



# Centre for Industrial Solutions and Advanced Training

A Global Training Service and Industrial consultancy Provider

An ISO 9001:2015 Certified

*“Empowerment through Knowledge”*



## A One stop Solution for all Industrial need

**(Training, Consultancy, Environmental Services, Audit, Study, Automation Solution)**

**An ISO 9001: 2015 Certified**

### **CISAT Corporate Office:**

503, Sai Sankul, Swamy Colony, Aakar Nagar, Katol Road, Friends Colony Nagpur-440013, Maharashtra, India; Web: [www.cisat.co.in](http://www.cisat.co.in)

Email: [vikas@cisat.co.in](mailto:vikas@cisat.co.in); [cisat.Africa@gmail.com](mailto:cisat.Africa@gmail.com); [cisat.Nagpur@gmail.com](mailto:cisat.Nagpur@gmail.com)

Call: +91-7709012815 (Whatsapp)

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**[web: www.cisat.co.in](http://www.cisat.co.in); [email: cisat.nagpur@gmail.com](mailto:cisat.nagpur@gmail.com); [+91-7709012815](tel:+917709012815)**



## About CISAT

- **“Centre For Industrial Solutions and Advanced Training”** is an ISO 9001:2015 certified Industrial consultancy services and Training Provider Company (Internationally) managed by professionals with rich Industrial experience.
- **CISAT** involves in complete **Industrial Consultancy and services**, HR, LMS, OD, Professional Trainings, Automation/ Software Solutions, Industrial Safety, Environment & Energy Audits, Study and Improvement projects, Vibration Analysis etc. More details are available on our web [www.cisat.co.in](http://www.cisat.co.in).
- As a Group we are in software development (IT), Automation solution, Industrial consultancy services, HSE consultancy, Audits & Talent Development, Control Panel Solution etc. We do provide customized solution as per client's requirement.

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**Metal, Power, O&G,  
Chemical, Engineering,  
Manufacturing, Cement,  
Pharma Industries**

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## Our offerings- HR/Training Services:

1. OD, Training, Consultancy and Mentoring
  - a) Content Development,
  - b) Complete Technical Training,
  - c) Training staff development (TTT programme)
  - d) E-Learning module development (Digital Education),
  - e) Course material development for training,
  - f) Skill mapping, Assessment and Skill Certification,
2. Complete Talent management Software Solution- LMS
3. Environment Audit, Compliance and Training Services
  - **Environment Management Plan, Hazardous Waste Management, Hazardous Waste Audit, Govt. Liasoning**
4. **Safety Training & Audit, Energy Audits and assessment.**
5. 5S, Six Sigma, TPM, TQM Training and Implementation.
6. Vibration Analysis Consultancy Services.

## Industrial Safety Training Programs (All):

- Plant safety Training, Workers Safety Programs.
- Electrical Safety
- Equipment Safety, Welding safety
- First Aid Certified Training program.
- Emergency Preparedness, Disaster Management
- Rescue management etc.
- Work at height, Workers Safety training, Scaffolding Training
- Plant Process Safety
- Crane Safety, Safe Driving Practices and many more.

Note: Any program can be customized as per the organization's requirement.

**(We can undertake complete Outsourcing of Training Delivery)**

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## Industrial Environment Consultancy & Solution:

Specialized consultancy services offered in following areas:

- Environmental Management Plan (EMP).
- Solid waste management Plan (SWM).
- Hazardous Waste Management.
- Hazardous Waste Audit.
- Government Liasoning.
- Environmental Training Solution for Industries.

Note: Any program can be customized as per the organization's requirement.

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## Technical Competencies & Industrial Services

### Specialized consultancy services offered in following areas:

- **Technical Advisory Services**

Industrial troubleshooting, Power Plant operational practices improvement, maintenance audits and supervision for power plant heavy equipment.

- **Energy and Technical Audits**

BEE PAT MEA Audits, M&V Audits, Thermal Power Plants Performance Monitoring, Electrical & Thermal System Energy Audits, Power Quality and Water Audits, Green Audits.

- **Advisory Services**

Expert services for banking loans, plant & machinery valuation, M&A technical due diligence, Independent & lender's engineer services, Certifications & opinions.

Note: All services can be tailored to specific industry requirements.

(We provide end-to-end technical consultancy and advisory support across sectors.)



