



Dr. Sundararaman Chintamani

Domain Consultant

EXECUTIVE SUMMARY

Dr. Sundararaman Chintamani brings over 40 years of industry expertise, specializing in various technical domains. He is a Certified Independent Director, Certified Industry 4.0 Assessor, Oil & Gas Consultant, Digital Transformation Consultant and Cyber Security Consultant. Additionally, he is a Business Storyteller, Keynote Speaker, Corporate Trainer and Author.

CONTACT DETAILS

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- **Jignyashika - Founder & CEO - From Apr 2019 - Till Now**
 - Offered consultancy for a public sector petroleum refinery, assisting in establishing their Knowledge Cafe, an intranet portal featuring oil and gas-specific videos and whitepapers.
 - Offered Digital marketing consultancy for a multi-million \$ B2B company, chemicals sector, USA through an India-based process software company.
 - Offered Digital Marketing consultancy for an Indian company offering Industry 4.0 solutions.
 - Offered domain specific training for a MNC IT company which has presence in oil and gas..
 - Contributed 16 Video modules on Petroleum Refining for Electronic Multi-media Research Centre (EMRC), Anna University.
 - Visiting faculty member at Pandit Deendayal Petroleum University, Gandhinagar, teaching "Enterprise Asset Management" for the School of Business Management.
 - Handled "Enterprise Asset Management" as a guest lecturer at Pandit Deendayal Petroleum at Gandhi Nagar.
 - Taught teaching "Petroleum Refining" for the B.S. (Process Engineering) program offered by BITS (Pilani) and CPCL collaboratively for CPCL employees.
 - Trained several batches of global members of Petroleum Engineers Association on Enterprise Asset Management Systems, Laboratory Information Management System (LIMS) and Plant Automation Systems.
 - Handled compelling case studies on digital transformation in the oil and gas industry for a prominent oil and gas company in India in collaboration with the Administrative Staff College.
 - Moderated panels at seminars and conferences on topics like Data Analytics, Cyber Security, and Industry 4.0.
 - Contributed posts on the latest developments in the oil and gas industry as a technical blogger.

- **Tech Mahindra Assistant Vice President, Practice Head - Oil and Gas Solutions -2016-2019**
 - Expert in the downstream segment of the oil and gas value chain.
 - Led a team of oil and gas industry experts focusing on digital solutions, sales enablement, analyst relations, alliance management, capability development, industry events, and interactions.
 - Developed "Stop Work Authority Digitally" (SWADI) mobile app and "Digital Solution Technology in Cooling Towers" (DISTINCT) IoT solution.
 - Created and implemented a communications strategy to promote digital solutions to industry analysts.
 - Developed and organized a training plan to enhance associates' domain skills, including eLearning and knowledge solutions from IHRDC, UK.
 - Conducted workshops, evaluations, and provided regular progress updates to management.
 - Developed an Incident Management Solution (SAFE) and a Management of Change (MOC) system for the oil and gas industry.
 - Created O&GPro101, an oil and gas domain certification program, and certified over 600 associates internally.
- **HCL Technologies - Operations Director - Energy & Utilities - 2010 - 2012**
 - Led the oil and gas Center of Excellence (COE) and developed various proof of concepts (POCs), including a Pipeline Integrity Management solution.
 - Created UtilPro101, a certification program on the utilities value chain and the role of information technology in utilities.
- **Mahindra Satyam - Assistant Vice President, Solutions - Energy & Utilities - 2005 - 2010**
 - Supported solutions, delivery, pre-sales, domain competency, and thought leadership for the oil and gas vertical.
 - Served as a downstream SME for a learning and development project for a US-based global oil major.
 - Facilitated knowledge transfer for an application support and maintenance project for a UK-based global oil major, visiting 5 US refineries to ensure seamless transfer.
 - Conceived and implemented a virtual oil and gas Center of Excellence, creating PoCs like a Refinery Offsite Emergency System, Global Refinery Information Portal with KPI dashboard, and Field Activity Automation System.
- **Protechsoft Systems Pvt Ltd - Chief Manager - 2001 - 2005**
 - Led the engineering group focusing on dynamic simulation and process plant IT solutions for the oil and gas industry.
 - Directed an Operator Training Simulator (OTS) project for a Thailand-based gas plant.
 - Led a team to study workflow at the Ministry of Energy and Mines in Sudan, developing a comprehensive IT roadmap for automation.
 - Developed and conducted training programs for chemical and instrumentation engineers using ProtechSoft's ProSimulator.
- **Autodynamics Process Software (India) Ltd - Chief Manager - 1997 - 2001**
 - Led engineers in executing Operator Training Simulator (OTS) projects for petroleum refining customers, including:
 - Reliance Jamnagar - Crude Distillation Unit
 - Numaligarh Refinery Limited - Delayed Coker Unit
 - Venezuelan oil and gas company
- **Chennai Petroleum Corporation Limited (CPCL) - Senior Engineer - 1982 - 1997**
 - Engineer in Oil Movements and Storage (OM&S), Hydrogen Manufacturing, and HDS Units.
 - Suggested and implemented ideas that improved logistics, cost savings, and safety, earning awards.
 - Served as a trainer and model developer for the operator training simulator system.
 - Provided DCS operations and plant simulation training to around 300 engineers and technicians from CPCL (MRL), Bongaigaon Refineries (BRPL), Essar Oil, Petronas-Malaysia, and Sonatrach-Algeria.

