



April - June 2019  
Volume - XXVIII  
Issue - 2019-2



# VOLTECH **VISTA**

• QUARTERLY MAGAZINE OF VOLTECH GROUP •

 **World Environmental Day**   
Edition



**We can  
#BeatAirPollution**

*-THE-*  
**Harder**  
*YOU*  
**WORK**  
*THE*  
**Better**  
*YOU*  
**-GET-**

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## MD's Desk

The quarter of April-June was a testing time of the year. Temperatures were soaring. Even in our offices too, temperatures were high. But it was the heat of success and exuberance that was experienced at Eco Tower as our divisions brought in fresh business, and struck a positive change for the new financial year. IC-Solar had successfully contracted a project under L&T for the supply of Solar Panels for ₹ 8.6 million in Jammu. IC-M1 made fresh inroads for its 5MVA transformers in Odisha with a mega ₹ 19 million project in its kitty. IC-M1 delivered another strong shot with a ₹15 million project in the same state for rural projects. IC-M1 was the top contender with many more projects under its belt during this period, all for multi-million rupee values. The Lanarsy project in Hyderabad and the Polycab project in Mumbai are tremendous achievements. My hearty congratulations to them! IC-D1 also continued to perform well with a major order coming in from IOCL for the Paradip Project.

But that's not all! The period also marked our aggressive entry into the American Markets with our offices opening at Chile, Brazil and the USA. I wish the new country managers all the very best, and look forward to hearing good news from them in the coming quarters. Noteworthy also is our first full-time office in Iraq. With the country now in a restructuring and rebuilding phase, Voltech felt that it needed to step in and make a strong impression. Our strengthened presence in the Persian region is a strategic move to align our interests closely with the energy production centres of the world. We anticipate it to yield rich dividends in the coming period.

It's the start of the Financial Year folks! We start our books all over again, and close the previous year's accounts. We need to adapt to changing financial and legal regulations as well. Adaptation is at the very core of what we do at Voltech, and we excel at it. Our year ending for 2018-19 was high, and we're looking to make a global impression in 2019-20. Our businesses

have also undergone fundamental transformation from a regional business to one of global outlook. The new sops announced by the Government will surely go a long way in reinforcing our business ambitions for India and beyond. We've already charted a few plans that are on the way to the implementation stage.

The industry forecast and predictions for India have not been the most optimistic. Industrial growth and output have stagnated. Some industries such as the automobile sector have shown a marked slowdown. We are in challenging times. But we have proven ourselves time and time again that we can rise to any challenge. Our efforts at hedging risk through foreign investments and businesses abroad continues to bolster our bottom line, providing a cushion of liquidity that has helped our business sail through troubled waters. The new year annual review principally addressed some of the most pressing problems facing the group today, and it was a time for shaking hands- welcoming in newcomers, and parting as friends with old-hands.

I for one believe that the present Government will provide us with enormous opportunities in the foreseeable period. The privatization drive and the government's stimulus for encouraging privatization will not be overlooked by our board. We believe that this is where real value lies, and provides us with a direct link to the end consumer. With the government mooted privatization of power in several states, Voltech is well poised to enter the market as an energy supplier vis-à-vis our Solar panels, which could be used to build solar farms for local power generation. We are already in the process of acquiring land for setting up solar grids in various states. In 23 years we have gone from being an obscure player in a non-existent market to a major power producer for the Indian citizen!

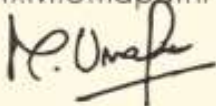
Lastly, I must lament on the sorry state of affairs as far as the environment goes. This year was perhaps the hottest in recent memory, and it was a painful time for many of us. There was no potable water supply. Water sources had either dried up or depleted so severely that they were practically unusable. The temperatures and the climate made things very difficult for the common man- especially in our home state. I know that some of my employees have borne the brunt of the harsh weather during this period. But I at least take solace that we have made sincere efforts to reach out to those who needed our help. It also created a sense of urgency in dealing with the unwanted change of climatic vagaries that could have a monumental impact on human life across vast swathes of land in our country. We are not blind to this outcry. But we know that we need to do more to contain it.

The world environment day falls during this period. As a proud tradition within our group, we honour this day by distributing saplings, as well as several environment focused initiatives aimed at the community. It is heartening to see the younger generation of workers in our group stepping up to meet the challenge of a changing world, as we transcend into a time more harsher and difficult than the present day. I especially wish to reassure our volunteers that I am with them in all their pursuits, and am working at my own level to launch environmental initiatives that can help our fellow citizens cope with this drastic change. We must never overlook opportunities, but seize them and work together to make a better future for our future generations.

**"Opportunity is important but exertion is indispensable."**

- Frederick Douglass

Mr.M.Umapathi





SEE  
Good  
all  
THINGS

# Vistorial

It is a custom to dedicate the April-June issue of Vista for an environmental cause, but 2019 was a year of crisis. Somehow, a simple message of conservation and renewal was not going to suffice. The havoc wreaked by changing climatic and weather patterns was insufferable in Chennai during this year's summer. The sprawling metropolis was only a fortnight away from running out of water in its reservoirs as on the 30th of June 2019. The city was in deep crisis, and each and every one of its 8.4 million residents, from the uber-rich to the poorest of the poor, was desperately seeking water for their domestic needs.

The city administration has only itself to blame for this crisis. Despite having three rivers flowing within the metropolitan area, Chennai lacks a perennial water source. This is because the Adyar river, Cooum river and the Kortalayar river are flowing masses of sewage. No meaningful or actionable plan had ever originated from the government to clean up this mess. As a result, the city was perpetually dependent on the monsoons to replenish its reservoirs. The irony is that Chennai is a coastal city. As of 2019, the city has witnessed a deficit of close to 350 Million Litres per Day. To augment the dry reservoirs, water sources outside the city, as far as Chengalpattu are being pillaged by private operators to slake the thirst of the citizenry. It goes without saying that the ecological consequences of this action would have grave implications in the near future.

The city, as most other metros in India, was late to wake up to the crisis of climate change. After the liberalization era of the 1990's, the growth rate was phenomenal, leading to an accelerated demand for land to build commercial and industrial complexes. Consequently, much of the marshlands and wetlands in the city were filled up with concrete structures. Ornithologists have grieved that this had caused immeasurable damage to bird life, as the city falls within the migratory routes of over 4000 species of birds, of which perhaps 26 are critically endangered. But this was only the least of the problems for the residents. Efforts at harvesting rainwater were also slow in the works, leading to almost complete depletion of the groundwater levels in the Kancheepuram district.

Today, as Chennai-ites, we are at the receiving end of our own folly. The water we use for our domestic needs are only slightly better than sewage. In fact, it is highly contaminated. No fresh water source is trusted for

drinking, and the city is almost entirely dependent on bottled water for consumption. What makes things even worse during this period is the heat coupled with atmospheric pollution. The amounts of dirt and dust in the air have made even the suburbs uninhabitable, with high levels of atmospheric pollution, noise, and particulate matter.

It is Voltech's philosophy that development must go hand-in-hand with conservation. This has been the watchword for every one of its factory and office operations located across India. Unfortunately, self-imposed regulations are not the solution to the crisis, when the circumstances are rapidly deteriorating. Other institutions have been reluctant to follow. Some have exacerbated this crisis through flagrant violations. This requires legislative action to contain the damage. Punishment must also be meted out to defaulters, whether individual or collectives. Over the past several years, the group has made active efforts to reach out to lawmakers to act before it is too late. These outpourings of concerns continue to be the driving force of the company's CSR efforts to date. Voltech's philosophy of conservation is read out religiously to every new employee to make this practice a lifetime habit even after they leave the company.

The ancients believed that the earth was composed of 5 elements- Earth, Fire, Wind, Water and Ether. This was crucially because they were inalienable for human sustenance. Today, we are living in times where each of these threatens our very existence. With polluted soul, air and water, cities would have to be abandoned, or dislocation would have to be forced. Bangalore is already facing its worst possible crisis, with pollution and water scarcity taking a heavy toll on its populace. Chennai is at the precipice. Perhaps all it requires is a gentle prod for it to go over the top.

Desperate times call for desperate measures. We are indeed living in a state of perpetual desperation. Our very existence will become a question a few years from now. The duty falls on each and every one of us to act in an individual as well as collective capacity to mitigate the damage. But then again, perhaps it might be too late...

***"We never know the worth of water till the well is dry."***  
~ Thomas Fuller



Designer's  
Note





Browsing through a bookstore, I recently came across a most splendid coffee table book on Hotels and Palaces. It was a carefully compiled assortment for a connoisseur of hedonistic pleasures. Inside was the richest tapestry of bewitching art, taking the reader to another world far removed from the maddening present. I lost track of time and space as I leaved through every sheet, standing in the aisle.

The book made me sit back and think. Living in an age of high-class business, where persistence, ideas, brilliance and ingenuity are the pillars of success, the tranquil images provoked me to wonder how the time I spend by myself these days are completely hijacked by mental worries and frustration. It created a craving deep beneath me to make the most of the precious leisure time that I rarely got to find.

I too seek a sanctuary, and respite from the daily routine of chores and deadlines. Routine is anathema to my line of work. It kills inspiration. I dream of taking refuge in a place where I might do anything but worry. There was a felt need to enjoy luxury in its modern avatar to cleanse off stress, relax, regenerate, renew, replenish and reinvigorate. There I hoped to discover myself once again.

Hotels have a profound role in the world of fashion and art. They are a kind of laboratory where experiments are conceived to serve the *crème de la crème* on functional, emotional and aspirational levels. Hotels are personal retreats to pamper the senses. And within its clean lines and voluptuous curves, soft colours, luxurious carpeting and indulgent amenities- one finds inspiration.

Inspiration is the progenitor of art. It made me realize how the world of hospitality creates chic spaces that host unique design expressions, and interesting extension of routine life. There are thoughtful designs that hinge on the philosophy of simplicity, sensuality, and elegance, where every piece is akin to an artist's muse. It is within these aesthetic statements that one finds appeal, and navigates from old world charm to new age minimalism. They are an encomium and veneration of our aesthetic sensibilities. Their grace and elegance left me speechless. I realized that there was so much I missed in this life.

The book unmasked a vast and immeasurable heritage, where beliefs of the ages are fused and blended with modern art and architecture to weave a fabric of luxury imagining the mystifying yet earthly essence of pure self-indulgence and bliss, enveloping a titillation of velvet and rare spices, seasoned with relish and served with felicity. The pleasure was so climactic that it cooled my soul, and possessed my body to the very edge of paradise. I was enraptured by the delicacy of luxury, refinement and distinction.

I reflected deeply to thread the inevitable link between history and the present, to see how art and design preserved within luxury had survived over the ages. Art is very much pivoted on the culture, region and civilization of its genetic era. Connecting history and the traditional with the modern and the contemporary is a cardinal link that would influence my work in the coming period. The book served as a pool of relishing inspiration that would ignite my imagination and push my creatives to the absolute of ecumenical rarity.

In a world of stressors- escapism and its avatars: to moderate, temper and find leisure is to live in the moment. That is a luxury in itself. The retreats were about monumental glory and architectural splendour, a narrative of indescribable pictures, and a transformation overwhelmed by blending classic with contemporary. I was truly lost. Now I only pray that my work will help you lose yourself and discover yourself all over again.

*Your friend in creation,*

**Mohammed Hafeez.V.H**

Sr.Graphic Designer



Follow me @





# IC-D1

INDEPENDENT COMPANY - DOMESTIC 1

## CLUSTER A CHENNAI

- Testing & Commissioning of Electrical Equipment at Vilicherry project from KSA Powerinfra Ltd. for a value of **INR 535,000**
- Testing & Commissioning of Electrical Equipment at Kayathar project from KSA Powerinfra Ltd. for a value of **INR 110,000**.
- Testing & Commissioning of Electrical Equipment at Ahmedabad - Amd-1 project from Larsen & Toubro Ltd. for a value of **1.470 MINR.**
- Testing & Commissioning of Electrical Equipment at Kharsia project from RKM Powergen Pvt. Ltd. for a value of **1.344 MINR.**
- Testing & Commissioning of Electrical Equipment at Mangalore project from Siemens Ltd. for a value of **INR 228,000.**

## BANGALORE

- Testing & Commissioning of Electrical Equipment at Bhilai Steel Plant (SAIL) project from ABB India Ltd. for a value of **1.197 MINR.**
- Testing & Commissioning of Electrical Equipment at Chennai project from ABB Global Industries and Services for a value of **INR 573,000.**
- Testing & Commissioning of Electrical Equipment at Jam Jodhpur, Jamnagar project from Enerfra Projects (India) Pvt. Ltd. for a value of **INR 559,000.**
- Testing & Commissioning of Electrical Equipment at IOCL Gwalior project from ABB India Ltd. for a value of **1.062 MINR.**
- Testing & Commissioning of Electrical Equipment at BPCL Haldia project from ABB India Ltd. for a value of **INR 528,000.**
- Testing & Commissioning of Electrical Equipment at Manapakkam-Chennai project from ABB Global Industries and Services Private Ltd. for a value of **INR 573,000.**

## HYDERABAD

- Testing & Commissioning of Electrical Equipment at CMRL project from Siemens Ltd, for a value of **1.546 MINR.**
- Testing & Commissioning of Electrical Equipment at EDFCC-Bihar project from Larsen & Toubro Ltd, for a value of **INR 240,000.**
- Testing & Commissioning of Electrical Equipment at BSP Bhilai-Amed project from Larsen & Toubro Ltd, for a value of **1.132 MINR.**
- Testing & Commissioning of Electrical Equipment at Hyderabad project from Shankar Electricals for a value of **INR 80,000.**

## SOLAR & WATER

- Testing and Pre-Commissioning of Electrical Equipment at HSEPL PD Kote & Kollegal-Amed from VOMS for a value of **INR 41,000.**
- Testing and Pre-Commissioning of Electrical Equipment at Ananthapur from Sai Sudhir Energy Ltd, for a value of **INR 11,000.**
- Testing and Pre-Commissioning of Electrical Equipment at Himachal Pradesh from Vaith – Hydro for a value of **INR 322,000.**
- Testing and Pre-Commissioning of Electrical Equipment at PD Kote from VOMS for a value of **INR 41,000.**

## OIL & GAS

- Testing & Commissioning of Electrical Equipment at Bongaigaon from Larsen & Toubro Hydrocarbon Engineering Pvt. Ltd, for a value of **INR 200,000.**
- Testing & Commissioning of Electrical Equipment at Guwahati from Indian Oil Corporation Ltd, for a value of **4.342 MINR.**
- Testing & Commissioning of Electrical Equipment at Paradip from Indian Oil Corporation Ltd, for a value of **15.113 MINR.**