## Technical Competencies & Industrial Services

### Specialized consultancy services offered in following areas:

- **Engineering Services**

Electrical safety risk assessments, Electrical safety audits as per CEA norms, Thermography studies, Energy recovery from industrial waste heat, Energy monitoring systems, IoT-based real-time parameter monitoring design.

- **Project Appraisal and Monitoring**

Technical due diligence, Project cost investigation & advisory, Feasibility studies, Cost vetting, Independent Engineer services, Chartered Engineer opinions.

- **Sustainability Reporting**

ESG reporting, Decarbonization strategies (SBTi aligned), Sustainable finance & ESG materiality assessments, GHG accounting & carbon credits.

Note: All services can be tailored to specific industry requirements.

(We provide end-to-end technical consultancy and advisory support across sectors.)

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## Process Safety Management (PSM): Services & Trainings

**Specialized consultancy services offered in following areas:**

### Services

- Risk Analysis (Qualitative & Quantitative)
- PSM System Implementation (OSHA/CCPS framework)
- HAZOP & LOPA Studies
- RCA, Bow-Tie, HAZID/ENVID, HIRA
- MOC & PSSR facilitation
- ISO-aligned Safety Audits (ISO 45001, ISO 14489)
- PSM Gap Assessments, SIL, Safety Case
- Regulatory Compliance Support (OSHA, CCPS, ISO, OHSAS)

### Trainings

- Safety Culture & Leadership Training
- PSM Elements Training (14 Elements)
- HAZOP & LOPA Training
- RCA & Incident Investigation Training
- MOC & PSSR Training
- ISO-based Safety Audits Training
- Emergency Response & Crisis Preparedness
- Contractor & Process Safety Leadership Training
- Customized Industry-Specific PSM Workshops

Note: Any program can be customized as per the organization's requirement.

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## Vibration Analysis Services

- ❖ Hands ON Technical Training Programmes
- ❖ Condition Monitoring Services, Vibration Study. RCFA and Audit.
- ❖ Noise & Vibration Reduction and Control
- ❖ On site Laser Alignment & In-Situ Balancing
- ❖ Performance Enhancement Techniques for Rotating Equipment
- ❖ Facility Management with Reliability Focus
- ❖ Energy Optimization and Saving Solutions

Note: Any program can be customized as per the organization's requirement.

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## Software Development

CISAT, provides a software package that can be accessed through the web browser. We have a committed team of developers and designers. We focus on customized solution. CISAT have a complete HR solution that is developed by own. We have developed many software's till now, such as

- Billing and Inventory Software
- ERP and CRM Software
- Web-based Applications and web site development
- Customized Software Development
- MLM (Multi-Level Marketing) Software
- Election Management Software
- Blockchain development.
- HR/Training Software equivalent to SAP

## Specialized Product: Control Panel Manufacturing and Supply

- ❖ Submersible pump starter
- ❖ DOL starter
- ❖ Electric control panel( MCC, PCC, DB etc.),
- ❖ PLC panel, Drive panel and Soft starter panel motor starters
- ❖ Single phase deep drawn metal meter box
- ❖ 100 KVA LTDB with kitkat/MCCB
- ❖ Deep drawn metal parts sheet metal press components



- Email: [info@paramcontrol.com](mailto:info@paramcontrol.com), [www.paramcontrol.com](http://www.paramcontrol.com)

## Sector/Companies to provide services

1. Power Plant
2. O&G Companies
3. Cement Industries
4. Tyre Industries
5. Chemical Industries
6. Metal Industries
7. Manufacturing Sector
8. Small and Medium Ind.
9. Construction Industries
10. Municipal Corporations
11. Paper Industries
12. Service Industry
13. IT Industries.
14. Mining Sector
15. Power Transmission Sector
16. All Customized solution
17. Agriculture Industries
18. Pharma Industries

## Our offering- Best LMS:

Specially Developed Complete HR Automation system/ LMS “HRAutosoft” which alone can do all the functions of HR or Training Manager.

