

TEAMTECH ENVIRONMENT HEALTH & SAFETY PRIVATE LIMITED (TEAMTECH EHS) - AN INTRODUCTION AND PROJECT CASE STUDIES

JULY 2024

Disclaimer: This presentation is confidential and for internal use by the Client for evaluation purposes only. It may not be shared, disclosed or distributed to any other third party without the express, written permission of TeamTech Environment Health & Safety Private Limited (TeamTech EHS). The methodology mentioned in TeamTech EHS's presentation may contain TeamTech EHS trade secrets, and the presentation and all its content is an intellectual property of TeamTech EHS.



TEAMTECH EHS

ABOUT TEAMTECH ENVIRONMENT HEALTH & SAFETY PRIVATE LIMITED



300+ Clients



Projects in 10 Countries



Competent Team



Customised Solutions



AA1000
Licensed Assurance Provider
000-717

**Licensed AA 1000
Assurance Provider**

OUR SERVICES

SERVICES WE OFFER

- ✓ Sustainable Consulting
- ✓ Audits & Assessments
- ✓ Trainings
- ✓ System Development & Implementation Support
- ✓ Reporting & Assurance
- ✓ Digital Transformation



TeamTech EHS

Your partner for sustainable brand value

OUR SERVICES

Sustainability Strategy & Consulting

- ESG Strategy Formulation
- Materiality Assessment
- GHG Inventory & Life Cycle Assessment (LCA)
- Water Management Solutions
- Energy & Fuel Management

Training & Capacity Building

- ESG Awareness & Advanced Training
- Fire & Life Safety Management Training
- Chemical Handling & Warehouse Safety
- Internal Auditor Training
- Process Safety Management Workshops
- Critical Risk management training on all technical EHS topics

Management Systems & Certification

- ISO 9001: 2015 Quality Management Systems
- ISO 14001:2015 Environment Management Systems
- ISO 45001:2018 Occupational Health & Safety Management Systems
- ISO 50001:2018 Energy Management System
- SA 8000:2014 Social Accountability Management

Product Safety & Certifications

- Product safety & sustainability assessment
- Green building consultancy
- Product safety certifications pre-assessment
- Product life cycle assessment

OUR SERVICES

Operational Excellence

- Business process mapping & reengineering
- Value engineering coordination
- Lean, kaizen, TQM, TPM coordination
- Digital & process automation solutions coordination
- EHS tech systems development & deployment

Environment Health Safety & Critical Risk Management

- Construction safety planning
- Road safety consulting
- Process safety & loss prevention services
- Behavior-based safety projects
- Contractor safety management
- Critical risk management
- Third party incident investigations
- Providing virtual/on-site EHS/ESG consulting for client risk management.
- Ergonomics risk assessment, training & implementation assistance
- Industrial hygiene services

Reporting & Assurance

- ESG/Sustainability Reporting (Various Standards & Frameworks)
- BRSR Reporting
- Assurance of BRSR, Sustainability, ESG, CDP, GHG Emission and TCFD Reports.
- Carbon Reduction Plans to meet EU/UK regulatory requirements

Audits & Assessments

- EHS, OHS & Social Audits
- Groundwater Discharge Feasibility Assessment
- Fire & Life Safety Assessment
- Property condition assessments
- Structural safety review
- Indoor Air Quality Assessment
- Rail Safety Assessment.
- Technical Due diligence on EV
- Sustainable Procurement
- Water Vulnerability & Flood Risk Assessment
- Pharmaceutical Supply Chain Initiative (PSC) Preparatory Assessments
- Environment Social Due Diligence (ESDD)
- Environment site assessment (Phase 1 & 2)
- Climate risk assessments

TEAMTECH EHS TEAM'S PROFILE

WORK EXPERIENCE

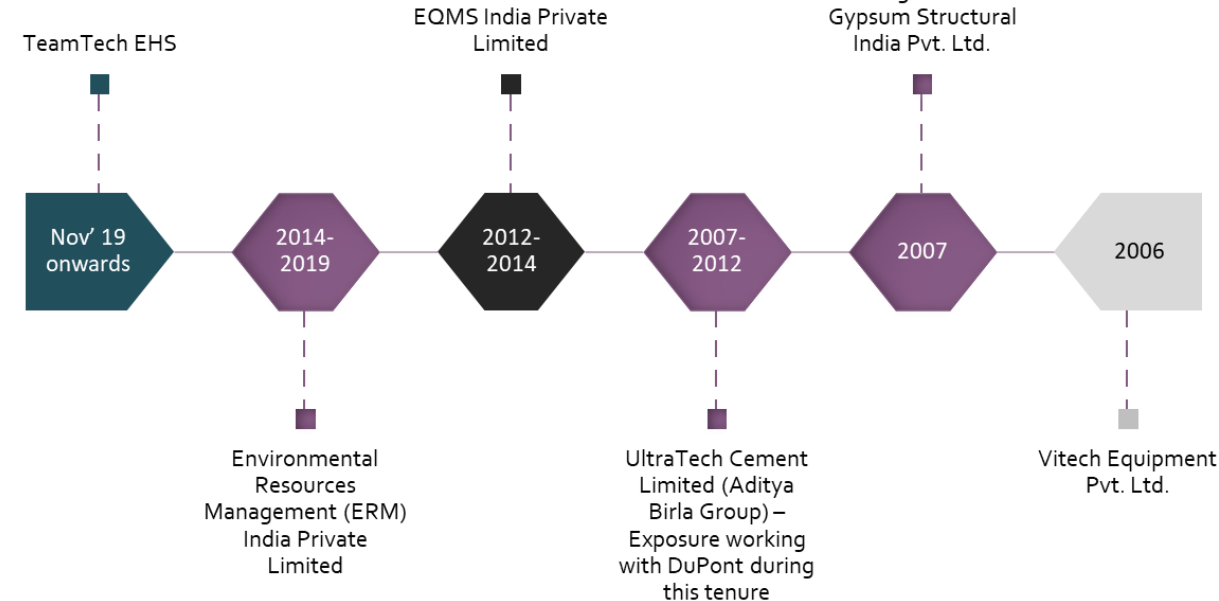
- ✓ EHS Consultant with 18 years of work experience
- ✓ Working exposure with DuPont, ERM, Rio Tinto, Rossing Uranium, Aditya Birla, Tata, Vedanta, Philips, Reliance, Ford & TAQA.
- ✓ 11 years into consulting
- ✓ 175+ assignments & 325+ clients
- ✓ 2000+ training hours & 180+ audit workdays
- ✓ 400+ workdays of secondment support



DIPIL KUMAR VASU, SMS
DIRECTOR, TEAMTECH EHS



Ludwig Pfeiffer –
Gypsum Structural
India Pvt. Ltd.



- Certified ESG Professional Impact Leader, IICA, Ministry of Corporate Affairs, Government of India
- Member of National Association of Impact Leaders (NAIL)
- GRI Certified Training Course on GRI Sustainability Reporting Standards from KPMG, India
- Low Carbon Pathways Training from the Centre for Science and Environment (CSE)
- Confederation of Indian Industry (CII) Certified training on BRSR & Climate Change

