Delhi

	Name of assignment or project	Kirloskar Brothers Ltd group of industries EC Award evaluation
	Main project features:	Review of EC activities implemented by all 5 Kirloskar Brothers ltd
	Date & Duration(months)	7 days - 1997-1998 – 2 years
	Location	Kirloskar wadi,Dewas, Shirol
	Client	Kirloskor Brothers Ltd
27	Position held:	Chief consultant
	Activities Carried Out	Visit to all plantsDiscussion with plant technical team on Energy

savings Projects Implemented
 Review of Energy savings calculations
 Ranking of all participating Units
• Preparation of report and presentation to TOP
managment

	Name of assignment or project	Petroleum Pipe Line Product Energy Audit
	Main project features:	Identification of energy savings Opportunities in Petroleum Product Pipe line Transfer
	Date & Duration(months)	2 months 1998
	Location	Mumbai- Pune Pipe line Products Koyali – Ahmadabad Pipe Line Products
28	Client	HPCL and IOC
	Position held:	Senior Consultant
	Activities Carried Out	 Data Collection Field Measurements Encon Project identification , Techno Economic Analysis Report preparation and Presentation

	Name of assignment or project	State level Energy conservation Plan – for 5 years
	Main project features:	Identification of Energy Conservation Programmes and budget estimate and Energy savings Potential for the State
	Date & Duration(months)	2 months - 2007 , 2009
	Location	Maharashtra / Goa
29	Client	BEE
	Position held:	Senior Consultant
	Activities Carried Out	 Energy usage Analysis of various Public utilities Identification of Energy savings Schemes for End users Budget estimates or various activities Estimation o Energy savings Potential for the State

Name of assignment of project	r Energy Audit
Main project features:	Energy Audit and Identification of Energy SAVINGS Projects
Date & Duration(months) 3 Months- 2001 3 Months - 2005
Location	VAIZAG, MUMBAI

30	Client	VIZAG PORT TRUST MUMBAI PORT TURST
	Position held:	Senior Consultant
	Activities Carried Out	 Data Collection Field Measurements Encon Project identification, Techno Economic Analysis Report preparation and Presentation

	Name of assignment or project	Energy Audit
	Main project features:	Energy Audit and Identification of Energy SAVINGS Projects
	Date & Duration(months)	3 Months- 2007
	Location	Hazira, Surat
31	Client	Cairn Energy Off Shore Project
	Position held:	Senior Consultant
	Activities Carried Out	 Data Collection Field Measurements Encon Project identification, Techno Economic Analysis Report preparation and Presentation

	Name of assignment or project	Energy Audit
	Main project features:	Energy Audit and Identification of Energy SAVINGS Projects
	Date & Duration(months)	3 Months- 2007
	Location	Hazira, Manuguru
32	Client	Heavy Water Plants
	Position held:	Senior Consultant
	Activities Carried Out	 Data Collection Field Measurements Encon Project identification, Techno Economic Analysis Report preparation and Presentation

Name of assignment or	Preparation and Review of Energy Audit manuals and
project	BEE Guide Books
	BEE Guide Books Preparation for Energy mangers &
	Auditors 2010, 2015 4th Edition

		BEE Refresher Course Material Review 2017
33		Energy Audit Manual Review prepared for MEDA 1995-
		96
		Curriculum Book 3 Preparation and Review - Energy
		Efficiency in Electrical
		Technical Equipment's in for Bangladesh - CTCN UNEP
		Project by NPC AIP Chennai. 2018
		Energy Audit manual A Practitioner Guide Book Review
		prepared for EMC 2016-17
	Client	BEE/ MEDA/EMC/AIP
	Position held:	Chief Consultant
		Course content material collection
	Activities Carried Out	 Highlighting field activities for energy audit
		Critical Review and final Documentation

LanguageSkills(indicateonlylanguagesinwhichyoucanwork): <u>English, Hindi, Marathi,</u> <u>Tamil, and Malayalam</u>

Expert'scontactinformation:(e-mail:kongusankar@rediffmail.com,Phone: 9423984975)

Name of Expert: T. Sankaranarayanan

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Date: 29/03/2023

Signature