# IC-D1

INDEPENDENT COMPANY - DOMESTIC 1

## CLUSTER B

### WESTERN REGION - MUMBAI & VADODARA

- Testing & Commissioning of Electrical Equipment at Palava- Amed 1 from Siemens Ltd, valued at **INR 171,000.**
- Testing & Commissioning of Electrical Equipment at Bajrang site from Siemens Ltd, valued at **INR 356,000.**
- Testing & Commissioning of Electrical Equipment at various sites from Siemens Ltd, valued at **INR 412,000.**
- Testing & Commissioning of Electrical Equipment at JSW Salboni site from Siemens Ltd, valued at **INR 356,000.**
- Testing & Commissioning of Electrical Equipment at JSW Nandyal site from Siemens Ltd, valued at **INR 356,000.**
- Testing & Commissioning of Electrical Equipment at WAAREE HFE Telangana site from Larsen & Toubro Ltd, valued at **INR 400,000.**
- Testing & Commissioning of Electrical Equipment at HFE Bhadala site from Larsen & Toubro Ltd, valued at **INR 298,000.**
- Testing & Commissioning of Electrical Equipment at Saki site from Siemens Ltd, valued at **INR 623,000.**
- Testing & Commissioning of Electrical Equipment at Saki site from Siemens Ltd, valued at **INR 623,000.**
- Testing & Commissioning of Electrical Equipment at PGCIL Bengaluru site from Siemens Ltd, valued at **INR 289,000.**

### NORTHERN REGION - DELHI

- Testing & Commissioning of Electrical Equipment at Mullur SMS Project from GE T&D India Ltd, for a value of **INR 512,000.**
- Testing & Commissioning of Electrical Equipment at UPRVUNL, DTPS, and Anapra Project from Macawber Beekay Pvt. Ltd, for a value of **INR 536,000.**
- Testing & Commissioning of Electrical Equipment at Ghaziabad Project from Larsen & Toubro Ltd, for a value of **INR 449,000.**
- Testing & Commissioning of Electrical Equipment at Hyderabad Project from Yathva Energy Solutions Pvt. Ltd, for a value of **INR 540,000.**
- Testing & Commissioning of Electrical Equipment at SMN and Neepco site Project from GE T&D India Ltd, for a value of **1.895 MINR.**
- Testing & Commissioning of Electrical Equipment at Marine-Amed 2 Project from GE T&D India Ltd, for a value of **INR 962,000.**
- Testing & Commissioning of Electrical Equipment at Railway Project Site ALD-CPR PKG-1 from Kalpataru Power Transmission Ltd, for a value of **INR 536,000.**
- Testing & Commissioning of Electrical Equipment at MH1 Parbhani-Amed 2 Project from GE T&D India Ltd, for a value of **INR 592,000.**
- Testing & Commissioning of Electrical Equipment at Chanchalguda Project from Siemens Ltd, for a value of **INR 592,000.**
- Testing & Commissioning of Electrical Equipment at Sector 77 & 85 from Kalpataru Power Transmission Ltd, for a value of **INR 381,000.**



## EASTERN REGION - BHUBANESHWAR

- Testing & Commissioning of Electrical Equipment at Kalinga Nagar Project site from Harsco Metals & Minerals for a value of **INR 17,000.**
- Testing & Commissioning of Electrical Equipment at EDFC Project site from Alstom Transport Ltd. for a value of **INR 306,000.**
- Testing & Commissioning of Electrical Equipment at Bamanipal site from Eastern Pilling Construction Pvt. Ltd. for a value of **INR 200,000.**
- Testing & Commissioning of Electrical Equipment at Dhenkanal site from Tata Steel BSL Ltd for a value of **5.9 MINR.**
- Testing & Commissioning of Electrical Equipment at 33/11 KV Sambalpur SS site from Sterling & Wilson for a value of **INR 147,000.**

## EASTERN REGION - KOLKATA

- Testing & Commissioning of Electrical Equipment at Chowki Project site from EMC Ltd. for a value of **INR 160,000.**
- Testing & Commissioning of Electrical Equipment at Justl-Package 1 & 2 Project site from Siemens Ltd. for a value of **6.144 MINR.**
- Testing & Commissioning of Electrical Equipment at Kolkata Project site from MCPI Ltd. for a value of **INR 763,000.**
- Testing & Commissioning of Electrical Equipment at Keshiary GIS Substation (JHALDA SS)-Amed 1 Project site from ABB India Ltd. for a value of **INR 763,000.**
- Testing & Commissioning of Electrical Equipment at Damanjodi-Amed 1 Project site from ABB India Ltd. for a value of **INR 488,000.**
- Testing & Commissioning of Electrical Equipment at IIT-Kharagpur Project site from Kunal Structure (India) Pvt. Ltd. for a value of **INR 96,000.**
- Testing & Commissioning of Electrical Equipment at SK MINES Project site from McNally Bharat Engg. Co. Ltd. for a value of **INR 708,000.**
- Testing & Commissioning of Electrical Equipment at 3\*8MW Dikshi Hydro Project site from TPSC (India) Pvt. Ltd. for a value of **INR 143,000.**

# IC-D1

INDEPENDENT COMPANY - DOMESTIC 1

## CLUSTER C

### ATT

- Providing Pre/Post Overhauling testing of 102 MVA 11/220KV Generator Transformers at site of Odisha Hydro Power Corporation Ltd., Upper Kolab for a value of **INR 166,000**.
- Providing Transformer testing at Project site from MCPI Pvt. Ltd, for a value of **1.142 MINR**.
- Providing Rendering Services of Health Check-up of LT power & Control Cable at VAL- Lanjigarh Project site from for a value of **INR 325,000**.
- Providing Rendering Services of Health Check-up of LT power & Control Cable at Rayagada Project site from for a value of **INR 120,000**.
- Providing Overhauling of 12.5 MVA Transformer at Lanjigarh- Amed 1 Project site from Vedanta Ltd, for a value of **1.539 MINR**.

### RAIPUR

- Providing Overhauling of 12.5 MVA Transformer at Lanjigarh- Amed 1 Project site from Vedanta Ltd, for a value of **INR 554,000**.
- Providing Transformer testing at Project site from Jayaswal Neco Industries Ltd, for a value of **INR 186,000**.

### HVDC

- Providing HVDC Testing & Commissioning services at Pugalur and North Trichur project sites from Siemens Ltd, for a value of **4.141 MINR**.

## IC-D1- EHS Training



WORK AT HEIGHT - 800 kV HVDC RAIGARH



IMPORTANCE OF PPEs - 800kV HVDC PUGALUR



HEALTH & SAFETY INDUCTION - 400/220kV PGCIL SHARANPUR



HEALTH & SAFETY INDUCTION - 400kV - PGCIL JAIPUR SOUTH

## IC-D1- EHS Training



HEALTH & SAFETY INDUCTION - 400/220kV PGCIL KOTPUTLI



HEALTH & SAFETY INDUCTION - 400/220kV GIS - PGCIL MANESAR



HEALTH & SAFETY INDUCTION - L&T DINDIGUL



HEALTH & SAFETY INDUCTION - KOLKATTA OFFICE



HEALTH & SAFETY INDUCTION - MAHARANI BAGH



WORK AT HEIGHT -  $\pm 800$ kV HVDC KURUKSHETRA



HSE Induction Training at L&T Thermal Power Plant, MP



ELECTRICAL SAFETY - BEDIYA L&T THERMAL POWER PLANT

# IC-D2

INDEPENDENT COMPANY - DOMESTIC 2

## MAJOR HAPPENINGS

- Successfully commissioned **Retrofitting of 14 nos. of CRP** in 6 generator bays and 1 bus bar bay at 115x6 MW - National Hydro Power Corporation, Salal through M/s. ABB India Pvt.Ltd.,
- **Protection system of 2x660MW** – RRVUNL, Chhabra project was successfully commissioned and the system was handed over to end user on behalf of M/s. Larsen & Toubro.,
- Successfully executed annual maintenance testing of protection system at Hindalco, Mahan (M.P) valued at **INR 900,000**
- Successfully commissioned protection systems at 5 nos. of **Oil Platforms** with 9 oil wells each at ONGC Oil Platforms in the **Arabian Sea** on behalf of ABB India Pvt. Ltd.,
- Annual maintenance testing of protection system was completed at **MRS4 & CCC Reliance**, Jamnagar valued at **INR 350,000**
- Annual maintenance testing of protection system was completed at SS 32, SS34 & SS37 MRPL, Mangalore valued at **INR 300,000**
- Commissioning of protection system was completed at Ash Handling plant of Khargone Super Thermal Power, Khargone.
- Testing & Commissioning of Protection System at 6.6kV SS at BPCL, Haldia through M/s. ABB valued at **INR 650,000**
- Configuration, changeover-logic-modification and commissioning of **PDPP-2 6.6kV switchgears** at BPCL, Cochin through M/s. Larsen & Toubro
- Testing & Commissioning of protection system at 16MW CPP Bhilai Steel, Bhilai through M/s. Paul Wurth valued at **INR 800,000**





- Annual Maintenance Testing (AMT) which includes P.D, Tan delta, RSO & Relay Testing for 350 MW Generator was successfully completed at GMR, Angul
- Following projects of Substation Automation System (SAS) were successfully completed in Quarter.I on behalf of M/s, Siemens India Ltd.
  - SAS Commissioning of 400/220kV PGCIL, Pavagada extension project
  - DR & Relay Integration with SAS at 5x830MW CGPL, Mundra
  - SAS commissioning at 400/220kV SS for APTRANSCO, Vizag.
  - Training was imparted for KPTCL on PAS WinCC at Gadag.
  - SAS Commissioning at 400/220kV extension bay at KPTCL, Jaglur.
  - Troubleshooting of SAS in 100MW solar farm at Adhani, Nalagonda.
  - SAS Configuration and troubleshooting for APTRANSCO, Maradam.
  - SAS Commissioning and retrofitting of 4X500MW Generating station at NTPC, Vizag.
  - Troubleshooting of WinCC SACADA in 100MW wind farm at Greenco, Ananthapur
  - Troubleshooting of automation system in 100MW wind farm at Greenco, Ananthapur

## EHS Training



Gamesa 5 Safety Golden Rules Training @ Gamesa Substation

Testing of protection system at Hindalco, Mahan  
by protection engineers Mr. Balavignesh and Mr. Ramesh



# IC-D2

INDEPENDENT COMPANY - DOMESTIC 2

- Orders received for Rotating Machines from M/s. ILFS valued at **INR 400,000.**
- Successfully completed Annual Maintenance Testing (AMT) within 5 hrs during critical shutdown at Ambika Cotton, 110KV SS.
- Received major order from M/s. Dhariwal Infrastructure Ltd, Chandrapur worth **INR 472,000**
- Order received for maintenance testing at Reliance Industries Ltd., Jamnagar J3 worth **INR 700,000**
- Maiden ARC received from Hindustan Zinc Ltd for Breaker Service worth **INR 26,00,000**
- First order received from Sai Lilagar Power Generation Ltd., KSK for Maintenance Testing worth **INR 900,000.**
- Orders received from BPCL Mumbai for Testing of relays. valued at **INR13,42,000.**
- Successfully completed Annual Maintenance Testing (AMT) within 6 hrs during critical shutdown at **Gamesa, Kayathar – NLC Solar Plant 100 MW, 220KV SS.**
- First Batch training was imparted through Centre of Excellence (CoE) and resulted in recruitment of 6 engineers.



*Testing of protection system at Oil Platforms by our protection engineer, Mr. Praveen Kumar*

# IC-SOLAR

INDEPENDENT COMPANY - SOLAR

## NEW ORDER

- Received order from NCC Limited for 20 nos. of 1kW Hybrid solar system for IPDS project, Jharkhand for a value of **5 MINR.**

## PROJECTS EXECUTED

- IC-Solar has successfully completed the supply of rooftop solar system for the following clients in IPDS Projects.
- Minuscule Technologies, Chennai : 1kWp x10 nos. valued at **INR 869,000**
- NCC Limited, IPDS Jharkhand : 1kWp x 20 nos. valued at **5 MINR**
- IC Solar is preparing for repeat orders from other prospective clients in the coming months.

# IC-C&I

INDEPENDENT COMPANY - CONTROL & INSTRUMENTATION

## NEW ORDERS

- Order received for Erection, Testing & Commissioning of Instrumentation works for the proposed 1x20 Captive Power Plant Project at National Fertilizers Ltd., Nangal, Punjab through M/s. Thermax Instrumentation Ltd for an order value of **4.720 MINR.**
- Order received from M/s. Linde India Limited, HPCL Vizag for carrying out Erection & Commissioning of Instrumentation Job worth **3.068 MINR.**
- Order received from M/s. ABB India Ltd, for various projects such as Sanand & Vadodara for the deputation of Automation/Supervision Engineer for C&I work for an order value of **INR 424,000**



*IOCL, Indane Bottling Plant, Ida Phase 3, Cherlapally – Commencement of Yokogawa Project Site.*

## IC-C&I | EHS Training



*Discussion of line-break work with its prevention and hazards at Reliance Jamnagar*



*Discussion of LPRZT life protection rules and zero tolerance at Reliance Jamnagar*

# IC-E

INDEPENDENT COMPANY - ENGINEERING

## NEW APPOINTMENT

Mr. S. Angelson Rajesh Kumar has been appointed as Vice-President IC-Engineering unit with effect from 27<sup>th</sup> May 2019.



**Mr. S. Angelson Rajesh Kumar**

Vice President - ICE

Mobile: +91- 9360137245

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## MAJOR ORDERS

- Order received from GE Renewable Energy Ltd. **Civil for design & engineering services** for Kaloor, Kunnamangalam substation and Aluva substation building.
- Order received from **FLSmidth** for design & engineering services for cable tray routing – Xuan Thanh Cement, Vietnam.
- Order received from Siemens design & engineering services for **illumination design of 230/33kV GIS substation** at Mambalam, Chennai.
- Order received from ABB India Ltd. for **instrumentation cable engineering services** of Utkal Alumina, Odisha state.
- Order received from **Linde India Ltd.** for design & engineering services of relay setting calculation and coordination of Nitrogen plant at HPCL, Mahul, Mumbai Site, Maharashtra.
- Order received from Linde India Ltd. for consultancy to power system study and relay setting calculation to Rупganj GEG project.
- Pre-bid engineering services provided for **L&T Automation, for 600 MW Azure Power Solar Plant** Project, Bikaner, Rajasthan.
- Order received from Technip fmc. for lighting design and consultancy service to **Ammonia Urea Fertilizer complex** to M/s.Hindustan Urvarak & Rasayan Ltd.
- Order received from **Hyosung T&D** for design & engineering services of **220kV Substation of 30 MLD SWRO desalination plant** at Mangalore.
- Order received from ABB India Ltd., **220kV Manikgarh Pkg - 220/11/6.6kV** for upgradation of power system from 66kV to 220kV – relay setting calculation and power system study.