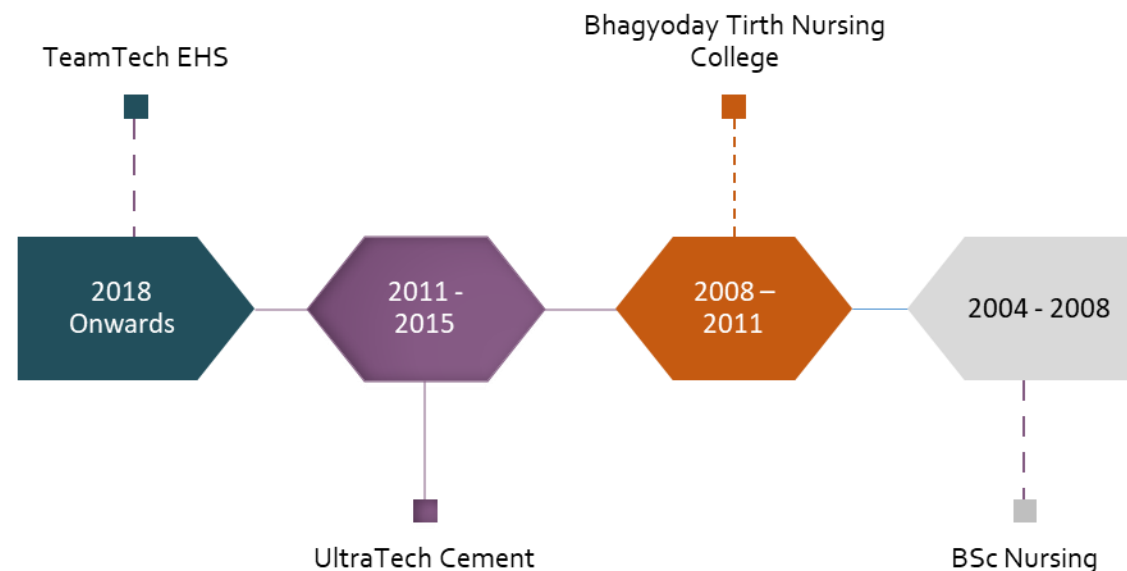
TEAMTECH EHS TEAM'S PROFILE

WORK EXPERIENCE

- ✓ Corporate Consultant & Trainer in Occupational Health & Safety with more than 7 years of experience
- ✓ Background in Industrial Nursing with 4 years at UltraTech, an Aditya Birla Group company in Jaipur.
- ✓ Founder and Director of TeamTech EHS
- ✓ Managing Operations and Finance at TeamTech EHS
- ✓ Managing recruitment, employee relations, and organizational development for TeamTech EHS.



DIVYA VIJAYAN
DIRECTOR - OPERATIONS & FINANCE
TEAMTECH EHS



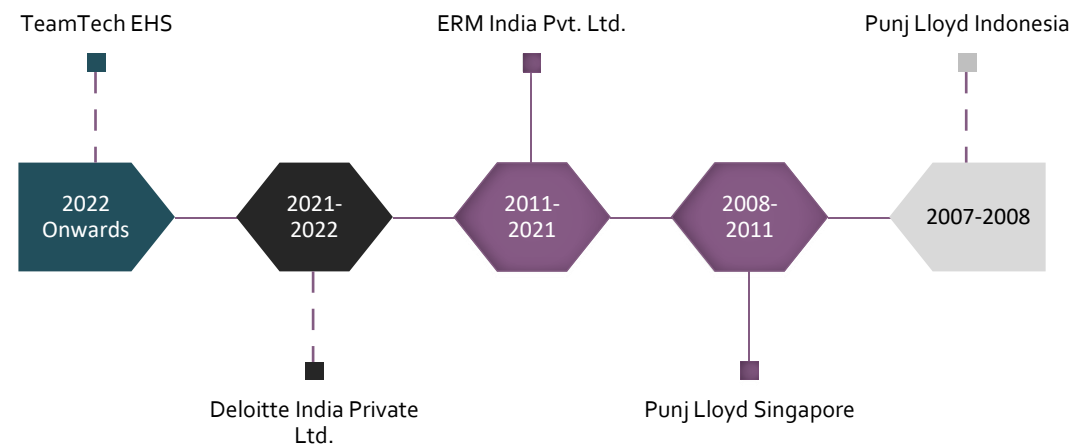
TEAMTECH EHS TEAM'S PROFILE

WORK EXPERIENCE

- ✓ EHS Consultant with 15 years of work experience
- ✓ Working exposure with Deloitte, ERM, Exxon Mobil, Total, Gerdau, Cisco, Amazon, Vedanta, Indena, GSK & Pfizer
- ✓ 10 years into consulting
- ✓ 100+ assignments & 90+ clients
- ✓ 1120+ training man hours & 116+ audit man days
- ✓ 1000+ man days of secondment support



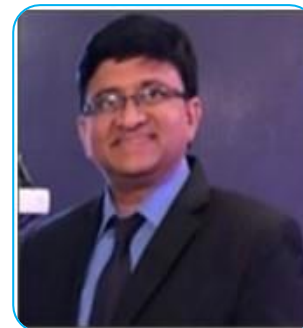
BIJO S DINESH
PRINCIPAL ADVISOR (ESG),
TEAMTECH EHS



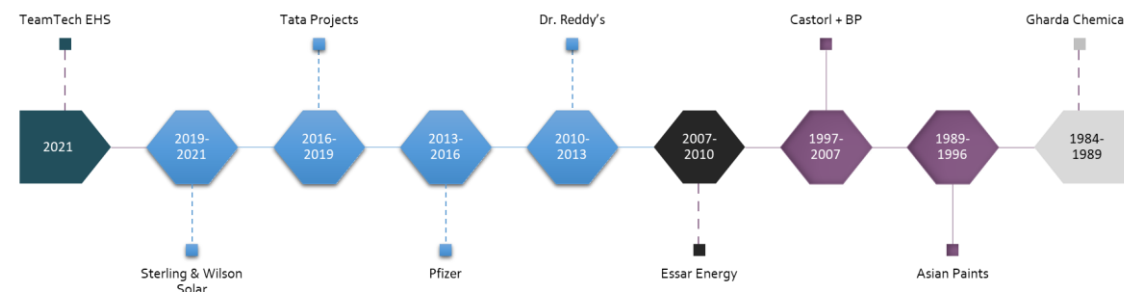
OUR TEAM

WORK EXPERIENCE

- ✓ **HSSE Consultant with 36 years of work experience**
- ✓ **Led the Tech Transfer, Manufacturing, Quality, HSSE, Project Construction, Business Excellence & Sustainability functions**
- ✓ **235+ projects & 60+ clients**
- ✓ **624 training man-days**
- ✓ **102 Business Excellence external Assessment man-days**
- ✓ **150+ man days of external HSE Audits**



**SHANKAR RAJAGOPALAN,
LEAD CONSULTANT :
QEHS, BUSINESS EXCELLENCE AND
PROCESS IMPROVEMENTS,
TEAMTECH EHS**



TEAMTECH EHS TEAM'S PROFILE

WORK EXPERIENCE



Property Loss Prevention Consultant and Fire Protection Consultant with more than 18 years of experience



Working exposure with FM Global, Marsh, TATA, Larsen & Toubro, Vedanta, HP, Dell, Pfizer & IOCL.



12 years of expertise in risk identification, analysis, quantification & mitigation of industrial property related risks



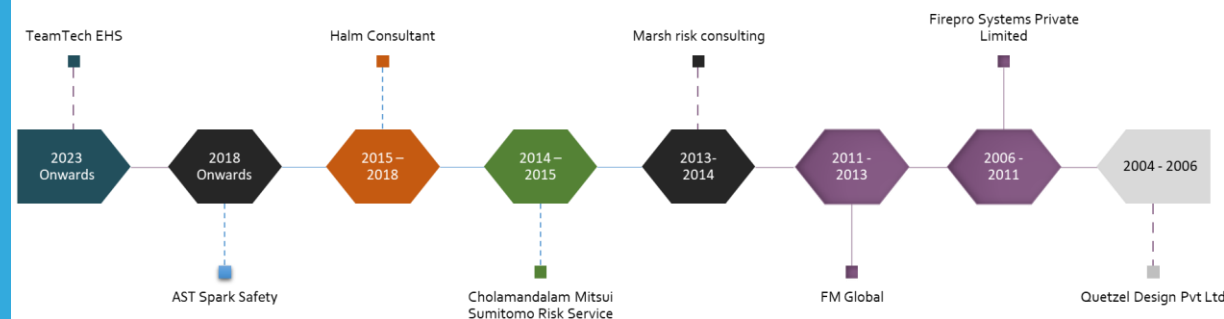
Certified and trained Loss prevention consultant from FM Global from USA and Singapore



17 years of expertise in design, installation and commissioning of fire protection and detection system