This Software, alone can do all the HR Functions such as

- Recruitment, Joining and Induction
- L&D
- PMS
- Reward and Recognition
- Succession Planning
- All reports
- Complete Workforce Management (Workers)
- Auto Feedback system

- Gathering Training need from every department and Employees
- Technical/behavioral or soft skill/Safety/Quality/Management Functional etc.
- Competency mapping & Skill Gap Analysis at Micro level (in % of knowledge)
- Preparing training Calendar by own (Monthly/Quarterly/Yearly)
- Preparation of Training Budget
- It contains details of all Service providers or vendors (Internal/External Trainers/expert database)
- Online Quotation System (to receive online quotations for various Training programs with comparison report)
- Preparation of comparative statements (From all different Service providers)
- Feedback and Analysis for every program conducted.
- Microanalysis of various Skills for an employee (Existing and updated)
- ROI calculations (Assessment)..many more functions

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## Best Features of LMS “HRAutoSoft”

Specially Developed LMS alone can do all the functions of Training Manager

Various Report generation required for Training Coordinator or Manager

- **Complete Skill matrix and analysis for an individual and Record**
- **Training Calendar (Yearly/Quarterly/Monthly/weekly)**
- **Training Budget (Planned, Allotted, spent etc)**
- **Attendance of every training programs**
- **Individual Training need and Assessment**
- **Internal/external training and Nominations system**
- **All other reports required category wise, grade wise or any other**
- **Up-dation to get Internal Trainers from various departments.**
- **Career planning, skill updates etc etc..**

In short it will do all the function of a training personnel/manager and hence will be useful to all the organizations.

It can be customized as per the requirement of organization. We will be happy to discuss more and give a demo if your company is interested for the same. Kindly do inform by an email/call-7709012815 or through web [www.cisat.co.in](http://www.cisat.co.in).

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## Our Offering: Complete Technical Training

- Electrical Engineering
  - Electrical Drives O & M, Installation commissioning
  - Substation, S/S O&M- CBM & Testing
  - Switchgear and Protection
  - Earthing/ Transformer Operation & Maintenance
  - HT/LT Motor – Operation and Maintenance
  - Electrical Safety & other customized Training Programs
- Mechanical Engineering
  - Condition Monitoring
  - Welding technology
  - Bearing Operation and Maintenance
  - Hydraulics and Pneumatics etc
- Automation (PLC / SCADA / DCS)
  - Process Control and Instrumentation
  - Industrial Communication & networking
- Chemical Engineering
- CIVIL Engineering ..... Many more

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## Training programs in Electrical Engineering

1. Training Program on Electrical Drives- VFD
  2. Training Program on Fundamental and Testing of Electrical Equipment's
  3. Training Program on PLC Engineering & SCADA
  4. Training Program on Transformer O&M and Protection
  5. Five Days Training Program on O & M and CM of substation Equipment's
  6. Training program on Earthing and Grounding
  7. Training Program on Protection of Electrical Power System & protective Relaying
  8. Training program on Thermography- CBM
  9. Training Program on Electrical Safety and Auditing
  10. Training Program on Electrical Safety and Auditing
  11. Training Program on PLC Engineering
  12. Five Days Training program on Siemens PLC and WIN CC
  13. Training Program on HT- LT Motor- O & M
  15. Training Program on Orientation of Electrical Engineering
  16. Orientation Training program on Thermal Power Plant
  17. Systematic Plant Maintenance - Electrical Engineering
  18. Training program for Technicians- orientation of Electrical Engg and PLC
  19. Certification Program for ITI Technicians Electrical Engineering
  20. Certification program for ITI Technicians Mechanical Engineering
  21. Training Program details for operators
  22. Training Program on PLC-SCADA Allen Bradley- Rockwell
- Call/sms/email for any customized Training program

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## Training programs in Mechanical Engineering

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1	Training Program on Industrial Hydraulics: Basics, Operation and Maintenance
2	Training Program on Industrial Pneumatics and Electro-pneumatics: Basics, Operation and Maintenance
3	Bearing: Need, Types, Application, Lubrication, Maintenance and CBM
4	Cranes: Need, Types, Application, Maintenance and CBM
5	Basics of Pneumatic & Hydraulic System: Operation and Application
6	Pumps and Compressors Operation and Maintenance and CBM
7	Training program on Basics and Introduction Mechanical Engineering for Operators
8	Modern Plant and Machine Maintenance
9	Predictive Preventive Maintenance and NDT
10	Advanced Industrial Oil Hydraulics: Applications and Maintenance
11	World Class Maintenance Management
12	Lubrication and Lubrication Techniques
13	Boiler: Operation, Maintenance and Performance Management
14	Mechatronics Engineering: Basic Concepts, Operation and Maintenance
15	Introduction to Electrical Engineering: Basic Concepts and Electromechanical
16	HVAC: Operation, Maintenance and Troubleshooting
17	Welding and Advanced Technology: Concepts and Applications
18	Piping: Fundamentals, Sizing, Design and various Standards
19	Introduction to Mechanical Engineering and General Maintenance Practices.