# IC-IN1

INDEPENDENT COMPANY - INTERNATIONAL 1

## QATAR

- **66/11 kV Khore South-East** commissioned on 7<sup>th</sup> April 2019 through M/s. ETA.
- **400 kV DOHAS** commissioned on 19<sup>th</sup> May 2019 through M/s. Siemens WLL.
- **66/11 kV RAS Abu Aboud-2** commissioned on 2<sup>nd</sup> May 2019 through M/s. Siemens WLL. The double Switchgear Substation was commissioned in a span of four months.
- **66/11 kV Mehairja-1** commissioned on 8<sup>th</sup> May 2019 through M/s. Siemens WLL.
- **66/11 kV Khalifat-2** commissioned on 29<sup>th</sup> May 2019 through M/s. Siemens WLL.
- Work order has been received for installation of 40MVA reactor in Umm-al-Houl power plant through Hyundai.
- Work order has been received for PH-13 projects for Testing & Commissioning of a total of 9 substations through L&T.
- Work order has been received for PH-13 projects for Testing & commissioning of a total of 7 substations through M/s. ABB.



Qatar - 66\_11 kV Khore South East Commissioned



Qatar - Khalifat-02 Commissioned

## OMAN

- Received order from M/s. Applus Velosi for equipment assessment at Old Muscat Airport.
- Received order from M/s. L&T EBG for Testing & Commissioning of Bisat Substation.
- Received order from M/s. Applus Velosi for Testing at Barkha Power Plant.
- Received order from M/s. ONEIC for deputation of Testing Engineer

## BAHRAIN

- Order received from M/s. Siemens for deputation of engineers to EWA Alba Port Line 6 projects.
- Successfully completed Alba Port Line 6 project through M/s. Danway
- Order received for deputation of electrical supervisors from M/s. Danway
- Order received for deputation of electrical engineers from M/s. Linxon
- Order received for deputation of various manpower to Alba PS5, GE/GAMA project for M/s. Almoayyed Electrical & Instrumentation Systems.

# IC-IN1

INDEPENDENT COMPANY - INTERNATIONAL 1

## UAE

- Order received from M/s. ABB LLC to depute DEWA approved Transformer Engineer for Site - 132/11 Kv DXBHILS S/S.
- Order received from M/s. Dubai Electricity and Water Authority to depute Testing & Commissioning Engineer.
- Order received from M/s. Larsen & Toubro Limited for Testing & Commissioning works at 132/11kv DEWA Yalasis substation Project, Dubai.
- Order received from M/s. McDermott Middle East LLC to depute Relay Testing Engineer.
- Order received from M/s. Siemens LLC to depute Protection Engineer at Bab Integrated Facilities Project.
- Order received from M/s. Siemens LLC to depute Protection Engineer at Tesla Factory for FAT Test.
- Order received from M/s. National Contracting Company Limited for Testing & Commissioning Engineer for TANE-BAHIA Project.
- Order received from M/s. ABB LLC to depute to depute Testing & Commissioning Engineer at DUGAS Project.
- Order received from M/s. Mitsubishi Electric Corporation to depute DEWA approved Transformer Engineer at 132/11 KV RSHDPORT Substation.
- Order received from M/s. Siemens LLC to depute Protection Engineer at Bab Integrated Facilities Project.
- Order received from M/s. Siemens LLC to depute Electrical Technicians at Qusahwira Project.
- Order received from M/s. Target Engineering LLC to depute Testing & Commissioning Engineer at Taweelah Project.
- Arab Gulf Voltech Services has been successfully pre-qualified by Abu Dhabi Distribution Company for Substation maintenance and Testing & Commissioning services.
- Successfully obtained ADNOC ICV certificate.



Successfully obtained ADNOC ICV Certificate

## KUWAIT

- Order received from M/s. Naser M. Al-Baddah & Partner General Trading & Contracting Company W.L.L for supply of Testing & Commissioning Engineer for E.25 K-408 Unit substation.
- Order received from M/s. Naser M. Al-Baddah & Partner General Trading & Contracting Company W.L.L for supply of Testing & Commissioning Engineer as well as test equipment activities for various Electrical Equipment for E.30 Daewoo – KIPIC E&I Install Utilities.
- Order received from M/s. Naser M. Al-Baddah & Partner General Trading & Contracting Company W.L.L for supply of Testing & Commissioning Engineer for E.16 KOC-PETROFAC LFHOD EOF – P 244.
- Order received from M/s. Mcube Powertech W.L.L for supply of testing equipment for KNPC.
- Order received from M/s. ABB Engineering Technologies Co (KSCC) Kuwait for supply of Testing & Commissioning works of MEW CCGT 400kv Al Zour powerstation
- Order received from M/s. Gulf Spic General Trading & Contracting Company W.L.L for supply of testing equipment for CA/CPD/0198
- Order received from M/s. Nahdat Al-Ommah General Trading & Cont. Co. for supply of Testing Engineer Equipment for US Army Camp – Arifjan
- Order received from M/s. Granite Services International (Field Core GE), for supply of Testing Engineer.
- M/s. Gulf Voltech Company Calibration Lab has been inaugurated. **(Photos in Events & Celebrations)**

## KSA

- Order received for Testing & Commissioning of LV boards for Riyadh Metro project through M/s. Meta Swgr Co.
- Order received for Testing & Commissioning of LV boards for Jazan Aramco project- s through M/s. China Railway 18th bureau.
- Order received for deputation of Commissioning Coordinator to Dammam Seaport project through M/s. Nesma Electric
- ISO 45001:2018 certificate received for Health & Safety Management Systems.
- ISO 9001:2015 certificate received for Quality Management Systems.



ISO 9001 : 2015



ISO 45001 : 2018

# IC-IN1

INDEPENDENT COMPANY - INTERNATIONAL 1

## ALGERIA

- Appreciation letter received from M/s. ABB Algeria for Medium Voltage Switchgear maintenance work on behalf of M/s. ABB in Adrar Refinery (Southern Algeria) for M/s. Sonatrach.
- Sarl Voltech Engineers, Algeria has successfully completed vendor registration with M/s. JGC Algeria.
- Received work order for Testing & Commissioning service from M/s. JGC Algeria.



Appreciation letter received from M/s. ABB Algeria

## SENEGAL



**Mr. S. Eswaran**  
Country Manager - Senegal  
Mobile: +221- 784423653  
Mail Id: eswaran.s@voltechgroup.com

- Senegal Branch opened in the name of **Voltech Engineers Senegal Sarl**
- **Mr. S. Eswaran has been appointed as Country Manger – Senegal**

## NIGERIA

### SERVICE

- Successfully executed Harmonics measurement for M/s. PZ Wilmar Plant
- Received LPO from M/s. Olam Hatcheries for the Panel Modification works and this has been successfully executed
- Received LPO from M/s. PZ Wilmar for Oil leakage arresting work for one number of 3MVA transformer and this has been successfully executed.
- Order received from M/s. Sapele Power PLC for the deputation of Battery Commissioning Engineers.
- Order received from M/s. Olam Animal Feed for the annual maintenance of the Ilorin unit and this has been successfully executed.
- Order received from M/s. Indorama Eleme Petrochemicals for deputation of Protection Engineers and Technicians to carry out shut-down maintenance works.

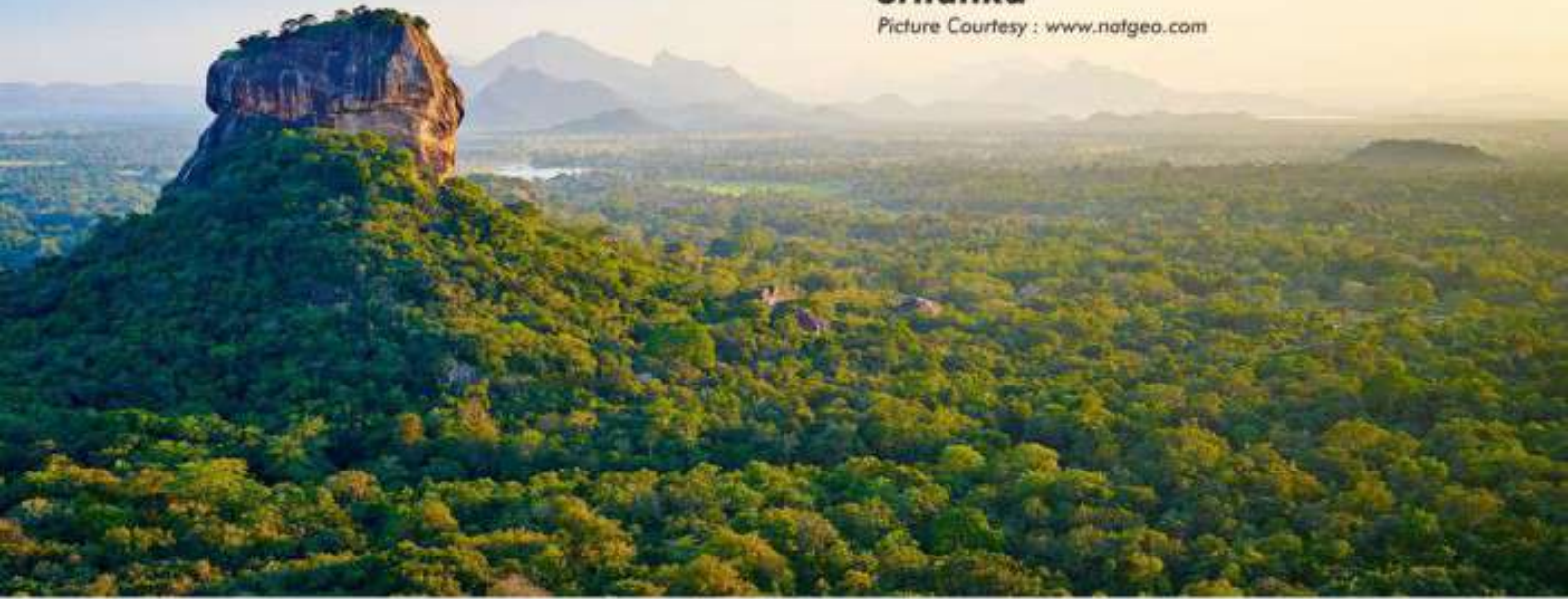
### PRODUCTS

- Order received from M/s Indorama Ventures Packaging Ltd. for the supply of LT Panels for the new Expansion project.
- Order received and successfully supplied Cables, Conductors and Electrical Installation materials for M/s Olam Hatcheries.
- Order received from M/s PZ Wilmar for the supply of Siemens make Feeder protection relay.
- Order received and successfully supplied Voltage Protection relay, Power pack for M/s Amo byng Nig Ltd
- Order received from M/s Pivot Engineering Nig Ltd for the supply of RTCC panel.
- Successfully supplied 3MVA, 33/433v OCTC Transformer for M/s Indorama Ventures Packaging (Nigeria) Ltd.
- Successfully supplied 250KVA Dry Type Transformer for M/s. Super Packaging Ltd.



## Srilanka

Picture Courtesy : [www.natgeo.com](http://www.natgeo.com)



## SERVICES

### KENYA

- Received work order from M/s. Siemens India for deputation of Protection Engineer for the Testing & Commissioning of 132/33kV substations.

### UGANDA

- Received work order from M/s. Kakira sugars for AMC activities at factory for Relay Testing and 33kV VCB maintenance.

### UNITED KINGDOM

- Received sponsor license for inducting our engineers on Tier-2 Visa to work locally in the United Kingdom.

### TANZANIA

- Successfully supplied 200KVA 11KV/400V OCTC Transformer for M/s. L&T, Tanzania.

### UGANDA

- Order received from M/s. Mukwano Group for the supply of MDB Panel.

### BANGLADESH

- Successfully registered our company in Bangladesh as M/s. Voltech Bangladesh Pvt. Ltd.,
- Order received from M/s. Bion for deputation of Engineers.

### SRI LANKA

- Work order received from M/s. LTL for PD testing of 5MVA transformers.
- Work order received from M/s. Siemens for deputation of T&C engineers.

## PRODUCTS

### BOTSWANA

- Order received from M/s. Kalpataru Power Transmission Limited for the supply of Transformer Oil Filtration Machine and its Spares.