RANJITH KUMAR P,
SENIOR LOSS PREVENTION &
PROCESS SAFETY CONSULTANT,
TEAMTECH EHS



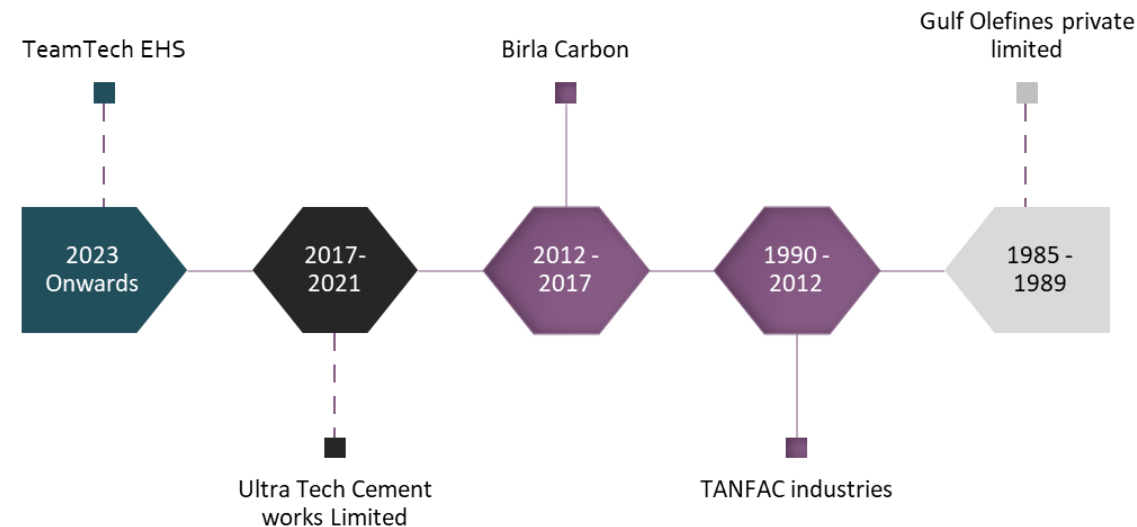
TEAMTECH EHS TEAM'S PROFILE

WORK EXPERIENCE

- ✓ Safety professional with more than 36 years of work experience
- ✓ Working exposure with TANFAC Industries, Gulf Olefines, Birla Carbon and UltraTech Cement
- ✓ Expertise in the design & implementation of Sustainable Safety Culture Program
- ✓ Post Graduate Diploma in Industrial Safety from Regional Labor Institute
- ✓ Acted as Master Trainer for 15+ Technical Safety Standards in UltraTech



S. GANESAN
PRINCIPAL ADVISOR (EHS)
TEAMTECH EHS



TEAMTECH EHS TEAM'S PROFILE

WORK EXPERIENCE



Automotive Homologation Consultant with 7+ years of work experience



Working exposure with lithium battery pack manufacturer for Electric Vehicle as Head Operations and vehicle homologation teams



Certified High Voltage vehicle systems professional from SAE International, USA, Certified Trainer for Automotive Skills Development Council, India for HV Electric Vehicle trainings in India



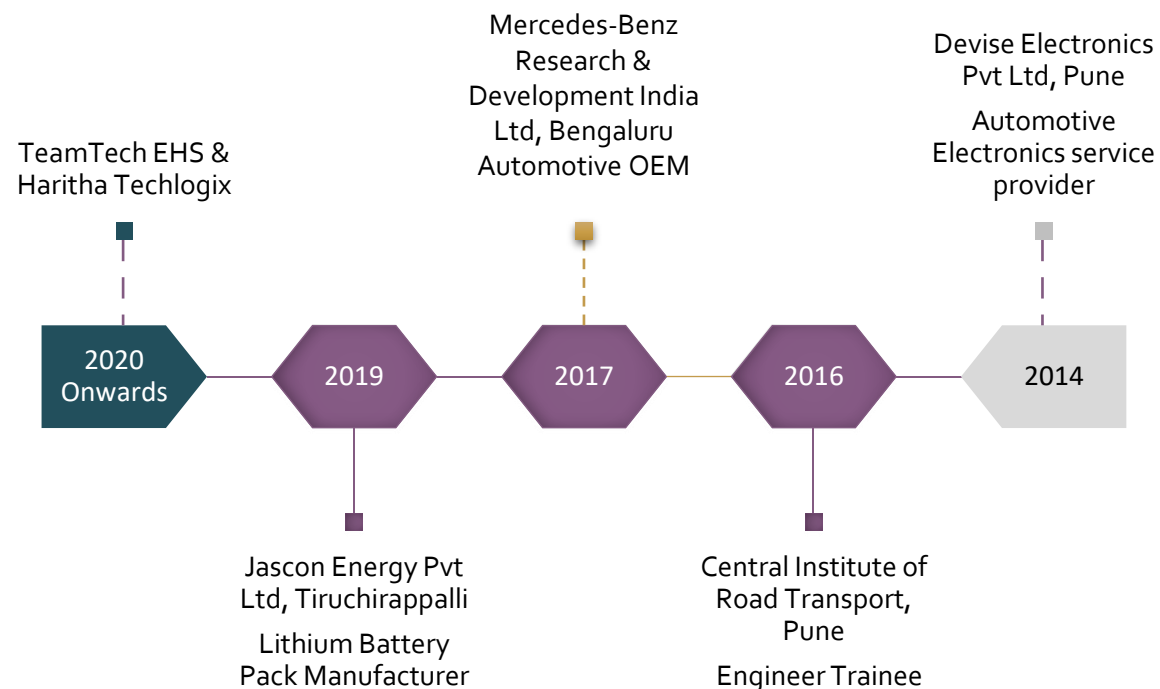
1200+ training man hours & 30+ High Voltage EV & HEV Workshop Chairing man days



Handled 15+ EV component certifications, 4 full EV certification projects , Teardown and benchmarking projects etc.



**PRASANTHKUMAR PALANI B.E.,
M.TECH (CIRT)
AUTOMOTIVE HOMOLOGATION
CONSULTANT**



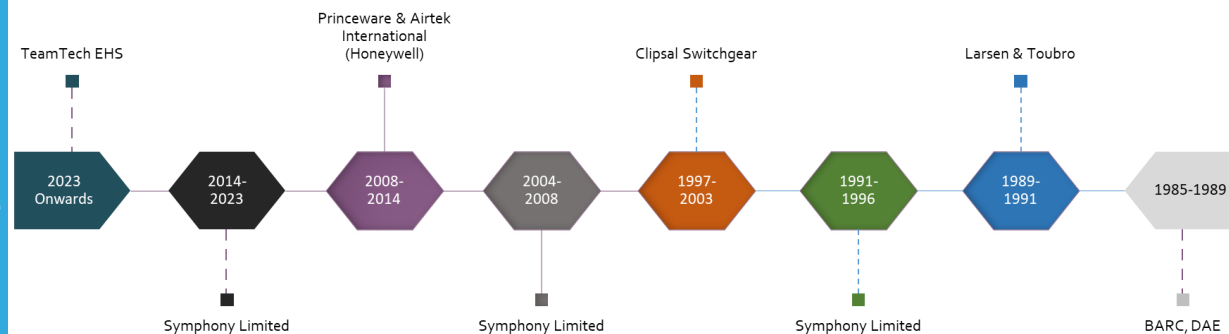
TEAMTECH EHS TEAM'S PROFILE

WORK EXPERIENCE

- ✓ ESG Consultant with 38 years of work experience
- ✓ ESG Impact Leader (IICA) & Qualified Independent Director
- ✓ Extensive global experience in 30+ countries across all continents in key roles with reputed companies
- ✓ Proficiency in: home appliances, consumer electronics, switchgear, office automation, machinery, heat Xers, pressure vessels & nuclear power.
- ✓ Experience in ESG, Compliance, Product Development, Manufacturing Operations, QA & Business Operations.