Academic and Professional Qualifications

- PhD | University of Petroleum and Energy Studies, Dehradun | 2020
 - Development of Cybersecurity Mandate for Indian Oil and Gas Industry
- MS | Birla Institute of Technology and Science (BITS), Pilani | 1993
 - Technological Operations
- AMIE | Institution of Engineers (India) | 1990
 - Chemical Engineering
- D.C.Tech | Institute of Chemical Technology, Chennai | 1982
 - Chemical Technology

Certifications

- Certified Global Business Leader (CGBL) - SSL, BHSP and U21 Global
- Certified Industry 4.0 Assessor - TUV & Confederation of Indian Industry (CII)
- Certified Independent Director - Indian Institute of Corporate Affairs (IICA) of Ministry of Corporate Affairs
- Basic Practitioner of Neuro-Linguistic Programming (NLP)- NFNLP - The National Federation of Neuro-linguistic Programming (USA)

Honors & Awards

- School of Business, University of Petroleum and Energy Studies, Dehradun | 2017
 - 2nd prize for "Development of Cyber Security Mandate for Indian Oil and Gas Industry."
- Tech Mahindra | 2017
 - Received 'eXcellent' performer ratings in Annual Appraisal Process for consecutive years.
- Toastmasters International | 2014 & 2021
 - Achieved Distinguished Toastmaster 9DTM) award, the highest award from Toastmasters International recognizing communication and leadership skills under the traditional curriculum. Also got the 2nd DTM award in the Pathways curriculum in 2021 .

Professional Activities

- Been a regular faculty on Design Thinking, Mind-mapping, Presentation Mastery and Power of Creativity at Madras Management Association.
- Played the role of Quizmaster, Club Coach Chair, Pathways Ambassador, Area Governor, Pathways ambassador at District 120 of Toastmasters International and the President of club for couple of Toastmasters.
- Headed Chennai Chapter for the Professional Speakers Association of India (PSAI).
- Presented papers and moderated panels at industry conferences on topics like Data Analytics, Cyber Security and Industry 4.0.
- Technical blogger on emerging trends in the oil and gas industry.
- Contributed extensively to industry forums and published posts on technical developments.

Digital Assets and Tools

- Proficient in tools like Canva Pro, Microsoft Visio, Quiziz, VN Editor, Movie Maker, Audacity and Adobe Premier for content creation and editing.
- Developed digital assets including videos on Design Thinking and micro-videos on creativity.