# IC-IN2

INDEPENDENT COMPANY - INTERNATIONAL 2

## NEW ORDERS

### SINGAPORE

- Received Amendment Purchase Order from M/s. ABB Pte. Ltd., Singapore for Testing & Commissioning services of MEDP Project at Singapore valued at **USD 28,600/-**
- Received Amendment Purchase Order from M/s. ABB Pte. Ltd., Singapore for Testing & Commissioning and protection engineers of 3.3KV,6.6KV, 690V Substation in OKI Chipping Line Project at Palembang, Indonesia valued at **USD 35,000/-**
- Order received from M/s. ABB Pte. Ltd., Singapore to depute our protection engineer along with Kit to do FAT at ABB Office at Singapore valued at **USD 1,500/-**
- Order received from M/s. ABB Pte. Ltd., Singapore for Testing & Commissioning services of Pekanbaru Project at Indonesia valued at **USD 4,500/-**
- Order received from M/s. GE Power Taiwan Ltd., Taiwan for Testing & Commissioning Service of Equis Mingus II Solar Power Plant Project at Taiwan valued at **USD 15,700/-**

### MYANMAR

- Order received from M/s. Powergen Kyaukse Co. Ltd., Myanmar for assessment and studies of Power Transformer, Switchgear and Cables at 145MW Kaukse Power Plant, Myanmar valued at **USD 3500/-**



Our Engineer Mr. N. Yogaraj at M/s. Powergen Kyaukse Co. Ltd, Myanmar - 145MW Kaukse Power Plant, Myanmar

### INDONESIA

- Order received from PT. Asia Pacific Fibres, Indonesia for deputation of design engineer with drafting skill for necessary scheme and cable schedule upgradation at Karawang valued at **USD 5,500/-**
- Order received from PT. Asia Pacific Fibres, Indonesia for maintenance of MV Switchgear Panel at Spinning 4 Substation Project at Indonesia valued at **USD 7,000/-**
- Successfully completed the Testing & Commissioning of 150/20kV Talise and Sidera substation at Sulawesi Indonesia through PT. Kelinchi Mas Unggul, Indonesia
- Successfully completed the Retrofitting of Numerical Relays at Purwakarta Indonesia through PT. Indo Bharat Rayon, Indonesia

## CAMBODIA

- Successfully completed the CT Testing, Breaker testing at MV Switchgear Panel of 230kV Substation at CELII at Cambodia through M/s. ABB Limited, Thailand
- Received Amendment Purchase Order from M/s. RMS Quality Pte. Ltd., Singapore for Boiler Manager Service of 150MW Sihanoukville CEL2 Coal Fired Power Plant at Cambodia valued at **USD 49,500/-**

## LAOS

- Received Amendment Purchase Order from M/s. SK Engineering & Construction, Laos for Communication Engineer and Control Engineer Service of 115kV/220kV/500kV Xe-Pian, Xe-Namnoy Hydro Power Plant Project at Laos valued at **USD 40,500/-**



Successful Synchronisation done on Unit 1 of 115kV/220kV/500kV Xe-Pian, Xe-Namnoy 400MW Hydro Power Plant Project at Laos

## MALAYSIA

- Order received from M/s. Biocon Sdn Bhd for Testing & Commissioning, Transformer Testing and Oil Filtration at Pasir Gudang, Malaysia valued at **USD 41,000/-**
- Order received from M/s. Bahru Stainless Sdn Bhd for Annual Maintenance and service at Tanjung Langsat, Malaysia valued at **USD 29,000/-**
- Order received from M/s. Alam Dingin Air Conditioning for Testing & Commissioning Work at Pengerang valued at **USD 11,500/-**

# IC-IN2

INDEPENDENT COMPANY - INTERNATIONAL 2

## MALAYSIA

### PRODUCTS

- Order received from M/s. Bahru Stainless Sdn Bhd, Malaysia for Supply of 110V, 30A, Float cum Boost Battery Charger valued at **USD 4,110/-**
- Order received from PT. ABB Sakti Industry, Indonesia for supply of spare parts for AC and DC Test Bench for Indonesia Project
- Order received from M/s. Assist Consultants Inc., Afghanistan for supply of 10/20-15kV, 20MVA, Transformer Control & Relay Panels and 220KV Yard Marshalling Kiosk for North West and Breshnakot Substation at Afghanistan valued at **USD 89,800/-**
- Order received from M/s. Assist Consultants Inc., Afghanistan for Supply of 10/20-15kV, 20MVA, Transformer Control & Relay Panels and 220KV Yard Marshalling Kiosk for New Extension North Substation at Afghanistan valued at **USD 52,320/-**
- Order received from M/s. Biocon Sdn Bhd, Malaysia for supply of MOG, Bucholz and Breather for Malaysia project valued at **USD 1,300/-**
- Order received from M/s. Petrodrill Manufaktur Indonesia for supply of Flameproof Ex. Junction box for Indonesia Project valued at **USD 2,300/-**

## Client Visits



Vietnam client M/s. Seas Project Consultant Co. Ltd. visited our Eco Tower HQ



Indonesia client M/s. Asia Pacific Fibers visited our Eco Tower HQ



Our Esteemed Thailand client M/s. Demco Public Co. Ltd. visiting our Control Panel Factory at Bangalore



## Spain

Picture Courtesy : [www.worldstrides.com](http://www.worldstrides.com)



Our MD with Ms Acciona Industrial Team



Our MD with Ms. ACCIONA Agua Team

Managing Director's  
**Business Trip** 

**IC-IN1  
Spain & Portugal**



Our MD with Ms EFACEC – Team



Our MD with Ms EFACEC – Team.



Our MD with Ms CJR – Team.



Mr Sivalogeswaran with Ms Duro Felguera Team



Our MD at Ms Acciona



Our MD with Ms ACS Industrial Team



Our MD with Ms ABB Team



Our MD with Ms MHPS team



Mr.Sivalogeswaran with Ms GE Team



Our MD at Elecnor



## Paris

Picture Courtesy : [www.coindesk.com](http://www.coindesk.com)



## IC-INI France



Our MD with Ms EDF – Team.



Our MD with Ms SPIE OIL & GAS – Team



Our MD with Mr Jerome Douat,  
@ Ms EIFFAGE ENERGY SYSTEMS.



Our MD with Ms GE-HVDC – Team.



Our MD with Ms ENGIE – Team.



Managing Director's  
**Business Trip** 

**IC-IN3**  
**Chile**



*The MD with Mr. Waldo Cesar Lopez Gonzalez Restrepo at M/s. Acciona, Santiago- Chile*



*The MD with Mr. Jorge Hernan Jaramillo at M/s. HVM Ingenieros, Santiago- Chile*



*The MD with Mr. Henry M. Tala Jury and his team at Abengoa, Santiago- Chile*



*The MD with Mr. Raul Gonzalez Gutierrez and Angel Gonzalez Valdes at Isotron, Santiago- Chile*



*The MD with Mr. Mario Prouza R and his team at GHD, Santiago- Chile*





*The MD with Mr. Roberto Paranhos (partner- Brazil),  
Mr. Gustavo Vajda and his team at Canadian Solar, Sao Paulo- Brazil*

**Brazil**

Picture Courtesy : [www.prospects.ac.uk](http://www.prospects.ac.uk)



*The MD with Mr. Raphael Molina Neto and his team at ISA CTEEP, Sao Paulo- Brazil*



*The MD with Mr. Alessandro Musselli at Volth Hydro, Sao Paulo- Brazil*



*The MD with Mr. Roberto Paranhos (partner- Brazil) and Mr. Alessandro Perotti at Mitsubishi, Sao Paulo- Brazil*



*The MD with Mr. Fernando at ABB, Sao Paulo- Brazil*



*The MD with Mr. Roberto Paranhos (partner- Brazil), Mr. Marcos Nathan da Rosa and his team at Biosar, Sao Paulo- Brazil*



*The MD with Mr. Juan Collardo and Leonardo D. Grisanti at GE Grid, Sao Paulo- Brazil*



**USA**

Picture Courtesy : [www.streefeasy.com](http://www.streefeasy.com)



The MD with Mr. Pat Ford at Voltech Services USA Inc, USA



The MD with Ms. Huda Abbas and Mr. David at Zachry, USA



The MD with Mr. Ben E. Greekat of M/s.Burns and McDonnell, Houston-USA



The MD with Mr. Venky Viswanathan and his team at M/s. SNC Lavalin, Houston-USA



The MD with Mr. Nelson Drake and Eddie Canales at M/s. Lindsayca, USA



The MD with Mr. Matt Nordhusat of M/s. Burns and McDonnell, Kansas City-USA



The MD with Mr. Jim McCaw and Kelly Essley at Black and Veatch, Kansas City- USA



The MD with Mr. Roy Hillon from M/s.Heatsinc at Kansas City, USA

# EHS Training @ International Sites

## Topics Covered

- + Emergency Response Procedure
- + Importance of PPE's
- + Work at Height
- + Behavioral Safety
- + Electrical safety
- + Ergonomic at workplace
- + Health & safety Induction
- + 5S in Workplace
- + Incident Reporting
- + Electrical safety Awareness
- + Hazard identification & Risk Assessment
- + Life Saving Rules
- + HV Testing Procedure
- + Stress management
- + Heat stress
- + Basic First Aid & Fire Fighting



Abu Thailah Substation



Abu Hamour west Substation



Lusail Wadi-2 Substation



Al Mashaf- 2 Substation



Lusail West-2 Substation



Jeriyan Jenaihat-1 Substation



Umm Ebairiya Substation



Murrah South Substation



Al Sowaidi Super Substation



Al Shahhanyah South Substation



Al Shahhanyah Super Substation



Doha Super Substation



Al Sowaidi Super Substation



Al Wukair-8 Substation

# IC-M1

INDEPENDENT COMPANY - MANUFACTURING 1

## TRANSFORMERS SEGMENT

### SUPPLY

- Received first order from **M/s. GVPR Engineers Ltd.** via M/s. Sai Sanket - Mumbai for the OPTCL Project for 5000KVA 33KV 6.9KV Power Transformer valued at **18.8 MINR**
- Received first order from M/s. Lanarsy Infra Limited Hyderabad - DDUGJY Plan JBVNL SIMDEGA Package Jharkhand Project 5000KVA Power Transformer valued at **18.6 MINR**
- Received PO from M/s. Polycab India Ltd. Mumbai for supply of Distribution Transformers valued **8 MINR**

### SERVICE

Details of major order received and successfully executed are as follows:

- **First order received** from **M/s. TamilNadu Newsprint and Papers Limited (TNPL)** for servicing of 1MVA, 11KV/433V & 750KVA, 11KV/433V Transformer and 2MVA Transformer gasket changing and oil filtration work valued at **INR 100,000.**



- First order received from **M/s. TCMFP Ltd., Central Dairy** for servicing of 1MVA Transformer valued at **INR 50,000.**
- Order received from M/s. Dietech India (P) Limited for servicing of 800KVA, 11KV/433V Transformers valued at **INR 100,000.**
- Order received from M/s. Larsen & Toubro for supply of spares valued at **INR 125,000.**



Successfully completed inspection for M/s. A. S. Industries for 500kVA/11/0.433kV OCTC Transformer

### ACHIEVEMENT

First higher-rating dry type transformer manufactured at our factory.

Rating: 700kVA, 460V/415V, 3-Phase Dry Type Transformer.

Customer: M/s. Maharishi Alloys and Steels



700kVA, 460V/415V, 3-Phase Dry Type Transformer.



Our Production team with the high-rated dry type transformer



# IC-M2

INDEPENDENT COMPANY - MANUFACTURING 2

## SWITCHGEAR SEGMENT

### SUPPLY

#### M/s. Karnataka Power Corporation Limited, BTPS plant project:

M/s. Karnataka Power Corporation Limited opted M/s. Voltech Manufacturing Co. Ltd. for the first time to experience the supply, design, Testing & Commissioning of 11kV VCB panels under the project "Water supply pipeline from Narayanpur Reservoir in Krishna basin to BTPS Plant" through M/s. Larsen & Toubro, Chennai.

Project value: 11.7MINR

#### M/s. Government of Karnataka, Tarikere drip irrigation project:

VMCL bagged an order from M/s. Megha Engineering & Infrastructures Limited for the supply, design, Testing & Commissioning of HT & LT panels to contribute our extent to Asia's largest drip irrigation project under M/s. Government of Karnataka.

Project value: 5.5MINR

### New Expansion - PCVCB

"Voltech is expanding its range of products and entering into a new segment of 11kV 1250A 26.3kA/3 Sec porcelain clad vacuum circuit breakers. The Product is ready with customized Technical Features and price best to fit-in market, designed as per IEC standards to meet both domestic and international standards"

#### Indian Navy – Sea bird project:

VMCL bagged an order from M/s. Larsen & Toubro for design & supply of HT & LT panels. This is to facilitate the Sea Bird, Karwar project under M/s. Government of India – Indian Navy, Karwar.

This is the largest naval infrastructure project of India, for which Voltech got an opportunity to take part in it.

### Type Test Reports



Type Test Certificate for  
415V, 200A, LT AC Distribution Board Panel



Type Test Certificate for  
415V, 2000A, LT AC Distribution Board Panel



Type Test Certificate for  
220V, 200A, LT DC Distribution Board Panel

# IC-M3

INDEPENDENT COMPANY - MANUFACTURING 3

## CONTROL & RELAY PANEL SEGMENT

### Major Orders Received

- Order received from ABB India Ltd., Bangalore for supply of 2 nos. of Tariff Metering Panel valued at **2.03 MINR**
- Order received from Swelect Energy Systems Ltd., Chennai for supply of one 11KVA Indoor C&R Twin Feeder Breaker Panel valued at **INR 80,000.**
- Order received from Voltech Engineers Pvt. Ltd., Chennai for supply of 2 nos. 110/20-15kV, 20MVA, Transformer Control & Relay Panel valued at **4.6 MINR**
- Order received from Rays Power Infra Pvt. Ltd., Tirunelveli for supply of 3 nos. 110kV Transformer & Line Control and Relay Panel valued at **3.8 MINR**
- Order received from TANGEDCO, Tirunelveli for supply of 10 nos. of 110V DC Indoor Control & Relay Panel for Twin-Feeder Breaker valued at **INR 997,100.**
- Order received from Lan Spintex Pvt. Ltd., Dindigul for supply of one 110V DC Control & Relay Panel for Twin-Feeder Breaker valued at **INR 348,100.**
- Order received from Voltech Engineers Pvt. Ltd., Chennai for supply of one 110/20-15kV, 20MVA, Transformer and Control & Relay Panel valued at **2.57 MINR**

## RELAY SEGMENT

### Major Orders Received

- Order received from Divya Jyothi Electricals, Hyderabad for supply of 140 nos. of Master Trip Relays valued at **INR 198,240.**
- Order received from inter-company VMCL (Switchgear division) for supply of 59 nos. of various Numerical and Electromechanical Relays valued at **INR 206,400**
- Order received from TANGEDCO- Virudunagar for supply of 8 nos. of various Electromechanical Relays valued at **INR 35,164.**
- Order received from Megha Engineering & Infrastructure Ltd. for supply of 3 nos. Numerical 3 O/L & 1 E/L Relays valued at **INR 30,444.**
- Order received from inter-company VMCL (Control & Relay Panel division) for supply of 2 nos. of Numerical 3 O/L & 1 E/L Relays valued at **INR 12,980.**

# IC-M4

INDEPENDENT COMPANY - MANUFACTURING 4

## ELECTRONICS SEGMENT

### Major Happenings

- IC-M4 received its first ever order from Larsen & Toubro Ltd, for the Smart World & Communication BU- AP EWDS Project. The order is for the supply of 153 nos. of 2KVA Servo Stabilizer valued at **4.1 MINR**
- IC-M4 received its first ever order for the supply of 3 nos. of 48V 120A SMPS based Battery Chargers and 3 nos. of SCR based 220V 110A Float Charger + Float Cum Boost Charger. The order is valued at **2.64 MINR** and was received from Larsen & Toubro Limited for the TANTRANSCO Pulianthope SS Project.
- IC-M4 received a repeat order from our contractor M/s. ISITVA Steel Pvt. Ltd, for NLCIL 100MW Solar PV Project for Supply of 5 nos. of 110V Battery Chargers with batteries valued at **1.5 MINR**
- Successfully executed/supplied 3 nos. of 110V Battery & Chargers to our international customer, M/s. Baabood LLC, Ruwi valued at **USD 14,610**.
- Successfully supplied one **110V 30A HMI based Float-Cum-Boost Battery Chargers** to Bahru Stainless SDN, BHD through our group company, Voltech Engineers Pvt Ltd, (VEPL).
- Successfully completed ISO Surveillance Audit for our products in the month of June 2019.