SHAH FALGUN
EXECUTIVE VP ESG ADVISORY,
TEAMTECH EHS



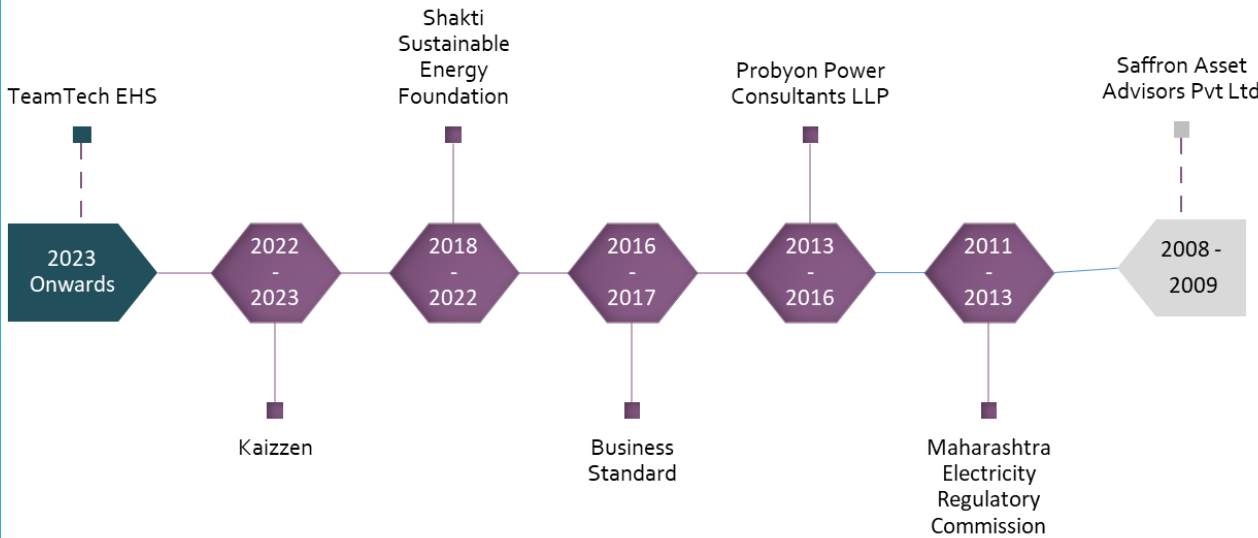
TEAMTECH EHS TEAM'S PROFILE

WORK EXPERIENCE

- ✓ 30+ years of experience of working in clean energy, climate change and sustainability space
- ✓ Exposure to projects on renewable energy, climate change and ESG
- ✓ Expertise in CSR initiatives, social entrepreneurship and sustainable development
- ✓ IICA Certified ESG Professional - Impact Leader
- ✓ Speaker and author on ESG related subjects



GAYATRI RAMANATHAN,
MANAGING PRINCIPAL
(ESG SOLUTIONS),
TEAMTECH EHS



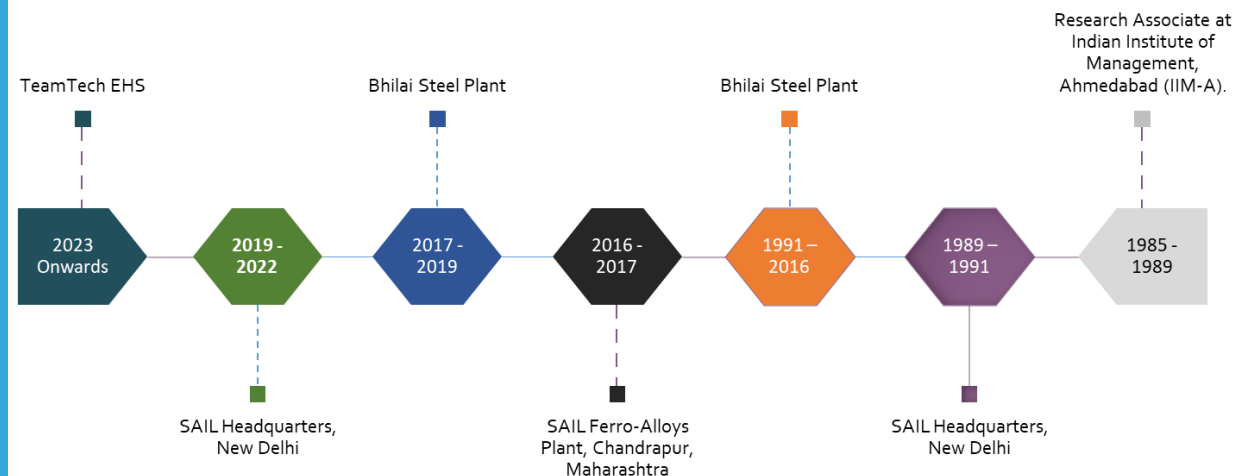
TEAMTECH EHS TEAM'S PROFILE

WORK EXPERIENCE

- ✓ HR, TQM & CSR Professional with more than 30 years of work experience in a Maharatna Public Sector undertaking
- ✓ Working experience includes Research & Teaching experience in the OB area of IMA, HR & TQM at Bhilai Steel Plant & SAIL Ferro-Alloys Plant. Headed the HR & CSR compliances at the SAIL Headquarters, New Delhi.
- ✓ IICA Certified ESG Professional - Impact Leader
- ✓ Certified Independent Director registered with the IDDB (Independent Directors Data Bank) of the IICA
- ✓ Lead Auditor ISO 9000 & Lead NABH Assessor by the Quality Council of India



RAKESH KUMAR,
ESG STRATEGY & GOVERNANCE
LEAD, TEAMTECH EHS



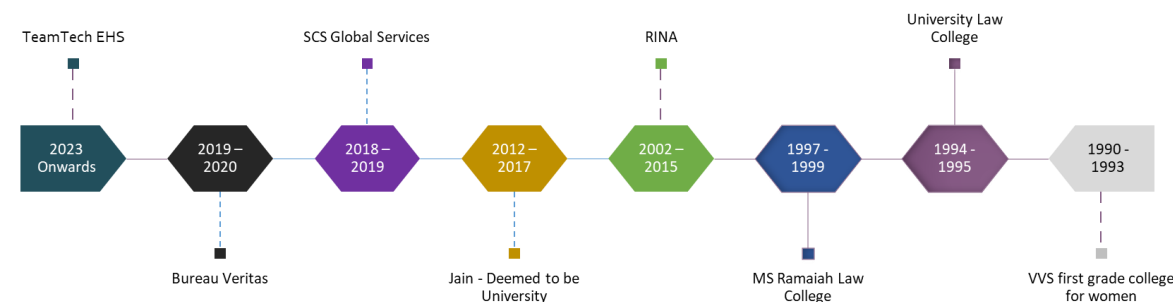
TEAMTECH EHS TEAM'S PROFILE

WORK EXPERIENCE

- ✓ Lead Auditor (social accountability) with 30+ years of work experience
- ✓ Working exposure BVCPS, DNV, and RINA India Pvt Limited.
- ✓ 250 management system audits (certification and surveillances) in Social Accountability
- ✓ 50 training programs in Social Accountability across the country
- ✓ Worked with NGO's in the area of CSR impact reporting.
- ✓ Conducted aqua culture audits against the Aqua culture standard