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## Training programs Automation and Process Control

- 1 Proficy Machine ion Logic Developer
- 2 PLC Communications: Industrial Applications
- 3 Proficy HMI SCADA Cimplicity Advanced
- 4 PLC Project Design Engineering & Project Management  
Proficy Machine ion (Logic Developer-PLC) & Proficy HMI SCADA
- 5 Cimplicity
- 6 Motion Control Engineering
- 7 PLC Engineering & SCADA : Industrial Applications, Programming & Troubleshooting
- 8 DCS: Introduction and Implementation
- 9 Process Control and Instrumentation
- 10 Industrial Networking: Applications and Troubleshooting
- 11 Training Program on Mechatronics Engineering.

**[Call/sms/email for any customized Training program](#)**

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## Training programs in Operational Excellence

- Basics and Advanced Lean Manufacturing
- Transactional Process Improvement
- Four pillars of High performing organizations
- Hoshin Kanri –Strategic Management and TQM
- Lean Implementation, Six Sigma
- TPM
- TQM
- Cost of Poor Quality
- Change Management
- Toyota Production system
- Seven Quality tools
- 5S & Six Sigma
- Lean thinking for Managers .....Many more

## Training programs in Behavior/HR

- Soft Skill
- Time management
- Managing change
- SDP / MDP and LDP
- Business Communication
- Business Etiquettes
- Six thinking hats
- 360 Degree feedback
- Creative thinking
- Lateral thinking for innovations
- Knowledge management
- Time management
- Team building and management ..... Many more

## Training programs in Mining Industry

- Rules and Regulations
- Safety related to Mines
- Electrical Safety in Hazardous Areas (Mining)
- Operational Safety
- Electrical safety related to Mines, Standard rules, Audit and Mitigations
- Mines Equipment Safety.

## We have delivered and delivering training to many Mining, Chemical and O&G Industries such as

- |  |  |
|--|--|
| <input type="checkbox"/> Hindustan Zinc Limited        | <input type="checkbox"/> Reliance              |
| <input type="checkbox"/> NMDC                          | <input type="checkbox"/> Cairn Energy          |
| <input type="checkbox"/> Ultratech- Aditya Birla Group | <input type="checkbox"/> Coromandel            |
| <input type="checkbox"/> NLC India Limited             | <input type="checkbox"/> HPCL                  |
| <input type="checkbox"/> SCCL                          | <input type="checkbox"/> BPCL etc..            |
| <input type="checkbox"/> Coal India                    | <input type="checkbox"/> Chambal Fertilizer    |
| <input type="checkbox"/> BORL                          | <input type="checkbox"/> Coromandel Fertilizer |
| <input type="checkbox"/> Nayara Energy                 | <input type="checkbox"/> Jhajjar Power         |

## Our Training Program Delivery Strategy:

- Contents Design to suit best requirement to an Organization.
- Expectations or Objective Setting
- Pre and Post Test
- Knowledge Sharing through Power Point Presentation,
- Animations and videos
- Case Study and Discussions
- Team or individual exercise, Assignments and activities
- Hands ON practical's
- Plant Visit
- Management games
- Analysis Report / Assessment / Feedback



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## Training Facility:

CISAT has International level Training Centre Located in a learning atmosphere at Butibori, Nagpur (Maharashtra Region), India. It is equipped with training facility for up to 40 participants fully air conditioned, LCD Projector, Audio-video, White Board and all facility required for natural activities. It also has facility for Lodging and Boarding in a campus.

CISAT have facilities for practical's on various topics such as,

- Testing of Electrical and Mechanical Equipments
- Pumps and Compressor
- PLC/SCADA (Allen Bradley/Siemens and other)
- Welding
- Computer Lab with required software support
- Mechatronics.
- Embedded System and Microcontroller

We have support from various Industries and Educational institutions for onsite Training to support above as well Industrial visits as required.