110V 30A HMI based Float-Cum-Boost Battery Charger - M/s. Bahru Stainless SDN, BHD



On completion of ISO Surveillance Audit and as per BV auditor observation, **Mr. Mohan Raj** of the Quality Department performed well during the audit in all aspects of documentation and presentation. He was felicitated by our CEO, **Mr. T. Hariraj**.

# IC-M5

INDEPENDENT COMPANY - MANUFACTURING 5

## FLAMEPROOF EQUIPMENT SEGMENT

### Major Orders Received

- Order received from M/s. Precia Molen India Pvt, Ltd. for the supply of FLP/WP Cable Glands, Junction Box & Exd Housing for Model I40 Indicator valued at **2 MINR.**
- Order received from M/s. Aurobindo Pharma Limited for the supply of LED Well Glass Fitting valued at **1.5 MINR.**
- Orders received from M/s. Sanmar Groups for supply of various FLP Equipment valued at **INR 450,000.**
- First ever order received from M/s. Voltech Engineers Pvt. Ltd. (IC-IN2) for the supply of Junction Box valued at **INR 100,000.**
- Orders received from M/s. Fowler Westrup India Pvt. Ltd. for supply of various sizes of valves valued at **INR 260,000.**
- First every order received from M/s. Madras Fertilizers Limited for the supply of various sizes of valves valued at **INR 130,000.**
- Orders received from various valuable clients for the supply of various FLP/WP Equipment valued at **INR 700,000.**

### Credentials

- We have successfully completed LM79 Test on our 70W LED Clean-Room Fitting. It was tested at the Institute of Testing and Certification (INDIA) Pvt. Ltd., Mohali.



LM79 Test Report for 70W LED Clean Room Fitting

## VMCL | EHS Training



Fire Safety Training @ Transformer Factory, Pillaipakkam



Tool box Talk at Switchgear Factory, Kovur



Toolbox talk at Relay Factory, Kovur



Toolbox talk at Relay Factory, Kovur



Toolbox talk at Electronics Factory, Kovur



Fire Safety Training at FLP Factory, Kovur



Fire Mock Drill at Voltech Techno Park, Kovur



Fire Mock Drill at Voltech Techno Park, Kovur



# VOMS

VOLTECH O AND M SERVICES PVT. LTD.

**M/s. Cairn India Ltd. - Rajasthan**

Value of order and duration: **21.911 MINR for 12 Months.**

**Scope of work:** Supply of Electrical Maintenance Engineer at MPT

**M/s. Cairn India Ltd. - Rajasthan**

Value of order and duration: **23.261 MINR for 12 Months.**

**Scope of work:** Supply of Instrument Maintenance Engineer at MPT

**M/s. NTPC Limited – Lara, Chhattisgarh**

Value of order and duration: **7.614 MINR for 12 Months.**

**Scope of work:** AMC of Construction Power for NTPC Lara

**M/s. Hero Future Energies, Clean Wind– Ratlam, Madhya Pradesh**

Value of order and duration: **5.931 MINR for 12 Months.**

**Scope of work:** Operation & Maintenance services of 220 KV /33 KV Pooling Substation.

## MAJOR ORDERS

### TATA STEEL KALINGANAGAR



VOMS Team got 4 Star rating out of 5 for the year of 2019 during Contractor Safety Management Audit.

## ACHIEVEMENTS



# VOMS

VOLTECH O AND M SERVICES PVT. LTD.



*BALCO 540 MW and MRSDS received Best Safety Performing Contract Award for the month of May 2019*



*Vedanta Limited: VOMS team received best Kaizen and best 5S award for the month of June 2019.*



*Vedanta Limited – Jharsuguda VOMS Team received 'Sabash Card' for Transformer overhauling and battery bank work for the month of May 2019.*



*Mr. Navin Dudung received the best performer award for the month of April 2019 from Vedanta Limited.*



## World Environment Day 2019 Celebrations @ VOMS Sites



KKNPP- Township



NTPC- Lara (Chattisgarh)



KSK- Akaltara



Herofuture – Southbudh



Gamesa – Tagupatri (Andhra Pradesh)



Hero Future – Guruvempalli (Andhra Pradesh)

## SAFETY MOTIVATIONAL PROGRAMS



Adani – Mundra(Gujarat)



BALCO – Korba(Chattisgarh)

# VOMS

VOLTECH O AND M SERVICES PVT. LTD.

## TRAINING AND AWARENESS PROGRAMS



Vedanta Limited - Jharsuguda(Odisha)



CMRL- Koyambedu



NTECL-UPL (Vallur -Chennai)



NTECL-UPL (Vallur -Chennai)



KKNPP- Township



NTPC - Lara (Chattisgarh)



NTPC - SIPAT (Chattisgarh)

# VHRS

VOLTECH HR SERVICES PVT. LTD.

## Director's Korea Visit

Our Director Mr. Dinesh K. Babu had visited South Korea recently and met representatives of following companies for business opportunities:

- M/s. Daewoo E & C,
- M/s. Etec E&T,
- M/s. SKE&C,
- M/s. Doosan Heavy Industries,
- M/s. S-Tank Engineering Co Ltd,
- M/s. Hyundai Electric Company,
- M/s. Hyundai Engineering & Construction
- M/s. Hyundai Engineering Company,
- M/s. Dohwa Engineering,
- M/s. Hyosung Corporation,
- M/s. Sambo Engineering Co Ltd,
- M/s. IW Ltd,
- M/s. Lotte E&C,
- M/s. MYD International Co. Ltd.,
- M/s. Samsung Engineering,
- M/s. Samsung C&T Corporation,
- M/s. A & A Engineering



## Job Fair Participated

VHRS had recently participated in a Mega Job Fair organized by Sengunthar Sangam Dindugul, exclusively for the Voltech Group. The division had recruited for various positions related to all designations including Electrical Engineers / Accountants / Store Keepers / Admin staffs / Recruiters / Sales Executives / Documentation executives.

# VHRS

VOLTECH HR SERVICES PVT. LTD.

## Major Event Conducted

VHRS successfully organized 'Felicitation 2019'– For SBI Life Insurance hosted at Le Royale Meridian, with 650+ Participants in Coimbatore. VHRS was also responsible for the Event Creative & Gifting service for the same event.



## Interviews Conducted

We have successfully deputed 500+ candidates for the period April - June 2019

- **M/s. Silver Falcon Contracting, Qatar** had conducted direct interview at Kolkata on 15<sup>th</sup> April 2019 for the positions of Plumber, Electrician, Carpenter, Mason, Duct Cleaners and Excavator operators. 15 candidates have been placed against these positions.
- **M/s. Finesco, Kuwait** had conducted direct interviews at Mumbai on the 22<sup>nd</sup> and 26<sup>th</sup> of April 2019 for the positions of Instrumentation Engineer, Instrumentation Supervisor, Instrumentation Technician and Instrumentation Mechanic. 25 candidates have been placed against these positions.
- **M/s. Finesco, Kuwait** had conducted direct interviews at Chennai on 28<sup>th</sup> April 2019 & 1<sup>st</sup> May 2019 for the positions of Instrumentation Engineer, Instrumentation Supervisor, Instrumentation Technician and Instrumentation Mechanic. 30 candidates have been placed against these positions.
- **M/s. Towell Engineering, Oman** had conducted direct interview at Chennai on 28<sup>th</sup> April 2019 for the positions of Project Manager, Construction Manager, Procurement / Purchase Engineer, HSE Manager, QA/QC Engineer- Piping, Store Keeper, Draughtsman, QC Inspector and Scaffolding Supervisors. In all, five candidates have been placed against these positions.
- **M/s. Galfar, Oman** had conducted direct interviews at Chennai on the 13<sup>th</sup> April 2019 and subsequently at Mumbai on the 16<sup>th</sup> of April 2019 for the positions of Rigger, Fitter Mechanical, Fitter Millwright, Fitter -Pipe, Hydrotest, Instrument, SS Welder, painter-Spray, Millwright- Foreman, Technician, Crew Leader-Electrical, Rigging, Instrument and Telecom. Totally, 85 candidates have been placed against these positions.
- **M/s. Galfar, Oman** had conducted direct interviews at Mumbai on the 3<sup>rd</sup> of May 2019 and thereafter at Chennai on the 4<sup>th</sup> of May 2019 for the positions of Sandblaster, Permit Holder - Instrument, Electrical, Fitter Cable tray and Hydrotest. A total of 40 candidates have been placed against these positions.
- **M/s. Smart Volte, UAE** had conducted direct interview at Chennai on the 18<sup>th</sup> of May 2019 for the positions of Electrical Helper, Mason and Electrician. 15 candidates have been placed against these positions.
- **M/s. Oman National Engineering & Investment Co, Oman** had conducted direct interview at Chennai on 16<sup>th</sup> June 2019 for the positions of Electrician, Lineman - towers, Foreman OHL/Towers, Site engineer - Electrical and Foreman Substation. A total of 70 candidates have been placed against these positions.
- **M/s. Gulf Power & Marine Company, KSA** had conducted a direct interview at Mumbai on the 3<sup>rd</sup> of May 2019 for the positions of Admin Support Manager, Purchasing Expeditor, Service Supervisor, Fire Protection Engineer, Marble Mason, Safety Officer, Marine Service Manager and Electronic Communication Engineer. 39 candidates have been placed against these positions.
- **M/s. Arabian Castles for General Contracting Co. LLC, KSA** had conducted direct interview at Chennai on the 22<sup>nd</sup> of June 2019 for the positions of Planning & Costing Engineer, Lead Architectural Supervisor, Project /Site Administrator, Warehouse Administrator, Electrical & Mechanical Technician and HVAC Supervisor. A grand total of 104 candidates have been placed against these positions.
- **M/s. Kaefer Saudi Arabia, KSA** had conducted direct interviews at Mumbai on the 13<sup>th</sup> of May, and thereafter at Ichapuram, Punjab and Bhubaneswar on the 22<sup>nd</sup>, 23<sup>rd</sup> and 24<sup>th</sup> of June 2019 respectively for the positions of Scaffolders, Jr. Supervisor, Lean Engineer, Site Coordinator, Heavy Driver, Operation Excellence-Manager and Sales/ Estimation Engineer. In all, a total of 142 candidates have been placed against these positions.
- We have served the following Indian Clients, among them including Paul Wurth India Pvt. Ltd., Evoqua Water Technologies and Hensel electric India Pvt. Ltd.
- **M/s. Oiltech Oil & Gas Company, UAE** had conducted direct interviews at India from 27<sup>th</sup> May to June 6<sup>th</sup> at Cochin, Vizag, Punjab, Mumbai and Gopalganj for 44 positions. A grand total of 1021 candidates were finally selected from the drive.
- **M/s. Daemaar Group, UAE** had conducted interviews at Patna, Nawada from the 7<sup>th</sup> to 10<sup>th</sup> of July and also on the 12<sup>th</sup> of July for the positions of Electrician, Plumber, Electrical Foreman, Plumbing Foreman etc. Totally, 95 candidates received final selection.
- **M/s. M C Six Industrial Services, Bahrain** had conducted interviews for their ongoing Piping and Maintenance Projects at Cochin, Chennai, Vizag and Mumbai on the 7<sup>th</sup>, 8<sup>th</sup>, 9<sup>th</sup> and 10<sup>th</sup> July respectively, against the positions of HR Officer, Pipe Fitter, Pipe Fabricator, Rigger and Helper. Out of a total of 106 vacancies, 30 candidates received final placement.



# APE

ASIA POWER ELECTRICAL LLP

- Order received from Opulent Ventures Pvt. Ltd. for servicing of ECE make 25MVA Power Transformer work valued at **1.79MINR**
- Order received from The Andhra Sugars Limited for 16MVA 132/33KV Power Transformer overhauling work valued at **INR 909,544.**
- Order received from ACC through Voltech Engineers Pvt. Ltd (VEPL) for 2MVA Transformer rewinding work valued at **INR 472,000.**
- Order received from NLC India Ltd. for on-site repair and servicing of off-load tap changer of 16MVA work valued at **INR 466,100.**
- Order received from A.V.R. Sama Electrical Engineer & Contractor for 16MVA & 6MVA Transformer shifting, unloading & erection work valued at **INR 318,600.**
- Order received from M/s. TPL for 25MVA Power Transformer overhauling work valued at **INR 387,418.**
- Order received from Tamil Nadu Generation and Distribution Corporation Ltd. (TANGEDCO), Cuddalore for 25MVA Power Transformer 110/22 KV replacement of damaged rubber gasket in OLTC and maintenance and hot-oil circulation work valued at **INR 321,231.**
- Order received from M/s. GHCL Limited for 315KVA Transformer service work valued at **INR 259,600.**
- Order received from M/s. GHCL Limited for 315KVA Transformer service work valued at **INR 259,600.**



## World Environmental Day

### Events & Celebrations

World Environment Day was instituted by the United Nations in 1972, as a global call to action to protect our natural surroundings. While it didn't receive much attention in its initial years, it has grown in significance past the millennium. World Environment Day is not observed as a public holiday, but rather as a day for propagating and spreading the message of environmental awareness. Last year was momentous, as India was the host nation, and the theme focused on plastic pollution. The Voltech Group also made stringent commitments to curb plastic menace in all its campuses, offices and factories. These commitments are now fully in effect.

The aim of the Day was to raise awareness of the environment and specific environmental issues. This year, the 5th of June fell on a Wednesday. The theme was focused importantly on beating air pollution. Air pollution has become a global crisis of unprecedented levels. India ranks highest in the number of cities which are dangerously contaminated with atmospheric pollutants. In fact, 11 of the 12 cities with the highest

pollution levels are located in India. Its impact on human life is extremely detrimental. Cities like Delhi and Kanpur have such high levels of pollution, that it affected the growth and wellbeing of young children, aside from causing respiratory problems as well as lowering life expectancy.

This year, the theme was a call for action to stop air pollution. India is in the midst of this crisis. The theme was chosen by China who were the host for World Environment Day 2019. The day was also observed on various social media platforms with the hashtag #BeatAirPollution and #WorldEnvironmentDay.

In India, the Ministry of Environment along with the Bhamia Foundation, released a song "thodi hawa aane de" emphasizing on the importance of fresh air on World Environment Day. The video for the song included celebrities from the entertainment and music industries like Akshay Kumar, Kapil Sharma, Shankar Mahadevan, Sunidhi Chauhan, Vicky Kaushal etc.