KALPANA MURALIDHARAN
SENIOR ADVISOR (ESG)
TEAMTECH EHS



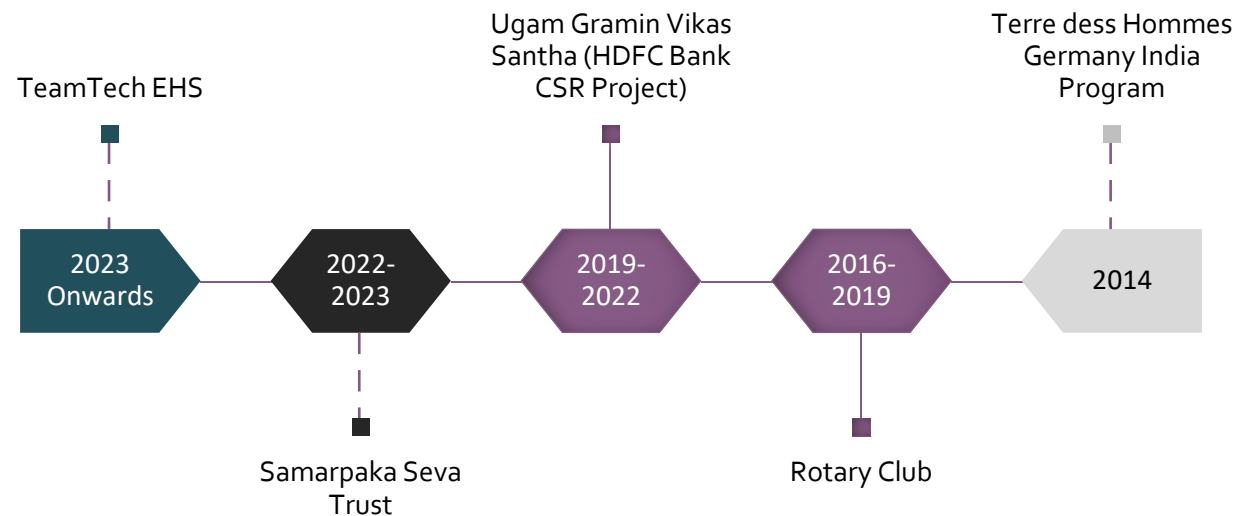
TEAMTECH EHS TEAM'S PROFILE

WORK EXPERIENCE

- ✓ ESG Consultant with 10+ years of work experience
- ✓ Working exposure in the social development sector
- ✓ 03+ years into consulting
- ✓ Working exposure of CSRs projects with HDFC, Azim Premji Foundation, HGS, Mukul Madhav Foundation, Pharmacists without borders Germany
- ✓ Expertise in water conservation, women's empowerment and tribal education
- ✓ Expertise in ESG/Sustainability reporting



ASHWINI KAMBLE,
CONSULTANT (ESG),
TEAMTECH EHS



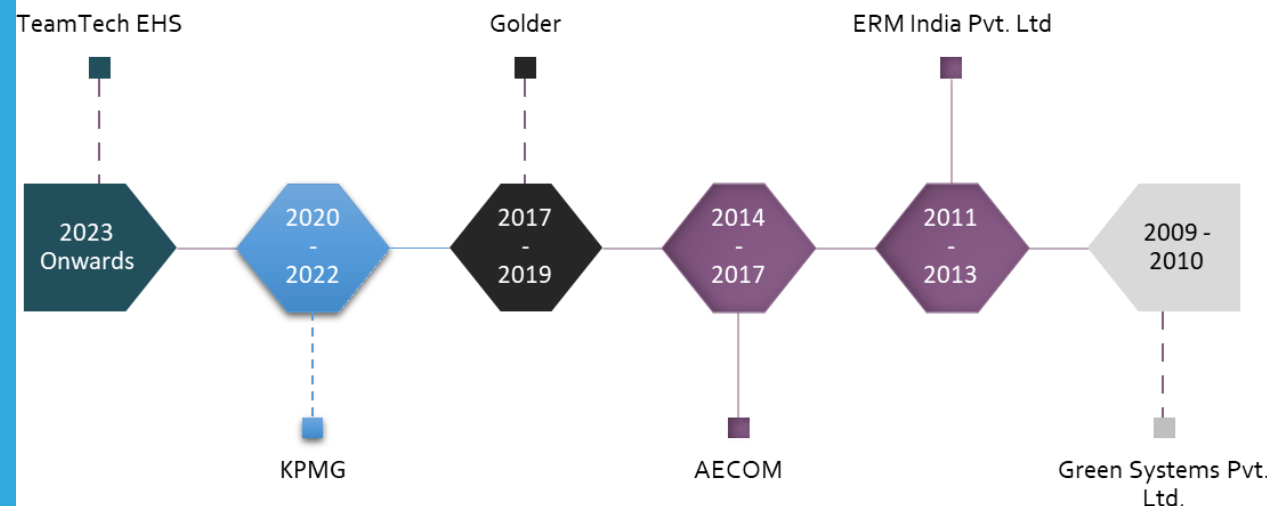
TEAMTECH EHS TEAM'S PROFILE

WORK EXPERIENCE

- ✓ ESG & Impact Consultant with 13+ years of work experience
- ✓ Working exposure with ERM, URS AECOM, Golder, KPMG
- ✓ 13+ years into Due Diligence experience in Country like India, Singapore, China, Sri Lanka, Bangladesh, Oman and UAE
- ✓ 150+ M & A and Transaction Assignments {ESGDD, EDD (Phase I & Phase II, EHSDD, ESIA)}
- ✓ GRI:2021 Certified Sustainability Professional
- ✓ Certified SA 8000:2014 Internal Auditor



DIGANTA SHARMA,
SENIOR CONSULTANT,
TEAMTECH EHS



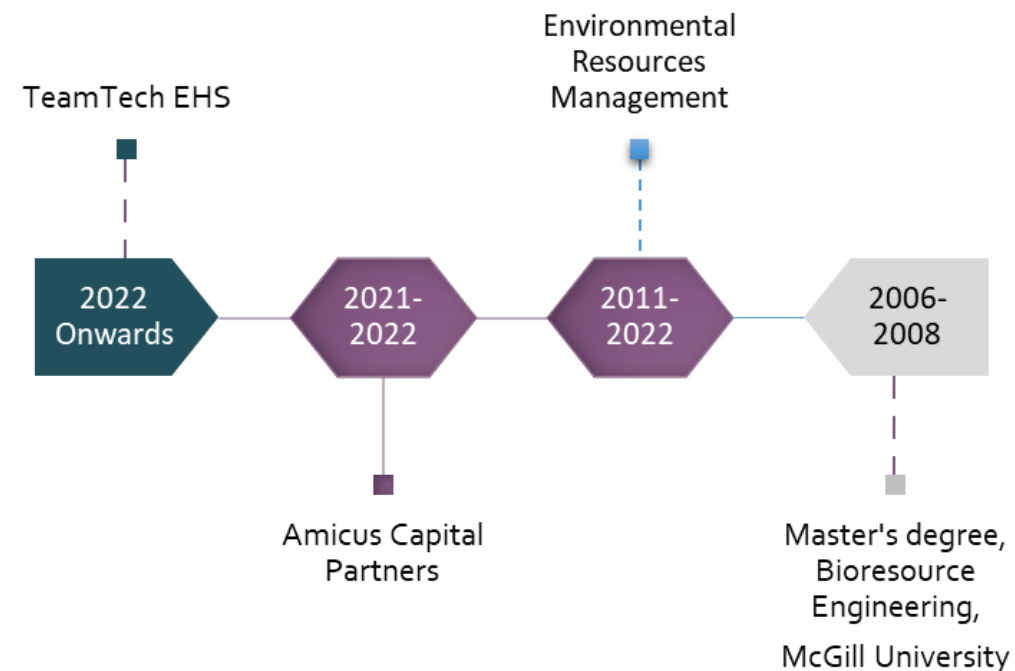
TEAMTECH EHS TEAM'S PROFILE

WORK EXPERIENCE

- ✓ Sustainability Professional with over 10 years of consulting experience
- ✓ Working exposure with multinational organizations in the fields of consumer goods, energy, renewables, logistics, chemical, pharmaceutical,, and the World Bank.
- ✓ Executed 200+ EHS/ESG and sustainability projects for clients in Asia and Canada
- ✓ Equipped in areas of regulatory compliance, operational excellence, EHS audits, developing and implementing corrective actions, risk mitigation, and remediation.