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## Experts Associated with us:

CISAT have around 75 Experts associated to impart various customized services, consultancy, trainings or Audits. All Experts have

1. Industry Experience varies from 15-40 years
2. Most of the Industrial fields and Services area
3. Technology Savvy
4. Mentoring & Training Experience

Few Names are

1. Shri. Sanjay Kashikar; Electrical Engineering, Power System, 35 yrs
2. Shri Sunil Sardey; Expert Electrical Engineering, Power System 36 yrs
3. Dr. Mohan Babu, Expert Safety; 36 Years in Industry
4. Shri Dilip Dhakate, Power plant Expert (Mechanical), 36 Yrs
5. Capt. Retd Mahendra Kakde; Expert Safety 23 yrs
6. Shri. Vinayak Gavankar; Business Communication; 35 Yrs
7. Mr. Pramod Kate; Boiler-Expert; 38 Yrs
8. Mahendra Dhande; IT Expert 19 Yrs
9. Shri. Hemant Desai; Welding expert; 26 Years.
10. Shri. Lalit Lunawat, 27 Years. Expert Metallurgy And many more..
11. Sanjay Burman; 16+ Years; Environment Expert

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## We have Delivered Trainings for Companies and participants from:

### International Clients

- **Aaxal Training, UK**
- **Capital Consultancy, Dubai.**
- **Feedback Infra**
- **Colenco Consulting, Nigeria**

- Ultratech Cement
- Uttam Galva/Evonith
- Shell Energy
- Cairn Energy
- BORL, BINA, MP
- VNR Seeds
- GM Bangalore (participation)
- Lafarge Cement
- Lloyds Steel
- L&T
- RAS Gas Qatar
- TUV ME
- MTIL Bhuj
- Adani Wilmar
- Adani Power
- Sterlite
- Vedanta/Electrosteel
- Welspun Corp Ltd. Anjar, Gujrat
- Thermal Power tech
- J K Laksmi Cement
- Jhajjar Power

- Reliance Cement
- Trinity India, Pune
- Matrix Fertilizer
- Shree Cement Limited
- SKF, Pune
- Siemens
- Magpie Automation
- Clide Consultancy
- Chambal Fertilizer
- Asian Paints
- Aker Solutions
- DCM Shriram India Limited
- OPGC, Jharsuguda
- NRL, Assam,
- Tata Chemicals, Haldia, WB
- Sembcorp, Nellore, AP
- Coromandel Fertilizer
- HPCL
- BPCL
- Oil India
- NHPC

## Few Photographs of Trainings Conducted

Training Program on HT/LT Motor



Training Program on Electrical Power System, Doha, Qatar

Training Program on Advanced Maintenance Techniques



Training Program on Process Control

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## Few Photographs of Trainings Conducted at Nigeria

**Training Program on Welding and Welding Technology at Lagos Nigeria 21-24 May 2018**



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## 4 Days Training Program Rotating Machinery Maintenance at Lagos Nigeria



Our Expert Mr Harcharan Singh  
Delivering Training Program at Lagos,  
Nigeria during 19-22 March 2018  
International Location.

### Feedback from Trg Management:

The training course was concluded successfully and Mr Singh was a big factor in its success. We commend his knowledge of the subject matter, his professionalism and teamwork.

We also look forward to working with you on other similar projects.

Regards.

Dr Bello





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**For more details and your requirement please Contact:**

Mrs. Rupali (Proprietor and Director)

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Email: [cisat.nagpur@gmail.com](mailto:cisat.nagpur@gmail.com) ; [vikas@cisat.co.in](mailto:vikas@cisat.co.in)

Contact: 00-91-7709012815; 8669546332 (sms)

**"A Complete Consultancy and Industrial Solution under One roof"**

(HR Services, Behavior Analysis/Training-Technical- Electrical/Mechanical /Automation /Chemical, Behavioral, Soft Skill, Safety, Out Bound, Business Excellence, Safety Audit, Energy Audit, Skill Gap Analysis/Automation Solution/Sales & Service; PLC/Drives, Productivity and Time and Motion Study, Improvement Projects, TPM, 5S and Six Sigma Implementation, Technicians Training)

## Registration Details:

1. Udyam Registration Certificate No: UDYAM-MH-20-0026894
2. MSME no: MH20E0054775
3. GST Registration: 27ABBPW5589J1ZV

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