

Overseas Reports

【Current Activities of a Former Participant】



Kumar-san awarded Energy Conservation Commendation by the Energy Management Center, Government of Kerala

- 1) Course Leader: Dr. Takatsugu UEYAMA
- 2) Former Participant: Mr. Jayakumar Raveendranadhan

August 20, 2015


Training Division

Kitakyushu International Techno-cooperative Association

We report on activities being run by former participants playing an active role in their homeland after completing their JICA/KITA training course

This issue of Overseas Reports covers activities being run in their homeland by participants who attended the training course, “Energy Conservation Techniques for India”. Dr. UEYAMA, the course leader who managed the course, introduced us their activity situation.

1. Introduction of the participant, who has given the report

Nickname	Photo	Name	Country	Period of JICA Training Course
Kumar-san		Mr. Jayakumar Raveendranadhan	India	Jul. 12, 2009 ~ Aug. 8, 2009



Kumar-san after a lecture, with participants, Dr.Ueyama/Course Leader and the lecturer



Kumar-san at a company visited in the course

2. Message from Dr. UHEYAMA, Course Leader



The first course of “Energy Conservation Techniques for India” was held in 2008 as an annual course. In 2009, when Kumar-san joined, it became a biannual course, and it has been held three times a year since 2010. I found that the technical level of participants had drastically improved during this period. Taking the fact that we received new participants every time, no doubt technical level of the country and the organization has been developed.

This time I reread the action plan Kumar-san reported in his course, and I found again it was a very excellent one. In the report, he mentioned that he would make systematic actions following Japan. His letter shows that he carried out his words in his country, resulting in his acquisition of an award by the state government.

His action plan also included his idea to work on CBM (condition based maintenance). After he contributed to the company with the application of thermal imaging, one of the tools for CBM, he left the job and now succeeds as a consultant utilizing its technology.

Knowing his activity as well as improvement of technical level of recent participants, I am very glad to say that our course continuing 8 years contributes to energy saving promotion in India.

Dear Kumar-san, thank you for sending the letter.
I hope your further success.

3. Letter from Kumar-san



Dear Ueyama san,
Hope you all are doing great!
Got message from Yanase san, I am really proud to say my connection with your great country helped to change my life.

Attaching a small PPT briefing my life after JICA!

It is my pleasure to associate with you all and would be happy to keep in touch.

Any endorsement in this regard can be proudly provided.

Wishing you all the very best!

Latest Activities

I 'm Jayakumar Raveendranadhan

A JICA participant from India who attended “Energy Conservation Techniques for India” course 2009.

I was working with ACC Cements – India’s largest capacity cement manufacturer & a Holcim group company as Deputy Manager – Energy responsible for Energy conservation activities of 1 Million tons capacity cement plant and 15 MW Captive Power Plant.

JICA training provided a new direction to my personal as well as professional life!

What I learnt from Japan?

- Condition Diagnostic Technique for Industries and Facilities
- Japanese manufacturing culture
- Energy efficiency in Japanese industries
- What makes Japanese industries different from Indian Companies
- How systematic approach can influence energy efficiency

What I Did ?

Developed a tool for sustainable energy conservation in organization

Trade mark and copyright for Sustenergy Pyramid® Integrated energy management methodology for sustainable energy conservation

Energy Management Center, Govt.of Kerala awarded

Kerala State Energy Conservation Commendation Certificate 2010 – in Research & Innovation category for the development of Sustenergy Pyramid®

Realizing the potential of Thermal imaging in Industrial performance

improvement, decided to get a Thermal imaging camera on rent, but was not available in my region.

Hence decided buy one by my own using personal savings and loan from friends.
 Developed a small team of 2 members for studies and audits.
 When it started making minor income, left job and joined
 Sustenergy Foundation as Principal Consultant from June 2012. After lots of
 struggles we got few good clients who realized our potential and now progressing
 slowly.



How JICA supported me in this journey ?

Till 2009 I was not confident about my engineering and entrepreneurial skills.
 JICA program made me confident and courageous to realize my potential and to
 use my available knowledge for the betterment of industry. In my country
 getting loans for budding entrepreneurs is not so easy which restricts me from
 major investments. Hence I started only with Thermography and in the days to
 come, I swear, I could add more instruments for CDT.

Thank you team JICA for adding value to my life!

Jayakumar Nair

◆ Please refer to the report documents.
 (Click the link on the right for the documents)



Please click here
 to read his
 report

Photo Album of the JICA/KITA Training Course





[Link](#)

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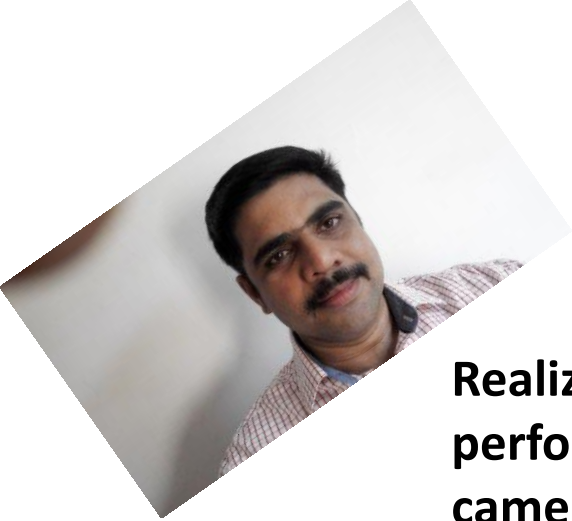
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Sustenergy Foundation

Not Just a Title..... A Commitment



Our satisfied customers



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**Jayakumar Nair
+91 9020093636**



Sustenergy
FOUNDATION

A Commitment for a green world



Factory Electrical Safety Audit
Facility Electrical Inspection & Certification
 Thermography audits- Electrical / Mechanical & Thermal systems
 Maintenance management improvement programmes
 Energy Conscious Process™ Certification for Industries & Facilities
 Energy Management Staff Certification Programme
 Energy conservation / Safety Posters, Spillage tags and accessories

CONTACT US



contact@sustenergyfoundation.org
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Factory Safety Audit / Facility Inspection



World Class electrical gadgets and equipments alone will not be sufficient for safe, reliable and energy efficient factory operations. Did you know? Improper installation, insufficient maintenance, inadequately trained professionals may lead to fire hazards, unsafe conditions, poor reliability and increased cost of manufacturing!