VIDISHA SOMASHEKAR
ESG CONSULTANT



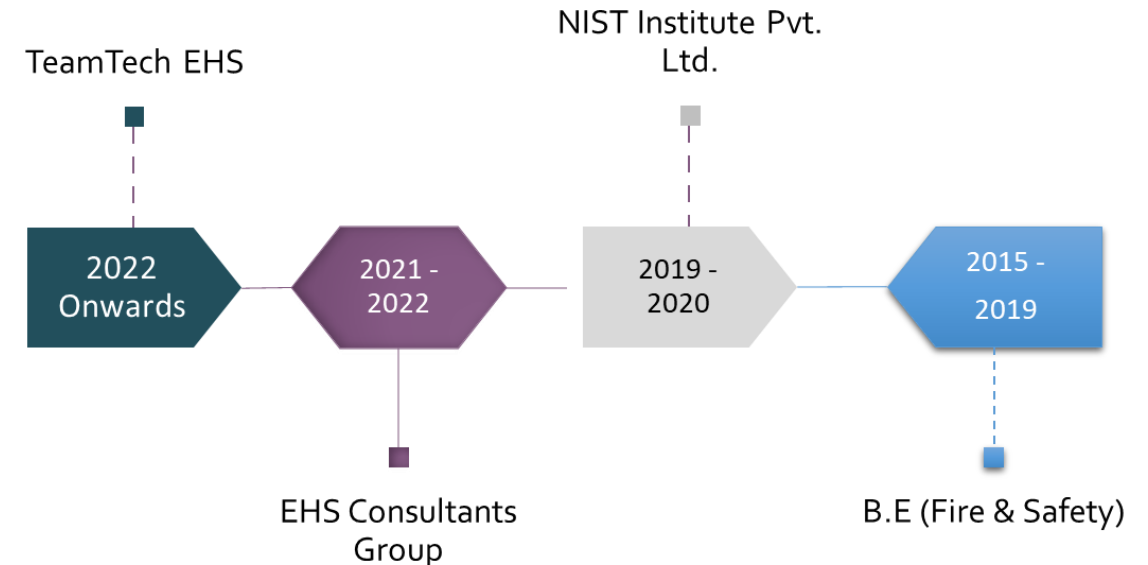
TEAMTECH EHS TEAM'S PROFILE

WORK EXPERIENCE

- ✓ EHS & Sustainability Consultant with expertise in various sectors such as TMT, Chemical, Automobiles & Power
- ✓ Working exposure with Flipkart, Ashok Leyland, Bosch, Genpact, Honda, V-Guard and Balmer & Lawrie.
- ✓ Expertise in Sustainability/ESG reporting projects
- ✓ Subject matter expert on Indian EHS regulatory affairs
- ✓ 40+ assignments & 25+ clients
- ✓ 50+ audit workdays



SADDAM MANSURI
MANAGER - EHS &
SUSTAINABILITY, TEAMTECH EHS



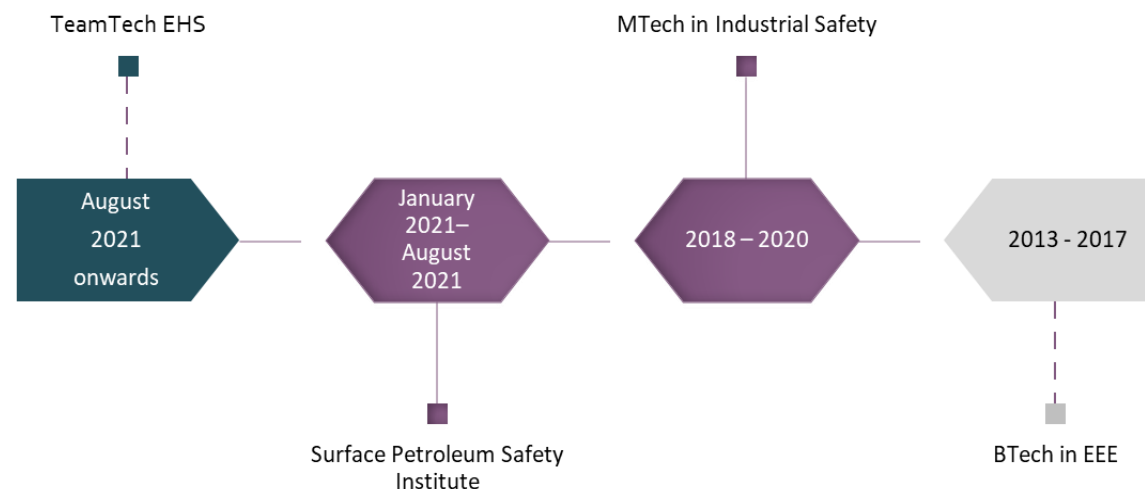
TEAMTECH EHS TEAM'S PROFILE

WORK EXPERIENCE

- ✓ EHS Professional with more than 3 years of work experience
- ✓ Working exposure with Philips, Premier Energies, RUL, TAQA, Swani Spices, Sundaram Clayton, Akums & Magna
- ✓ Transitional Safety Practitioner (TSP) designation by the Board of Certified Safety Professionals (BCSP), America
- ✓ Holds a BTech in Electrical and Electronics Engineering and an MTech in Industrial Safety
- ✓ Experience in ESG gap assessments, EHS risk assessments & safety culture development,.



VIPIN BALACHANDRAN
CONSULTANT, TEAMTECH EHS




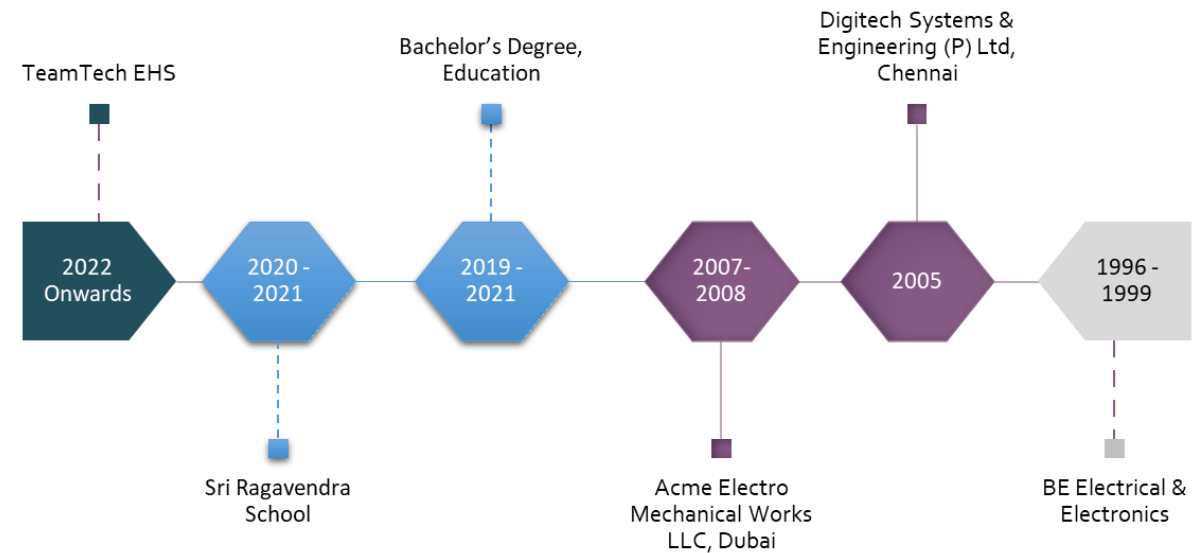
TEAMTECH EHS TEAM'S PROFILE

WORK EXPERIENCE

- ✓ Proficient in ESG Data Analysis and Content Drafting
- ✓ Extensive experience with Indian and Overseas Organizations
- ✓ Specialized in EHS Risk Assessments and Compliance Evaluations
- ✓ Beginner level credentials in ESG Reporting, Sustainable Finance, Environment management and Energy Auditing
- ✓ Drafting support in BRSR and Sustainability Reports
- ✓ Expertise in Industrial and Home Automation Design and Implementation