# WORLD ENVIRONMENTAL DAY

## Facts

India's air quality is notoriously poor. In cities and metros, it is at toxic levels. The air is clogged with soot, dust, ozone and sulphur oxides. Studies estimate that 8 out of 10 children in India breathe polluted air that exceeds safe levels. Urban areas in India routinely endure outdoor pollution levels that exceed safety guidelines. Respiratory illnesses are now a major disease that affects all age groups in the country. Sadly, the young and the old are the most vulnerable groups.

Commonly, open flames and diesel exhaust

are the most dangerous form of pollutants as they create particles of PM2.5 or 2.5 microns in diameter, which is the most dangerous for humans. These penetrate deeper into the lungs than larger particles, and their effect on human health is almost irreversible.

Poverty and air pollution go hand in hand. Developing countries with growing populations are most at risk. India comes within this category. Regrettably, the poorest and most marginalized people are the most exposed to such pollutants, and are ill disposed to seek appropriate treatment.

### 1 **Take up a commitment to recycle:**

The Company uses every possible opportunity to recycle. This extends from basic stationery and office-use plastics right down to industrial components and end-of-lifecycle machinery. Nothing is wasted at Voltech. Nothing is thrown away or discarded without proper treatment. The company has also introduced initiatives to its employees to reduce, reuse and recycle. Paper waste, food waste and plastic waste segregation measures are also in place to contain environmental damage. Furthermore, this outreach extends all the way to the employees' homes as well as local communities. The company has also started phase-shifting the usage from petrol and diesel to cleaner alternatives, including the use of biodiesel in its power generators and official transport vehicles. These are seen as relatively carbon neutral measures, to reduce the emission of further carbon dioxide to the atmosphere, thereby mitigating the impact of greenhouse gases.

### 2 **Plant a tree:**

Trees absorb odours and pollutant gases and filter particulates out of the air by trapping them on their leaves and bark. Placed strategically around a single-family home, they can cut summer air conditioning needs by up to 50 percent. By reducing the energy demand for cooling our houses, we reduce carbon dioxide and other pollution emissions from power plants. The Voltech group distributed saplings to each and every employee on June 5th, and also followed up to see how the saplings were grown in the homes. The CSR Department took care of this task. The group had also acquired land at various locations in Tamilnadu to treat waste, to convert rubbish and garbage into reusable articles, and to create eco-farms for growing rare flora. These are now being developed as retreats and destinations for eco-tourism and relaxation. The idea is already past the planning stage, and is at various stages of implementation.



The stunning facts? Approximately 1.1 million people die every year in India due to respiratory problems. 75% of these cases are linked to air pollution.

Shockingly, an estimated 7 million people die each year from causes related to air pollution, with a majority occurring in the Asia-Pacific region. The World Environment Day therefore encourages worldwide activism. That means everything from littering to climate change. World Environment Day is both a global celebration and platform for public outreach.

China, which now owns half the world's electric vehicles and 99 percent of the world's electric buses, is hosting the 2019

event. India is also making an accelerated effort to introduce electric vehicles to the public. Major metropolitan corporations have already begun using electric buses for their daily commuter runs. Indian auto majors have also showcased electric vehicle concepts at major auto-expos. However, the biggest impetus came with the budget announcement for 2019, which is expected to further incentivise a dramatic shift from oil burners to electric alternatives. The government's plan is projected to result in meaningful change over the next 10 years. Coupled with stricter emission norms, the use of polluting diesel vehicles are shown to decrease drastically, with the simultaneous introduction to lesser polluting and more energy efficient alternatives for domestic consumption.

## VOLTECH'S 3-POINT PLAN

*Voltech has introduced a 3-point plan for each of its employees, and larger community outreach to do our small part for making the world better, cleaner and safer.*

- 3 Encourage Volunteering:** Anyone can volunteer, and volunteering can make a difference to the whole community. Voltech has time and again organized events that prompt people to get out of their comfort zones by volunteering. Volunteer efforts are being channelled through various initiatives as well as reward schemes. It is projected that at some point in the future, it would become a crucial factor in the appraisal schemes as well.



## Why is the World Environment Day so Important?

**If reconnects us to nature:** Sometimes we forget just how much natural systems support our own well-being. But we're part of nature, and we depend on it. So today's the perfect occasion to go out and enjoy your country's national parks, and celebrate the vital relationship.

**If raises awareness:** More and more people are starting to understand that we need to sustainably manage our planet's resources and ecosystems. However, that belief is far from universal. That's why World Environment Day is so important: it provides an occasion to raise awareness and teach friends and family that the physical environment is fragile and indispensable. But before you begin promoting environmental awareness in your own community, make sure that you have a thorough understanding of environmental issues yourself. There's always more to learn!

**If encourages us to take action:** The environment has become increasingly polluted with contaminants and toxins, and these have a harmful impact on our health. They can cause respiratory diseases and cancer—and that's just for starters. By raising awareness of the issues with the air that sustains us, World Environment Day inspires us to do something about it and fix the environment we can't live without.

## Distribution of Plant Saplings at Voltech Eco Tower



**Mr. S. Vasanth**  
Director - VEPL



**Mr. R. Swaminathan**  
Advisor - Group



**Mr. T. N. Balu**  
Executive Director



**Mr. P. Sankaran**  
Advisor - Group



**Mr. K. Punniyakotti**  
Executive Director - VMCL



**Mr. S. Siva Kumar**  
Executive Vice President - VEPL



**Mr. S. Angelson Rajeshkumar**  
Vice President - ICE - VEPL



**Mr. A. Manax**  
Country Manager - Itaq



**Mr. M. Gopikrishnan**  
Unit Head - HVDC



**Mrs. B. Shameena**  
DGM - VEPL



**Mr. S. Balamuralikrishnan**  
Head - Cluster A - ICD1 - VEPL



**Mr. A. Prabhu**  
Head - FMS - VOMS



**Mr. C. Sivalogeswaran**  
DGM - ICIN1 - VEPL



**Mr. M. R. Bharanidharan**  
Unit Head - ATT



**Mr. M. Dhanraj**  
Cluster Head - BU3 - VOMS



**Mr. J. Sankar**  
DGM - VEPL



**Mr. S. Anbumani**  
AGM - Products - VEPL



**Mr. S. Prabhakaran**  
Sr. Manager - ICIN1 - VEPL



ICD1 | Mr. M. Babu



ICD2 | Mr. K.S.V. Vijayan



ICC&I | Mr. S. M. Chandramohan



IC-Solar | Mr. S. P. Sudhakaran

# FINANCIAL YEAR POOJA 2019



ICIN1 | Mr. S. Vasanth



ICIN2 | Mr. T. Premnath



ICIN3 & ICE | Mr. S. Sivakumar



ICM1 | Mr. R. Adalarasan with  
Mr. T. Hariraj - CEO



ICM2 | Mr. R. Rajayagesh with  
Mr. P. Sankaran - Advisor



ICM3 | Mr. T. Sudhakar with  
Mr. K. Rajendra Prasad &  
Mr. R. Swaminathan - Advisor



ICM4 | Mr. G.P. Haribabu with  
Mrs. Annapoorani - CFO



ICM5 | Mr. V. Vijayakumar with  
Mrs. Annapoorani - CFO

## Events &amp; Celebrations



VOMS-BU1 - Mr. A. Ravindran



VOMS-BU2 - Mr. M. Dhanraj



VOMS-BU3 - Mr. I.R.S.Sekaran



VOMS-BU4 - Mr. R. Selvaraju

The prayer or 'pooja' for the New Year, conducted on the 1st of April, 2019, was a sacrosanct ceremony that conducted holy worship dedicated to Lord Ganesha with special invocations to benefit the company and its employees. The Pooja sought blessings of peace, serenity, growth and prosperity throughout the 2019-2020 period. As per the advice of the priest, the Pooja was conducted at the ground floor lobby area at the appointed mururath dedicated to pacification, peace and divine benevolence. The Pooja sought special blessings of prosperity and happiness. The Managing Director, Shri. M. Umapathi and the Director, Smt. U. Kalaivani performed the ceremony on a sacred melon under guidance of a scholarly pandit, observing ritualistic formalities.

With the New Year witnessing more challenging situations in jobs, finance, and the economy on the whole, and challenges on the personal fronts for many employees such as money, relationships and health, the Pooja was performed to attain great mental strength. The Managing Director address after the ceremony advised heads to wisely channelize their energy and resources and to impart a controlled mental attitude towards difficult problems. The Pooja ceremony was officially concluded with the blessing of books, financial articles, the company's assets and the target projections which the MD personally handed over to each director at the end. The Managing Director's advice was centred on nurturing one's spiritual and intellectual conscience, and to be ethical in all circumstances, despite all odds.



VOMS-BU5 - Mr. J. Prabhu



VHRS-BU1 - Mrs. Sangeetha BMK



VHRS-BU2 - Mr. K. Jagannathan



VHRS-BU3 - Mr. G. Selvaraj



APE | Mr. P. Subramanian



NLP Labs | Mr. A.P. Thanigai Arasu



VG Corp. | Mrs. M. Lakshmi Priya



G Organics | Mrs. A. Annapoorani

# IRAQ OFFICE INAUGURATION

Voltech inaugurated its new office at Iraq on the 4<sup>th</sup> of July, as part of the extended outreach of IC-IN1 in the Persian region, further strengthening the group's formidable presence in the Arabian Gulf. The new office at Iraq comes at a time of renewed stability in the local geo-political scenario, and is touted to bring in significant gains for the group in the forthcoming period. The office would come under the purview of Mr. A. Manax- Country Manager, who has more than 15 years of experience with the group. The office is located prominently in the commercial zone of Dragh in Baghdad, and can be accessed at the following address: Quarter No. 601, Building 1/1, first street, DRAGH, Al Mansour Dist, Baghdad, Iraq



Ribbon Cutting ceremony by our MD with  
Dr. Yahya Nsaief Jassam (Director General - Uruk)  
Mr. Saif Rahim (Partner - Iraq) & Our Country Manager Mr. A. Manax



Setting up operations and business  
outreach for the new office



Our MD with Mr. Raad AL Haris - Ministry of Oil & Energy | Iraq  
& Our Partners with Mr. A. Manax - Country Manager



Cake cutting ceremony by MD & partners of Iraq



Our MD pictured alongside Mr. Nafaa Abdulsada Al Hmidawi - Deputy Minister - Ministry of Electricity | Iraq & Our Iraq partners

# USA OFFICE INAUGURATION

Voltech marked its formidable presence in the United States with the inauguration of its office at Pennsylvania on the 17<sup>th</sup> of June 2019. The inaugural function, which was a prayer and an invocation for god's blessings, was performed with the Managing Director leading the staff. Voltech's location at Newtown, Pennsylvania is an important strategic move to mark its presence close to the capital city, and could serve as a hub for all future operations. The newly inaugurated offices comes under Voltech Services USA Inc. and is located at the Silver Lake Executive Campus, 41 University Drive, Suite 400, Newtown, Pennsylvania 18940.



*Newly inaugurated office at Pennsylvania, USA*



*Ribbon cutting ceremony by MD's Brother Son Mr. Rajasekar*



*The MD pictured with local partner Mrs. & Mr. Arul Ayyasami*



*Establishing business outreach from new office*

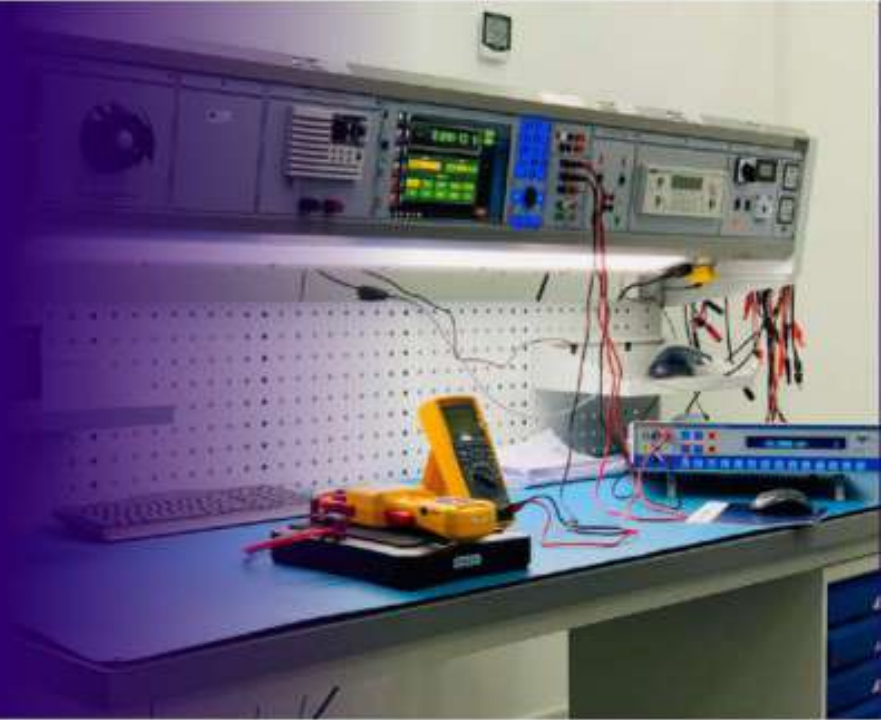


*The state-of-the-art conference room in USA*



*The MD pictured outside the office building in Newtown*

# GULF VOLTECH COMPANY CALIBRATION LAB INAUGURATION @ Kuwait



Our MD felicitate Mr. Saleh Al-Marri, CEO - GEC



Our MD felicitating Mr. Bedah Saad Al-Hajeri, Director - GEC



Gulf Voltech Company Calibration team with our MD, Mr. M.Umapathi, Our Director Mr. S. Vasanth & Mr. Saleh Al-Marri - CEO | GEC



Voltech established a state-of-the-art Calibration lab in Kuwait under the name Gulf Voltech Company Calibration Lab as a joint venture with M/s, Gulf Energy Company (GEC) - Kuwait. The lab performs calibration in accordance with ISO/IEC 17025:2017(E) and ISO 9001:2015 standards. The lab performs the entire range of standard tests conforming to these norms in the fields of electrical, pressure, mass, dimension, thermal and chemical gases, undertaking both in-house as well as at-site locations.

The laboratories boast advanced measuring instruments such as master calibrators, calibration software and supporting reference standards. The labs also have fully trained engineers, technicians and support staff to ensure a high quality of service. The range of services provided is comprehensive and covers the entire gamut of the industrial sector's requirements in Kuwait and the Arabian Gulf. Furthermore, the quality of work done is traceable to international and national measurement and is fully

backed up by Voltech's formidable experience and exposure to the area, championed by its main operations out of Chennai.