We have solution!

We have the most sophisticated instruments, methodology and expertise that can be used to identify anomalies in Factory Electrical installations leading to unsafe practices and conditions, improper maintenance, Poor reliability and energy wastages. Our intuitive reporting system provides a clear evaluation of the electrical network across a predetermined time frame, which highlights faults and potential risks that can be rectified before any damage occurs. Our customized tracker makes your job easy and ensures compliance.

Why should we do Factory Safety Audit?

Often we feel, our electrical installation is intact and doesn't require any more external support. But in our experience, we have noticed serious flaws in many electrical networks including that of MNCs and large business conglomerates. Major reasons for such issues include improper installation of electrical power system components and insufficient maintenance management.

Benefits of Factory Safety Audit!

Improved safety, No more fire hazards, flash over or burn outs. Improved plant reliability and OEE, Reduced maintenance cost, Improved energy performance and Reduced manufacturing cost. Contact us for more details...

SUPPORT SERVICES

Factory Electrical Safety Audit

For all type of Industries including Cement, Steel, Chemicals, Automobiles, Textiles, Tyres, Pharmaceuticals, Chlor-Alkali, Fertilizers, Aluminium, Plastics.

Facility Electrical Inspection

For all type of Facilities including IT / ITES offices, Call centers, Hotels & Resorts, Banks and banking Institutions, Hospitals, Educational Institutions, Cinema theaters and Auditoriums.

Infrared Thermography audit

Electrical, Mechanical, Thermal process, Cold storages, Air conditioned area, Deep Freezers and insulated containers

Energy Conscious Process™ Certification

Energy Management Staff Certification

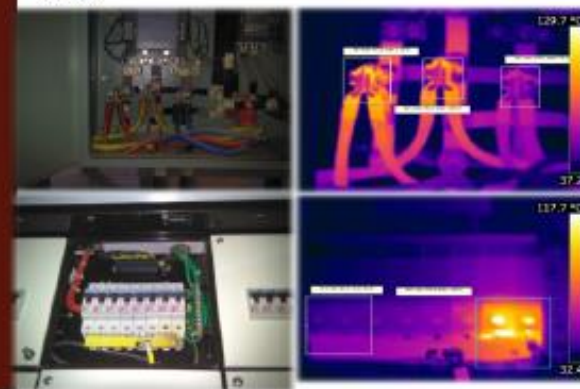
Training – Electrical, Safety, Reliability & Energy management

Energy conservation posters

Safety posters

National Energy Conservation Day Kit

National Safety Day Kit



Energy Conservation Posters Get it customized with logo!



Safety Posters



Leakage tags



Eco friendly
Green manufacturing
Energy efficient
Environmental friendly



known to most of us ?

Can we go GREEN if it leads to business loss?
Or even imagine a project with 7 or 10 year payback?

If it is NO ! Plan for a smooth change over



Energy Conscious Process™ Certification

Energy conservation is not a new concept any more. Most of the manufacturing plants and other energy consumers have already been implemented various measures to reduce energy consumption. Still more and more things can be done to make our process much more energy & environmental friendly. Can we make our process fully green considering environmental impacts? Often the answer would be No, when we consider its economic aspects.

Our sustainable energy management programme offers considerable reduction in specific energy consumption and manufacturing cost with nil or minimum investment, affordable to all stake holders. It is not as easy to Go Green, with huge investment as it may affect the organizations financial stability.

Our Energy Conscious Process™ certification based on Sustenergy Pyramid® methodology helps industries and facilities to initiate energy conservation movement by empowering employees with nil or minimum investment and to maximize profits. It's a journey to ensure continual improvement in energy performance, with minimum financial burden to organizations and maximize return on investment.

To know more about Energy Conscious Process™ certification and a quote

Mail to contact@sustenergyfoundation.org Call +91 9020093636

Our Major Clients



Energy Management Staff Certification Programme – (EMSCP)

The spiraling rise of energy cost, rising environmental concern due to fossil and fossil fuel usage and enactment of Energy conservation act 2001 justifies the necessity of energy conservation and management in Indian industries.

A successful energy management programme must be driven by employees with support and guidance from top management for ensuring best results with minimum investment. This course supports Energy circle (Small group activities) members to acquire knowledge on energy conservation and management and provides insight to sustainable energy conservation and helps to identify possible ways to achieve and surpass targets for improving bottom line. Other benefits include

- Improved technical skills of Energy conservation team members
- Improved encon focus and thereby reducing manufacturing cost
- Improved plant reliability and reduction in resource wastage
- Identification of Short, Medium and Long term projects by employees.

Our expert faculties would conduct customized value added training programme at your facility and empower your team members to improve energy performance.

Specialized modules are available for Designated Consumers under Perform, Achieve and Trade mechanism, which would support DCs to provide awareness to employees about PAT mechanism and support them to identify easy ways to achieve and surpass targets.



We also support industries with Periodic IR Thermal imaging audits, Energy management team building and development, Training programmes etc.

Sustenergy Foundation

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