Vidhya Gnanasekaran
CONSULTANT, TEAMTECH EHS 



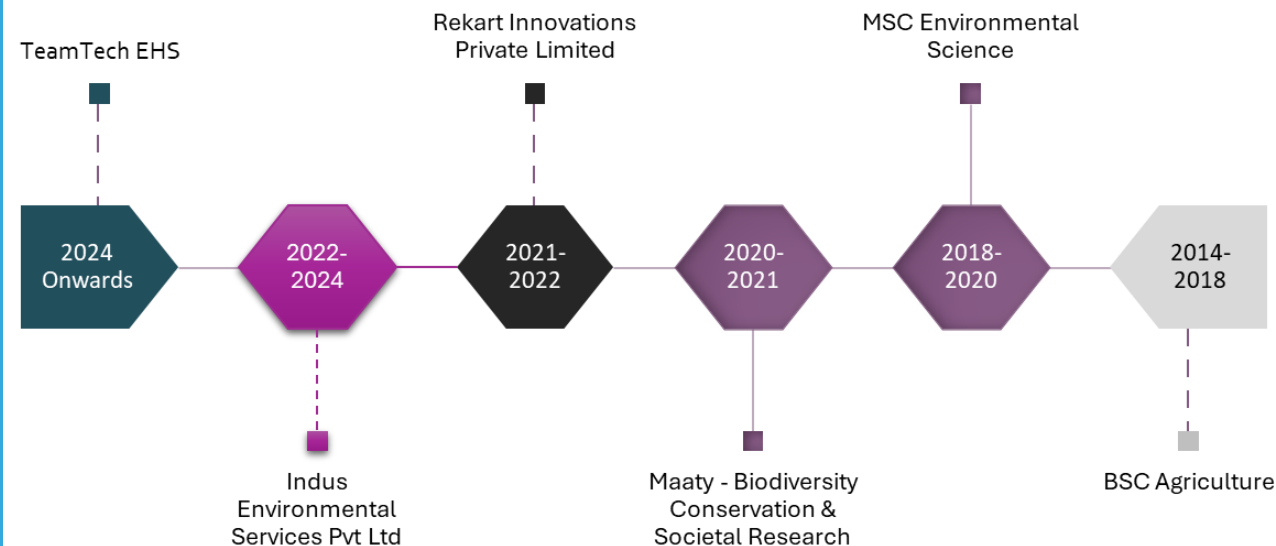
TEAMTECH EHS TEAM'S PROFILE

WORK EXPERIENCE

- ✓ Senior ESG Consultant holding a Post Graduate Diploma in Environmental Law & Policy and a Master's in Environmental Science
- ✓ Working exposure with renowned PE/VC funds like A91 Partners, NIIF, and ICICI Ventures
- ✓ Specializes in developing and implementing Environmental & Social Management Systems (ESMS)
- ✓ Strong background in Plastic Waste Management and compliance with complex regulations
- ✓ Proficient in creating stakeholder engagement plans, training programs, and reports



SHEFALI RANA
SENIOR CONSULTANT - ESG,
TEAMTECH EHS





SELECTED PROJECTS & CASE STUDIES



CASE STUDY – LIFE CYCLE ASSESSMENT (LCA) STUDY PROJECT

Introduction

- Sector - Electric/Electronics Manufacturing
- Client - CG Power and Industrial Solutions Limited.
- Project – Life Cycle Assessment (LCA) Study per ISO 14040 and 14044 considering Cradle to Gate boundary condition, using SimaPro/openLCA software.

Business Challenge

- The client of CG Power, based in Italy, has requested CG Power to undertake a comprehensive Life Cycle Assessment (LCA) Study of its transformers as a prerequisite for potential product sales.

Our Support to the Client

- Life Cycle Assessment (LCA) Study of Six Transformers.

Benefits

- Comprehensive evaluation of environmental impact throughout the product's life cycle.
- Identification of areas for improvement and more sustainable decision-making.
- Enhanced understanding of the product's environmental hotspots and potential risks.

CASE STUDY - ENVIRONMENT SOCIAL GOVERNANCE PROJECT (EV SECTOR)

Introduction

- Sector – Electric Vehicle Last Mile Connectivity Business
- Client – Magna Automotive India Pvt. Ltd
- Project – Phase I environmental site assessment (ESA) & EHS Compliance Audit of the Lithium-ion battery packs and the allied charging infrastructure of a “E2W Mobility as a Service Provider”

Business Challenge

- Our client wants to ensure that the company is meeting all International compliance in all the operations including lithium-ion battery pack handling, storage, transportation and charging infrastructure before carrying out any potential investment.

Our Support to the Client

- identified several noncompliance of the lithium-ion batteries with respect to the Indian Automotive Industry Standard AIS 048 and International standards like ISO 6469.
- identified the noncompliance with International standards like IEC 62840 Part 1 & 2 in the charging infrastructure used for charging their lithium-ion battery packs used in electric scooters.
- Identified the lack of appropriate fire fighting and suppression systems and recommended the correct systems compatible with lithium-ion battery packs as per the IEC and other International guidelines from NFPA, USA.

Benefits

- Target organization was able to identify all their technical and knowledge gaps and took appropriate measures as per our inputs. Informed investment decision by our Client.
- Target organization able to meet all the compliance requirements as per both Indian and International regulations boosting their confidence.

CASE STUDY - ESTABLISHING BEST IN CLASS SAFETY STANDARD (EV SECTOR)

Introduction

- Sector – Automobile (Electric Vehicle)
- Client – Ola Electric
- Project – Establishing best in class safety standard

Business Challenge

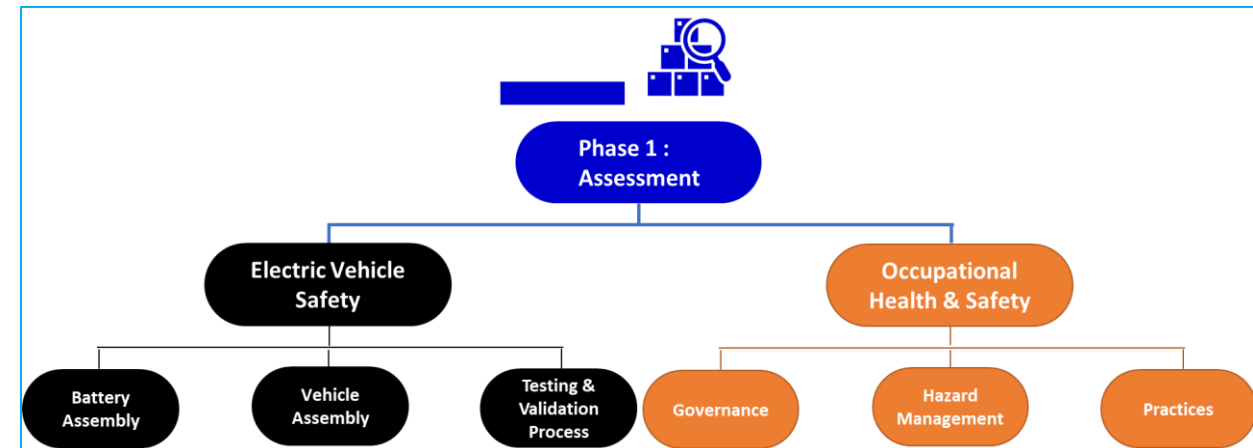
- The client like to establish best-in-class safety standard for their organization

Our Support to the Client

- Detailed gap assessment to identify the critical risk programs (CRP) - 07 Days on-site by 04 Consultants
- Safety Cultural Assessment - 524 participants

Benefits

- Road map for implementing CRP.
- Recommended organization structure and KPIs



CASE STUDY - PROCESS SAFETY PERFORMANCE IMPROVEMENT PROJECT

Introduction

- Sector - Mining
- Client - Rossing Uranium Limited (A CNNC Company), Namibia
- Project – Process Safety Management Performance Improvement Support

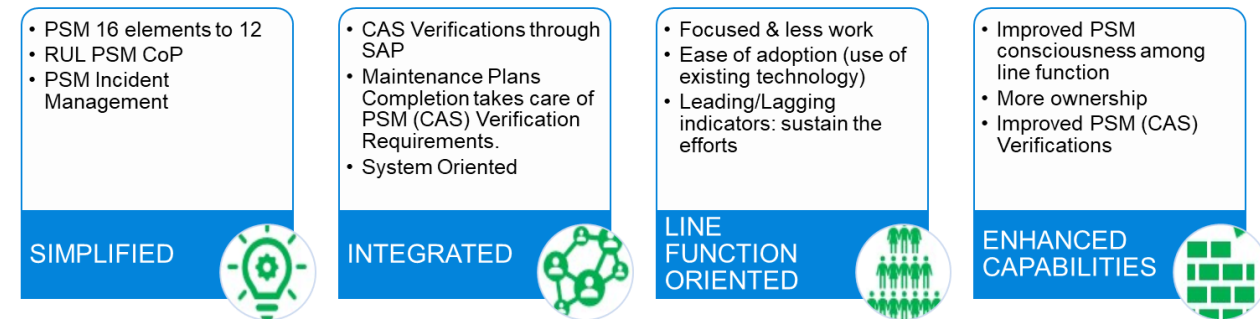
Business Challenge

- Process Safety is the key risk to the operations and Client management pro-actively decided to carryout a deep dive to improve the systems and practices.