The newly inaugurated lab will be headed by Mr. T. Selvaraju, the Manager of Lab Operations. Mr. Alejandro Perez has been appointed as the Business Development Manager, supported by Mr. Babu Marar and Mr. Kalaiarasan M. P.

The laboratory offices are based out of the Ahmadi area, while the entire testing facility comprises of 4 different labs which are housed in controlled environments and achieving the benchmarks set by international client organizations. The labs are monitored by high quality and state-of-the-art imported equipment to ensure compliance to the most stringent international law. The laboratory is located at the Ahmadi corner, in the East Ahmadi industrial area, block-6, at the ground floor, occupying office 15 and 16.



Exterior view of our calibration lab



Our MD with guests at the conference hall.



Our MD welcoming the guests at our newly inaugurated Lab



Mr. T. Selvaraju (Lab Incharge) in process lab - Pressure & Temperature

# An Interview with Mr. T. Premnath

Executive Director - IC IN 2  
Voltech Engineers Pvt. Ltd.

Specializing in building-from-scratch, Mr. T. Premnath's 18 years with Voltech has helped raise the fortunes at both the group companies as well as IC-IN2, which he is now heading. Originally part of the handful of young guns who began their careers as trainees and worked their way to the top, this son of a former TNEB employee is credited with giving big breaks to youngsters who are out to make records of their own. In the 4 years he has served as head of IC-IN2, its fortunes have risen from a nondescript player in South-East Asia to an Indian behemoth aiming for a billion rupee turnover. In an exclusive interview, Mr. Premnath, who is part of the core managerial group of the Voltech conglomerate, spoke on new business regions, Voltech's growing ambitions for Central and North Asia, and his personal philosophy of success.

*As a passionate engineer with entrepreneurial acumen, his 3 point-philosophy of success is the chant for the entire group. In the interview with the editorial team, Mr. Premnath explains how the changing market dynamics of the developing world is spurring new opportunities, and how this benefits the medium-term roadmap of his exclusive entity. Edited excerpts:*

## 1. Tell us about the journey of IC-IN2?

Talking about my company...it has been 4 years since we were set up as an independent entity back in 2015. Our growth until now has been more than promising. In fact, it was rapid. We began with three country managers and one engineer at the sites. With more dedication, and service quality excellence from our engineers, we had thereafter increased to 25 engineers at multiple sites. Today, we have over 50 engineers on our rolls working across 6 nations in South East Asia.

Our work had initially begun slowly, but the pace had gradually increased in the last 2 years. We had first set up an office at Singapore, Australia, then at Malaysia and later at Thailand. So during our fledging state, we had 3 offices in South East Asia. Later on we opened our offices at Indonesia, Vietnam, Cambodia and Myanmar. We have representative offices in Russia & Turkey. We have planned to extend our service in CIS countries like Kazakhstan and Turkmenistan and Afghanistan.

## 2. What are business prospects for IC-IN2 region?

Indonesia, Malaysia and Vietnam are major countries for us. From these three countries alone, we can run a size of business comparable to what we are doing in India. What I implied was that we can deploy large number of manpower and conduct large-scale operations in these countries. Competition wise, there are a lot of local companies in these places, and many of them are small enterprises and businesses, but I can say confidently that Voltech will always deliver a quality of service particularly in the areas of job punctuality.

Our work is steadfast and intense from start to end. We never let up until a project is completed. In our team, we ensure dedication and devotion until completion of the job. We also strive to deliver utmost satisfaction to our clients, and maintain our commitment from beginning to conclusion. You know there's a saying 'Well begun is half done'. But I'd say that 'it's only done when it's done'. Our clients have recognized this quality in us, and as a result our business is picking up pace.

**3. Tell us about the competition and the general environment of this market?**

Looking purely from a competitive standpoint, we have close to 200-250 customers in these key regions- and they have a plethora of options to choose from. If you look at the market size alone, the business volumes in these regions are close to ₹ 1 billion every year (for the whole of the South East Asia region, Australia and Russia & CIS countries). It's pretty substantial and that's why it's so prospective! But there are various restrictions that come into play here: localization & Visa for foreigner particularly in Malaysia, Thailand and Indonesia. We are proud to be an employer of local manpower in Indonesia, Thailand & Malaysia. These have been positive approaches for us as well as the economies of these countries. We have recruited qualified locals for the positions of Safety officers, Technicians, Helpers and supervisors for our projects.

There are also issues in opening up a new business from a legal standpoint, like say, for majority ownership, composition of board, governing structure and so on...So right from the company formation all the way down to the recruitment policies, we've adapted and changed our business strategies accordingly. However, the market prospects are huge, with tremendous potential across all industrial sectors.

From an economic standpoint, Indonesia's market is quite good while Singapore's market is average. Malaysia and Vietnam are good markets. Thailand's market is only an average revenue generator. The new kid on the block, Myanmar, is a booming country. For the next 2 years we foresee prospective growth that can significantly impact our bottom line.

Strategically, our efforts in India can be mirrored in these markets as they are remarkably similar to our own economic setup, whether in marketing, manufacturing, HR or otherwise. But depending on the country and area, we have to adapt and respond according to shifting local requirements. In some countries we can sell our products directly, whereas in others we are solely restricted to services. In Vietnam and Myanmar, it is possible to export Indian products due to bilateral government treaties and agreements.

**5. Tell us about your major business deals and your present market volumes?**

Our biggest project order until now has been from OKI project, a paper and pulp Project based out of Indonesia, Rapid Project in Malaysia and supply of CRP panels to Afghanistan, Supply of LT/HT panels to Indonesia, Hydro projects in Laos, Power Plant commissioning at Cambodia.

Our people have worked for close to two years and the order value is at approximately 20 million Indian rupees. Our total order from Indonesia alone is around 60 million rupees. This was 30% of our total turnover in the last FY.

Our business volume is presently at 200 million Indian Rupees. We believe that we can expand to around 1 billion over the next few years. We are undertaking development activities for that area.

**4. What is your future strategy for IC-IN2?**

Our future strategy is to expand beyond South East Asia to countries like Russia and CIS countries in Central Asia, Australia and also into Eastern Europe like Turkey. The potential in Russia and Soviet Blocs are particularly high in the Oil & Gas Sector. Slowly, we are planning to extend our services beyond these sectors alone. We are looking keenly at Kazakhstan, Uzbekistan, Tajikistan, Turkmenistan and Afghanistan as well. We had commenced our operations in Turkey only last year.

Our future strategy is particularly focused on setting up calibration centres in the South-East Asia region, with our proposed headquarters at Malaysia, similar to what the MET Lab is doing in India. We are looking to cover a calibration network in the entire region with the pivot in Malaysia. There is a good potential for this specialization for IC-IN2 in our prospective markets. We want to get there before the competition does.

Looking at government contracts, at the present time, we are solely entering into the processing services for private sector alone. As an Indian player, we're only 5 years old in this region, but we are building our credentials to take up government contracts and tenders in the near future. We are primarily registering with governments as a product EPC (Engineering, Procurement and Construction) provider. We are also trying to get annual maintenance contracts from the local governments. Registration work is still under progress, but we are still developing our expertise for this market.

I can say with some pride that we are making good inroads in some large markets. We had recently obtained an oil filtration machine in Malaysia. We have tasted success here. It is a future strategy for this particular market and we are looking to build our strength here. In Indonesia, we are seeking to diversity into different field tools for site operations.

Our challenges are mainly with regard to visa restrictions and local language. We are facing a lot of problems here. Of course, we've solved some of them, but have still to make a breakthrough in others.

## 6. What is your immediate medium-term strategy for new market regions?

I anticipate that we would become full-fledged operators in Russia, Australia and the Former Soviet Bloc countries within the next two years. Our intention for the next 5 years is to grow to 500 engineers across all regions. Our growth plans are principally pivoted around HVDC projects, Solar Projects and Wind Projects because there is huge boom for these in the South-East Asian Market.

Rather than Coal based plants, in Malaysia, Vietnam and Thailand, Solar power plants are becoming a booming business. In Malaysia, by 2018, there is plan in place to put up 1000 MW of Solar plants. In Vietnam, by 2030, there is plan to set up 20 high capacity Coal-based power plants with a capacity

of 13,000 MW. Interestingly, there is plan for setting up 800 MW of Solar plants and 600MW of Wind Projects in Vietnam. Coal-based projects are significantly higher in Vietnam, but Solar energy is rapidly picking up pace. The Vietnamese government is planning to grow the solar energy market by 52%, while the Coal-based plants are expected to increase by 32 more plants by 2020 and 51 plants before 2030. This is over and above the 50 plants presently in operation in Vietnam.

The Indonesian government has planned to increase energy from renewables to 31% by 2025. This is a focus area for Indonesia. We also looking to cross-sell Voltech's other projects, including solar panels, flameproof products and other products in these markets, wherever laws are permissive.

## 7. Tell us about your personal philosophy?

My personal philosophy is about punctuality, quality of service and dedication. This is the three-pronged success mantra for growth and prosperity. This is not only a personal ethic, but something I have tried to inculcate in each and every one of my employees. This is also an important ingredient of my company's internal culture.

You know, after I graduated in 1998, my dream was to work in TNEB. I joined Voltech in 2001, and that was where I found my calling. I liked doing Testing & Commissioning works. I've been with the group for 18 years now. It's been a great journey so far!

## 8. Tell us about your journey with Voltech?

I joined as a rookie trainee engineer in 2001. I remember it was a hot day on the 19th of July. I spent the first six months of my training working with Mr. Sakthivel where I honed my skills and developed my knowledge. I worked at close to 11 sites in HVPL Haryana for a year after that.

My big break came with assignments to overseas markets. I was interviewed and selected for ETA in Abu Dhabi. That was the real start of my career. I worked there for 3 months. From there on, I travelled throughout much of the Arabian Peninsula....Oman, Saudi Arabia, UAE. I worked at Toshiba in Abu Dhabi for close to 5 years.

In 2008 the Managing Director, Mr. Umapathi offered me a country manager post. This was a significant offer because it was during the same year that the international division came into being. With international business becoming a separate entity altogether, it was a big opportunity. It was a new experience and a great challenge for us to weather. But we accomplished a lot. I was assigned as country manager for UAE for close to 4 years. This was my first assignment with the new division.

I was subsequently promoted to Asst. Vice-President, responsible for the markets of West Africa, North Africa, Iraq, Afghanistan, South-East Asia. This gave me tremendous exposure, and helped understand that the international market and culture was all about. It provided the foundation for our foray into South East Asia. In oriental cultures, it is as much about manners as it is about language. We had to master this to develop relationships with our clients.

My major growth has been between 2008 and 2018. It was during this ten-year period that I saw much growth with the support of our MD and my team members. During this time, I was promoted from Vice-President to Executive Vice-President and now to Executive Director.

I think that in 2015, the international divisions were segregated. IC-IN2 was just a nascent division with 1 engineers and 3 country managers.

I would only say that nothing comes to life easy. You work hard for it, and success and recognition will come when it has to. There is no shortcut to success, and no substitute for hard-work.

Interview with  
**Mr. T. Premnath**

Executive Director - IC IN 2  
Voltech Engineers Pvt. Ltd.



# HR Induction Training

The induction programme during the period of April-June introduced more than 75 new employees to the inner workings of the Voltech Group. As the trainee engineers were introduced and mentored to fit their new roles, the HR team diligently worked behind the scenes to develop the theoretical and practical skills of the employees, while simultaneously creating an involved and engaging atmosphere to encourage interpersonal interactions and communication.

The training, which began with the "Know Voltech" session, introduced the employees to the conglomerate and its story from beginning to present. The employees were also enlightened on the dozen different companies the group operates under today. The session was hugely beneficial, and served as a crucial pivot to gain the commitment of the candidates during the initial phase of their career in a corporate atmosphere. The trainings were holistic, multifaceted, androgical and facilitated in an environment which was highly engaged with continuous feedback and monitoring.

The training and induction programme was conducted for a 1-week period, and was phased in such a way that each participant was physically and mentally prepped to meet the challenges and opportunities of their new assignments. The three phases, which were described as steps by the AGM-HR were the following:

1. General Orientation by the staff of HR Department
2. Specific Orientation by the Field Supervisors, Branch Managers and Safety Officers
3. Follow-up Orientation at the end of the period by the AGM-HR's team to ensure post-training satisfaction as well as providing guidance, talks and counselling.

The AGM-HR remarked, "The induction programme is an important process for bringing staff into Voltech. It provides an introduction to the working environment and the set-up of the employee within the Voltech Group. We also ensure that this process covers the employer and employee rights and the terms and conditions. Our due diligence work is in covering any legal and compliance requirements for the company, while ensuring the health and safety of all participants and prospects."



Group Picture of Newly Inducted Engineers with Mr. M. Babu - Executive Director & Mr. E. Kumaresan - AGM - HR



Group Picture of Newly Inducted Engineers with Mr. K.S.V. Vijayan - Executive Director & Mr. E. Kumaresan - AGM - HR



Group Picture of Newly Inducted Engineers with Mr. S. Vasanth - Director & Mr. E. Kumaresan - AGM - HR



Group Picture of Newly Inducted Engineers with Mr. M. Babu - Executive Director & Mr. E. Kumaresan - AGM - HR

# EHS Training

## @ Head Office

Safety Trainings were offered at 15 domestic locations in India, and an overseas site location at Qatar during the April-June quarter of 2019. In all, the more than 2 dozen trainings directly impacted the workplace practices of close to 300 employees at these sites, and are expected to contribute to the company's target of zero accidents for the year 2019-2020.

The office of the Chief Safety Officer (CSO) released the following statement at the conclusion of the 1st quarter of the financial year. "Safety training, when executed diligently in any company will directly help the employees/workers practice safety while maintaining industry standards. Through such efforts, we can optimize time and increase the organizational productivity to the betterment of our business interests."

The CSO remarked "New trends and continuous advancement in technology has now made it easier for many industries to educate and impart training to the employees. However, it continues to be a human driven effort in minimizing such incidents. There is always an element of risk in every undertaking where there is a human-machine interface."

The CSO, during the annual review, had highlighted some of the primary causes which have over the years contributed to accidents at workplaces and sites. He cited a total of 9 causes which are responsible for over 99% of accidents and injuries. These were listed for the management's careful attention, and became the focal point for all new safety programmes within the company.