Our Support to the Client

- Deep Dive & Action Plan Development
- Onsite Implementation Support
- Eight Months Duration (Off-Site & On-Site)

Benefits



CASE STUDY - LIFTING OPERATION PERFORMANCE IMPROVEMENT PROJECT

Introduction

- Sector - Mining
- Client - Rossing Uranium Limited (A CNNC Company), Namibia
- Project - Safety Performance Improvement Support on lifting operations

Business Challenge

- Sustaining safety performance on the Lifting operation as part of broader Safety Management System.

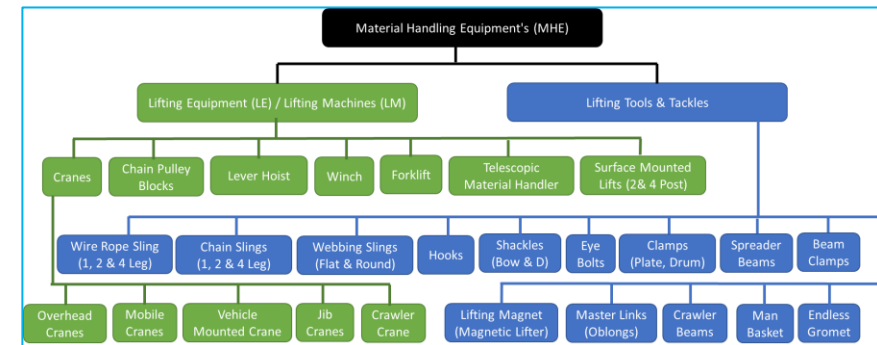
Our Support to the Client

- Deep Dive & Action Plan Development
- Implementation Support
- 45 days On-Site Support & Total of 09 months project

Benefits

- Improved performance of Lifting Operations
- Improved structure with Operational & Maintenance

Controls in place



CASE STUDY - ENERGY ISOLATION PERFORMANCE IMPROVEMENT PROJECT

Introduction

- Sector - Mining
- Client - Rossing Uranium Limited (A CNNC Company), Namibia
- Project - Energy Isolation Performance Improvement Support

Business Challenge

- Sustaining performance on the Energy Isolation (Lock Out Tag Out Try Out - LOTOTO) element of the broader Safety Management System.

Our Support to the Client

- Deep Dive & Action Plan Development
- Onsite Implementation Support
- One Month Duration (On-Site)

Benefits

- Sustained Performance on Energy Isolation & Reduced non-conformance reporting
- Improved awareness on LOTOTO
- Improved verifications by Line Management

CASE STUDY - RAIL SAFETY PERFORMANCE IMPROVEMENT PROJECT

Introduction

- Sector - Mining
- Client - Rossing Uranium Limited (A CNNC Company), Namibia
- Project – Rail Safety Performance Improvement project

Business Challenge

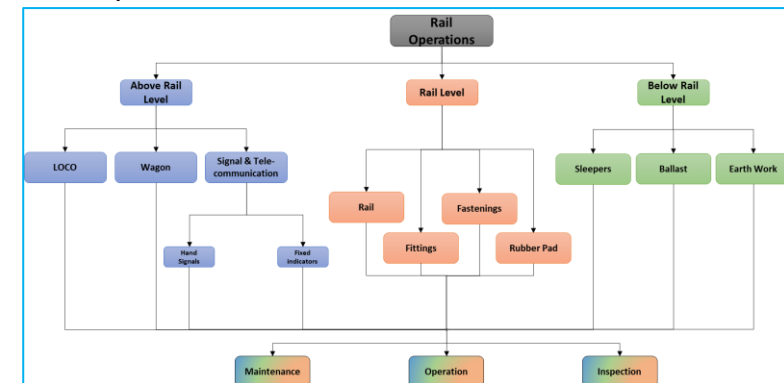
- Sustaining safety performance on rail safety as part of broader Safety Management System.

Our Support to the Client

- Revising Code of Practices per Namibian Regulations & International Best Practices
- Comprehensive Gap Assessment & Development of Action Plan
- 12 days On-Site Support & 05 Months Offline Support

Benefits

- Identified improvement opportunities
- Improved structure with Operational & Maintenance Controls in place



CASE STUDY - SUSTAINABLE SAFETY CULTURE DEVELOPMENT

Introduction

- Sector – Metals
- Client - Dundee Precious Metals Tsumeb, Namibia
- Project – Safety Officers Development Training Course

Business Challenge

- Over a third-party Safety Perception Survey, the Client identifies the need to improve capacity of its EHS Team.

Our Support to the Client

- 50 hours of training over 25 days (19 Aug'20 - 21 Oct'20)
- 06 Trainees, 16 Topics & 09 Trainers
- Virtual training over Microsoft Teams

Benefits

- Average score of participants increased by 37 % from pre-course evaluation to post-course evaluation
- Enhanced awareness among the participants & able to introduce innovative solutions at work

CASE STUDY - SUSTAINABLE SAFETY CULTURE DEVELOPMENT

Introduction

- Sector – Power
- Client - TAQA Neyveli Power Company Pvt Ltd, India
- Project – Sustainable Safety Culture Design & Implementation Support

Business Challenge

- The client was wanting to establish a standardized approach for Hazard Identification and safety interactions at site.

Our Support to the Client

- Sustainable Safety Culture Leadership Training
- Design of Sustainable Safety Culture Program
- Line Management Training on Safety Observation
- Implementation, Measurement & Improvement

Benefits

- Improved involvement of leadership team
- Common method for Hazard Identification and Safety Observations
- Improved safety performance over years

CASE STUDY - EHS MANAGEMENT SYSTEM DEVELOPMENT & IMPLEMENTATION

Introduction

- Sector – Health Technology
- Client - Philips India Limited, India
- Project – Design & Implementation Support of EHS Management System (EHS M) as Per ISO 45001 & ISO 14001. Develop 70 EHS Indian Standards.

Business Challenge

- The client was wanting to implement an EHS Management System meeting Indian Legal requirements based on the Philips Corporate requirements.

Our Support to the Client

- Develop & Implementation Support of EHS MS
- Develop 70 Indian Sub-Continent EHS Standards meeting Indian EHS Legal requirements and best practices
- Development of EHS Legal Register
- Secondment support of two months

Benefits

























- Management System meeting Corporate, International Standards and Indian Legal Requirements in place
- Improved reputation of the organization



OUR CLIENTS

OUR ESG SERVICES CLIENTS

We've made a significant impact in ESG (Environmental, Social, and Governance) consulting, **supporting 50+ leading organizations in India, including 21 among India's top 1000 listed companies** based on their market capitalization.

Services	Clients
Development and Assurance of Sustainability/ESG/Integrated/BRSR Report	      
Conducting Sustainability, ESG, and BRSR Trainings	       
Conducting Life Cycle Assessment (LCA) Study	
Conducting ESG Due Diligence (DD)	   
Development of Carbon Reduction Plan	 
Conducting Phase I and Phase II Site Assessment (ESA) as per ASTM Standards	 

OUR SELECTED CLIENTS



OUR SELECTED CLIENTS



LET US ENHANCE THE SAFETY AND SUSTAINABILITY OF OUR PRODUCTS AND WORK!

Dipil Kumar Vasu
Director & Lead Consultant
dipil@teamtechehs.com
+91-9538252522
www.teamtechehs.com

#StaySafeAtWork
#TeamTechEHS

Follow Us