- A lack of training and awareness
- Use of unsafe methods and equipment
- Negligence and the failure of workers to obey work procedures
- Poor site management practices
- Failure to use PPE (personal protective equipment)
- Operating equipment without safety devices
- Harsh work operations
- Poor knowledge and skill level of workers
- Poor workers' attitude towards safety

The CSO also reflected on the culture, and team-work of the Safety Team of Voltech. "Safety officers need unique and diversified type of knowledge and training to meet the challenges of our industry. Enhancing the quality of industrial manpower, particularly in the field of EHS, is a painstaking and skillful task needing expertise, infrastructure and resources. Quality, professionalism and competence are the practical needs of the hour in this vital field of EHS. Our safety officers try to meet these in every engagement. We can achieve more by building a strong network of safety officers throughout all our sites who can continuously monitor, engage and interact with our employees during their work. We are working on a communication system to facilitate that."



Mr. Ramesh Babu imparting safety training & best practices to the newly inducted candidates





Interactive session of Q&A's fielded by Mr. Ramesh Babu - Safety Officer



Addressing the last batch of June 2019

## Achievement



### Safety Team awarded for 3 Million Safe Working Hours from ABB

The safety team of VEPL has received the prestigious and much coveted award for exemplary safety performance from ABB India Ltd. for the RP800 HVDC Project. The award was the recognition for performing over **three million hours of work without a single safety incident at site**. The safety team was congratulated for this exceptional achievement throughout the industry for this monumental feat.

# CORPORATE SOCIAL RESPONSIBILITY!!

## DINING HALL CONSTRUCTED (WORTH 3.5 MINR) at 100 Year Old GOVT. BOYS HIGHER SECONDARY SCHOOL, CHEYYAR

As part of Voltech's CSR outreach, the group undertook the construction of the students dining hall adjoining the Govt. Boys Higher Secondary School at Cheyyar. The school, which is over a hundred years old, had a strong connection with Voltech's founder and Managing Director, as both his father and his paternal uncle had done their schooling there. The construction work which took close to 2 months to complete, resulted in a brand new, concrete structure that could comfortably house 150 student diners at any given point of time. The project, which was completed as per schedule, was executed with a budget exceeding 3.5 million Indian Rupees, and was a great amenity augment to the Government High School of the area.

The Managing Director of Voltech, Shri. M. Umapathi formally inaugurated the newly constructed facility on the 14<sup>th</sup> of June, in the presence of the students, parents, teachers and school management administrators. The Voltech Group had also organized a celebratory feast to mark this accomplishment, with food and refreshments being served to all guests during the day, and a grand lunch banquet to honour the festivities. A special lunch was organized exclusively for the teachers, while the students were given a parting present of a snack box at the end of the ceremony.



*Pooja performed at the newly built lunch hall*



*The Director, Mrs. U. Kalavani inaugurating the newly constructed amenity*



*Unveiling the plaque outside the hall.*



*Receiving Ponnaadi from distinguished alumni*



Exterior view of the newly constructed Lunch Hall



Brothers of the Managing Director being felicitated during the event



Mr. V. Jayakumar, Chief Education Officer, Thiruvannamalai Dt. addressing the gathering



Students listening to the motivational speech



*The Director (VEPL) cum Advisor (VMVM), Mrs. U. Kalaivani serving spiced buttermilk to passers-by*

# BUTTERMILK STALL FOR THE GENERAL PUBLIC by Voltech Manini Valar Mandram

*The Voltech Manini Valar Mandram (VMVM), literally translated as Women's Development, is a special initiative of the Voltech Group comprising exclusively of women encompassing all levels of the conglomerate. The initiative is radical and sails towards uncharted waters in bringing a larger share of women's participation in the company's CSR activities.*



*The DGM, Mrs. B. Shameena serving spiced buttermilk*



*Passers-by quenching their thirst*

## CORPORATE SOCIAL RESPONSIBILITY



The Director Mrs. U. Kalaivani serving spiced buttermilk

The peak summer season, locally known as 'kathiri' in Chennai, was at its most punishing in the month of May and June. The maximum temperature peaked to its highest levels in the history of the state, and the flush of heat was unbearable to the common man on the street. With the hot air blowing against the sweltering sun, it was like having your face washed in steaming hot water. The harsh glare of the sun during this period is known as 'kathiri veyil'. Literally translated, it means scissor heat!

To help the citizens cope with the stressful climate, Voltech Manini Valar Mandram, a movement spearheaded by the female staffs of the group, organized a buttermilk stall adjoining the major road here on the Mount Poonamallee High Road area. Throughout South India, spiced buttermilk is the beverage of the season unlike in the North, which prefers the sweeter lassi. Spiced Buttermilk is a concoction that is brewed with mustard seeds, curry leaves and other assorted spices, and is in a class of its own. It is served everywhere during this testing period, from homes to restaurants to marriages, and even in five star hotels. The effect of this beverage is immediate refreshment and hydration, and is

beneficial to the digestive system as well. Enriched with pedas of white butter, this concoction comes with slices of citric fruits, and is served in tall stainless steel tumblers.

This watery, spicy buttermilk was served in the thousands by the VMVM during the entire kathiri period. Explains Mrs. R. Indra, President-VMVM, who was coordinating these efforts, "Spiced Buttermilk is the ultimate thirst quencher. We are serving both the salty variant which is called neer-mooru with ginger juliennes, coriander, and finely chopped onions and also the spicy variant, which is tempered with curry leaves and mustard seeds. It is pleasing to observe the sheer volume of responses that we have received from the general public. By a rough estimate, I would say that we were distributing close to 300 litres of buttermilk every single day. Women, schoolchildren, employees of neighbouring shops and establishments, auto drivers and cabbies, and a whole lot of passers-by on the road have been warming to our efforts over the last month. We are planning a multi-pronged approach next year, seeing this response, to serve a several locations in Chennai in 2020."



The President of VMVM Mrs. R. Indra directing stall activities

# MD HONOURED WITH MAHATMA GANDHI AWARD

AT THE UK BY NRI WELFARE SOCIETY OF INDIA

*The Non-Resident Indian (NRI) Welfare Society of India presented Shri. M. Umapathi with 'The Mahatma Gandhi Leadership Award' at the House of Commons during their 38<sup>th</sup> International Congress. The award was presented at the World NRI Congress during a two day event, organised by the NRI Welfare Society of India to mark the 150<sup>th</sup> birth anniversary of Mahatma Gandhi at the House of Commons, Westminster, London, on the 20<sup>th</sup> of May. Shri. M. Umapathi received this award from MP Preethi Kaur Gill, and Minister of International Development.*

Voltech's Managing Director was awarded the Mahatma Gandhi Leadership Award for building a globally recognized brand. The Mahatma Gandhi Leadership Award is a very special award given to 25 people out of roughly 25 million people for exemplary contributions to the Non Resident Indians community. In 2019, only a select few were chosen for the 'Mahatma Gandhi Leadership Award-2019'.

The NRI Welfare Society of India, with chapters in various countries, was founded in 1981 by Harbhajan Singh and serves to link members of the Indian diaspora with the Government of India. A recent address by India's Prime Minister Narendra Modi said "NRIs and overseas Indians have been our brand ambassadors since decades. They are showcasing the image of India by culture, tradition and skills and style of life, while dwelling in foreign countries".



The MD at the House of Commons



The MD, Mr. M. Umpathi receiving the award from the Minister of International Development & MP Preethi Kaur Gill.



The MD listening to the felicitation speech



Socializing with the British elite



The MD receiving congratulations & handshakes from Mr. Alok Sharma, Secretary of State for International development.

## பெ(ான்)ண்மகள் சென்றாள்!

நந்தவன காற்றே நிறைநெல் கீற்றே  
கானல் உற்றாய் மறைந்ததேனோ?

குலமகளாய் இடைபிறந்து - யாவர் புகழ்வண்ணம் வளர்ந்து -  
உளர் மிரள நடுபாதையில் பயணம் முடித்ததேனோ?

வளை காப்புக்கட்டி தாயவள் கண் யூத்து நிற்க...  
கிழவன் தாத்தன் ஆகிராளென ஜயனவன் யூத்திருக்க...

புதுவீட்டு யரிசில் கட்டி தனயனவன் ஏங்கி நிற்க...  
சிசு மாப்பிள்ளைக்கு கைக்குருமாத்து வழத்து தம்பியவன் மருகி நிற்க...

ஆயிரமாயிரம் ஆசைகளோடு மகவு காண மணாளன் காத்திருக்க...  
உன் உயிர்ப்பறவை உடற்சுற்றை வீட்டு சொல்லாமல் சிறகடித்ததேனோ?

ஒருடல் வீட்டு ஈருயிர் பிரிந்ததே...  
உன் கோலம் புள்ளி மாறிய நினைவுகள் தெரிந்ததா உனக்கு?

அலுவல் உறவு தான் என்றாலும் நட்பின் நறுமணத்தையும்,  
விசுவாசத்தின் அழவாசத்தையும் காட்டிச் சென்றவள் நீ...

இனி என்றும் பூமகள் நீ! தமக்கை நீ! தங்கை நீ!  
தோழி நீ! சுமங்கலி நீ! தாய் நீ! இளைப்பாறு நீ...

உன் பிரிவு எங்களிடையே தூவியே சென்றிருக்கிறது...  
காலச்சக்கரத்தில் மரணம் எனும் அத்தியாயத்தின் அதிர்வுகளை...

கால தேவன் உனக்களித்தது விடுப்பா விடுவீப்பா பொன்மகளே...  
விடைதெரியா உன் மரணத்தை மன்னித்து விட்டாயா கலைச்செவ்வியே?

*Mrs. V. Kalaiselvi - Sr. Executive - Finance & Accounts (VOMSPL) has passed away on 10<sup>th</sup> July 2019 during her maternity leave. The Management would like to express its heartfelt condolences for her sudden demise. May her soul rest in peace.*



# MAJOR HR ISSUES IN THE CURRENT AGE

- Mr. E. Kumaresan | Head - HR | VEPL

## 1. Personalisation

Traditional HR has always been focused on fitting the job to the person rather than the person to the job. In that way, its approach has been one-size-fits-all. Today, in an internet era and a millennial workforce, HR needs to undertake a phase shift to respecting and satisfying individual needs, wishes and capabilities. This is the new starting point for HR. This contrasts with the traditional view where the organization's needs were the starting point.

The contrast is visible with the following approaches. Traditional HR looks at the hierarchy and job construct to fill vacancies against those positions with suitable candidates. The process of induction is also top-down and dictated by management. The reverse is now what is needed: Organizations need to learn from the employees who are joining the company.

Learning and Development also needs to be individualized. The older classroom style of batch production will have to cease. The traditional philosophy of designing office spaces with cubicles will also go in time. The needs of individual employees and their job tasks are now the pivot. Google and other leading world corporates have already changed their office designs as a consequence. Isolated spots as well as networked locations are now in feature in many new-gen offices. Personalization is the future, and it's the way forward.



## 2. The Question of Trust

This is the age old question with a new twist. Do employees trust their organization? Do they trust the technology and processes within the organization? Do they believe that the organization will work to their best interests? Will emerging technologies be used for them or against them? A trust study undertaken by E&Y, published its results in a survey titled "Trust in the workplace" where alarmingly, less than half of all respondents demonstrated any trust in their employer, boss and colleagues. This inevitably brings up question of ethics and happiness in jobs, as employees may be conflicted about working in a place, or the kinds of job they do. How can you work if you can't trust your immediate surroundings?

The trust issue is a key imperative as HR in the future will have to deal with employees on the currency of good faith and mutual respect. This is the foundation of trust. The trust in technologies at work must not be allowed to erode. Sadly, present day developments in this particular area have not been encouraging.



## MAJOR HR ISSUES IN THE CURRENT AGE

### 3. Development becomes a service in itself

This is crucial to aligning the interests of the employee with the employer to reach mutually beneficial outcomes. The alignment in itself becomes the focus for development to reach common goals through carefully choreographed tasks and duties. The keyword here is 'executive coaching' particularly for middle level management and above. This would cut attrition, and also help retain and continually upskill the existing workforce in modern ways.

Unfortunately, executive skilling is an often neglected area with poor focus by many organizations across India and perhaps the developing world as well. Oftentimes, executives of the middle management are the first casualty of downsizing or voluntary retirement. There exists significant potential for data-driven "Development as a service". This could be a crucial gap identifier and skillset programmer.

### 4. Erosion of the Employee Experience

An interesting article describes how employee roadmaps look like two-way roads when they are anything but. The author describes these as one way roads with no exits or any kind of detour, but one which leads to an exit at some point. The author laments that employee experience was never about giving an experience for the employee, but rather pleasing the immediate boss or the employer. So the word itself is kind of an oxymoron. The irony here is that these experience roadmaps are designed in a top-down, management controlled and organization focussed approach with no real room for the individual worker.

The author asks HR managers to start with this fundamental question on the employee's roadmap: "how can we give employees an experience that fits with their needs, expectations and capabilities?" The consultancy based framework of contractual employment which is project focused and having a limited time-frame is killing this experience, reducing employees into lone travellers on desolate roads that lead to abysmal exists into nothingness. The future watchword must be to attract and retain talent.

## EMPLOYEES CORNER



# Wedding Bells



**Groom :** Mr. A. Purushothaman  
Asst. Manager - VOMS  
**Bride :** Mrs. Ramya  
**Marriage Date :** 30<sup>th</sup> January 2019



**Groom :** Mr. V. Raja Santosh Kumar  
Asst. Manager - HR  
**Bride :** Mrs. V. Bhavani  
**Marriage Date :** 26<sup>th</sup> April 2019



**Groom :** Mr. L.T. Aravind Raja  
T&C Engineer - ICINI  
**Bride :** Mrs. N. Nandheeswari  
**Marriage Date :** 01<sup>st</sup> May 2019



**Groom :** Mr. M.Iyyappan  
T&C Engineer - ICINI  
**Bride :** Mrs. Mayadevi  
**Marriage Date :** 06<sup>th</sup> June 2019



**Groom :** Mr. V. Raja Gopal  
Site Incharge - VOMS  
**Bride :** Mrs. M. Mary Jensiba  
**Marriage Date :** 29<sup>th</sup> April 2019



**Bride :** Mrs. Kelwin Nivedaa AM  
Sr. Manager - Client Relationship - VHRS  
**Groom :** Mr. Alvin John C  
**Marriage Date :** 15<sup>th</sup> May 2019



**Bride :** Mrs. Sri Latha P  
Sr. Executive - BVS Check - VHRS  
**Groom :** Mr. Ganesh Kumar R  
**Marriage Date :** 13<sup>th</sup> June 2019



**Beat Air  
Pollution**



**WORLD  
ENVIRONMENT  
DAY**



FOR DIGITAL COPY, SCAN HERE

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